DOCKET NO. 20260027-WS
FILED 2/19/2026
DOCUMENT NO. 01199-2026
FPSC - COMMISSION CLERK

Holland & Knight

315 South Calhoun Street, Suite 600 | Tallahassee, Florida 32301 | T +1.850.224.7000 | F +1.850.224.8832
Holland & Knight LLP | www.hklaw.com

D. Bruce May
+1 850-425-5607
bruce.may@hklaw.com

February 19, 2026

Via E-File

Adam Teitzman, Director
Office of the Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Application for Transfer of Certificates Nos. 675-W and 576-S
from CPI Citrus Park Utility TRS, L.L.C. to Bonita Springs Utilities, Inc.

Dear Mr. Teitzman:

Enclosed please find the Application for Transfer of Certificates Nos. 675-W and 576-S from CPI Citrus Park Utility TRS, L.L.C. ("Citrus Park") to Bonita Springs Utilities, Inc. ("BSU"). BSU is a nonprofit cooperative providing service solely to members who own and control the cooperative. The Commission has determined that BSU is exempt from regulation pursuant to Section 367. 022(7), Florida Statutes.[1] Thus, Citrus Park is filing the Application using Form PSC 1008 (12/15), entitled "Application for Transfer of Facilities from a Regulated Utility to an Exempt Entity Other Than a Governmental Authority", which form is incorporated by reference in Rule 25-30.037(1) (c), F.A.C.

Citrus Park provides water and wastewater service to a mobile home park, which serves approximately 1531 residential mobile home customers. Citrus Park also provides water service to a property owners association, which serves approximately 127 residential lots in a subdivision adjacent to the mobile home park. Because of Citrus Park's water and wastewater service capacities, the appropriate filing fee for this Application is $3000.00. A check in that amount is being hand-delivered to the Office of the Commission Clerk today.

[1]See PSC-12-0181-FOF-SU (Apr. 6, 2012), PSC-05-0429-FOF-WU (Apr. 20, 2005), and PSC-97-FOF-WS (Mar. 12, 1997).

Notice of filing of this Application will be provided in accordance with Rule 25-30.030, F.A.C., and affidavits of said notice will be submitted as late-filed exhibits.

Please let me know if you have any questions. Thank you for your consideration.

Sincerely,

HOLLAND & KNIGHT LLP

D. Bruce May

DBM:jg
Enclosure

cc: Jennifer Crawford, Esq.
Mr. Pierre Molster
Mr. Andrew Koebel
Mr. Steve Richards
Mr. John R. Jenkins

FLORIDA PUBLIC SERVICE COMMISSION

INSTRUCTIONS FOR COMPLETING EXAMPLE APPLICATION FOR TRANSFER OF FACILITIES FROM A REGULATED UTILITY TO AN EXEMPT ENTITY OTHER THAN A GOVERNMENTAL AUTHORITY

(Pursuant to Section 367.071, Florida Statutes, and Rule 25-30.037(5), Florida Administrative Code)

General Information

The attached form is an example application that may be completed by the applicant and filed with the Office of Commission Clerk to comply with Rule 25-30.037(5), Florida Administrative Code (F.A.C.). Any questions regarding this form should be directed to the Division of Engineering at (850) 413-6910.

Instructions

1. Pursuant to Rule 25-30.037(1)(a), F.A.C., if a transfer occurs prior to Commission approval, the utility shall submit an application for authority to transfer no later than 90 days after the sale closing date.

2. Fill out the attached application form completely and accurately.

3. Complete all the items that apply to your utility. If an item is not applicable, mark it "N.A." Do not leave any items blank.

4. Remit the proper filing fee pursuant to Rule 25-30.020, F.A.C., with the application.

5. Provide proof of noticing pursuant to Rule 25-30.030, F.A.C. This may be provided as a late-filed exhibit.

6. The completed application, attached exhibits, and the proper filing fee should be mailed to:

Office of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

APPLICATION FOR TRANSFER OF FACILITIES FROM A REGULATED UTILITY TO AN EXEMPT ENTITY OTHER THAN A GOVERNMENTAL AUTHORITY

(Pursuant to Section 367.071, Florida Statutes, and Rule 25-30.037(5), Florida Administrative Code)

To: **Office of Commission Clerk**
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

The undersigned hereby makes application for the approval of the transfer of all ☒ or part ☐ of the facilities operated under Water Certificate No. 675 and/or Wastewater Certificate No. 576 and amendment ☐ or cancellation ☒ of Water Certificate No. 675 and/or Wastewater Certificate No. 576 located in Lee County, Florida, and submits the following:

PART I **APPLICANT INFORMATION**

A) Contact Information for Utility/Seller. The utility/seller's certificated name, address, telephone number, and, if applicable, fax number, e-mail address, and website address. The utility's name should reflect the business and/or fictitious name(s) registered with the Department of State's Division of Corporations:

CPI Citrus Park Utility TRS, L.L.C.
Utility Name

1001 Pennsylvania Avenue NW
Office Street Address

Washington	DC	20004
City	State	Zip Code

Mailing Address (if different from Street Address)

City	State	Zip Code

( ) -	( ) -
Phone Number	Fax Number

84-1979718
Federal Employer Identification Number

pierre.molster@carlyle.com
E-Mail Address

n/a
Website Address

675	576
Water Certificate No.	Wastewater Certificate No.

B) The contact information of the seller's authorized representative to contact concerning this application:

Pierre Molster
Name

1001 Pennsylvania Avenue NW
Mailing Address

Washington	DC	20004
City	State	Zip Code

(202) 578-4552	( ) -
Phone Number	Fax Number

pierre.molster@carlyle.com
E-Mail Address

C) Indicate the nature of the utility's business organization (check one). Provide documentation from the Florida Department of State, Division of Corporations, showing the utility's business name and registration/document number for the business, unless operating as a sole proprietor.

☐ Corporation _____
Number

☒ Limited Liability Company _____ EIN: 84-1979718
Number

☐ Partnership _____
Number

☐ Limited Partnership _____
Number

☐ Limited Liability Partnership _____
Number

☐ Sole Proprietorship

☐ Association

☐ Other (Specify) _____

If the utility is doing business under a fictitious name, provide documentation from the Florida Department of State, Division of Corporations showing the utility's fictitious name and registration number for the fictitious name.

☐ Fictitious Name (d/b/a) _____
Registration Number

D) Contact Information for Buyer. The buyer's certificated name, address, telephone number, Federal Employer Identification Number, and if applicable, fax number, e-mail address, website address, and new name of the utility if the buyer plans to operate under a different name. The buyer's business name, and if applicable, new utility name, should reflect the business and/or fictitious name(s) registered with the Department of State's Division of Corporations.

Bonita Springs Utilities, Inc.
Buyer's Name

11900 E. Terry Street
Office Street Address

Bonita Springs	Florida	34135
City	State	Zip Code

Same
Mailing Address (if different from Street Address)

City	State	Zip Code

(239) 992-0711	( ) -
Phone Number	Fax Number

59-1350003
Federal Employer Identification Number

akoebel@bsu.us
E-Mail Address

N/A
New Utility Name

E) The contact information of the buyer's authorized representative to contact concerning this application:

John R. Jenkins, Esq.
Name

27241 Shumard Oak Ct.
Mailing Address

Bonita Springs	Florida	34135
City	State	Zip Code

(239) 896-5774	( ) -
Phone Number	Fax Number

jjenkins@nettally.com
E-Mail Address

PART II **TRANSFER OF FACILITIES**

A) **DESCRIPTION OF SALE AGREEMENT**

1) Exhibit A - Provide a copy of the contract for sale and all auxiliary or supplemental agreements. If the sale, assignment, or transfer occurs prior to Commission approval, the contract shall include a provision stating that the contract is contingent upon Commission approval.

2) Exhibit - - The buyer must provide the following documentation of the terms of the transfer:

a) The closing date.

Within 30-days after PSC approval.

b) A statement regarding the disposition of customer deposits and interest thereon.

N/A - Seller maintains no customer deposits.

c) A statement regarding the disposition of any outstanding regulatory assessment fees, fines, refunds, or annual reports.

N/A - Seller maintains there are no outstanding fees, fines, refunds, or annual reports due.

B) FINANCIAL ABILITY

1) Exhibit B - Provide a detailed financial statement (balance sheet and income statement), audited if available, of the financial condition of the applicant, that shows all assets and liabilities of every kind and character. The financial statements shall be for the preceding calendar or fiscal year. The financial statement shall be prepared in accordance with Rule 25-30.115, F.A.C. If available, a statement of the sources and uses of funds shall also be provided.

2) Exhibit - - Provide a list of all entities, including affiliates, upon which the buyer is relying to provide funding to the utility and an explanation of the manner and amount of such funding. The list need not include any person or entity holding less than 5 percent ownership interest in the utility. The applicant shall provide copies of any financial agreements between the listed entities and the utility and proof of the listed entities' ability to provide funding, such as financial statements.

Buyer is relying on no other entities or affiliates for funding.
Purchase price will be paid from Buyer's cash on hand.

C) TECHNICAL ABILITY; FACILITIES

1) Exhibit C - Provide a description of the buyer's experience in the water or wastewater industry.

See attached.

2) Exhibit D - Provide an explanation of the buyer's plans for ensuring continued operation of the utility, such as retaining the existing plant operator(s) and office personnel, or contracting with outside entities.

See attached.

3) Exhibit E - Provide a copy of all of the utility's current permits from the Department of Environmental Protection (DEP) and the water management district.

4) Exhibit F - Provide a copy of the most recent DEP and/or county health department sanitary survey, compliance inspection report, and secondary water quality standards report.

5) Exhibit G - Provide a copy of all of the utility's correspondence with the DEP, county health department, and water management district, including consent orders and warning letters, and the utility's responses to the same, for the past five years.

6) Exhibit H - Provide a copy of all customer complaints that the utility has received regarding DEP secondary water quality standards during the past five years.

D) PUBLIC INTEREST AND EXEMPT STATUS

1) Exhibit I - Provide a statement explaining why the transfer is in the public interest.

See attached.

2) Exhibit J - Provide an explanation of how the buyer is exempt pursuant to Section 367.022, F.S.

See attached.

E) NOTICING REQUIREMENTS

Exhibit K - Provide proof of noticing pursuant to Rule 25-30.030, F.A.C. This may be provided as a late-filed exhibit.

This will be provided as a late-filed exhibit.

PART III **SIGNATURE**

Please sign and date the utility's completed application.

APPLICATION SUBMITTED BY: _____

Applicant's Signature

Thomas Levy

Applicant's Name (Printed)

Authorized Person

Applicant's Title

2/18/26

Date

EXHIBIT A

AGREEMENT FOR PURCHASE AND SALE OF WATER AND WASTEWATER ASSETS

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

AGREEMENT FOR PURCHASE AND SALE

OF WATER AND WASTEWATER ASSETS

By and Between

CPI CITRUS PARK UTILITY TRS, L.L.C.

and

BONITA SPRINGS UTILITIES, INC.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

TABLE OF CONTENTS

SECTIONS PAGE

TABLE OF CONTENTS II
APPENDICES III
AGREEMENT FOR PURCHASE AND SALE OF WATER AND WASTEWATER ASSETS ... 1
RECITALS 1
SECTION 1. RECITALS. 2
SECTION 2. PURCHASE AND SALE OF TRANSFERRED FACILITIES; DESCRIPTION OF PURCHASED ASSETS 2
SECTION 3. LIABILITIES 4
SECTION 4. PURCHASE PRICE/EARNEST MONEY DEPOSIT. 4
SECTION 5. REPRESENTATIONS AND WARRANTIES OF SELLER. 4
SECTION 6. REPRESENTATIONS AND WARRANTIES OF BUYER. 7
SECTION 7. WATER AND WASTEWATER SITE LEASE. 8
SECTION 8. CONDITIONS PRECEDENT TO CLOSING. 9
SECTION 9. PRE-CLOSING CONDUCT; COVENANTS. 9
SECTION 10. TERMINATION OF AGREEMENT. 14
SECTION 11. CLOSING DATE AND CLOSING. 15
SECTION 12. POST CLOSING UNDERTAKINGS. 17
SECTION 13. THIRD PARTY BENEFICIARY 18
SECTION 14. MISCELLANEOUS PROVISIONS. 19

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

APPENDICES

Appendix "A" (Real Property)
Appendix "B" (Legal Description of Sites)
Appendix "C" (Transferred Facilities in Lease)
Appendix "D" (Summary Table of Components and Parties Obligations Before/After Interconnect)

Appendix "2.2.2" (Authorizations, permits etc.)
Appendix "2.2.7" (Form of Easement)

Appendix "5.5.2 (a)" (Environmental Law Compliance)
Appendix "5.5.2 (c)" (Environmental Notices)
Appendix "5.5.2 (d)" (Hazardous Materials Located on the Sites in Violation of Environmental Law)
Appendix "5.5.2 (e)" (Written or Verbal Notification of a Release)
Appendix "5.5.2 (f)" (Release of Hazardous Materials in Violation of Environmental Law)

Appendix "5.6" (Pending Legal Action)

Appendix "7.1" (Form of Lease)

Appendix "9.5" (Due Diligence Materials)

Appendix "11.2.3" (Form of Bill of Sale)

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

AGREEMENT FOR PURCHASE AND SALE OF WATER AND WASTEWATER ASSETS

THIS AGREEMENT FOR PURCHASE AND SALE OF WATER AND WASTEWATER ASSETS ("Agreement") is made as of this ___ day of _____, 2025 by and between **CPI Citrus Park Utility TRS, L.L.C.** a Delaware limited liability company (hereafter "Seller"), and the **Bonita Springs Utilities, Inc.,** a Florida not-for-profit corporation ("Buyer").

RECITALS

WHEREAS, Seller owns and operates a potable water supply, treatment, storage, distribution and transmission system ("Water System") and a wastewater treatment, collection and disposal system ("Wastewater System" and together with the Water System, the "Utility Systems"), located in Lee County, Florida. An affiliate of Seller, CPI Citrus Park Owner, L.L.C., ("Property Owner") owns the real property known as Bonita Terra RV Resort and Manufactured Home Community located at 25581 Trost Blvd., Bonita Springs, Florida as more particularly identified in **Appendix "A"** to this Agreement (the "Real Property"). The Treatment Facilities (as hereafter defined) are located on a portion of the Real Property, as more particularly identified in **Appendix "B"** to this Agreement ("Sites"); and,

WHEREAS, Seller was granted water and wastewater Certificates 675-W and 576-S by the Florida Public Service Commission ("PSC") authorizing it to provide potable water and wastewater services within the defined service area within Lee County, Florida as more specifically set forth in Attachment A to PSC Order No. PSC-2020-0263-PAA-WS, ("PSC Service Area"); and,

WHEREAS, Seller agrees to sell a portion of the Utility Systems composed primarily of the water treatment facilities ("Water Treatment Facilities") and the wastewater treatment facilities ("Wastewater Treatment Facilities" and, together with the Water Treatment Facilities the "Treatment Facilities"), and the wastewater transmission (force) mains (but not the wastewater gravity collection system) and lift stations ("Wastewater Transmission Facilities" and, together with the Treatment Facilities the "Transferred Facilities")), all as more particularly identified in **Appendix "C"** to this Agreement, and Buyer desires to purchase the Transferred Facilities for the consideration and on the terms and subject to the conditions set forth in this Agreement; and,

WHEREAS, Buyer is a Florida non-for-profit corporation that provides water and wastewater services in and around Lee County, Florida with the intention of decommissioning the Treatment Facilities and interconnecting water and wastewater service to its regional facilities (the "Interconnect"); and,

WHEREAS, Buyer has the power and authority to acquire the Transferred Facilities and provide potable water and wastewater service to the PSC Service Area and Seller has the power and authority to sell the Transferred Facilities; and,

WHEREAS, **Appendix "D"** to this Agreement describes the Transferred Facilities and new utility components comprising the Interconnect, together with the ownership and

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

maintenance obligations of the parties.

ACCORDINGLY, in consideration of the foregoing recitals and benefits to be derived from the mutual covenants, representations and agreements contained herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Seller agrees to sell and Buyer agrees to purchase the Transferred Facilities upon the following terms and conditions:

SECTION 1. RECITALS. The foregoing recitals are true and correct and are incorporated herein.

SECTION 2. PURCHASE AND SALE OF TRANSFERRED FACILITIES; DESCRIPTION OF PURCHASED ASSETS. Buyer shall buy from Seller, and Seller shall sell to Buyer, the Purchased Assets (as defined below) upon the terms, and subject to the conditions precedent, set forth in this Agreement free and clear of all encumbrances. Notwithstanding the foregoing, Buyer acknowledges and agrees that Buyer's use and operation of the Purchased Assets shall be subject to the terms and conditions set forth in the Lease during the term of the Lease, as defined below. Buyer also acknowledges and agrees that the Real Property is subject to certain liens and encumbrances described in the title policies and surveys provided to Buyer during the Inspection Period. Nothing in this Agreement shall be deemed to require Seller to amend, terminate or otherwise modify such existing liens and encumbrances other than to release the Purchased Assets as collateral of the existing mortgage, if applicable.

2.1 Buyer is purchasing the Purchased Assets and the Utility Systems in "As-Is" "Where-Is" condition.

2.2 The "Purchased Assets" consist of that portion of the Utility Systems located on the Sites and Real Property, and servicing the Real Property and the PSC Service Area, including, but not limited to:

2.2.1 The Water Treatment Facilities, Wastewater Treatment Facilities, Wastewater Transmission Facilities, and the water service metered interconnect with the Bell Villa Subdivision at the Water Treatment Facilities ("Bell Villa").

2.2.2 All of Seller's right, title and interest in, to the extent assignable, governmental authorizations, permits, license rights, consents, grants, ordinances and surveys, and all rights to construct, maintain and operate that portion of the Utility Systems comprising the Transferred Facilities (hereinafter referred to as the "Authorizations") together with all rights granted to Sellers under their respective Authorizations, to the extent assignable, as identified in **Appendix "2.2.2"** to this Agreement.

2.2.3 All of Seller's right, title and interest in, to the extent assignable, items of inventory owned

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

by Seller on the Closing Date and used to operate and maintain the Transferred Facilities. Inventory items/amounts as of the date of signing this Agreement shall include those items listed in **Appendix "C"**, which items may be subject to change during the term of this Agreement in the ordinary course of Seller's operation of the Utility Systems.

2.2.4 All of Seller's right, title and interest in, to the extent assignable, supplier lists, customer records, prints, plans, including plans in electronic or digital format where available, engineering reports, surveys, specifications, shop drawings, equipment manuals, and other information relating solely to the Utility Systems in Seller's possession; provided, however, Seller shall not be required to disclose any proprietary materials or other items related to the Real Property.

2.2.5 All of Seller's right, title and interest in, to the extent assignable, sets of record drawings, including as-built drawings, showing all facilities of the Utility Systems, including all original tracings, sepias or other reproducible materials in Seller's possession, provided, however, Seller shall not be required to disclose any proprietary materials or other items related to the Real Property.

2.2.6 All customer deposits, if any, paid in connection with the operation of the Utility Systems as evidenced by the current customer records at the time of closing.

2.2.7 Easements from Seller and Property Owner as may be reasonably required for Buyer to access the Sites and to operate the Transferred Facilities in the Real Property in the manner in which they are currently being operated, which easements shall be in a form to be attached as Appendix "**2.2.7.**"

2.3 The Purchased Assets do not include the following ("Excluded Assets"):

2.3.1 All water transmission mains, distribution pipes, valves, meters, meter boxes, service connections and appurtenant facilities and all wastewater clean outs, gravity collection pipes, and appurtenant facilities located throughout the Real Property; except those located within the Sites.

2.3.2 Cash, bank accounts, equity and debt securities of any nature, deposits maintained by Seller with any governmental authority, or utility and any prepaid expenses of Seller, which shall be Seller's sole property as of the Closing Date.

2.3.3 Escrow and other Seller provisions for payment of federal and state taxes, and other obligations to governmental entities, including franchise or regulatory assessment fees, which shall be Seller's responsibility to pay through the Closing Date (provided that any such taxes or fees accruing from and after the Closing Date shall be Buyer's responsibility, if and to the extent applicable).

2.3.4 The billing, collection and customer service computers and software.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

2.3.5 Any portion of the Real Property.

SECTION 3. LIABILITIES. Buyer does not assume and shall not be liable for any expense, assessment, exposure, fine, penalty, or other liability actually incurred by Seller and arising or accruing before the Closing Date. Seller shall remain liable for and shall pay, perform or discharge all such liabilities and obligations; provided Seller is not hereby limited in its right to contest in good faith any such liabilities or obligations. Buyer shall pay, perform or discharge any and all liabilities or obligations arising in connection with Buyer's use and operation the Purchased Assets from and after the Closing Date.

SECTION 4. PURCHASE PRICE/EARNEST MONEY DEPOSIT.

4.1 Buyer shall pay to Seller for conveyance of the Purchased Assets, subject to the additions, adjustments and pro-rations referenced in this Agreement, a cash payment in the amount of One Million Two Hundred Fifty Thousand Dollars ($1,250,000) via wire transfer to the account(s) designated by Seller at the Closing. The parties hereby appoint Henderson, Franklin, Starnes & Holt, P.A. as escrow agent to facilitate the closing including the exchange of Purchased Assets and Purchase Price ("Escrow Agent").

4.2 Within one (1) business day after the execution of this Agreement, Buyer shall deliver Fifty Thousand and 00/100 Dollars ($50,000) (the "Earnest Money") by bank wire transfer to Escrow Agent. Upon expiration of the Inspection Period (as defined below), the Earnest Money will become non-refundable. At Closing, the Earnest Money deposit will be credited against the Purchase Price.

SECTION 5. REPRESENTATIONS AND WARRANTIES OF SELLER. Seller represents and warrants to Buyer as of the date of execution of this Agreement (collectively the "Express Representations") as follows:

5.1 Seller is a duly organized, validly existing Delaware limited liability company, authorized to do business in Florida. Seller has all requisite power and authority and has taken all requisite action necessary to enter into this Agreement, and will by Closing have taken all actions required by its organizational documents to consummate the transaction contemplated by this Agreement.

5.2 To Seller's knowledge, the execution and delivery of this Agreement by Seller and the consummation by Seller of the transactions contemplated hereby will not: (i) violate any judgment, order, injunction, or decree to which Seller is subject, or (ii) conflict with, result in a breach of, or constitute a default under the organizational documents of Seller or any lease, deed of trust, mortgage, loan agreement, covenant, or other agreement or instrument to which Seller is a party or by which Seller may be bound.

5.3 This Agreement constitutes, and all other agreements to be executed by Seller with respect to this Agreement will constitute, when executed and delivered, valid and binding obligations of Seller, enforceable in accordance with their terms.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

5.4 Seller has good and marketable title to the Purchased Assets. The Purchased Assets are not subject to any mortgage, pledge, lien, charge, security interest, encumbrance, or restriction entered into by Seller other than those that will be satisfied or released by the Closing.

5.5 Environmental Law Compliance.

5.5.1 Definitions.

(a) "Environmental Law" means any federal, state, or local statute, order, regulation, or ordinance, or common law or equitable doctrine regulating the protection of human health or the environment in effect as of the Closing Date and includes, but is not limited to, The Florida Air and Water Pollution Control Act (Chapter 403, Florida Statutes), the Florida Water Resources Act of 1972 (Chapter 373 Florida Statutes), the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA")(42 US.C. § 9601 et seq.), the Resource Conservation and Recovery Act (42 U.S.C. *§* 6901 et seq.), the Clean Water Act (33 U.S.C. § 1251 et seq.), the Toxic Substances Control Act (15 U.S.C. § 2601 et seq.), and the Safe Drinking Water Act (42 U.S.C. § 300f et seq.), as such have been amended or supplemented as of the Closing Date, the regulations promulgated pursuant thereto, and in effect as of the Closing Date and any conditions and requirements contained in any permits possessed by either Seller from any federal, state or local agencies necessary to operate its respective Utility Systems.

(b) "Hazardous Material" means petroleum or any substance, material, or waste which is regulated under any Environmental La

(c) w in the jurisdictions in which Seller conducts its business including, without limitation, any material or substance that is defined as or considered to be a "hazardous waste," "hazardous material," "hazardous substance," "extremely hazardous waste," "restricted hazardous waste," "pollutant," "toxic waste," or "toxic substance" under any provision of Environmental Law.

(d) "Release" means any release, spill, emission, leaking, pumping, injection, deposit, disposal, discharge, or dispersal into the environment, at or from any property owned or operated by either Seller or related to Hazardous Materials generated by either Seller.

(e) "Remedial Action" means all actions required to (i) clean up, remove, or treat any Hazardous Material; (ii) prevent the Release or threat of Release, or minimize the further Release of any Hazardous Material so it does not endanger or threaten to endanger public health or welfare or the environment; or (iii) perform pre-remedial studies and investigations or post-remedial monitoring and care directly related to or in connection with any such remedial action.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

5.5.2 To Seller's knowledge:

(a) Seller is in material compliance with all applicable Environmental Laws and has no material liability thereunder, and there is no reasonable basis for Seller to believe that any such liability exists except as disclosed in **Appendix "5.5.2 (a)."**

(b) Seller has obtained all permits required or has submitted application renewals for such permits in a timely manner, under applicable Environmental Laws, necessary for the operation of the Utility Systems as conducted as of the date of this Agreement.

(c) Any written notice received by Seller within the last two years of violations or alleged violations of Environmental Law or city code relating to the Utility Systems are identified in **Appendix "5.5.2(c)"** hereto.

(d) Except as disclosed in **Appendix "5.5.2(d)",** there is no Hazardous Material in violation of any Environmental Law located on the Sites; no Site is listed or formally proposed for listing under CERCLA, the Comprehensive Environmental Response, Compensation Liability Information System ("CERCLIS") or on any similar state list that is the subject of federal, state, or local enforcement actions or other investigations that may lead to claims against Sellers for clean-up costs, remedial work, damages to natural resources, or for personal injury claims, including, but not limited to, claims under CERCLA; and there is no reasonable basis for Seller to be named in such claims or for any similar action to be brought against Seller in relation to the Sites.

(e) Except as disclosed in **Appendix "5.5.2(e)",** no written or verbal notification of a Release of a Hazardous Material has been filed with any government agency with regulatory authority over the Sites by or on behalf of Seller or any third party with respect to the Utility Systems.

(f) Except as disclosed in **Appendix "5.5.2(f)",** no Hazardous Material has been released in violation of Environmental Law at, on, or under any Site or Utility Systems property.

5.6 Except as provided in **Appendix "5.6"** hereto, there are no current actions, suits or proceedings at law or in equity pending or, to Seller's knowledge, threatened in writing against Seller before any federal, state, municipal or other court, administrative or governmental agency or instrumentality, domestic or foreign, which would materially impair or adversely affect the Utility Systems or any of the Purchased Assets or Seller's right and ability to make and perform this Agreement.

5.7 Except for the Standard Bulk Water Service Agreement between Seller and the Bell Villa Property Owner's Association, Inc. ("HOA") ("Bulk Water Agreement") and that certain Settlement Agreement with HOA recorded in the Lee County Circuit Court on March 5,

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

2015 as Instrument Number 2015000045276, Seller has not entered into any written agreements or commitments with developers or customers providing for the extension of services or facilities with regard to the Utility Systems, nor has Seller collected any connection or plant capacity fees or charges for which the payor, its successors or assigns have not been connected to the Utility Systems.

5.8 Seller has all governmental approvals necessary to own and operate the Utility Systems which are set forth in Appendix 2.2.2. and, except for PSC Approval as described in Section 9.16 below, the execution, delivery and performance of this Agreement will not require Buyer to obtain any other governmental authorization or approval.

5.9 All of Seller's representations and warranties set forth in this Agreement shall be true and correct in all material respects as of the Closing Date, except to the extent otherwise permitted pursuant to this Agreement.

5.10 All representations or warranties made by Seller in this Agreement shall survive for a period of twelve (12) months post-Closing. For purposes of this Agreement, the phrase "to Seller's knowledge" or words of similar import, means the present, actual knowledge of Lauren Ray-Shingler and Steve Adler, the people with overall asset management responsibility for the Utility Systems and the Sites (the "Seller Knowledge Individuals"). In no event shall the Seller Knowledge Individuals have any personal liability hereunder.

5.11 To Seller's knowledge, neither Seller nor any person, group, entity or nation that Seller is acting, directly or indirectly for, or on behalf of, is named by any Executive Order (including the September 24, 2001, Executive Order Blocking Property and Prohibiting Transactions With Persons Who Commit, Threaten to Commit, or Support Terrorism) or the United States Treasury Department as a terrorist, "Specially Designated National and Blocked Person," or is otherwise a banned or blocked person, group, entity, or nation pursuant to any Law that is enforced or administered by the Office of Foreign Assets Control, and Seller is not engaging in the transactions contemplated by this Agreement, directly or indirectly, on behalf of, or instigating or facilitating the transactions contemplated by this Agreement, directly or indirectly, on behalf of, any such person, group, entity or nation. To Seller's knowledge, the Seller is not engaging in the transactions contemplated by this Agreement, directly or indirectly, in violation of any laws relating to drug trafficking, money laundering or predicate crimes to money laundering. To Seller's knowledge, none of the funds of Seller have been or will be derived from any unlawful activity with the result that the investment of direct or indirect equity owners in Seller is prohibited by law or that the transactions contemplated by this Agreement or this Agreement is or will be in violation of applicable law.

SECTION 6. REPRESENTATIONS AND WARRANTIES OF BUYER. As a material inducement to Seller to execute this Agreement and to perform its obligations hereunder, Buyer represents and warrants to Seller as follows:

6.1 Buyer is a duly organized, validly existing not-for-profit corporation, authorized to do business in Florida. Buyer has all requisite power and authority and has taken all requisite action necessary to (i) enter into this Agreement, and (ii) perform all of the terms and

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

conditions of this Agreement.

6.2 This Agreement constitutes, and all other agreements to be executed by Buyer with respect to this Agreement will constitute, when executed and delivered, valid and binding obligations of Buyer, enforceable in accordance with their terms.

6.3 The execution, delivery and performance of this Agreement will not require Buyer to obtain any governmental authorization or approval including, but not limited to, the authorization or approval of the City of Bonita Springs or Lee County, Florida.

6.4 The execution, delivery and performance of this Agreement will not violate any provision of law, order of any Court or agency of government applicable to Buyer, its Articles of Incorporation or By-Laws, nor any Certificate, indenture, agreement, or other instrument to which Buyer is aparty, or by which it is bound.

6.5 To Buyer's knowledge, no litigation, governmental proceeding or investigation is pending or threatened in writing against Buyer that would materially impair or adversely affect Buyer's ability to perform its obligations under this Agreement and consummate the transactions contemplated by this Agreement.

6.6 To Buyer's knowledge, neither Buyer nor any person, group, entity or nation that Buyer is acting, directly or indirectly for, or on behalf of, is named by any Executive Order (including the September 24, 2001, Executive Order Blocking Property and Prohibiting Transactions With Persons Who Commit, Threaten to Commit, or Support Terrorism) or the United States Treasury Department as a terrorist, "Specially Designated National and Blocked Person," or is otherwise a banned or blocked person, group, entity, or nation pursuant to any Law that is enforced or administered by the Office of Foreign Assets Control, and Buyer is not engaging in the transactions contemplated by this Agreement, directly or indirectly, on behalf of, or instigating or facilitating the transactions contemplated by this Agreement, directly or indirectly, on behalf of, any such person, group, entity or nation. To Buyer's knowledge, the Buyer is not engaging in the transactions contemplated by this Agreement, directly or indirectly, in violation of any laws relating to drug trafficking, money laundering or predicate crimes to money laundering. To Buyer's knowledge, none of the funds of Buyer have been or will be derived from any unlawful activity with the result that the investment of direct or indirect equity owners in Buyer is prohibited by law or that the transactions contemplated by this Agreement or this Agreement is or will be in violation of applicable law.

SECTION 7. WATER AND WASTEWATER SITE LEASE. The parties agree that no portion of the Real Property or the Sites shall be conveyed as part of the transaction contemplated herein. The Sites are owned by Property Owner. At Closing, Property Owner and Buyer shall enter into a Water and Wastewater Site Lease in the form attached as Appendix "7.1" of this Agreement ("Lease").

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

SECTION 8. CONDITIONS PRECEDENT TO CLOSING. The obligations of each party to close the transaction contemplated by this Agreement are subject to the conditions that, at or before the Closing Date:

8.1 Neither Party is prohibited by decree or law from consummating the transaction.

8.2 There is not pending on the Closing Date any legal action or proceeding that would (i) prohibit the acquisition or sale of the Purchased Assets, or (ii) prohibit Buyer or Seller from closing the transaction or Buyer from paying the Purchase Price.

8.3 Each of the other parties hereto has performed all of the undertakings required to be performed by them under the terms of this Agreement.

8.4 There has been no material adverse change in the physical condition of the Utility Systems. For purposes of this Agreement, a "material adverse change" shall mean a 1oss or damage to the Utility Systems (excluding any loss or damage as a result from any changes in general economic, political or regulatory conditions in the utility industry) that materially reduces: (1) the value of the Purchased Assets in the aggregate; or (2) the ability to operate the Utility Systems in compliance with regulatory requirements and in substantially the same manner as operated by Seller prior to the Closing Date.

8.5 All warranties and representations of the other party are true in all material respects as of the Closing Date, except to the extent they specifically refer to another date.

8.6 The parties shall have received the Required Approvals (as defined below), in all events upon terms and conditions reasonably acceptable to both Seller and Buyer to enable Buyer to assume the ownership and operation of the Utility Systems and to provide water and wastewater service to the public in the PSC Service Area and Real Property.

SECTION 9. PRE-CLOSING CONDUCT; COVENANTS.

9.1 During the period between execution of this Agreement and the Closing Date, Seller shall:

9.1.1 Operate and maintain the Utility Systems in a normal and ordinary manner, and the inventory on hand shall not be diminished or depleted, other than in the ordinary course of business;

9.1.2 Promptly notify Buyer of any written notification received by Seller from any regulatory agency with jurisdiction over the Utility Systems of any Environmental Law violation;

9.1.3 Provide Buyer, or its designated agent(s), with reasonable access to the Utility Systems, Purchased Assets, Seller's customer and operations books and records, employees; agents, or representatives, on reasonable advance notice (one business day) and during business hours, subject in all respects to Section 9.7 below;

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

9.1.4 Transfer billing and account information to Buyer, to be effective as of the Closing Date, and coordinate with the Buyer such that a Buyer employee may accompany the Seller's employee(s) during the final meter readings prior to closing.

9.1.5 As soon as reasonably practicable after execution of this Agreement, file an Application for Transfer/Cancellation with the PSC requesting issuance of a final, non-appealable order authorizing and approving cancellation of Certificates 675-W and 576-S and transfer of the Transferred Facilities to Buyer as provided in this Agreement (the "PSC Approval").

9.1.6 Use commercially reasonable efforts to pursue resolution of any violations disclosed on Appendix 5.5.2(a).

9.2 During the period between execution hereof and Closing, Seller shall not:

9.2.1 Enter into any contract, oral or written, relating to the Utility Systems or Purchased Assets that will survive Closing without the prior written consent of Buyer which consent shall not be unreasonably withheld, conditioned or delayed. Actions requiring ongoing compliance such as pipeline breaks and other emergency situations are excluded from the limitations set forth in this Section 9.2.1;

9.2.2 Without the prior written consent of Buyer, which shall not be unreasonably withheld, enter into any Developer Agreement affecting the Utility Systems or Purchased Assets. Copies of any Developer Agreements shall be promptly delivered to Buyer and shall not be signed by Seller without prior written consent from Buyer. As used herein, "Developer Agreement" shall refer to agreements between the developer of a residential or commercial real estate development and a water and/or wastewater utility that secures adequate capacity of water and/or wastewater service to the development at reasonable rates in return for the developer making payments or contributing materials to the utility to offset the utility's cost of extending service to the development. Nothing in this Section 9.2.2 shall prohibit Property Owner from pursuing approvals for the development of additional sites on the Real Property.

9.3 Seller shall maintain its existing levels of insurance on the Purchased Assets and Utility Systems and the risk of any loss shall remain with Seller through the Closing Date.

9.4 Buyer shall obtain Phase I Environmental Site Assessments ("ESA") (and a subsequent Phase II ESA if Buyer determines that one is necessary based on the Phase I assessment results) of each parcel comprising the Sites. Buyer and Seller shall each be responsible for one half of the cost of the ESA. If such ESA discloses the presence of any Hazardous Material at the Sites in violation of any applicable Environmental Law, Buyer shall notify Seller of the findings of its ESA ("ESA Findings") within five (5) business days of receipt of such ESA. Seller shall incorporate Buyer's ESA Findings into a baseline environmental assessment (which assessment may be the ESA report) intended to evaluate violations of Environmental Laws associated with operation of the Purchased Assets and leased Sites ("BEA"). Seller shall have the right but not the obligation to remedy any violation of Environmental Law identified in the ESA Findings and BEA. Except for any violation of

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

Environmental Law disclosed under Appendix 5.5.2(a), upon Seller's failure to perform or complete any required cleanup and remediation associated with a violation of Environmental Law identified in the ESA Findings, prior to the Closing Date, Buyer may elect to either (i) terminate this Agreement, in which event neither party shall have any liability to the other; or (ii) proceed to Closing without abatement of the Purchase Price.

9.5 Buyer is relying upon its own due diligence investigation in entering into this Agreement. Buyer is not now relying, and will not later rely upon, any statements, disclosures, representations or warranties, express or implied, made by Seller, or anyone acting or claiming to act, by, through or under or on Seller's behalf concerning the Purchased Assets or the Sites, except for the Express Representations. The Buyer, at Buyer's expense, shall have sixty (60) days from the date of this Agreement (the "Inspection Period") within which to complete financial, legal, engineering and operational due diligence investigations of the Purchased Assets, subject in all respects to the terms and conditions set forth in Section 9.7 below. Based upon the results of such due diligence investigations Buyer shall have the right to terminate this Agreement for any reason prior to the end of the Inspection Period, in which event the Earnest Money shall be returned to Buyer and neither of the parties shall have any further rights or obligations except those that expressly survive the termination of this Agreement. If Buyer does not provide Seller with written notice of termination by the end of the Inspection Period, then due diligence shall be deemed satisfactory and Buyer's contingency set forth in this Section 9.5 shall be deemed waived. During the Inspection Period, Seller shall provide Buyer and its representatives access to all Purchased Assets as set forth in this Agreement, subject to the terms and conditions set forth in Section 9.7 below. Seller will deliver any documents, surveys, studies, reports, agreements, title policies and plans relating solely to the Utility Systems in Seller's possession (excluding proprietary materials, if any) within ten (10) business days after the execution of this Agreement including, but not limited to, the items listed in **Appendix "9.5"** below (collectively, the "Utility Information"). Buyer shall keep such Utility Information confidential. Except as otherwise expressly provided in this Agreement, Seller makes no representation or warranty as to the truth or accuracy of the Utility Information provided to Buyer. Buyer acknowledges that all of the Utility Information and any other such materials are provided solely for Buyer's convenience, and that Buyer has relied or will rely exclusively on its own independent investigation and evaluation of the Purchased Assets and not, except as otherwise expressly provided in Section 5, on the Utility Information, or other such materials supplied by Seller, or any of its agents or representatives. If this Agreement is terminated for any reason other than a Seller default, at Seller's request, Buyer will deliver Seller copies of all third-party reports, studies, plans, drawings, and other materials developed and/or produced for Buyer in connection with its inspection activities, without representation or warranty, and at no cost to Seller.

9.6 Buyer may obtain, at its sole cost and expense, a boundary survey of the Sites prepared by a professional surveyor registered as such with the State of Florida. If the survey discloses any gaps, overlaps, encroachments, or other survey-related defect(s) relating to the Sites that impair Buyer's use of the Site, and regardless of whether such defect(s) were known to the Buyer prior to the effective date of this Agreement, Buyer shall notify Seller within twenty (20) business days of receipt of such survey (but in all events at least five (5) business days prior to the expiration of the Inspection Period, and Seller shall have the right

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

but not the obligation to attempt to cure the defect(s) to the reasonable satisfaction of Buyer. If Seller fails to cure such defect prior to the Closing Date, Buyer may elect to either (i) terminate this Agreement, in which event neither party shall have any liability to the other; or (ii) agree with Seller on an extension of the Closing Date to address the issue, or (iii) proceed to Closing without abatement of the Purchase Price.

9.7 Buyer and its agents, employees, consultants, inspectors, appraisers, engineers and contractors (collectively "**Buyer's Representatives**") shall have the right, commencing on the effective date of this Agreement though the Closing Date, to inspect the Purchased Assets and the Sites subject to the following:

9.7.1 In conducting any inspection of the Sites or the Purchased Assets or otherwise accessing the Sites, Buyer shall at all times comply with all laws and regulations of all applicable governmental authorities. Neither Buyer nor any of Buyer's Representatives shall initiate contact or discussions with any tenants, subtenants or occupants at the Real Property. Buyer shall (i) coordinate all such inspections with Seller via electronic mail; (ii) not interfere with the business of Seller conducted at the Real Property or disturb the use or occupancy of any tenant or occupant of the Real Property, or (iii) not damage the Purchased Assets, Sites or the Real Property. Buyer agrees to pay to Seller on demand the cost of repairing and restoring any damage or disturbance that Buyer or Buyer's Representatives causes to the Property. All inspection fees, appraisal fees, engineering fees and other costs and expenses of any kind incurred by Buyer or Buyer's Representatives relating to such inspection shall be at the sole expense of Buyer. Buyer shall keep all information obtained during its inspections and access to the Property confidential. Buyer, in connection with due diligence, may inspect Seller's underground utilities provided that, any disturbance or damage to real or personal property shall be subject to timely remedial action to restore it to its condition immediately prior to inspection. Buyer may conduct soft digs with a Vacuum Truck, provided Buyer is otherwise in compliance with all terms and conditions set forth in this Section. Buyer shall include Seller in any meetings with, and copy Seller on any communications with regulatory authorities regarding the Utility Systems or the Real Property.

9.7.2 Prior to conducting any physical inspection or testing at the Sites, Buyer shall obtain, and during the period of such inspection or testing shall maintain, at their expense the following insurance policies with an insurer rated by A.M. Best & Company with at least A-VIII or better:

(a) Commercial general liability insurance including contractual liability coverage with limits not less than $1 million per occurrence, $2 million general aggregate on a per location or per project basis, and $2 million products and completed operations insuring all activity and conduct of Buyer and Buyer's Representatives while exercising the right of access provided for in this Agreement;

(b) Automobile liability insurance in the amount of $1,000,000 per occurrence providing coverage for all owned, non-owned and hired vehicles,

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

(c) Statutory workers' compensation insurance and employer's liability in the amount of $1,000,000 per accident/per disease/per employee,

(d) Umbrella liability insurance in an amount not less than $5,000,000 per occurrence and in the general aggregate, which limit may be satisfied by any combination of primary or excess/umbrella per occurrence policies providing coverage at least as broad as the underlying commercial general liability, employer's liability and automobile liability insurance policies, and

(e) For any environmental testing or inspections on the Property, pollution liability insurance in amounts no less than $2,000,000 per occurrence/general aggregate.

All insurance policies shall include a waiver of subrogation, and shall be primary to, and is not in excess of or contributing with, any insurance or self-insurance maintained by Seller, Seller's lender or Seller's property manager/agent with respect to the Property, and shall be kept and maintained in force during the term of this Agreement and so long thereafter as necessary to cover any claims of damages suffered by persons or property resulting from any acts or omissions of Buyer and/or Buyer's Parties.

It shall also insure all activity and conduct of the Buyer while exercising the right of access provided for in this Agreement.

Prior to any access to the Property, Buyer (a) will deliver to Seller written evidence establishing to Seller's reasonable satisfaction that such adequate and appropriate insurance is being maintained and in full force and effect and (b) shall cause Seller, Property Owner, Property Owner's lender and Property Owner's property manager to be named as additional named insureds under the insurance policies to be maintained in accordance with this Section except for workers' compensation insurance. The provisions of this Section shall survive any termination of this Agreement. If Buyer fails to meet any of the insurance requirements set forth in this section Seller may elect to either (i) terminate this Agreement, in which event neither party shall have any liability to the other; or (ii) proceed to Closing without abatement of the Purchase Price.

9.7.3 Buyer hereby agrees to indemnify, defend, and hold harmless Seller, Property Owner and their respective partners, members, affiliates, property manager, and their respective officers, directors, agents, employees, and representatives (collectively, the **"Indemnified Parties"**) from and against any and all liens, claims, or damages of any kind or nature, including any demands, actions or causes of action, assessments, losses, costs, expenses, liabilities, interest and penalties, and reasonable attorneys' fees suffered, incurred, or sustained by any of the Indemnified Parties for any act or omission of Buyer or Buyer's Representatives with respect to any Inspection Period due diligence activities at the Sites or the Real Property pursuant to this Agreement. The foregoing indemnity shall survive the termination of this Agreement.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

9.8 Buyer agrees to cooperate with Seller in its application to secure PSC Approval, including but not limited to acknowledging Buyer is exempt from PSC jurisdiction, and will assist Seller with the transfer of all other governmental authorizations.

SECTION 10. TERMINATION OF AGREEMENT.

10.1 Buyer may terminate this Agreement, in its sole discretion, upon the occurrence of any of the following:

10.1.1 The failure, in any material respect prior to Closing, of any conditions precedent to Closing.

10.1.2 Any material breach of any representation or warranty set forth in this Agreement by Seller, if Seller has not cured such breach within 30 days after written notice from Buyer; provided, however, such breach must in any event be cured by the Closing Date unless the date for cure has been extended or excused by Buyer.

10.2 Seller may terminate this Agreement, in its sole discretion, upon the occurrence of any of the following:

10.2.1 The failure, in any material respect prior to Closing, of any of the conditions precedent to Closing.

10.2.2 Any material breach of any representation or warranty set forth in this Agreement by Buyer, if Buyer has not cured such breach within 30 days after written notice from Seller, provided, however, such breach must in any event be cured prior to the Closing Date unless the date for cure has been extended or excused by Seller.

10.3 Upon the occurrence of any of the bases for termination of this Agreement, the party seeking to terminate this Agreement shall provide written notice of its termination of this Agreement to the other by delivering the same as provided in Section 14.2.

10.4 Upon the termination of this Agreement, the following shall occur:

10.4.1 To the extent permitted by Florida law, each party shall return all documents, including copies, in its possession, custody, or control, or in the possession, custody, or control, of its agents and consultants to the other, as the case may be. Each party, its agents and consultants, shall treat any information previously received as confidential, and shall not disclose or use such information, unless required by law.

10.4.2 In the event of a default by Seller, the Earnest Money shall be returned to Buyer along with a payment of $30,000 as liquidated damages and the parties shall have no further rights and obligations pursuant to this Agreement except for those that expressly survive this Agreement. In the event of a default by Buyer, Seller shall be entitled to receipt of the

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

Earnest Money as liquidated damages.

10.4.3 Except as otherwise set forth in this Agreement, each party shall be responsible for payment of its own attorney and other professional fees and other costs of any nature whatsoever incurred prior to the termination of this Agreement.

10.4.4 If Seller is in breach or default of any of its obligations hereunder that survive the Closing when performance is required, or if any of the Express Representations should be false in any material respect and Buyer shall first become actually aware of same after the Closing Date, then Buyer shall give Seller notice of such breach or default of such obligation, agreement or representation hereunder prior to the expiration of the applicable survival period of such breach or default and Seller shall have thirty (30) days from the date of receipt of such notice to cure such breach or default. If Seller fails to cure such breach or default within such thirty (30) day period, then Seller shall be liable for the actual direct damages suffered by Buyer due to such uncured breach or default. Notwithstanding anything to the contrary contained herein, (i) in no event shall Seller's aggregate liability pursuant to this Section exceed Fifty Thousand Dollars ($50,000), (ii) Seller's failure to satisfy a condition of this Agreement shall not be considered a default by Seller hereunder unless such failure results from the breach of any of Seller's representations set forth in this Agreement or the failure to perform Seller's express covenants and obligations hereunder, and (iii) if Buyer had knowledge of a default by Seller on the Closing Date and Buyer elects to close the transaction contemplated herein, Buyer shall be deemed to have irrevocably waived such default and Seller shall not have any liability with respect to such default. In no event shall Buyer seek, or Seller be liable for, indirect, punitive or consequential damages.

SECTION 11. CLOSING DATE AND CLOSING.

11.1. Unless otherwise extended as provided elsewhere herein, this transaction shall close within thirty (30) days after receipt of final, unappealable order of PSC Approval (the "PSC Final Order") at a location mutually acceptable to both parties. Buyer and Seller shall use commercially reasonable efforts to obtain the PSC Final Order as promptly as reasonably practicable after the effective date of this Agreement. Notwithstanding the foregoing, in the event that the PSC Final Order is not obtained within one hundred eighty (180) days after execution of this Agreement, either party shall have the right to terminate this Agreement upon written notice to the other. As used in this Agreement, the "Closing Date" shall mean 12:00 a.m. the date that this transaction is closed.

11.2 At Closing:

11.2.1 Buyer shall pay the Purchase Price, subject to any adjustment as provided for in this Agreement.

11.2.2 The existing Water and Wastewater Site Lease between Seller and Property Owner shall be terminated as of the Closing Date. Property Owner and Buyer shall execute

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

and deliver the Lease at Closing.

11.2.3 Title to the Purchased Assets shall be conveyed to Buyer by Bill of Sale "as is, where is" with warranty of title free of all claims, liens, or encumbrances, in the form attached as Appendix 11.2.3. Except as provided in the Express Representations Seller does not, by the execution and delivery of this Agreement, or by the execution and delivery of any document or instrument in connection with the Closing, make any representation or warranty, express or implied, of any kind or nature whatsoever, with respect to itself, or the Purchased Assets or the Sites, and all such warranties are hereby disclaimed except for warranty of title. Buyer acknowledges that Buyer has entered into this Agreement with the intention of making and relying upon its own investigation of the physical, environmental, economic use, compliance, and legal condition of the Purchased Assets and the Sites. Without limiting the generality of the foregoing, other than the Express Representations, Seller makes, and shall make, no express or implied warranty as to matters of zoning, tax consequences, physical or environmental condition (including, without limitation, laws, rules, regulations, orders and requirements pertaining to the use, handling, generation, treatment, storage or disposal of any toxic or hazardous waste or toxic, hazardous or regulated substance), valuation, governmental approvals, governmental regulations or any other matter or thing relating to or affecting the Purchased Assets or the Sites (collectively, the "Disclaimed Matters"). Notwithstanding anything to the contrary set forth in this Agreement, the Purchased Assets shall be conveyed to Buyer, and Buyer shall accept same, in their "AS IS" "WHERE IS" condition on the Closing Date, "WITH ALL FAULTS" and "SUBJECT TO ALL DEFECTS."

11.2.4 All PSC regulatory assessment fees, taxes, assessments and franchise fees accrued or owed by Seller as of the date of Closing with respect to the Purchased Assets shall remain the obligation of Seller. Buyer confirms that it holds a sales tax exemption certificate from the Florida Department of Revenue.

11.2.5 Seller shall cause Property Owner to execute and deliver an easement in the form attached as Appendix 2.2.7.

11.2.6 Buyer shall pay all inspection fees and survey costs, if any. Other closing costs shall be paid by the parties as is customary for commercial real estate transactions in Florida.

11.2.7 Connection Charges (defined as plant capacity, transmission line capacity, or other unit connection fees paid for the availability of utility capacity) received by Seller prior to Closing shall be retained by Seller if a physical connection to its Utility Systems has been made prior to closing. Connection Charges paid to Seller prior to Closing for which no connection has been made shall be paid over to Buyer at Closing. Connection Charges paid after Closing shall be retained by Buyer. A schedule of Connection Charges paid to Buyer, if any, shall be prepared by Seller as of the Closing Date and provided to Buyer and paid by Seller to Buyer at closing through the Closing Statement or as otherwise mutually agreed to by the parties.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

11.2.8 One day prior to Closing, Seller shall read the Utility Systems customers' meters and, thereafter, invoice the customers for service up to and including the final meter reading. Seller is entitled to all revenues for services up to the final metering. Buyer shall be entitled to all revenues of the Utility Systems for services rendered from the Closing Date.

11.2.9 Except as otherwise provided herein, each of the parties shall pay the fees of its own attorneys, bankers, engineers, accountants, and other professional advisers or consultants in connection with the negotiation, preparation and execution of this Agreement, and any documents associated with the Closing.

11.2.10 All bills of any kind for services, materials and supplies of any kind rendered in connection with the construction, operation and maintenance of the Utility Systems prior to Closing, including but not limited to electricity, phone service, and payroll for a period up to and including the Closing Date, shall be paid by Seller. Buyer shall be responsible for all such costs and expenses incurred for services rendered after closing subsequent to Closing.

11.2.11 Buyer shall assume the liability for customer deposits, and Seller shall credit Buyer at Closing with all customer deposits and accrued interest thereon and shall provide Seller with the list of customers for whom such deposits have been collected and corresponding amounts of such deposits through Closing.

11.2.12 Each party shall deliver to the other party a certificate stating that all warranties and representations of such party contained in this Agreement are true and correct in all material respects as of the Closing Date.

11.2.13 At Buyer's direction, Seller shall either assign to Buyer or terminate the Bulk Water Agreement.

SECTION 12. POST CLOSING UNDERTAKINGS.

12.1 Seller and Buyer shall, after the Closing Date, upon reasonable request of the other party and at no cost to the other party, execute, acknowledge and deliver, or cause to be executed, acknowledged and delivered, all such further documents and reasonable assurances as may be required in order to implement and perform any of the obligations, covenants and agreements of the parties arising from this Agreement.

12.2 Within thirty (30) days after the Closing Date, the Buyer shall commence all requisite action to notify, apply for and seek the transfer of all permits and governmental approvals, if transferable, described in **Appendix 2.2.2,** exclusive of PSC Approval, which shall be applied for by Seller. Seller shall promptly and reasonably cooperate and provide all reasonably necessary assistance in obtaining such transfers, including but not limited to execution of any permit transfer applications prepared by the Buyer. Upon the Closing, Buyer shall assume all of Seller's obligations under the permits and governmental approvals necessary for the continued operation of the Utility Systems. The parties

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

acknowledge that the transfer of permits cannot be effectuated until after the Closing of the transactions contemplated by this Agreement, and as such shall constitute a post-Closing obligation of the parties until completed. Charges and costs incurred by either the Buyer or the Seller for the transfer of permits shall be paid by the respective parties.

12.3 Each of the parties hereto shall provide the other with such assistance as reasonably may be requested in connection with the preparation of any tax return, audit or other examination by any taxing authority or any judicial or administrative proceedings relating to liability for taxes relating to the transactions contemplated by this Agreement, including reasonable access during regular business hours to any and all utility records. Subject to the provisions of paragraph 12.4 below, each party shall retain and provide the other with any records or information that may be reasonably relevant to such return, audit or examination, proceedings or determination; provided that in no event shall Seller be required to provide any proprietary information about the Real Property. The party requesting assistance hereunder shall reimburse the other for reasonable expenses incurred in providing such assistance.

12.4 Seller agrees to provide reasonable assistance to the Buyer, at no cost to Seller, to transition the administration and operation of the Purchased Assets for a period of ninety (90) days after the Closing Date.

12.5 Following Closing, Buyer shall provide water and wastewater service to the public in Seller's former PSC Service Area and the Real Property, in accordance with and at rates set forth in the Tariffs attached as Exhibit C to that certain Franchise Agreement By, Between and Among Bonita Springs Utilities, Inc., The City of Bonita Springs, Florida, and Lee County, Florida codified as City of Bonita Springs Ordinance No. 02-14 as subsequently amended from time to time ("Franchise"). Seller or Seller's affiliates shall be permitted to submeter each site and charge retail rates to its residents, subject to Buyer's Tariff requirements and the approval of the governmental agency having jurisdiction over such rates and charges.

12.6 Buyer shall construct individual metering for Bell Villa, if agreed to by HOA.

12.7 Each of the foregoing obligations set forth in this Section shall survive the Closing for a period of one (1) year, provided that the obligations in Section 12.5 shall survive indefinitely. The parties further agree that upon Buyer's breach of any of the foregoing obligations, Seller shall have the right to pursue all available remedies against Buyer, whether in equity or at law. The foregoing survival periods shall in no way affect or otherwise modify Buyer's obligations as set forth in the Lease.

SECTION 13. THIRD PARTY BENEFICIARY. Buyer and Seller acknowledge and agree that, except for Property Owner, this Agreement does not directly benefit any person other than the parties hereto, and no other person is a third party beneficiary of this Agreement. This Agreement is solely for the benefit of the parties hereto, and no other causes of action shall accrue upon or by reason hereof to or for the benefit of any third party (other than successors and assigns), who or which is not a formal party hereto.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

SECTION 14. MISCELLANEOUS PROVISIONS.

14.1 This Agreement, the Documents and the Appendices hereto, collectively embody the entire agreement and understandings between the parties and there are no other agreements or understandings, oral or written, with reference to this Agreement that are not merged into and superseded by this Agreement. This Agreement may be executed in one or more counterparts, each of which, when taken together, shall be considered an original.

14.2 Any notice or other document required or allowed to be given pursuant to this Agreement by either party to the other shall be in writing and shall be delivered personally, or by recognized overnight courier, or by electronic correspondence with written confirmation.

If to Buyer, such notice shall be delivered to:

Andy Koebel, Executive Director
11900 East Terry Street
Bonita Springs, FL 34135
akoebel@bsu.us

with a copy to:

Scott Beatty, Esquire
Henderson, Franklin, Starnes & Holt, PA
8889 Pelican Bay Blvd., Suite 400
Naples, FL 34108
scott.beatty@henlaw.com

If to Seller, such notice shall be delivered to:

Citrus Park Utility TRS, L.L.C.
c/o The Carlyle Group
1001 Pennsylvania Ave, NW
Washington, DC 20004
Attention: Pierre Molster and
USRE Notices
pierre.molster@carlyle.com and
USRE notices@carlyle.com

with a copy to:

DLA Piper LLP (US)
500 Eighth Street NW Washington, D.C. 20004
Attention: Frederick L. Klein and Meagan Ekimoff
meagan.ekimoff@us.dlapiper.com

Notices shall be effective upon receipt or failure to accept delivery. Electronic correspondence shall be deemed received on the date sent if received by 5:00 p.m. Eastern

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

Daylight Time on a business day. If received after 5:00 p.m. EDT, such transmission shall be deemed received on the next business day.

14.3 The drafting of this Agreement was a joint effort of the parties, and in the interpretation hereof, it shall be assumed that no party had any more input or influence than any other. The Parties acknowledge and agree that Appendix "D" is intended for the convenience and information of the Parties and, in the event of conflict between Appendix "D" and any other document, appendix or exhibit in this transaction including, but not limited to, this Agreement, Easement or Lease, the document other than Appendix "D" shall control.

14.4 In the event any term or provision of this Agreement is determined by appropriate judicial authority to be illegal or otherwise invalid, such provision shall be given its nearest legal meaning or be construed as deleted, as such authority determines, and the remainder of this Agreement shall be construed to be in full force and effect.

14.5 This Agreement may be amended or modified only if executed in writing and with the same formality as the original.

14.6 This Agreement shall be governed by and construed and interpreted in accordance with the laws of the State of Florida.

14.7 All words, terms, and conditions herein contained are to be read in concert, each with the other, and a provision contained under one heading may be considered to be equally applicable under another heading in the interpretation of this Agreement.

14.8 Except as provided for herein, this Agreement may not be assigned without the prior written consent of the non-assigning party. The surviving obligations of Buyer as set forth in Sections 12.5 and 12.6 of this Agreement shall be fully assignable by Seller to any purchaser or future owner of the Real Property, as applicable, without Buyer's consent, subject in all respects to the survival provisions set forth in Section 12.7 of this Agreement. If properly assigned, this Agreement shall be binding upon and inure to the benefit of the parties' successors and assigns.

14.9 Buyer agrees that it does not have and will not have any claims or causes of action against the Seller Knowledge Individuals, or any disclosed or undisclosed officer, director, employee, trustee, shareholder, member, manager, partner, principal, parent, subsidiary or other affiliate of Seller, or any officer, director, employee, trustee, shareholder, partner or principal of any such parent, subsidiary or other affiliate or third-party property manager (collectively, "**Seller's Affiliates**"), arising out of or in connection with this Agreement or the transactions contemplated hereby. Buyer agrees to look solely to Seller and its assets for the satisfaction of any liability or obligation arising under this Agreement or the transactions contemplated hereby, or for the performance of any of the covenants, warranties or other agreements contained herein, and further agrees not to sue or otherwise seek to enforce any personal obligation against any of Seller's Affiliates with respect to any matters arising out of or in connection with this Agreement or the transactions

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

contemplated hereby. Seller agrees that it does not have and will not have any claims or causes of action against any disclosed or undisclosed officer, director, employee, trustee, shareholder, member, manager, partner, principal, parent, subsidiary or other affiliate of Buyer, or any officer, director, employee, trustee, shareholder, partner or principal of any such parent, subsidiary or other affiliate of Buyer arising out of or in connection with this Agreement or the transactions contemplated hereby.

14.10 This transaction and the Closing will be subject to the receipt of the Required Approvals, in all events upon terms and conditions reasonably acceptable to Seller and Buyer to enable Buyer to assume the ownership and operation of the water and wastewater systems and to provide water and wastewater service to the PSC Service Area and the Real Property.

14.11 Except as provided otherwise in this Section, Buyer and Seller, for the benefit of each other, hereby agree that neither of them will disclose or cause or permit to be publicly announced or disclosed, in any manner whatsoever, the terms, conditions or substance of this Agreement or the transactions contemplated herein, without first obtaining the consent of the other party hereto, which may be granted or withheld in the sole discretion of the other party. However, each party consents to any disclosure of this Agreement which the other party reasonably believes is required by law or which is recommended in good faith by counsel to such other party. Buyer hereby acknowledges and agrees that Buyer shall be prohibited from including any references to "Carlyle," or "Carlyle Realty" or "The Carlyle Group" in connection with any disclosures made by Buyer or Buyer's affiliates pursuant to this Section, including but not limited to any disclosures made by Buyer to Seller's vendors, suppliers, contractors, managers, employees, tenants or occupants at the Property. It is understood that the foregoing shall not preclude any party from discussing the substance or any relevant details of the transactions contemplated in this Agreement on a confidential basis with any of its attorneys, accountants, professional consultants, financial advisors, rating agencies, or potential lenders, as the case may be, or prevent any party hereto from complying with applicable laws, including, without limitation, governmental regulatory, disclosure, tax and reporting requirements. In addition to any other remedies available to Seller and Buyer, Seller and Buyer shall each have the right to seek equitable relief, including, without limitation, injunctive relief or specific performance, against the other party or its representatives in order to enforce the provisions of this Section. Notwithstanding any other provision of this Agreement, the provisions of Section shall survive the termination of this Agreement for one (1) year, but shall not survive Closing.

14.12 Neither party hereto shall be deemed to be in default with respect to any obligation to perform any of the terms, conditions or covenants of this Agreement if the failure to perform any such obligation is due, in whole or in part, to any strike, lockout, labor dispute, civil disorder, pandemic (including but not limited to COVID-19), failure of power, governmental laws and regulations, government mandated quarantines or travel bans, riots, insurrections, war, freight embargo, severe weather, or acts of God. If any one or more of the aforesaid occurs, the time for performance by the party shall be extended by an amount of time equal to the period of the delay so caused, for a period not to exceed ten (10) business days. All extensions of time granted pursuant to this Section shall extend the time period for the expiration of the Closing Date, as applicable.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

[Signatures on following pages]

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

IN WITNESS WHEREOF, the parties have hereunto caused this Agreement to be executed the day and year aforesaid.

SELLER:

CPI Citrus Park Utility TRS, L.L.C.

DocuSigned by:
Thomas Levy
CFC769CCAE65460...

By: Thomas Levy
Its: Authorized Person

Property Owner acknowledges its obligations set forth in Sections 2.2.7, 7 and 11.2.5 of this Agreement:

CPI Citrus Park Owner, L.L.C.

DocuSigned by:
Thomas Levy
CFC769CCAE65460...

By: Thomas Levy
Its: Authorized Person

(Signatures continue on the following page)

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

BUYER:

Bonita Springs Utilities, Inc.

Signed by:
Richard Garner
DB36542D5BE941D...

Richard Garner, President

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

APPENDIX "A"
REAL PROPERTY

PARCEL A

A PARCEL OF LAND LYING IN A PORTION OF SECTION 19, TOWNSHIP 47 SOUTH, RANGE 26 EAST, LEE COUNTY, FLORIDA, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A 3" X 3" CONCRETE MONUMENT MARKING THE SOUTHWEST CORNER OF SAID SECTION 19 RUN NORTH 01°00'52" WEST ALONG THE WEST LINE OF SAID SECTION 19 FOR A DISTANCE OF 5305.97 FEET TO A 3" X 3" CONCRETE MONUMENT (TOP BROKEN) MARKING THE NORTHWEST CORNER OF SAID SECTION 19; THENCE RUN NORTH 89°16'57" EAST ALONG THE NORTH LINE OF SAID SECTION 19 FOR A DISTANCE OF 3136.81 FEET TO THE SOUTHEAST CORNER OF THOSE LANDS AS DESCRIBED IN OFFICIAL RECORDS BOOK 1469, PAGE 1165, PUBLIC RECORDS OF LEE COUNTY, FLORIDA; THENCE LEAVING SAID NORTH LINE RUN SOUTH 01°07'28" EAST FOR A DISTANCE OF 2646.68 FEET TO THE SOUTHWEST CORNER OF THOSE LANDS AS DESCRIBED IN OFFICIAL RECORDS BOOK 2178, PAGE 1096 OF SAID PUBLIC RECORDS AND A POINT ON A NON-TANGENTIAL CIRCULAR CURVE; THENCE RUN 126.76 FEET ALONG THE ARC OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 114.97 FEET, A CENTRAL ANGLE OF 63°10'20", A CHORD DISTANCE OF 120.44 FEET AND A CHORD BEARING OF SOUTH 32°36'07" EAST TO A POINT OF TANGENCY; THENCE RUN SOUTH 64°11'17" EAST FOR A DISTANCE OF 187.10 FEET TO A POINT OF CURVATURE; THENCE RUN 165.78 FEET ALONG THE ARC OF A CURVE CONCAVE TO THE SOUTHWEST HAVING A RADIUS OF 150.00 FEET, A CENTRAL ANGLE OF 63°19'24", A CHORD DISTANCE OF 157.47 FEET AND A CHORD BEARING OF SOUTH 32°31'35" EAST TO A POINT OF TANGENCY; THENCE RUN SOUTH 00°51'53" EAST FOR A DISTANCE OF 2326.31 FEET TO A POINT ON THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 19; THENCE RUN SOUTH 89°05'32" WEST ALONG SAID SOUTH LINE FOR A DISTANCE OF 795.52 FEET TO A 4" X 4" CONCRETE MONUMENT MARKING THE SOUTH QUARTER CORNER OF SAID SECTION 19; THENCE RUN SOUTH 89°03'06" WEST ALONG THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 19 FOR A DISTANCE OF 2652.59 FEET TO THE POINT OF BEGINNING.

LESS AND EXCEPT THE PARCEL OF LAND VESTED IN THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION BY THE SUPPLEMENTAL ORDER OF TAKING RECORDED IN OFFICIAL RECORDS BOOK 1172, PAGE 1152 AND THE FINAL JUDGEMENT RECORDED IN OFFICIAL RECORDS BOOK 1665, PAGE 2701, DESCRIBED AS FOLLOWS:

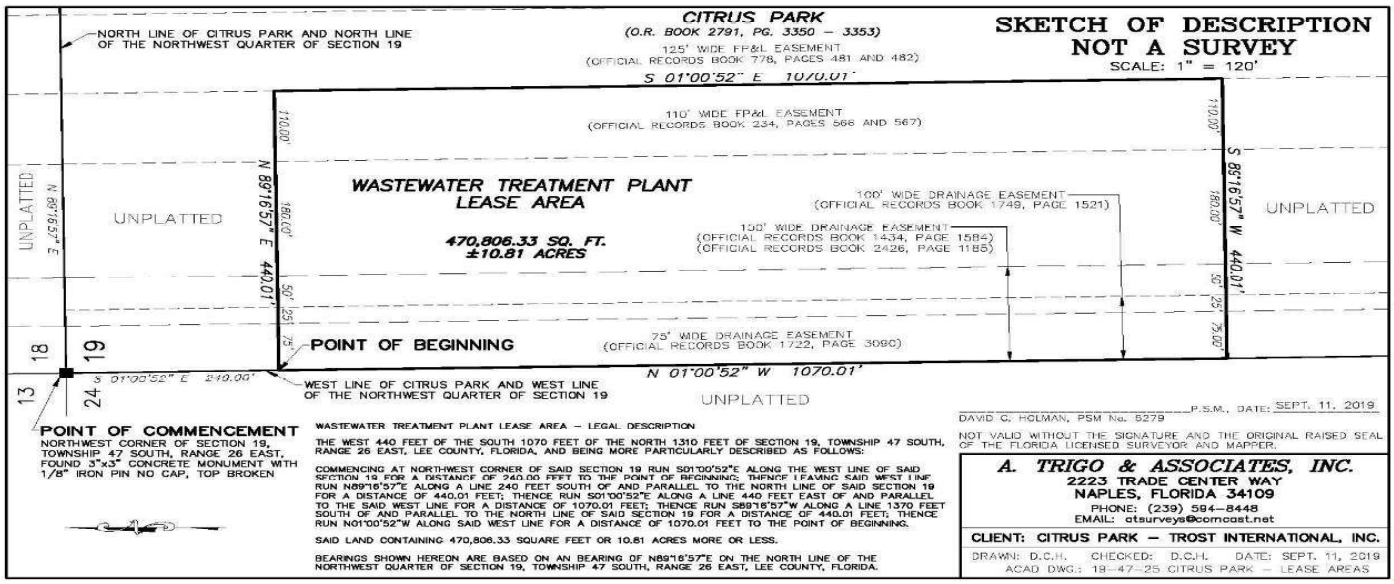
BEGIN ON THE SOUTH LINE OF SAID SECTION 19 AT A POINT NORTH 89°04'35.45" EAST 1,226.328 FEET FROM THE SOUTHWEST CORNER THEREOF; THENCE CONTINUE NORTH 89°04'35.45" EAST 130.001 FEET; THENCE NORTH 01°06'40.92" WEST 120.0 FEET; THENCE SOUTH 89°04'35.45" WEST 1,182.603 FEET; THENCE NORTH 0°55'24.55" WEST 20.0 FEET; THENCE SOUTH 89°04'35.45" WEST 173.654 FEET TO THE WEST LINE OF SAID SECTION 19; THENCE SOUTH 01°03'19.48" EAST 80.0 FEET; THENCE NORTH 89°04'35.45" EAST 1,226.270 FEET; THENCE SOUTH 01°06'40.92" EAST 60.0 FEET TO THE POINT OF BEGINNING.

PARCEL B

THE WEST 440.00 FEET OF THE SOUTH 1038.63 FEET OF SECTION 18, TOWNSHIP 47 SOUTH, RANGE 26 EAST, LEE COUNTY, FLORIDA.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

APPENDIX B
LEGAL DESCRIPTIONS OF SITES



WASTEWATER TREATMENT PLANT LEASE AREA – LEGAL DESCRIPTION

THE WEST 440 FEET OF THE SOUTH 1070 FEET OF THE NORTH 1310 FEET OF SECTION 19, TOWNSHIP 47 SOUTH, RANGE 26 EAST, LEE COUNTY, FLORIDA, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT NORTHWEST CORNER OF SAID SECTION 19 RUN S01°00'52"E ALONG THE WEST LINE OF SAID SECTION 19 FOR A DISTANCE OF 240.00 FEET TO THE POINT OF BEGINNING; THENCE LEAVING SAID WEST LINE RUN N89°16'57"E ALONG A LINE 240 FEET SOUTH OF AND PARALLEL TO THE NORTH LINE OF SAID SECTION 19 FOR A DISTANCE OF 440.01 FEET; THENCE RUN S01°00'52"E ALONG A LINE 440 FEET EAST OF AND PARALLEL TO THE SAID WEST LINE FOR A DISTANCE OF 1070.01 FEET; THENCE RUN S89°16'57"W ALONG A LINE 1370 FEET SOUTH OF AND PARALLEL TO THE NORTH LINE OF SAID SECTION 19 FOR A DISTANCE OF 440.01 FEET; THENCE RUN N01°00'52"W ALONG SAID WEST LINE FOR A DISTANCE OF 1070.01 FEET TO THE POINT OF BEGINNING.

SAID LAND CONTAINING 470,806.33 SQUARE FEET OR 10.81 ACRES MORE OR LESS.

BEARINGS SHOWN HEREON ARE BASED ON AN BEARING OF N89°16'57"E ON THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 19, TOWNSHIP 47 SOUTH, RANGE 26 EAST, LEE COUNTY, FLORIDA.

DAVID C. HOLMAN, PSM No. 5279 P.S.M., DATE: SEPT. 11, 2019

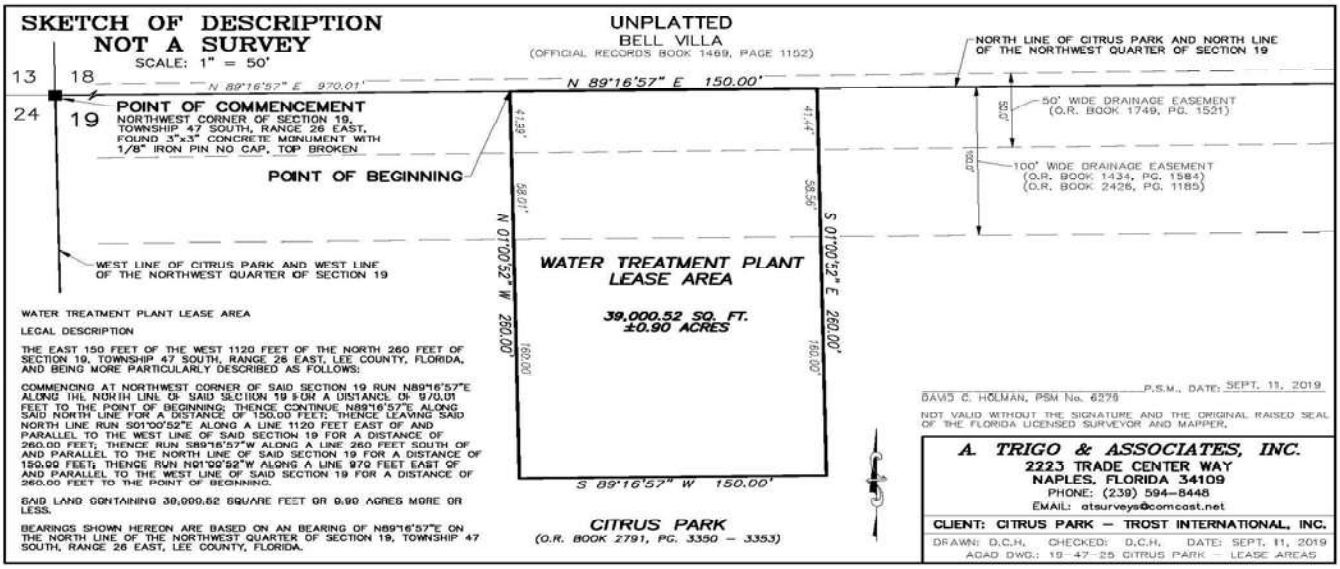
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF THE FLORIDA LICENSED SURVEYOR AND MAPPER.

A. TRIGO & ASSOCIATES, INC.
2223 TRADE CENTER WAY
NAPLES, FLORIDA 34109
PHONE: (239) 594-8448
EMAIL: atsurveys@comcast.net

CLIENT: CITRUS PARK – TROST INTERNATIONAL, INC.

DRAWN: D.C.H. CHECKED: D.C.H. DATE: SEPT. 11, 2019
ACAD DWG.: 18-47-25 CITRUS PARK – LEASE AREAS

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635



Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

APPENDIX "C"
TRANSFERRED FACILITIES IN LEASE

Water Treatment Facilities

3 wells serving a 495,000 gpd
- 2 wells @ 8" Nom. 200 gpm Cased 75-ft,
- 1 well @ 8" Nom. 50 gpm Cased 17-ft

Water Treatment Plants
- 395,000 gpd Conventional Plant
- 100,000 gpd Reverse Osmosis Plant

294,000-gallon ground storage tank
SFWMD Water Use Permit - expires 6/12/2039
- Annual Allocation 83.11 MG
- Maximum Month 10.18 MG.
- Both Lower Tamiami Aquifer and Water Table Aquifer.

Wastewater Treatment Facilities

199,000 gpd Wastewater Treatment Plant
- 88,000-gallon surge tank
- 2 Trains each Nom. 100,000 gal.
- 2 Clarifiers each 11,500 gal.
- 2 digesters totaling 67,000 gal.
- Chlorine Contact Chamber 2,600 gal.

Five (5) Rapid Infiltration Basins (RIBS) for effluent disposal of the same permitted capacity.
FDEP WWTP Permit - Capacity 199,000 gpd (3MADF)

Wastewater Transmission Facilities

11 Lift Stations
155 Manholes
2,500 LF of 3" Force Main
2,500 LF of 4" Force Main
2,000 LF of 6" Force Main

Inventory List

[to be appended to this Agreement by amendment following Buyer's inspection of the Transferred Facilities]

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

APPENDIX "D"

Utility System Component	Proposed or Existing?	Upon "Interconnect"	Ownership / Maintenance Party	Notes
Wastewater Treatment Plant	Existing	Decommissioned	BSU	Plant will be owned by BSU and returned to CPI Citrus Park Owner, L.L.C. upon decommissioning. Land owned by CPI Citrus Park Owner, L.L.C.; access subject to easement rights
Water Treatment Plant	Existing	Decommissioned	BSU	Plant will be owned by BSU and returned to CPI Citrus Park Owner, L.L.C. upon decommissioning. Land owned by CPI Citrus Park Owner, L.L.C.; access subject to easement rights
Three (3) Production Wells	Existing	Remain	BSU	Wells will be owned by BSU but land owned by CPI Citrus Park Owner, L.L.C.; access subject to easement rights
Eleven (11) Lift Stations within Bonita Terra	Existing	Remain	BSU	Access subject to easement rights
Sewer Force Mains to Master Lift Station	Existing	Remain	BSU	Access subject to easement rights
Master Lift Station	Proposed	Will be constructed to accommodate Interconnect	BSU	Access subject to easement rights
New Primary Water Main (Trost Blvd)	Proposed	Will be constructed to accommodate Interconnect	BSU	Access subject to easement rights
New Primary RAW Water Main	Proposed	Will be constructed to accommodate Interconnect	BSU	Access subject to easement rights
Bell Villa Master Meter	Existing	Remain	BSU	Access subject to easement rights
Bonita Terra Master Meter	Existing	Remain	BSU	Access subject to easement rights
Water transmission mains, distribution pipes and valves	Existing	Remain	CPI Citrus Park Owner, L.L.C.	
Wastewater gravity collection system	Existing	Remain	CPI Citrus Park Owner, L.L.C.	
New water meters at each home site	Proposed	Can be installed at any time	CPI Citrus Park Owner, L.L.C.	to be installed in future

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

APPENDIX 2.2.2
AUTHORIZATIONS AND PERMITS

- **Florida Public Service Commission ("PSC")**
    - PSC Order No. PSC-2020-0263-WS (dated July 27, 2020), proposing to grant CPI Citrus Park Utility TRS, L.L.C. Original Water Certificate No. 675-W and Original Wastewater Certificate No. 576-S.
    - PSC Order No. PSC-2020-285-CO-WS (dated August 21, 2020) consummating and making final PSC Order No. PSC-2020-0263-WS.
- **Florida Department of Environmental Protection ("FDEP")**
    - FDEP Domestic Wastewater Permit Number: FLA014477-007
    - FDEP Public Drinking Water Annual Operating License for Public Water System (Formerly FDOH permit, now administered and renewed through FDEP through 6/30/24).
- **Florida Department of Health ("FDOH")**
    - FDOH Water Treatment Plant Operating Permit Number: 0197637-005WC3C, for a Public Water System ID Number 5360102
- **South Florida Water Management District ("SFWMD")**
    - SFWMD Water Use Permit Number: 36-00208-W, for a Public Water Supply

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

APPENDIX 2.2.7
FORM OF EASEMENT

THIS INSTRUMENT PREPARED BY, AND AFTER RECORDING RETURN TO:

ACCESS, MAINTENANCE AND UTILITY EASEMENT AGREEMENT

This Access, Maintenance and Utility Easement Agreement (this "Agreement") is made this ___ day of _____, 2025 (the "Effective Date"), between CPI Citrus Park Owner, L.L.C., a Delaware limited liability company ("Citrus Park"), and Bonita Springs Utilities, Inc. a Florida not for profit corporation ("BSU").

WITNESSETH:

WHEREAS, Citrus Park is the owner of the mobile home and recreational vehicle park and various community amenities located at 25581 Trost Blvd., Bonita Springs, Lee County, Florida now known as Bonita Terra (the "Community") all of which are located on the real property described on **Exhibit "A"** attached hereto (the "Real Property"); and,

WHEREAS, as of the Effective Date, BSU is the owner a potable water supply, treatment, and storage system ("Water Treatment Facilities"), a wastewater treatment and disposal system ("Wastewater Treatment Facilities"), and wastewater transmission (force) mains (but not the wastewater gravity collection system and lift stations ("Wastewater Transmission Facilities") all as more particularly identified in **Exhibit "E"** attached hereto (collectively the "Facilities") located within and serving the Real Property, along with a water transmission and distribution system and wastewater gravity collection system owned by an affiliate of Citrus Park; and,

WHEREAS, in order for BSU to access and operate the Facilities prior to the construction of the Interconnects, Citrus Park and BSU have entered into a Lease Agreement as of the Effective Date (the "Lease'), whereby Citrus Park leases to BSU the portion of the Real Property containing the Water Treatment Facilities and Wastewater Treatment Facilities (the "Sites"), which Sites are more particularly depicted on **Exhibit "B"** hereto; and,

WHEREAS, in order for BSU to operate, maintain, repair and replace the Water Treatment Facilities and Wastewater Treatment Facilities prior to the construction of the Interconnects, and to decommission the Water Treatment Facilities and the Wastewater Treatment Facilities following the Interconnects, BSU requires ingress and egress to the Sites as called for in the Lease, for the term of the Lease; and,

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

WHEREAS, in order for BSU to operate, maintain, repair and replace the Wastewater Transmission Facilities, BSU requires ingress and egress to areas throughout the Real Property as more particularly described on **Exhibit "C"**; and,

WHEREAS, in order for BSU to construct, maintain and operate the water and wastewater interconnections to provide Services to the Community and water service to the neighboring subdivision of Bell Villa ("Bell Villa") through its regional treatment facilities interconnected with the Facilities as more particularly described on the plan attached as **Exhibit "D**" hereto (the "Interconnects"), BSU requires ingress and egress through the Real Property as more particularly described herein.

NOW, THEREFORE, for and in consideration of the mutual covenants and agreements contained herein and other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the parties hereby covenant and agree that BSU shall have the right to access portions of the Real Property for the purposes contained herein, subject to the terms and conditions hereinafter set forth in this Agreement.

1. **Recitals.** The foregoing recitals are true and correct and are incorporated herein by reference.

2. **Grant of Easement**.

2.1 Subject to the conditions set forth in Section 2.2 below, and for the purpose of BSU providing potable water and wastewater treatment and transmission service, Citrus Park hereby grants, gives and conveys to BSU the following:

(i) a non-exclusive access easement over, beneath and across the roadways constructed on the Real Property for purposes of accessing the Sites, together with an easement over, beneath and across the Sites to operate, maintain, repair, and replace the Facilities, which easement rights shall terminate upon termination of the Lease;

(ii) a non-exclusive access easement over, beneath and across the roadways constructed on the Real Property for purposes of accessing the Wastewater Transmission Facilities, together with an easement over, beneath and across those portions of the Real Property as depicted on Exhibit C hereto in order to operate, maintain, repair, and replace the Wastewater Transmission Facilities;

(iii) a non-exclusive access easement over, beneath and across the roadways constructed on the Real Property for purposes of accessing the Interconnects, together with an easement over, beneath and across those portions of the Real Property as depicted on Exhibit D hereto in order to construct, own, operate, maintain, repair, and replace the Interconnects;

(iv) a non-exclusive access easement over, beneath and across the existing roadways constructed on the Real Property for purposes of accessing the Well Facilities (as defined

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

below) together with the right to own, operate, maintain and repair the Well Facilities in accordance with this Agreement; and,

(v) the right to make extensions, relocations and improvements to its water and wastewater transmission systems including, but not limited to, looping water transmission mains, provided that all such extensions, relocations and improvements shall be subject to Citrus Park's prior written approval, which may not be unreasonably withheld, but shall be subject in all respects to Citrus Park's rights pursuant to Section 2.3 below. The parties agree that if such extensions, relocations or improvements are agreed upon pursuant to this Section that the parties may record a modification to this Agreement or a new easement further describing the foregoing.

2.2 Consistent with its water use permit (and provided that BSU shall not increase the well production threshold in any manner that would subject Citrus Park to state, county or other applicable rules and regulations for wellfield protection) BSU shall have the right to own, operate, maintain, repair and replace the raw water production wells and associated monitoring wells comprising a portion of the Water Treatment Facilities, along with a future raw water transmission main ("Well Facilities"), which rights shall remain after the termination of the Lease. It is intended that the Well Facilities will continue as a source of raw water supply, through the raw water transmission main, as a part of BSU's West Wellfield for as long as BSU provides potable water service to the Community. BSU's ownership of the Well Facilities is limited to a personal property interest in the Well Facilities not any real property interest other than the easement rights conveyed herein. If at any time BSU ceases to provide potable water services to the Real Property then, at Citrus Park's election, any easement rights related to the Well Facilities shall be deemed terminated and BSU shall either: (a) convey the Well Facilities to Citrus Park or an entity designated by Citrus Park pursuant to a bill of sale in a form reasonably acceptable to the parties, or (b) decommission the Well Facilities in accordance with applicable law. If BSU does not deliver such bill of sale or decommission the Well Facilities in accordance with the immediately preceding sentence, then Citrus Park shall have the right to deem such Well Facilities abandoned and pursue any legal or equitable remedies referenced in this Agreement;

2.3 The grant set forth above shall be subject in all respects to: (i) any existing easements, reservations, restrictions and rights of way of record, (ii) Citrus Park's right to use and operate the Real Property, except that Citrus Park shall not construct or permit new improvements within the easement area that interfere with BSU's right to access, operate, maintain and repair BSU's existing utility infrastructure (provided that in no event shall the foregoing prohibit Citrus Park from repairing or replacing mobile homes in their existing locations), (iii) each tenant or resident's right to occupy his, her or their respective pad site without unreasonable or material interference from BSU, and (iv) the terms and conditions of BSU's Franchise with Lee County and the City of Bonita Springs and its approved Tariffs. As used in the foregoing (ii), "improvements" shall include, without limitation: buildings, walls, fences, pools, fountains, footers, columns, piers, anchor bolts, pilings, overhangs, and slabs. At any time during the term of this Agreement, Citrus Park shall have the right to cause BSU to relocate any of its facilities then existing on the Real Property as may be required for Citrus Park to operate or expand Citrus Park's operations on the Real Property, at Citrus Park's sole expense (the "Relocation"). BSU shall promptly execute such further assurances of the foregoing from time to time as may be reasonably requested by Citrus Park in connection with any applications for municipal permits and related matters.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

2.4 If at any time BSU ceases providing potable water and/or wastewater services to the Real Property (excepting temporary service interruptions related to maintenance and repair work or in connection with a material casualty that causes damage to the utility infrastructure), then the easements granted pursuant to this Agreement shall be deemed terminated and this Agreement shall be of no further force or effect.

2.5 All operation, maintenance, repair and replacement obligations regarding the Facilities (for such time as they are in service) or other BSU facilities shall be at the sole cost and expense of BSU, with the exception of a Relocation. BSU shall perform any work required in connection with this Agreement in a good and workmanlike, safe and efficient manner which minimizes the effect thereof (to the extent commercially reasonable) upon the use and operations of the Citrus Park and the Community, and in compliance with all applicable laws and regulations (including, but not limited to, all applicable environmental laws) after obtaining, and in compliance with, all necessary permits, licenses and approvals. Upon completion of any such work, the work area will be restored promptly by BSU to its pre-work appearance and condition in all respects. At any and all times that BSU (or anyone acting by, through or under BSU) enters onto the Real Property to perform such work, BSU shall maintain the following insurance policies:

(i) A policy of comprehensive general liability insurance covering all activity and conduct of BSU and BSU's agents while exercising the right of access and use of the Easement Area as described in this Agreement. The comprehensive general liability policy of insurance required to be maintained pursuant to this Section shall be in amounts and covering such risks as are usually carried by commercial property owners in Lee County, Florida, and in any event, shall be in an amount of not less than $1,000,000 per occurrence and $2,000,000 aggregate per location or per project and $2,000,000 Products & Completed Operations, shall include contractual liability and coverage for bodily injury and property damage liability written on an occurrence basis with broad form endorsement, and shall otherwise be commercially reasonable in form and substance.

(ii) Automobile liability insurance in the amount of $1,000,000 per occurrence providing coverage for all owned, non-owned and hired vehicles;

(iii) Statutory workers' compensation insurance and employer's liability in the amount of $1,000,000 per accident/per disease/per employee;

(iv) Umbrella liability insurance in an amount not less than $5,000,000 per occurrence and in the general aggregate, which limit may be satisfied by any combination of primary or excess/umbrella per occurrence policies providing coverage at least as broad as the underlying commercial general liability, employer's liability and automobile liability insurance policies, and

(v) During the course of any environmental testing or related inspections on the Real Property, BSU shall carry or cause any parties performing the environmental services on behalf of BSU to carry pollution liability insurance in amounts no less than $2,000,000 per occurrence/general aggregate on a per project basis.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

All insurance policies shall include a waiver of subrogation, and shall be primary to, and not in excess of or contributing with, any insurance or self-insurance maintained by Citrus Park, Citrus Park's lender or Citrus Park's property manager/agent with respect to the Real Property, and shall be kept and maintained in force during the term of this Agreement and so long thereafter as necessary to cover any claims of damages suffered by persons or property resulting from any acts or omissions of BSU and/or any party acting by, through or on behalf of BSU.

Prior to the Effective Date and otherwise periodically at the request of Citrus Park, BSU shall: (a) deliver to Citrus Park written evidence establishing to Citrus Park's reasonable satisfaction that such adequate and appropriate insurance is being maintained and in full force and effect and (b) cause Citrus Park, Citrus Park's lender, Citrus Park's property manager, and any designee(s) of Citrus Park to be named as additional insureds on a primary and non-contributory basis under the insurance policies to be maintained in accordance with this Section, except with respect to workers' compensation insurance. The provisions of this Section shall survive any termination of this Agreement.

3. **Remedies**.

3.1 Self-Help. If BSU defaults in the performance of its obligations hereunder and such default is not cured within fifteen (15) days after delivery of written notice Citrus Park shall have the right to perform such obligation, in which event BSU shall reimburse Citrus Park for all amounts actually expended, including reasonable attorneys' fees. In the event of a failure to reimburse within thirty (30) days after receipt of written request for reimbursement, all amounts due shall accrue interest thereon at the lesser of ten percent (10%) per annum ("Default Rate") or the maximum rate permitted by law.

3.2 Injunctive Relief. In the event of a default that cannot be cured by the mere payment of money, and following written notice and a reasonable opportunity to cure as provided in Section 3.1 above, the non-defaulting party shall be entitled to seek injunctive relief and seek compliance with the obligations created under this Agreement and shall be entitled to obtain a decree specifically enforcing performance hereunder.

3.3 Non-Waiver. No waiver by a party of any violation or breach of any of the terms contained herein shall waive such party's rights regarding any future violation of such term. Except as otherwise specifically provided in this Agreement, the remedies set forth in this Agreement shall be cumulative and may be pursued successively or concurrently.

4. **Miscellaneous**.

4.1 The rights, obligations, covenants and conditions described herein shall run with the Real Property and shall be binding upon and inure to the benefit Citrus Park, BSU and each of their respective successors and assigns. BSU may not assign BSU's rights and obligations hereunder except to the extent that such assignee assumes all of BSU's rights and obligations, or enters into a new agreement, regarding utility service the Real Property. This Agreement shall be construed in accordance

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

with Florida law and shall not be amended or modified unless in writing executed by the parties hereto, or their respective successors or assigns. The proper venue of any action or proceeding arising hereunder shall be Lee County, Florida.

4.2 Invalidation of any of the provisions contained in this Agreement, or of the application thereof to any party by judgment or court order, shall in no way affect any of the other provisions hereof or the application thereof and the same shall remain in full force and effect.

4.3 To the maximum extent permitted by law, BSU agrees to indemnify and save harmless Citrus Park and its owners, officers, employees, managers, tenants, residents, contractors, guests, invitees, licensees and designees (collectively, the "Citrus Park Parties"), from and against all claims, losses, damages and liabilities arising from any injury to or death of any person, any damage to property, the release of hazardous substances and/or petroleum products to the air, water, surface or subsurface, or the exacerbation of any pre-existing environmental conditions, resulting from the use of the easement areas described in this Agreement by BSU or its guests, tenants, employees, invitees, licensees and designees; provided that such indemnity shall not apply in the event of gross negligence or intentional misconduct of the Citrus Park Parties.

4.4 To the maximum extent permitted by law, Citrus Park agrees to indemnify and save harmless BSU and its owners, officers, employees, managers, and contractors (collectively, the "BSU Parties"), from and against all claims, losses, damages and liabilities directly resulting from damage or injury to BSU Parties, the Facilities or BSU off-site facilities to the extent caused by the actions of Citrus Park or its guests, tenants, employees, invitees, licensees and designees; provided that such indemnity shall not apply in the event of gross negligence or intentional misconduct of the BSU Parties, or if BSU is in default under the terms of this Agreement.

4.5 Any notice, demand or request which may be permitted, required or desired to be given in connection with this Agreement shall be given in writing and directed set forth below.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

If to BSU:

Executive Director

Bonita Springs Utilities, Inc. 11900 East Terry Street Bonita Springs, FL 34135

With a copy to:

Scott Beatty, Esq

Henderson Franklin Starnes & Holt, P.A.

3451 Bonita Bay Blvd., Ste. 206

Bonita Springs, FL 34134

If to Citrus Park:

DLA Piper LLP (US)

c/o Frederick L. Klein and Meagan Ekimoff

500 Eighth Street NW

Washington, DC 20004

And with copy to:

Wells Fargo Bank, National Association

2030 Main Street, 8th Floor

Irvine, California 92614-7255

Attention: Blake Daniels

Relationship Manager

BSU shall notify Citrus Park via electronic mail to the property manager (as designated by Citrus Park) at least seven (7) days in advance of any work on the Utility System outside of routine maintenance and repairs. To the extent that BSU provides notice of any work to Citrus Park pursuant to this Section, Citrus Park agrees to assist with coordinating notices to the residents of the Real Property, as appropriate.

4.6 The article, section, subsection, paragraph and/or other headings of this Agreement are for convenience only and in no way limit or enlarge the scope or meaning of the language hereof.

4.7 BSU's use of the easements granted under this Agreement shall be subject in all respects to the terms, conditions and limitations of all permits and approvals applicable to the Facilities.

4.8 In the event of legal action regarding this Agreement or the rights and obligations of the parties to this Agreement, the party prevailing in such action will be entitled, in addition to such other relief as may be granted, to its reasonable expenses, costs and attorneys' fees.

4.9 Following the termination of the Lease, BSU shall have no further easement rights with respect to the Sites, except as may be expressly contemplated by the exhibits hereunder or as otherwise approved by Citrus Park. The parties agree that following the termination of the Lease in accordance with its terms, Citrus Park shall have the right to record a termination of the Lease or an amendment to this Agreement in order to confirm the foregoing easement rights no longer apply.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

4.10 Notwithstanding anything appearing to the contrary in this Agreement, no direct or indirect partner, member or shareholder of either BSU or Citrus Park (or any officer, director, agent, member, manager, personal representative, trustee or employee of any such direct or indirect partner, member or shareholder of BSU or Citrus Park, as applicable) shall be personally liable for the performance of the obligations of, or in respect of any claims arising against BSU or Citrus Park, as applicable, under this Agreement. No personal judgment shall be sought or obtained against any of the foregoing in connection with this Agreement.

[signature pages follow]

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

IN WITNESS WHEREOF, the parties have hereunto set their hand and seals upon the dates so designated below.

WITNESSES:

_____
Print Name:_____

_____
Print Name:_____

BSU:

BONITA SPRINGS UTILITIES, INC.
a Florida not for profit corporation

_____
Richard Garner, President

STATE OF FLORIDA COUNTY OF LEE

The foregoing instrument was acknowledged before me by means of (_) personal presence or (____) online notarization, this ____day of_____, 2025, by Richard Garner, as President, of Bonita Springs Utilities, Inc., a Florida not for profit corporation, on behalf of the corporation. He/she is personally known to me or who has produced a driver's license as identification.

_____
Notary Public, State of Florida

NOTARY RUBBER STAMP SEAL
OR EMBOSSED SEAL

_____
Printed Name of Notary Public

_____ _____
Commission No. Exp. Date

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

WITNESSES:

CITRUS PARK:

Name:_____

CPI Citrus Park Owner, L.L.C. Print
a Delaware limited liability company

By:_____
Print Name:_____
Title:_____

_____

Print Name:_____

DISTRICT OF COLUMBIA

The foregoing instrument was acknowledged before me by means of (_) personal presence or (___) online notarization, this _____day of_____, 202_, by _____, as_____of CPI Citrus Park Owner, L.L.C., a Delaware limited liability company, on behalf of the company. He/she is personally known to me.

_____

Notary Public

NOTARY RUBBER STAMP SEAL
OR EMBOSSED SEAL

_____
Printed Name of Notary Public

_____ _____

Commission No. Exp. Date

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

Exhibit "A"

The Real Property

PARCEL A

A PARCEL OF LAND LYING IN A PORTION OF SECTION 19, TOWNSHIP 47 SOUTH, RANGE 26 EAST, LEE COUNTY, FLORIDA, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A 3" X 3" CONCRETE MONUMENT MARKING THE SOUTHWEST CORNER OF SAID SECTION 19 RUN NORTH 01°00'52" WEST ALONG THE WEST LINE OF SAID SECTION 19 FOR A DISTANCE OF 5305.97 FEET TO A 3" X 3" CONCRETE MONUMENT (TOP BROKEN) MARKING THE NORTHWEST CORNER OF SAID SECTION 19; THENCE RUN NORTH 89°16'57" EAST ALONG THE NORTH LINE OF SAID SECTION 19 FOR A DISTANCE OF 3136.81 FEET TO THE SOUTHEAST CORNER OF THOSE LANDS AS DESCRIBED IN OFFICIAL RECORDS BOOK 1469, PAGE 1165, PUBLIC RECORDS OF LEE COUNTY, FLORIDA; THENCE LEAVING SAID NORTH LINE RUN SOUTH 01°07'28" EAST FOR A DISTANCE OF 2646.68 FEET TO THE SOUTHWEST CORNER OF THOSE LANDS AS DESCRIBED IN OFFICIAL RECORDS BOOK 2178, PAGE 1096 OF SAID PUBLIC RECORDS AND A POINT ON A NON-TANGENTIAL CIRCULAR CURVE; THENCE RUN 126.76 FEET ALONG THE ARC OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 114.97 FEET, A CENTRAL ANGLE OF 63°10'20", A CHORD DISTANCE OF 120.44 FEET AND A CHORD BEARING OF SOUTH 32°36'07" EAST TO A POINT OF TANGENCY; THENCE RUN SOUTH 64°11'17" EAST FOR A DISTANCE OF 187.10 FEET TO A POINT OF CURVATURE; THENCE RUN 165.78 FEET ALONG THE ARC OF A CURVE CONCAVE TO THE SOUTHWEST HAVING A RADIUS OF 150.00 FEET, A CENTRAL ANGLE OF 63°19'24", A CHORD DISTANCE OF 157.47 FEET AND A CHORD BEARING OF SOUTH 32°31'35" EAST TO A POINT OF TANGENCY; THENCE RUN SOUTH 00°51'53" EAST FOR A DISTANCE OF 2326.31 FEET TO A POINT ON THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 19; THENCE RUN SOUTH 89°05'32" WEST ALONG SAID SOUTH LINE FOR A DISTANCE OF 795.52 FEET TO A 4" X 4" CONCRETE MONUMENT MARKING THE SOUTH QUARTER CORNER OF SAID SECTION 19; THENCE RUN SOUTH 89°03'06" WEST ALONG THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 19 FOR A DISTANCE OF 2652.59 FEET TO THE POINT OF BEGINNING.

LESS AND EXCEPT THE PARCEL OF LAND VESTED IN THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION BY THE SUPPLEMENTAL ORDER OF TAKING RECORDED IN OFFICIAL RECORDS BOOK 1172, PAGE 1152 AND THE FINAL JUDGEMENT RECORDED IN OFFICIAL RECORDS BOOK 1665, PAGE 2701, DESCRIBED AS FOLLOWS:

BEGIN ON THE SOUTH LINE OF SAID SECTION 19 AT A POINT NORTH 89°04'35.45" EAST 1,226.328 FEET FROM THE SOUTHWEST CORNER THEREOF; THENCE CONTINUE NORTH 89°04'35.45" EAST 130.001 FEET; THENCE NORTH 01°06'40.92" WEST 120.0 FEET; THENCE SOUTH 89°04'35.45" WEST 1,182.603 FEET; THENCE NORTH 0°55'24.55" WEST 20.0 FEET; THENCE SOUTH 89°04'35.45" WEST 173.654 FEET TO THE WEST LINE OF SAID SECTION 19; THENCE SOUTH 01°03'19.48" EAST 80.0 FEET; THENCE NORTH 89°04'35.45" EAST 1,226.270 FEET; THENCE SOUTH 01°06'40.92" EAST 60.0 FEET TO THE POINT OF BEGINNING.

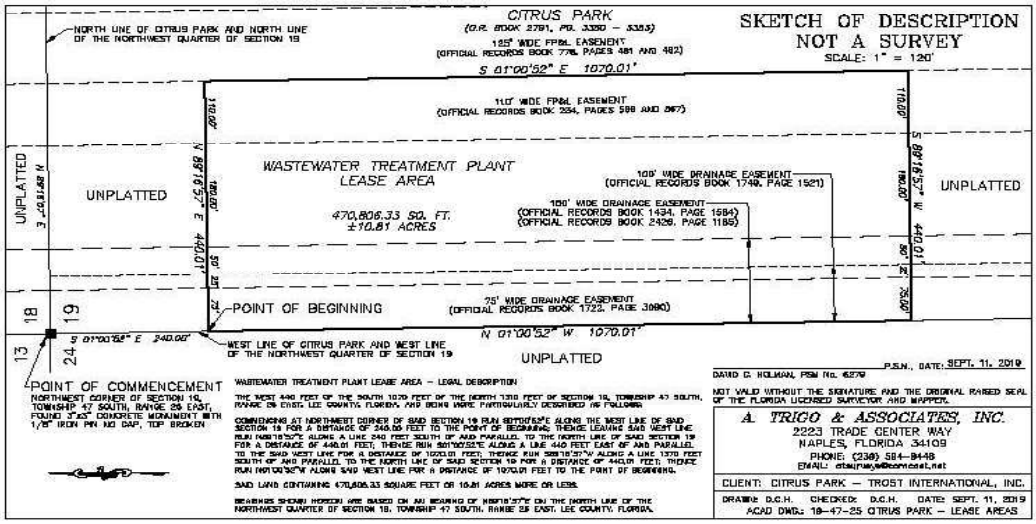
PARCEL B

THE WEST 440.00 FEET OF THE SOUTH 1038.63 FEET OF SECTION 18, TOWNSHIP 47 SOUTH, RANGE 26 EAST, LEE COUNTY, FLORIDA.

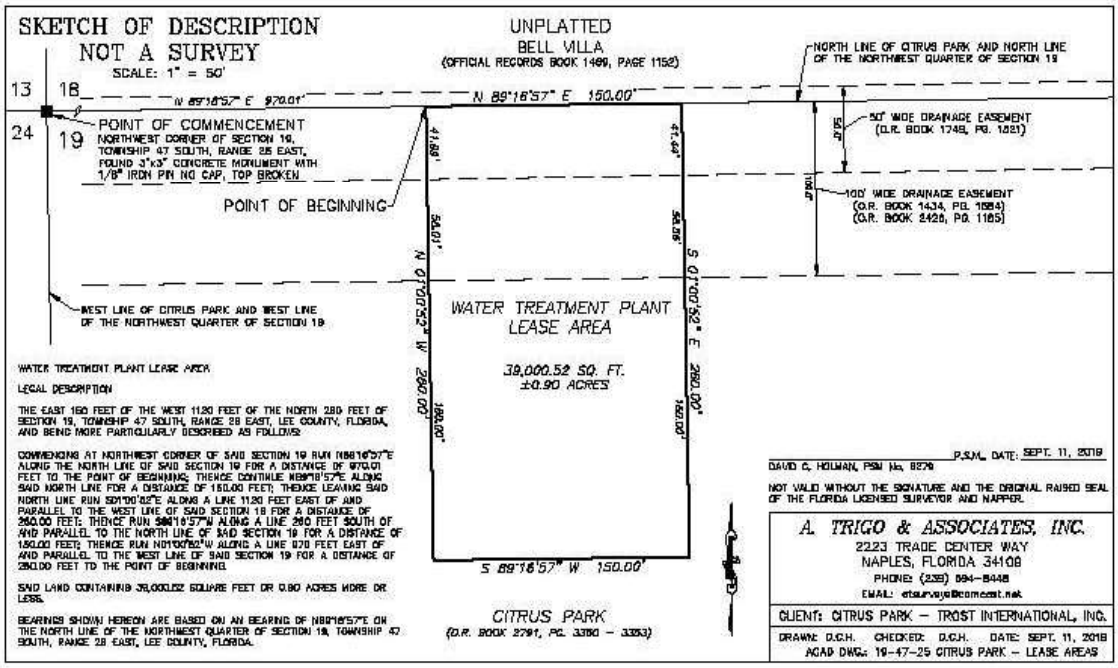
Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

Exhibit "B"

Legal Descriptions of Sites



Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635



Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

Exhibit "C"

Existing Utility Infrastructure – Wastewater Transmission Facilities

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

Exhibit "D"

Interconnects

Water offsite and onsite

6,250 LF of 12" WM from Operations Way to WTP/distribution point (1 ditch crossing) and to Eastern side of Property for ultimate connection to Bonita Grande water main
(4) 12" Gate Valves
Connect to 12" WM W Morton
Furnish/Install/Connect 10" Meter & BFP Assembly to existing 8" main
Road, Driveway and General Restoration
[Alternate 12" WM is 8"]

Wastewater

Lift station/existing FM collection tie-in 6'Dia/15'Depth/7.5 HP
8" Plug valve
500 LF of 8" FM (1 ditch crossing)
Connect to 24" FM

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

Exhibit "E"
Transferred Facilities in Lease

Water

3 wells serving a 495,000 gpd WTP with a 294,000-gallon ground storage tank with a transmission/distribution system containing a 4", a 6" and an 8" master meters (3 meters).

a) SFWMD WUP expires 6/12/2039 Annual Allocation 83.11 MG Maximum Month 10.18 MG. Both Lower Tamiami Aquifer and Water Table Aquifer.
b) WTP – 100,000 gpd R.O., 395,000 gpd Conventional WTP
c) Wells – 2 @ 8" Nom. 200 gpm Cased 75-ft, 1 @ 8" Nom. 50 gpm Cased 17-ft

Wastewater

199,000 gpd WWTP with five (5) RIBS for disposal of the same permitted capacity.

a) FDEP WWTP - Capacity 199,000 gpd 3MADF
- 88,000-gallon surge tank
- 2 Trains each Nom. 100,000 gal.
- 2 Clarifiers each 11,500 gal.
- 2 digesters totaling 67,000 gal.
- Chlorine Contact Chamber 2,600 gal.

b) Reuse/Disposal – Cap. 199,000 gpd 3 MADF
- 5 Rapid Infiltration Basins

TREATMENT AND TRANSMISSION FACILITIES

Water Treatment Facilities

3 wells serving a 495,000 gpd
2 wells @ 8" Nom. 200 gpm Cased 75-ft,
1 well @ 8" Nom. 50 gpm Cased 17-ft
Water Treatment Plants
395,000 gpd Conventional Plant
100,000 gpd Reverse Osmosis Plant
294,000-gallon ground storage tank
SFWMD Water Use Permit - expires 6/12/2039
Annual Allocation 83.11 MG
Maximum Month 10.18 MG.
Both Lower Tamiami Aquifer and Water Table Aquifer.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

Wastewater Treatment Facilities

199,000 gpd Wastewater Treatment Plant
- 88,000-gallon surge tank
- 2 Trains each Nom. 100,000 gal.
- 2 Clarifiers each 11,500 gal.
- 2 digesters totaling 67,000 gal.
- Chlorine Contact Chamber 2,600 gal.

Five (5) Rapid Infiltration Basins (RIBS) for effluent disposal of the same permitted capacity.
FDEP WWTP Permit - Capacity 199,000 gpd (3MADF)

Wastewater Transmission Facilities

11 Lift Stations
155 Manholes
2,500 LF of 3" Force Main
2,500 LF of 4" Force Main
2,000 LF of 6" Force Main

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

APPENDIX 5.5.2 (a)
ENVIRONMENTAL LAW COMPLIANCE

- Matters addressed in that February 2, 2024 Warning Letter from the Florida Department of Environmental Protection (FDEP)
- Matters addressed in that April 19, 2023 Compliance Assistance Offer from the FDEP to CPI Citrus Park Owner, L.L.C.
- Matter addressed in that March 2, 2021 Warning Letter from FDEP to Eric Zimmerman
- Matters addressed in that October 18, 2018 Compliance Assistance Offer from FDEP to Tamara Swan

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

APPENDIX 5.5.2 (c)
ENVIRONMENTAL NOTICES

- April 19, 2023 Compliance Assistance Offer from the Florida Department of Environmental Protection (FDEP) to CPI Citrus Park Owner, LLC, as updated by Compliance Letter from FDEP dated July 15, 2023
- March 2, 2021 Warning Letter from FDEP to Eric Zimmerman
- February 2, 2024 Warning Letter from FDEP
- April 25, 2024 FDEP warning letter meeting notes
- May 9, 2024 Source Inc response to DEP warning letter meeting notes
- October 22, 2024 Source Inc Letter indicating all matters in May 9, 2024 response letter are complete

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

APPENDIX 5.5.2 (d), (e), (f)
DISCLOSURES RELATED TO HAZARDOUS SUBSTANCES

Section 5.5.2(d) (Hazardous Materials Located on the Sites in Violation of Environmental Law):

- Matters addressed in that February 2, 2024 Warning Letter from the Florida Department of Environmental Protection (FDEP)
- Matters addressed in that April 19, 2023 Compliance Assistance Offer from the Florida Department of Environmental Protection (FDEP) to CPI Citrus Park Owner, L.L.C.*
- Matter addressed in that March 2, 2021 Warning Letter from FDEP to Eric Zimmerman
- April 11, 2019 Phase I Environmental Site Assessment prepared by Blackstone Consulting for Carlyle Investment Management L.L.C.

Section 5.5.2(e) (Written or Verbal Notification of a Release):
None identified

Section 5.5.2(f) (Release of Hazardous Materials in Violation of Environmental Law):

- Matters addressed in that February 2, 2024 Warning Letter from the Florida Department of Environmental Protection (FDEP)**
- Matters addressed in that April 19, 2023 Compliance Assistance Offer from the Florida Department of Environmental Protection (FDEP) to CPI Citrus park Owner, LLC*
- Matter addressed in that March 2, 2021 Warning Letter from FDEP to Eric Zimmerman
- April 11, 2019 Phase I Environmental Site Assessment prepared by Blackstone Consulting for Carlyle Investment Management L.L.C.

*Note compliance letter received July 13, 2023
** Note compliance letter received October 22, 2024

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

APPENDIX 5.6
PENDING LEGAL ACTION

None.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

APPENDIX 7.1
FORM OF LEASE

WATER AND WASTEWATER SITE LEASE AGREEMENT

THIS WATER AND WASTEWATER SITE LEASE (the "Lease") is effective as of this _____ day of _____, 2025 (the "Effective Date"), by and between CPI Citrus Park Owner, L.L.C., a Delaware limited liability company (hereinafter referred to as "Owner"), and Bonita Springs Utilities, Inc., a Florida not-for-profit corporation (hereinafter referred to as "Service Company").

RECITALS

WHEREAS, Owner is the owner of the mobile home and recreational vehicle ("RV") park community located in Lee County, Florida, known as Bonita Terra RV Resort and Manufactured Home Community (the "Community"), located at 25581 Trost Blvd., Bonita Springs, Florida, including community amenities, a water treatment plant, a wastewater treatment plant, and appurtenances, all of which are located within the Community;

WHEREAS, prior to the Effective Date, Owner's affiliate, CPI Citrus Park Utility TRS, L.L.C. ("TRS") provided water and wastewater services to tenants in the Community (the "Services") through the operation of its Utility Systems including, but not limited to, the Water Treatment Facilities and Wastewater Treatment Facilities (collectively the "Facilities");

WHEREAS, prior to the Effective Date, TRS also provided bulk water service from the Water Treatment Facilities to the Bell Villa Subdivision ("Bell Villa") adjacent to the Community;

WHEREAS, TRS and Service Company entered into that certain Agreement for Purchase and Sale of Water and Wastewater Assets dated _____, 2025 (the "Purchase Agreement") in which TRS has agreed to sell the Purchased Assets, including the Facilities, to Service Company and Service Company has agreed to purchase and operate the Facilities to provide the Services, subject to completion of the Interconnect;

WHEREAS, pursuant to this Lease, Service Company desires to lease from Owner a portion of the Sites upon which the Facilities are located in order to access and operate the Facilities and the Interconnect on the terms and conditions set forth herein.

NOW, THEREFORE, in consideration of ten dollars ($10), and the covenants set forth herein, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

1. RECITALS.

The statements in the recitals set forth above are true and correct, and by this reference are made part of this Lease.

2. DEFINITIONS.

Capitalized terms used in this Lease shall have the meanings and definitions ascribed to them in the Purchase Agreement unless the context indicates a different meaning.

3. TERM; RIGHT TO TERMINATE.

Owner hereby leases to Service Company and Service Company hereby leases from Owner, the Sites, upon the terms and subject to the conditions set forth herein. This Lease shall be effective for a period of twenty-four (24) months ("Lease Term") commencing on the Effective Date and expiring on the last day of the twenty-fourth month (the "Expiration Date"), unless sooner terminated in accordance with the terms of this Lease.

Provided that Service Company is not in default of this Lease and is diligently pursuing the Interconnect, Service Company shall have the right and option, exercisable upon written notice to Owner no later than sixty (60) days prior to the Expiration Date, or the expiration date of the applicable Renewal Period, as the case may be, to extend the Lease Term for two (2) separate successive renewal periods of one (1) year each (each such period being hereinafter called a "Renewal Period") upon the same terms and conditions as set forth in this Lease.

Owner and Service Company acknowledge that the desire of Owner and Service Company is for Service Company to ultimately provide the Services to the Community and Bell Villa through its regional treatment facilities interconnected with the Facilities (the "Interconnect"). Service Company hereby covenants to complete the Interconnect as soon as reasonably possible, but in any event on or prior to the Expiration Date, as such date may be extended in accordance with this Lease. Upon completion of the Interconnect, either Service Company or Owner shall have the right to terminate this Lease prior to the Expiration Date, upon not less than thirty (30) days' notice to the other, provided that all of the following conditions have been fully satisfied:

(i) transfer of all Services to an off-site location operated by Service Company so that there is no interruption of Services to the Community and Bell Villa;

(ii) completion of Service Company's decommissioning tasks as set forth in Exhibit "C"; and,

(iii) having obtained a Phase I Environmental Site Assessments ("ESA") (and a subsequent Phase Two ESA if Owner determines one is necessary based on the Phase I assessment results) of each parcel comprising the Sites, and compare it to that certain ESA obtained by Service Company pursuant to the Purchase Agreement (the "Baseline Environmental Audit"). The cost of the ESA will be

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

shared equally by Service Company and Owner. To the extent that the updated ESA identifies any material environmental violation resulting from Service Company's activities on the Sites (collectively, "Environmental Matters") and not disclosed in the Baseline Audit, Service Company shall, at its cost, be required to perform any investigation, removal or remediation necessary to address the Environmental Matters to Owner's reasonable satisfaction.

The parties acknowledge and agree that Exhibit "D" attached hereto summarizes the existing and future anticipated ownership and maintenance responsibilities for the Sites, the Interconnects and any infrastructure related thereto and that Appendix "D" is intended for the convenience and information of the Parties and, in the event of conflict between Appendix "D" and any other document, appendix or exhibit in this transaction including, but not limited to, this Lease, Purchase Agreement, or Easement, the document other than Appendix "D" shall control.

4. RENTS.

Service Company shall not be obligated to pay any base rent for the lease of the Sites provided that Service Company is not in breach of its obligations under this Lease. Notwithstanding the foregoing, Service Company shall be responsible for the payment of all costs, fees and expenses relating to the operation of the Facilities thereon, including, but not limited to, all expenses for the repairs and maintenance of the Facilities as set forth in Section 10 hereof, taxes as set forth in Section 15 hereof, all utilities as set forth in Section 11 hereof, all insurance as set forth in Section 16, and all other costs, fees, or other expenses associated with the use and operation of the Sites, all of which shall constitute additional rent hereunder.

5. ACCESS TO SITES.

For purposes of this Lease Service Company shall have access to the Sites pursuant to that certain Access, Maintenance and Utility Easement Agreement between the parties.

6. DESCRIPTION OF LEASED PREMISES.

The leased premises shall be comprised of the Sites.

7. PERMITS.

Owner or Owner's affiliate shall assign, or Service Company shall secure on its own behalf and at its own expense, as may be required, all permits, certificates, and approvals as may be required by any governmental entity including, but not limited to, Lee County, U.S. Army Corp of Engineers, the United States Environmental Protection Agency ("USEPA"), the Florida Department of Environmental Protection ("FDEP"), and the South Florida Water Management District to operate the Facilities. Service Company shall keep Owner reasonably informed regarding the termination or material modification to any such permits, certificates and approvals.

Throughout the term of this Lease, Service Company shall undertake to operate and

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

maintain all Facilities and the Sites in a safe, efficient and sufficient manner and in compliance with common law, statutes, and regulations relating to the protection of health, safety or environmental conditions and all federal, State, and local laws and regulations ("Environmental Requirements"), at Service Company's sole cost and expense. Service Company shall be responsible for initiating, maintaining and supervising all safety precautions and programs deemed necessary by regulatory authorities and industry standards. Service Company shall operate and maintain the Facilities to minimize environmental degradation to the Property.

Service Company shall prepare and submit in a timely manner all reports on operation and maintenance of the Facilities as required by local, state, and federal regulatory agencies. Upon Owner's reasonable request, Service Company shall provide a copy of the current Franchise or other assurances of Service Company's requirement to provide Services to the Community and Bell Villa.

8. USE OF SITES.

The Sites shall be used for the sole purpose of the operation of the Facilities, provision of Services, and the Interconnect.

Except for Hazardous Materials used in connection with Service Company's normal business operations (including but not limited to those used in connection with water production, treatment, and supply; wastewater management and treatment; and fuel for emergency power generation and other machinery), Service Company will not cause or permit the use, generation, release, production, processing, storage, or disposal of any Hazardous Material on, under or about the Sites without Owner's prior consent. Service Company, at its sole cost and expense, shall operate its business on the Sites in compliance with all Environmental Requirements and all requirements of this Lease, and shall remove all Hazardous Materials disposed of or otherwise released by Service Company onto or from the Sites in a manner that complies with all Environmental Requirements. Service Company's obligation under this Section 8 to remove Hazardous Materials will not include any concentrations of Hazardous Materials that existed on the Sites prior to the Effective Date and reflected in the Baseline Environmental Audit. "Hazardous Materials" means any substance, material, waste, pollutant, or contaminant that is now or hereafter regulated under any Environmental Requirement.

Owner shall not in any way be responsible or liable to Service Company at any time for any loss, damage or expense resulting from any change in any Site's suitability to serve as a Site for Facilities, unless such loss, damage or expense is the result of the gross negligence or intentional misconduct of Owner or Owner's affiliate. Service Company shall be responsible for treating wastewater delivered to the Facilities, despite any changes in the quality or quantity of such wastewater, provided Owner and utility customers within the Community are in compliance with Service Company's Sewer Use Policy applicable to all of Service Company's wastewater customers.

9. ABANDONMENT OF FACILITIES FOLLOWING TERMINATION.

At such time as the Facilities are taken out of service in accordance with all requirements

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

set forth in Section 3 of this Lease, upon written notice by Service Company to Owner, Service Company shall convey all of the Facilities remaining on the Sites to Owner. Thereafter, Owner shall be responsible for and shall abandon the Facilities and any areas of the Site used in connection with the Facilities, at Owner's expense, consistent with an abandonment plan approved by FDEP and/or any local government agency with authority over such abandonment procedures ("Abandonment Plan").

10. MAINTENANCE AND REPAIR.

During the term of this Lease, Service Company shall be responsible for the continuous operation, repair and maintenance of the Facilities and the Sites (including mowing) and for replacement of any component parts when necessary due to destruction, wear and tear or otherwise. Service Company shall keep the Sites and Facilities in a neat, clean and presentable condition to the reasonable satisfaction of Owner and all Facilities in good working order. Owner shall have no repair and maintenance obligations for the Site or the Facilities, except to the extent necessary to satisfy or resolve any issues set forth in the Baseline Environmental Audit.

All Facilities shall be used, maintained and repaired or replaced in accordance with good practices in the industry and Service Company shall comply in all material respects with all applicable laws and governmental regulations. Service Company shall respond to any emergencies during or after regular business hours as necessary as quickly as possible. Should an event of regulatory noncompliance occur, Service Company shall act promptly to correct such noncompliance or, if such noncompliance cannot be promptly corrected, Service Company shall promptly commence reasonable actions to correct the noncompliance and diligently pursue same. Service Company shall indemnify, save harmless and defend Owner from and against any and all suits, claims, actions, damages, liability and expense, including attorney fees, in connection with Service Company's breach of its obligations under this Section 10.

11. ELECTRICAL POWER AND OTHER UTILITIES.

Service Company shall pay for all utility usage at the Facilities, as and when due, to such utility providers. Owner shall reasonably cooperate with Service Company, at no material out of pocket expense to Owner, in securing electrical power for the interconnect facilities from the closest power source, provided that in no event shall such location disrupt or interfere with Owner's use and operation of the Property. Owner shall have the right to require underground installation of any new electric power lines serving the interconnect facilities, provided that such extension shall be from the Facilities or closest available power source, at Service Company's expense.

12. MECHANICS' LIENS.

Service Company will not permit to be created or to remain undischarged any lien, encumbrance or charge (arising out of any work done or materials or supplies furnished, or claimed to have been done or furnished, by any contractor, mechanic, laborer or materialman or any

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

mortgage, conditional sale, security agreement or chattel mortgage, or otherwise by, for or under Service Company) which become a lien or encumbrance or charge upon the Sites or any part thereof. Service Company will not suffer any other matter or thing whereby the estate, rights and interests of Owner in the Property or any part thereof are impaired due to any action or inaction of Service Company or any third party acting by, through or on behalf of Service Company.

If any lien, or notice of lien on account of an alleged debt of Service Company or any notice of contract by a party engaged by Service Company or its contractor to work on the Sites shall be filed against the Property or any part thereof, Service Company, within thirty (30) days after notice of the filing thereof, will cause the same to be discharged of record by payment, deposit, bond, order of a court of competent jurisdiction or otherwise. If Service Company shall fail to cause such lien or notice of lien to be discharged or bonded off within the period aforesaid, then, in addition to any other right or remedy, Owner may, but shall not be obligated to, discharge the same either by paying the amounts claimed to be due or by procuring the discharge of such lien by deposit or by bonding proceedings. Any amount so paid by Owner and all costs and expenses, including attorneys' fees, incurred by Owner in connection therewith, shall constitute additional rent payable by Service Company under this Lease and shall be paid by Service Company to Owner on demand, and Service Company's obligation to make such payments shall survive the expiration or earlier termination of this Lease.

13. ESTOPPELS.

Service Company agrees, at any time and from time to time, upon ten (10) days prior written notice by Owner, to execute, acknowledge and deliver to Owner a written estoppel certificate (a) certifying that this Lease is unmodified and in full force and effect (or if there have been modifications, stating the nature of same), (b) stating whether Owner or Service Company is in default of this Lease, and, if so, specifying each such default, (c) stating the address to which notices to Service Company should be sent, and (d) certifying such other matters as may be requested by Owner or Owner's lender. Any such certificate delivered pursuant hereto may be relied upon by Owner, Owner's lender, any prospective purchaser of the Property, or any mortgagee or prospective mortgagee of the Property or any prospective assignee of any such mortgage. Failure to deliver the aforesaid certificate within the ten (10) days shall be deemed to be in default under this Lease.

14. INSPECTION BY OWNER.

Owner or Owner's agent may during normal business hours and accompanied by Service Company staff, enter upon any Site to view the condition thereof, to obtain water, wastewater, or reuse water samples for water quality testing, and to observe Service Company's operations thereon.

15. TAXES.

It is the intent of the parties hereto that Service Company shall pay all costs and expenses relating to the Sites and the business carried on therein. Any amount or obligation relating to the Sites which is not expressly declared to be that of Owner under this Lease shall be deemed to be an obligation of Service Company. Unless otherwise exempt, Service Company shall pay when

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

due all sales taxes, license taxes, and any and all other taxes with respect to Service Company's operations hereunder. Owner shall pay when due all ad valorem real estate taxes, tangible personal property taxes, and assessments of any kind associated with the Sites leased hereunder and Service Company shall reimburse Owner for all such taxes and assessments promptly upon request.

If this Lease begins other than on the first day of the tax year, or if this Lease ends other than on the last day of the tax year, the parties shall make appropriate adjustments or pro-rations to determine tax liability. Such tax liability shall be computed based on the most recently available valuations, millage, assessments, and other information (including information included in a "cut-out" customarily prepared by the county) provided by the county in which the Property is located.

16. INSURANCE.

Service Company shall obtain and maintain, at their expense the following insurance policies with an insurer rated by A.M. Best & Company with at least A-VIII or better:

(i) Commercial general liability insurance including contractual liability coverage with limits not less than $1 million per occurrence, $2 million general aggregate on a per location or per project basis, and $2 million products and completed operations covering liability arising from the use, occupancy or operation of any Site, Facilities, or activities of Service Company and anyone for whom Service Company is legally liable, on or about the Sites, pursuant to this Agreement;

(ii) Automobile liability insurance in the amount of $1,000,000 per occurrence providing coverage for all owned, non-owned and hired vehicles,

(iii) Statutory workers' compensation insurance and employer's liability in the amount of $1,000,000 per accident/per disease/per employee,

(iv) Umbrella liability insurance in an amount not less than $5,000,000 per occurrence and in the general aggregate, which limit may be satisfied by any combination of primary or excess/umbrella per occurrence policies providing coverage at least as broad as the underlying commercial general liability, employer's liability and automobile liability insurance policies, and

(v) Pollution liability insurance in amounts no less than $2,000,000 per occurrence/general aggregate.

All insurance policies shall include a waiver of subrogation, and shall be primary to, and not in excess of or contributing with, any insurance or self-insurance maintained by Owner, Owner's lender or Owner's property manager/agent with respect to the Property, and shall be kept and maintained in force during the term of this Lease and so long thereafter as necessary to cover any claims of damages suffered by persons or property resulting from any acts or omissions of Service Company and/or its officers, agents, servants, contractors, employees or invitees.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

Service Company: (a) will deliver to Owner written evidence establishing to Owner's reasonable satisfaction that such adequate and appropriate insurance is being maintained and in full force and effect and (b) shall cause Owner, Owner's lender and Owner's property manager to be named as additional insureds under the insurance policies to be maintained in accordance with this Section except for workers' compensation insurance. The provisions of this Section shall survive any termination of this Lease. .Failure to maintain such insurance shall be construed as a breach of this Lease.

Service Company shall require that all service providers, contractors and any subcontractors performing any services on or about the Property shall maintain adequate and sufficient coverage to cover their performance of work.

17. INDEMNITY.

Service Company shall indemnify, save harmless and defend Owner, Owner's lender, Owner's property manager, and each of Owner's and its members' respective shareholders, directors, members, trustees, partners, principals, officers, employees, agents, successors and assigns (collectively the "Owner Indemnified Parties") from and against any and all suits, claims, actions, damages, liability and expense, including attorney fees, in connection with loss of life, personal injury and/or damage to property arising with respect to the Sites or any part thereof, or occasioned wholly or in part by any act or omission of Service Company, its officers, agents, servants, contractors, employees or invitees, in the use, occupancy or operation of any Site, Facilities, or any activities on or about the Property or a breach of this Lease by Service Company. For the avoidance of doubt, Service Company's indemnification obligations extend to any and all losses, liabilities, damages, costs, and expenses (including remediation, removal, repair, corrective action, or cleanup expenses, reasonable attorneys' and consultants' fees, and punitive and/or natural resource damages) that are brought or recoverable against, or incurred by, Owner in connection with any breach by Service Company of this Lease or any Environmental Requirement, except to the extent caused by the negligence or willful misconduct of Owner or an Owner Indemnified Party.

Owner shall indemnify and defend Service Company and hold Service Company harmless from and against every claim or demand with respect to bodily injury, death, property damage, nuisance, or other loss or damage of any kind, including attorney's fees and costs incurred by Service Company, directly arising out of Owner's negligence or intentional misconduct in discharging its duties under this Lease. Owner shall not be liable to Service Company or Service Company's employees, agents, visitors or any other person for injury to person or damage to or loss of property on or about the Sites, or arising out of the use of the Sites by Service Company, or the conduct of its business thereon, or arising out of any breach or default by Service Company in the performance of its obligations hereunder, or resulting from any other cause except Owner's negligence or willful misconduct.

18. DEFAULT.

The occurrence of one or more of the following constitutes an event of default by Service

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

Company:

(i) The failure of Service Company to provide continuous Services to the Community, and/or to provide continuous water service to Bell Villa, in a manner consistent with generally acceptable standards and at rates consistent with Service Company's customers receiving the same class of service; provided that Service Company shall have a period of ten (10) days following written notice thereof to remedy any such default, unless such default results in the permanent cessation of Services or water service, as applicable, in which event Owner shall have the right to exercise its remedies immediately pursuant to Section 23 below;

(ii) The failure of Service Company to pay any costs, fees or expenses due under this Lease within ten (10) days of when due, including but not limited to all amounts described in Section 4 of this Lease;

(iii) The failure of Service Company to perform and comply with any material obligation imposed upon Service Company by this Lease, other than the payment of money, for more than thirty (30) days after written notice thereof shall have been given to Service Company or, if such default is of such nature that it cannot, with due diligence, be completely remedied within such thirty (30) day period, such longer period of time as may be reasonably necessary to remedy provided that Service Company shall commence, within said period of thirty (30) days, and shall thereafter diligently prosecute to completion, all steps necessary to remedy such default, but in no event more than ninety (90) days after written notice of such default shall have been given to Service Company;

(iv) Proceedings under the Bankruptcy Act for bankruptcy are filed by or against Service Company, and if filed against Service Company, have not been dismissed within thirty (30) days after the filing;

(v) Assignment of Service Company's property for the benefit of creditors is made;

(vi) A receiver, conservator, or similar officer is appointed by a court of competent jurisdiction to take charge of all or a substantial part of Service Company's property, and within thirty (30) days after appointment the receiver, conservator, or officer is not discharged and possession of the property is not restored to Service Company;

(vii) Service Company's interest in the Sites or Facilities are the subject of taking or levy under execution, attachment, or other process of law and the action is not canceled or discharged within thirty (30) days after its occurrence; or,

(viii) Service Company abandons the Sites.

If Owner shall default in any of its material obligations hereunder, Service Company shall give written notice thereof to Owner, and Owner shall have a reasonable period of time after receipt

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

of such notice in which to cure such default.

Upon an event of default pursuant to this Section that continues beyond all applicable notice and cure periods, Owner and Service Company shall have the right to utilize the remedies set forth in Section 23 of this Lease.

19. ASSIGNABILITY.

Service Company may not assign, pledge, or encumber Service Company rights hereunder without the express written consent of Owner, which may be withheld at Owner's sole discretion. Any assignment, pledge or encumbrance of Service Company's ownership interest shall be deemed a prohibited assignment hereunder and a default under the terms of this Lease. Owner has the unequivocal right to sell any or all of the Property, and to assign any or all of its rights hereunder in connection with any such sale of any or all of the Property, upon written notice to Service Company and confirmation of assignee's acceptance and assumption of the terms of the Lease.

20. ADDRESSES, NOTICES; TIME.

Notices hereunder shall be given in writing and transmitted by a nationally recognized overnight courier service. For the purpose of this Lease the addressees of the parties are as follows:

Owner:

CPI CITRUS PARK OWNER, L.L.C.
c/o The Carlyle Group
1001 Pennsylvania Avenue, NW
Washington, DC 20004
Attention: USRE Notices, Pierre Molster and Lauren Ray-Shingler

And

DLA Piper LLP (US)
500 Eighth Street, NW
Washington, D.C. 20004
Attention: Frederick L. Klein and Meagan Ekimoff

Service Company

BONITA SPRINGS UTILITIES, INC.
c/o Executive Director
11900 East Terry Street
Bonita Springs, FL 34135

And

Scott Beatty, Esq.
Henderson Franklin Starnes & Holt, P.A
3451 Bonita Bay Blvd., Ste. 206
Bonita Springs, FL 34134

Notice given by overnight mail shall be deemed received when received at the address to which sent or when actually received by the party to whom addressed. Either party may change its address by giving written notice to the other, but the change shall not become effective until the notice is actually received by the other party. Any payments due to Owner under this Lease shall be made to Owner at Owner's address set forth above (or at a changed address as provided above). If the last day for giving any notice or performing an act hereunder falls on a Saturday, Sunday, or a day on which the time shall be extended to the next day that is not a Saturday, Sunday, or post office holiday.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

21. DOCUMENTATION.

Service Company and Owner agree that each shall execute such other documentation as may reasonably be required from time to time to effectuate the intent of this Lease.

22. INTERPRETATION.

It is agreed by and between the parties hereto that all words, terms and conditions contained herein are to be read in concert, each with the other, and that a provision contained under one heading may be considered to be equally applicable under another in the interpretation of this Lease.

23. REMEDIES.

In addition to the other remedies set forth in this section, in the event of a default by either party, the non-defaulting party shall have the right to pursue all available remedies, whether at law or in equity, including but not limited to, specific performance. The non-defaulting party shall be entitled to seek and obtain temporary and permanent injunctive relief to prevent or restrain any breach and to specifically enforce the provisions of this Lease, and shall not be obligated to post bond or other security in seeking such relief or to prove irreparable harm. The existence of any claim, demand, action, set-off counterclaim or cause of action by the defaulting party shall not constitute a defense to the enforcement of the rights of the non-defaulting party under this Lease. Notwithstanding anything to the contrary in this Agreement, in no event shall either party be liable for special, consequential or punitive damages.

Following completion and operation of the Interconnects, upon failure of Service Company to abandon the Facilities pursuant to the Abandonment Plan set forth in Section 9 hereof, Owner may declare an event of default by Service Company, and in addition to other remedies, Owner may re-enter the Sites and repossess the Facilities, or any part thereof, by judicially mandated force, summary proceedings, ejections or otherwise, and implement and complete the Abandonment Plan at Service Company's expense. Owner shall have no liability by reason of any such re-entry and repossession except to the extent caused by Owner's gross negligence or willful misconduct. Reentry and repossession of the Sites by Owner shall not be construed as an election by Owner to terminate this Lease unless a written notice of such intention be given to Service Company. In no event shall the exercise of the foregoing remedy confer any obligation upon Owner to provide the Services from the Facilities. Service Company shall remain exclusively liable for treatment services through the Interconnects.

In the event of default by Service Company prior to completion of the Interconnects, Owner shall be entitled to reenter the Sites and repossess the Sites by judicially mandated force, summary proceedings, ejections or otherwise, and perform the Services directly or through a third party. Services will be provided at Service Company's expense if Service Company continues to collect revenue from customers of the Facilities. Owner shall have no liability by reason of any such re-entry and repossession except to the extent caused by Owner's gross negligence or willful misconduct. No such re-entry or repossession of the Sites by Owner shall be construed as an election on Owner's part to terminate this Lease unless a written notice of such intention be given to Service

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

Company. In the event of such termination, Service Company shall cooperate with Owner to convey the Facilities to Owner, or an entity designated by Owner, including execution of a bill of sale in a form reasonably acceptable to the parties and permit assignments. Thereafter Owner shall be liable for Service to customers, insurance requirements, environmental regulatory requirements and Public Service Commission rate setting. In the event Service Company fails to deliver such bill of sale then Owner shall have the right to deem such Facilities abandoned and pursue any legal or equitable remedies referenced in this Agreement. Absent notice of Lease termination by Owner, Service Company shall continue to be obligated to complete the Interconnects and decommission the Facilities as required under Lease. In the event that the Interconnects and decommissioning are not performed by Service Company, Owner reserves all of its rights and remedies under this Lease.

In the event a court action arises concerning the performance, meaning or interpretation of any provision of this Lease, the prevailing party in such action shall be awarded any and all costs and expenses incurred by the prevailing party in enforcing, defending or establishing its rights hereunder or thereunder, including, without limitation, court costs and reasonable attorneys' fees. In addition to the foregoing award of costs and fees, the prevailing party shall also be entitled to recover its reasonable attorneys' fees incurred in any post judgment proceedings to collect or enforce any judgment.

Service Company shall also be responsible for any monetary damages, fines, penalties or other fees that may be assessed, levied or claimed against Owner in connection with Service Company's default under this Lease; provided that, Service Company shall not be responsible for any monetary damages, fines, or penalties resulting from Owner or a third party's operation of the Facilities on the Sites. The provisions of this Section shall survive the termination of this Lease.

24. STRICT COMPLIANCE.

Failure to insist upon strict compliance of any of the terms, covenants, or conditions hereof by either party shall not be deemed a waiver of such terms, covenants, or conditions, nor shall any waiver or relinquishment of any right or power hereunder at any one time be deemed a waiver or relinquishment of such right or power at any other time or times.

25. EMINENT DOMAIN.

If during the Term of this Lease, all or substantially all of the Sites shall be taken as a result of the exercise of the power of eminent domain, this Lease shall terminate and all right, title and interest of Service Company hereunder shall cease on the date of vesting of title pursuant to such eminent domain proceeding, and all rents and other sums payable by Service Company hereunder, shall be prorated to the date of such vesting. The "net award" from such taking shall mean all amounts payable as a result of any condemnation or other eminent domain proceeding affecting the Sites, less all attorney fees and other reasonable expenses for such proceeding incurred by Owner plus all amounts payable pursuant to any agreement with any condemning authority (which agreement shall be deemed to be a taking) made in settlement of, or under threat of any condemnation or other eminent domain proceeding affecting the Property, less all attorney fees and reasonable expenses incurred as a result thereof. The net award shall be divided between Service Company and Owner based on the ratio of the Sites value in the eminent domain proceeding

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

allocated to tangible personal property, fixtures, equipment and other portion of the Facilities owned by Service Company, which shall be awarded to Service Company and the portion of the net award allocated to real property which shall be awarded to Owner.

If during the Term there is a taking by exercise of the power of eminent domain of less than all or substantially all of the Sites, which taking includes a portion of the Facilities, this Lease shall remain in full force and effect without abatement or reduction of rents, or other charges required to be paid by Service Company except as herein provided. In such event, Service Company shall proceed diligently to rebuild, replace and repair the improvements or otherwise provide an interconnection for the Property for Service Company to continue to provide the Community Services, provided that Service Company shall be entitled to use the portion of the net award applicable to the improvements, if any, to make such repairs or improvements, subject to reasonable conditions imposed by Owner, including, but not limited to the deposit of such portion of the net award within an escrow account and conditioning disbursements from such account in a manner similar to draw requests under an institutional construction loan. All such rebuilding, replacing and repairing shall be carried out in accordance with the provisions of this Lease. If the portion of the net award received by Service Company is insufficient to cover the cost of the foregoing repairs or improvements, then the deficiency shall be shared equally by Service Company and Owner.

26. SURRENDER OF POSSESSION.

Service Company hereby covenants and agrees that on the Expiration Date or upon any earlier termination of the Lease due to a default, (i) sole ownership of the Sites, any Facilities and all related improvements, and the right to their possession and use shall automatically pass to Owner without payment or consideration of any kind; and (ii) Owner shall have the right to salvage any remaining plant equipment at Owner's sole election. Service Company shall leave the Sites in a form required by Section 3 (iii) above. Service Company shall not join in, consent to or permit any liens, encumbrances or other matters of any kind which affect title to the Sites, Facilities or related improvements to extend beyond the term of the Lease. If Service Company retains any salvaged equipment for its own use, Service Company shall pay to Owner the market value of the salvaged equipment, to be reasonably agreed upon by the parties. Service Company shall, upon expiration or sooner termination of this Lease, return the Sites to Owner, free and clear of all encumbrances. Service Company hereby agrees to execute any further documents requested by Owner to confirm Owner's sole ownership of and title to such improvements and Service Company's grant and conveyance thereof to Owner hereby made.

If Service Company does not vacate the Sites when required by the terms of this Lease, Service Company shall be a tenant at sufferance and, in addition to all other damages and remedies to which Owner may be entitled for such holding over: (a) Service Company shall pay, an amount equal to Six Thousand and 00/100 Dollars per month, and (b) Service Company shall otherwise continue to be subject to all of Service Company's obligations under this Lease. The provisions of this Section shall not be deemed to limit or constitute a waiver of any other rights or remedies of Owner provided herein or at law.

27. SUBORDINATION.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

This Lease is subject and subordinate to Owner's existing mortgage and any mortgages, deeds to secure debt, security instruments, deeds of trust or ground leases that now exist or may hereafter be placed upon the Property of which the Sites form a part, and to all renewals, modifications, consolidations, replacements and extensions thereof. Concurrently with the execution of this Lease, Owner agrees to secure a subordination agreement from Owner's existing mortgagee in a form acceptable to Service Company. From and after the date of this Lease, Service Company agrees to execute and deliver, within five (5) business days after Owner's written request, such further instrument or instruments confirming this subordination as shall be desired by Owner or by any mortgagee or proposed mortgagee. In connection therewith, at Service Company's request, Owner agrees to work with such mortgagee or proposed mortgagee to obtain a subordination agreement in a form reasonably approved by Service Company. Service Company further agrees that, at the option of the holder of any mortgage, this Lease may be made superior to said mortgage by the insertion therein of a declaration that this Lease is superior thereto. Service Company agrees to give any mortgagee(s) by Overnight Courier, a copy of any notice of any failure by Owner to fulfill any of its obligations under this Lease. Service Company further agrees that the mortgagee(s) shall have such time as may be necessary to cure such failure as long as any mortgagee(s) has commenced and is diligently pursuing the remedies necessary to cure such failure.

28. NO RECORDATION.

Owner and Service Company agree not to record this Lease or any memorandum or other encumbrance against the Property in connection with this Agreement.

29. EXCULPATION.

Notwithstanding anything appearing to the contrary in this Lease, no direct or indirect partner, member or shareholder of either Owner or Service Company (or any officer, director, agent, member, manager, personal representative, trustee or employee of any such direct or indirect partner, member or shareholder) shall be personally liable for the performance of the obligations of, or in respect of any claims against, Owner or Service Company, as the case may be, arising under this Lease. No personal judgment shall be sought or obtained against any of the foregoing in connection with this Lease.

30. SIGNS.

Service Company shall not have the right to place any signs or other advertising material on the Sites without the prior written consent of Owner; provided that, Service Company shall have the right to erect or display any signage that may be required by law in the operation of the Facilities on the Sites.

[Signatures on following page]

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

IN WITNESS WHEREOF, Owner and Service Company have caused this Lease, with the named Exhibits attached, to be duly executed in several counterparts, each of which when taken together shall be considered an original executed copy for all purposes.

Owner:

CPI Citrus Park Owner, L.L.C., a Delaware limited liability company

Signed, Sealed and Delivered
In the Presence of:

By:_____
Name:_____
Its: _____

_____
Witness Print Name:_____

_____
Witness Print Name:_____

WASHINGTON, DISTRICT OF COLUMBIA

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this _____ day of _____, 2025, by _____, of CPI Citrus Park Owner, L.L.C., on the Company's behalf, who is personally known to me or who has produced _____ as identification.

_____
Notary Public _____
Printed Name: _____

(Notary Stamp)

[Signatures continued on following page]

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

Service Company:

Bonita Springs Utilities, Inc., a Florida not-for-profit corporation

Signed, Sealed and Delivered
In the Presence of:

_____
Witness Print Name:_____

By: _____
Richard Garner, President

_____
Witness Print Name:_____

STATE OF FLORIDA
COUNTY OF LEE

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this _____ day of _____, 2025, by Richard Garner, President, Bonita Springs Utilities, Inc., on the Company's behalf, who is personally known to me or who has produced as identification.

_____
Notary Public _____
Printed Name: _____
License No: _____
Expiration Date: _____

(Notary Stamp)

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

Real Property

PARCEL A

A PARCEL OF LAND LYING IN A PORTION OF SECTION 19, TOWNSHIP 47 SOUTH, RANGE 26 EAST, LEE COUNTY, FLORIDA, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A 3" X 3" CONCRETE MONUMENT MARKING THE SOUTHWEST CORNER OF SAID SECTION 19 RUN NORTH 01°00'52" WEST ALONG THE WEST LINE OF SAID SECTION 19 FOR A DISTANCE OF 5305.97 FEET TO A 3" X 3" CONCRETE MONUMENT (TOP BROKEN) MARKING THE NORTHWEST CORNER OF SAID SECTION 19; THENCE RUN NORTH 89°16'57" EAST ALONG THE NORTH LINE OF SAID SECTION 19 FOR A DISTANCE OF 3136.81 FEET TO THE SOUTHEAST CORNER OF THOSE LANDS AS DESCRIBED IN OFFICIAL RECORDS BOOK 1469, PAGE 1165, PUBLIC RECORDS OF LEE COUNTY, FLORIDA; THENCE LEAVING SAID NORTH LINE RUN SOUTH 01°07'28" EAST FOR A DISTANCE OF 2646.68 FEET TO THE SOUTHWEST CORNER OF THOSE LANDS AS DESCRIBED IN OFFICIAL RECORDS BOOK 2178, PAGE 1096 OF SAID PUBLIC RECORDS AND A POINT ON A NON-TANGENTIAL CIRCULAR CURVE; THENCE RUN 126.76 FEET ALONG THE ARC OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 114.97 FEET, A CENTRAL ANGLE OF 63°10'20", A CHORD DISTANCE OF 120.44 FEET AND A CHORD BEARING OF SOUTH 32°36'07" EAST TO A POINT OF TANGENCY; THENCE RUN SOUTH 64°11'17" EAST FOR A DISTANCE OF 187.10 FEET TO A POINT OF CURVATURE; THENCE RUN 165.78 FEET ALONG THE ARC OF A CURVE CONCAVE TO THE SOUTHWEST HAVING A RADIUS OF 150.00 FEET, A CENTRAL ANGLE OF 63°19'24", A CHORD DISTANCE OF 157.47 FEET AND A CHORD BEARING OF SOUTH 32°31'35" EAST TO A POINT OF TANGENCY; THENCE RUN SOUTH 00°51'53" EAST FOR A DISTANCE OF 2326.31 FEET TO A POINT ON THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 19; THENCE RUN SOUTH 89°05'32" WEST ALONG SAID SOUTH LINE FOR A DISTANCE OF 795.52 FEET TO A 4" X 4" CONCRETE MONUMENT MARKING THE SOUTH QUARTER CORNER OF SAID SECTION 19; THENCE RUN SOUTH 89°03'06" WEST ALONG THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 19 FOR A DISTANCE OF 2652.59 FEET TO THE POINT OF BEGINNING.

LESS AND EXCEPT THE PARCEL OF LAND VESTED IN THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION BY THE SUPPLEMENTAL ORDER OF TAKING RECORDED IN OFFICIAL RECORDS BOOK 1172, PAGE 1152 AND THE FINAL JUDGEMENT RECORDED IN OFFICIAL RECORDS BOOK 1665, PAGE 2701, DESCRIBED AS FOLLOWS:

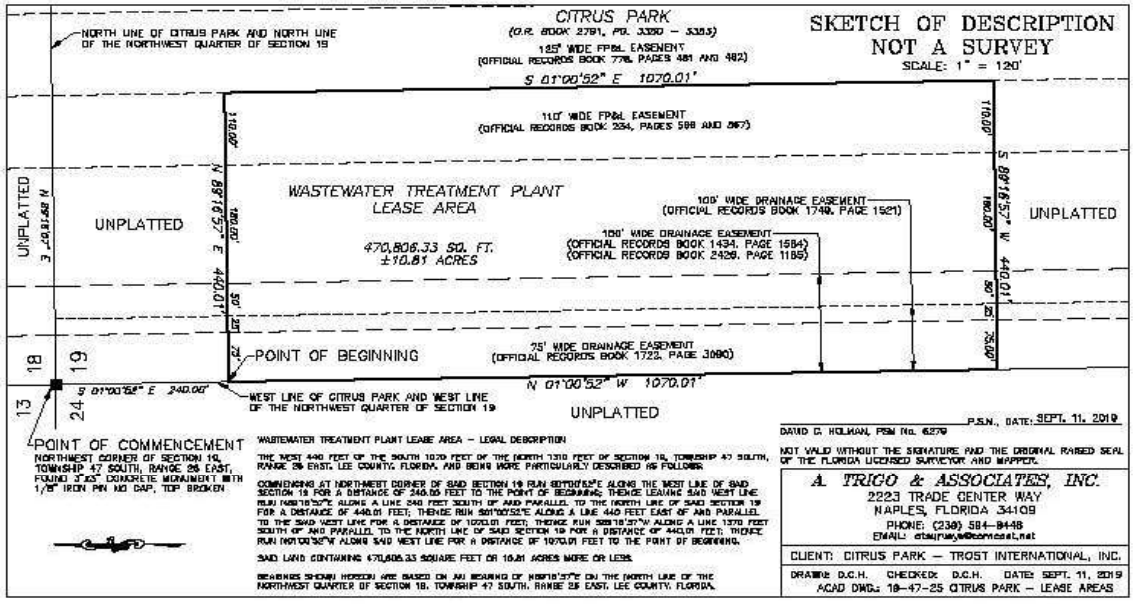
BEGIN ON THE SOUTH LINE OF SAID SECTION 19 AT A POINT NORTH 89°04'35.45" EAST 1,226.328 FEET FROM THE SOUTHWEST CORNER THEREOF; THENCE CONTINUE NORTH 89°04'35.45" EAST 130.001 FEET; THENCE NORTH 01°06'40.92" WEST 120.0 FEET; THENCE SOUTH 89°04'35.45" WEST 1,182.603 FEET; THENCE NORTH 0°55'24.55" WEST 20.0 FEET; THENCE SOUTH 89°04'35.45" WEST 173.654 FEET TO THE WEST LINE OF SAID SECTION 19; THENCE SOUTH 01°03'19.48" EAST 80.0 FEET; THENCE NORTH 89°04'35.45" EAST 1,226.270 FEET; THENCE SOUTH 01°06'40.92" EAST 60.0 FEET TO THE POINT OF BEGINNING.

PARCEL B

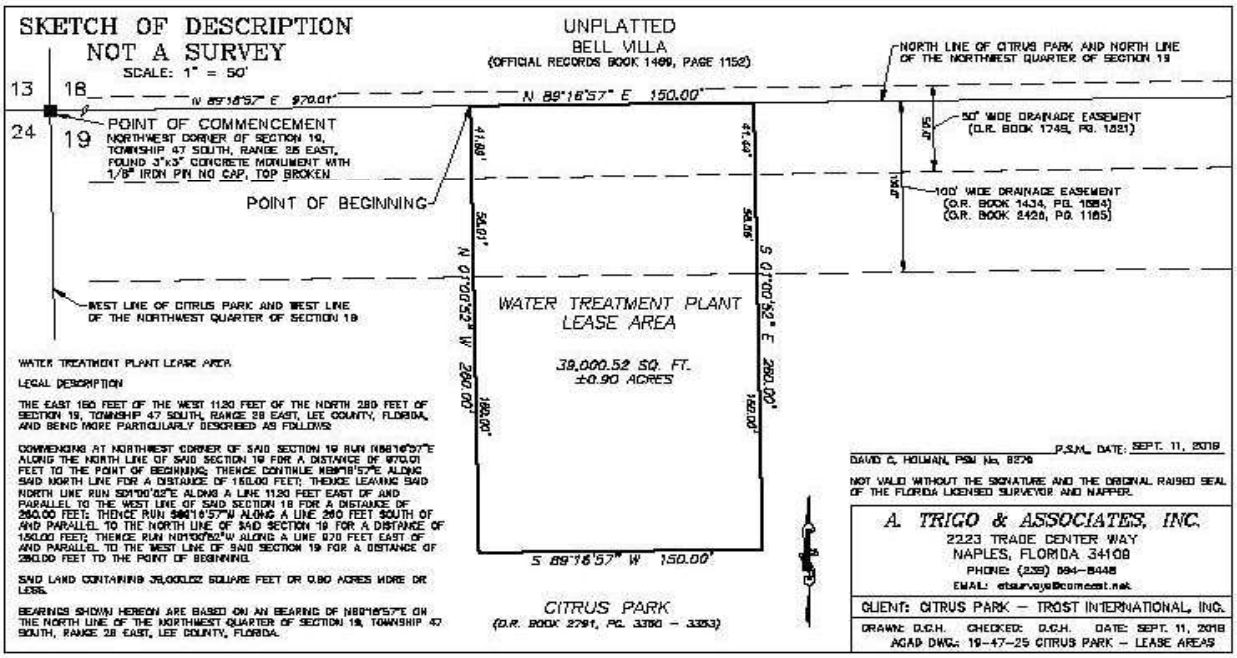
THE WEST 440.00 FEET OF THE SOUTH 1038.63 FEET OF SECTION 18, TOWNSHIP 47 SOUTH, RANGE 26 EAST, LEE COUNTY, FLORIDA.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

Legal Description of Sites



Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635



WATER TREATMENT PLANT LEASE AREA

LEGAL DESCRIPTION

THE EAST 150 FEET OF THE WEST 1120 FEET OF THE NORTH 280 FEET OF SECTION 19, TOWNSHIP 47 SOUTH, RANGE 28 EAST, LEE COUNTY, FLORIDA, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT NORTHWEST CORNER OF SAID SECTION 19 RUN N89°18'57"E ALONG THE NORTH LINE OF SAID SECTION 19 FOR A DISTANCE OF 970.01 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE N89°18'57"E ALONG SAID NORTH LINE FOR A DISTANCE OF 150.00 FEET; THENCE LEAVING SAID NORTH LINE RUN S01°00'52"E ALONG A LINE 1120 FEET EAST OF AND PARALLEL TO THE WEST LINE OF SAID SECTION 19 FOR A DISTANCE OF 280.00 FEET; THENCE RUN S89°18'57"W ALONG A LINE 280 FEET SOUTH OF AND PARALLEL TO THE NORTH LINE OF SAID SECTION 19 FOR A DISTANCE OF 150.00 FEET; THENCE RUN N01°00'52"W ALONG A LINE 970 FEET EAST OF AND PARALLEL TO THE WEST LINE OF SAID SECTION 19 FOR A DISTANCE OF 280.00 FEET TO THE POINT OF BEGINNING.

SAID LAND CONTAINING 39,000.52 SQUARE FEET OR 0.90 ACRES MORE OR LESS.

BEARINGS SHOWN HEREON ARE BASED ON AN BEARING OF N89°18'57"E ON THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 19, TOWNSHIP 47 SOUTH, RANGE 28 EAST, LEE COUNTY, FLORIDA.

P.S.M., DATE: SEPT. 11, 2018
DAVID C. HOLMAN, PSM No. 6276

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF THE FLORIDA LICENSED SURVEYOR AND MAPPER.

A. TRIGO & ASSOCIATES, INC.
2223 TRADE CENTER WAY
NAPLES, FLORIDA 34109
PHONE: (239) 594-6448
EMAIL: atsurveys@comcast.net

CLIENT: CITRUS PARK - TRUST INTERNATIONAL, INC.

DRAWN: D.C.H. CHECKED: D.C.H. DATE: SEPT. 11, 2018
AGAD DWG.: 19-47-25 CITRUS PARK - LEASE AREAS

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

Exhibit "C"

Decommissioning Tasks

Service Company Decommissioning Responsibilities

1) Notify Florida Department of Environmental Protection ("FDEP") of the interconnection, inactivation and eventual abandonment of the wastewater facility.
2) Isolate wastewater treatment plant from collection/transmission system.
3) Pump out, wash down and disinfect wastewater plant vessels.
4) Remove and properly dispose of any chemicals or solvents on sit.
5) Remove and properly dispose of and biosolids in the wastewater plant (but not ponds).
6) Disconnect power.
7) Ensure that water does not collect in the Facilities such as through use of a sump pump or by creating drainage or percolation through walls and floors.
8) Secure and post site to restrict public access.
9) Leave sites in a neat, clean and presentable condition; and
10) Notify the Lee County Health Department, FDEP and any other local regulatory authorities as appropriate of the abandonment and prepare a written Abandonment Plan as needed.

Items not Service Company's Responsibilities

1) Disposal of any electrical transformers on the Sites.
2) Disposal of devices including switches, thermostats, fluorescent bulbs, or other controls.
3) Preparation of a demolition plan or update of the Abandonment Plan necessary for further redevelopment of the Sites.
4) Draining, scarifying, demolition and redevelopment of the effluent disposal ponds.
5) Demolition and redevelopment of the Facilities on the Sites.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

Exhibit "D"

Summary Table

Utility System Component	Proposed or Existing?	Upon "Interconnect"	Ownership / Maintenance Party	Notes
Wastewater Treatment Plant	Existing	Decommissioned	BSU	Plant will be owned by BSU and returned to CPI Citrus Park Owner, L.L.C. upon decommissioning. Land owned by CPI Citrus Park Owner, L.L.C.; access subject to easement rights
Water Treatment Plant	Existing	Decommissioned	BSU	Plant will be owned by BSU and returned to CPI Citrus Park Owner, L.L.C. upon decommissioning. Land owned by CPI Citrus Park Owner, L.L.C.; access subject to easement rights
Three (3) Production Wells	Existing	Remain	BSU	Wells will be owned by BSU but land owned by CPI Citrus Park Owner, L.L.C.; access subject to easement rights
Eleven (11) Lift Stations within Bonita Terra	Existing	Remain	BSU	Access subject to easement rights
Sewer Force Mains to Master Lift Station	Existing	Remain	BSU	Access subject to easement rights
Master Lift Station	Proposed	Will be constructed to accommodate Interconnect	BSU	Access subject to easement rights
New Primary Water Main (Trost Blvd)	Proposed	Will be constructed to accommodate Interconnect	BSU	Access subject to easement rights
New Primary RAW Water Main	Proposed	Will be constructed to accommodate Interconnect	BSU	Access subject to easement rights
Bell Villa Master Meter	Existing	Remain	BSU	Access subject to easement rights
Bonita Terra Master Meter	Existing	Remain	BSU	Access subject to easement rights
Water transmission mains, distribution pipes and valves	Existing	Remain	CPI Citrus Park Owner, L.L.C.	
Wastewater gravity collection system	Existing	Remain	CPI Citrus Park Owner, L.L.C.	
New water meters at each home site	Proposed	Can be installed at any time	CPI Citrus Park Owner, L.L.C.	to be installed in future

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

APPENDIX 9.5
DUE DILIGENCE MATERIALS

1) Licenses and permits for utility operations.

2) Written notices of violations, if applicable.

3) Water and wastewater lift station and plant repair documentation.

4) Schedule of capital expenditures for prior three-year period.

5) Water and wastewater operation logs.

6) General Ledger for water and wastewater plant operations.

7) Electric expense for plant operations.

8) Capex three-year history for Treatment Facilities repairs.

9) For the Water Treatment Facilities: Plant Monthly Operating Reports; SFWMD Quarterly Monitoring Reports and Well Withdrawal Reports, in each case for the last 24 months.

10) For the Wastewater Treatment Facilities: Discharge Monitoring Reports; Groundwater Monitoring Reports, in each case for the last 24 months.

11) The Lead Service Line Inventory for the Water System that meets the requirements of the Environmental Protection Agency's Lead and Copper Rule Revisions (LCRR), 40 CFR § 141.84(a), along with copies of any documents, photos, or files used to complete the initial Lead Service Line Inventory.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

APPENDIX 11.2.3
FORM OF BILL OF SALE

BILL OF SALE

KNOW ALL PERSONS BY THESE PRESENTS THAT**:**

CPI CITRUS PARK UTILITY TRS, L.L.C., a Delaware limited liability company (hereinafter referred to as "**Seller**"), for ten dollars ($10.00) and other good and valuable consideration paid to it by **BONITA SPRINGS UTILITIES, INC.**, a Florida not-for-profit corporation exempt from sales tax pursuant to the Florida Department of Revenue (hereinafter referred to as "**Buyer**"), the receipt and sufficiency of which are hereby acknowledged, does hereby grant, bargain, sell, assign, transfer, and deliver unto Purchaser, all of Seller's right, title and interest in and to the Transferred Facilities as defined in that certain Water and Wastewater Site Lease Agreement between CPI Citrus Park Owner, L.L.C. and Purchaser and dated of even date herewith (the "**Lease**").

1) This Bill of Sale shall be binding upon Seller, and inure to the benefit of Buyer, subject to the right of reverter described in Section 2 below.

2) All of the right, title and interest in and to the Transferred Facilities, as conveyed to Buyer hereunder, shall revert automatically back to Seller, its successors or assigns, upon expiration or earlier termination of the Lease, without the need for any further instrument documenting such reverter, except for the Well Facilities as defined in that certain Access, Maintenance and Utility Easement Agreement (the "**Easement**") recorded in the Lee County property records on or about the date hereof, it being understood that the right, title and interest in and to such Well Facilities shall be determined as set forth in such Easement. In no event shall the foregoing be deemed a waiver of Buyer's obligations to leave the Sites in the form required by Section 3(iii) of the Lease.

3) Seller represents and warrants that it is providing all of its right, title and interest in and to the Transferred Facilities free of any liens, security interests or encumbrances. Seller makes no representation as to the condition of the Personal Property, and Purchaser acknowledges that it is acquiring the Personal Property "as-is."

4) This Bill of Sale shall be governed by and construed in accordance with the laws of the State of Florida (without reference to conflicts of laws principles).

5) Notwithstanding anything appearing to the contrary in this Bill of Sale, no direct or indirect partner, member or shareholder of Seller or Buyer (or any officer, director, agent, member, manager, personal representative, trustee or employee of any such direct or indirect partner, member or shareholder) shall be personally liable for the performance of the obligations of, or in respect of any claims against, Seller or Buyer arising under this Bill of Sale. No personal judgment shall be sought or obtained against any of the foregoing in connection with this Bill of Sale.

In witness whereof, this instrument shall be effective as of the date first written above.

Docusign Envelope ID: 053006B8-F7FC-449F-954E-9FF616C09635

SELLER:

CPI Citrus Park Utility TRS, L.L.C.

_____

By: _____

Its: _____

BUYER:

Bonita Springs Utilities, Inc.

_____

Richard Garner, President

DOCID: DOCPROPERTY DOCXDOCID DMS=IManage Format=<<NUM>>.<<VER>> PRESERVELOCATION

Docusign Envelope ID: ADE3EA8D-998F-4792-87E8-392E815974EB

ADDENDUM #1 TO AGREEMENT FOR PURCHASE AND SALE

THIS ADDENDUM #1 TO AGREEMENT FOR PURCHASE AND SALE, (hereinafter "Addendum") is executed this 18th day of December, 2025, by and between CPI CITRUS PARK UTILITY TRS, LLC ("Seller"), and BONITA SPRINGS UTILITIES, INC. ("Buyer") (Seller and Buyer shall be collectively referred to as the "Parties"), and relates to the Agreement for Purchase and Sale of Water and Wastewater Assets by and between the Parties (hereinafter "Contract").

For and in consideration of Ten and No/100's Dollars ($10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties agree to make the following terms and conditions part of the Contract:

1. For the avoidance of all doubt, the Parties acknowledge and agree that the Contract was fully executed by the Parties on December 11, 2025, and that the date of the Contract is December 11, 2025.

2. With respect to the appointment of Henderson, Franklin, Starnes & Holt, P.A., as escrow agent ("Escrow Agent") as set forth in Section 4 of the Contract, the Parties and Escrow Agent agree as follows:

a. The Parties hereby agree that Escrow Agent shall hold, apply, return, or retain the Earnest Money in accordance with the terms of the Contract. In the event of any dispute between the Buyer and Seller regarding the disbursement or return of the Earnest Monday (or any portion thereof) or in the event that Escrow Agent shall receive conflicting instructions or demands with respect thereto, Escrow Agent shall withhold and not disburse the Earnest Money until Buyer and Seller have agreed in writing on the disbursement or return of such funds. Alternatively, Escrow Agent may file an action for interpleader in the Circuit Court in and for Lee County, Florida, with any costs deducted from the Earnest Money for Escrow Agent's attorneys' fees and costs in connection therewith.

b. It is agreed that the Escrow Agent shall have no liability to any of the Parties hereto upon disbursement of the funds in accordance with subsection (a) above; provided that Escrow Agent shall remain liable for its willful misconduct or gross negligence as provided for herein.

c. The Escrow Agent shall hold in escrow the Earnest Money in a non-interest bearing escrow account. It is agreed the duties of the Escrow Agent are purely ministerial in nature, and that the Escrow Agent shall incur no liability whatsoever except for willful misconduct or gross negligence so long as the Escrow Agent has acted in good faith. The Parties release the Escrow Agent from any act done or omitted to be done by the Escrow Agent in good faith in the performance of the Escrow Agent's duties hereunder, except to the extent of willful misconduct or gross negligence by Escrow Agent in connection therewith. The Escrow Agent may consult with counsel of its own choice and shall have full and complete authorization and protection for any action taken or suffered by it hereunder in good faith and in accordance with the opinion of such counsel. The Escrow Agent shall otherwise not be liable for any mistakes of fact or error in

Docusign Envelope ID: ADE3EA8D-998F-4792-87E8-392E815974EB

judgment, or for any acts or omissions of any kind unless caused by its willful misconduct or gross negligence.

d. The Escrow Agent may resign upon ten (10) days' written notice to the Parties. If a successor Escrow Agent is not appointed within said ten (10) day period, the Escrow Agent may petition a court of competent jurisdiction in Lee County, Florida, to name a successor and, upon the appointment of a successor, Escrow Agent shall deliver the Earnest Money to such successor.

e. The Parties acknowledge that the Escrow Agent is legal counsel for the Buyer, and the Parties consent to such continued representation. The Parties further acknowledge that acting as Escrow Agent hereunder shall in no way be deemed or construed a conflict of interest.

f. Escrow Agent's address for any notices to be provided pursuant to the Contract or this Addendum is: 8889 Pelican Bay Blvd., Suite 400, Naples, Florida, 34108 (scott.beatty@henlaw.com).

3. This Addendum, upon its execution by all parties to the Contract, is hereby made an integral part of the Contract. This Addendum may be executed in counterparts and the counterparts taken together shall constitute the agreement of the parties. In the event of a conflict between this Addendum and the Contract, the terms of this Addendum shall govern and control. A facsimile or e-mail copy of this Addendum and any signatures hereon shall be considered for all purposes as original. All other terms and conditions of the Contract not modified herein are hereby ratified and confirmed.

SELLER:
CPI CITRUS PARK UTILITY TRS, LLC.

BY: _____

Print Name: Thomas Levy

Its: Authorized Person

Date: 12/18/2025

BUYER:
BONITA SPRINGS UTILITIES, INC.

Signed by:
BY: Richard Garner
DB36542D5BF941D...

Print Name: Richard Garner

Its: President

Date: 12/18/2025

ESCROW AGENT:
HENDERSON, FRANKLIN, STARNES & HOLT, P.A.

DocuSigned by:
BY: SCOTT BEATTY
6942E6088091440...

Print Name: Scott A. Beatty

Its: Authorized Person

Date: 12/18/2025

EXHIBIT B

APPLICANT FINANCIAL STATEMENT

BONITA SPRINGS UTILITIES, INC.
LEE COUNTY, FLORIDA
BALANCE SHEETS
DECEMBER 31, 2024 AND 2023

	2024	2023
ASSETS		
UTILITY PLANT, PROPERTY, AND EQUIPMENT, AT COST		
Net of Accumulated Depreciation	$ 301,530,264	$ 298,503,214
RESTRICTED CASH AND INVESTMENTS		
Cash and Cash Equivalents	1,541,101	1,854,524
Investments	4,461,068	9,961,679
Total Restricted Cash and Investments	6,002,169	11,816,203
CURRENT ASSETS		
Cash and Cash Equivalents	6,332,999	9,391,777
Investments	52,802,690	50,600,619
Accounts Receivable, Net	2,995,847	2,957,761
Unbilled Accounts Receivable	1,983,177	1,695,296
Material and Supplies Inventory	1,047,885	973,036
Prepaid Expenses	849,403	592,519
Interest Receivable	325,980	247,067
Grant Receivable	7,168,990	5,615,961
Special Service Charges Receivable - Current	610,000	610,000
Other Receivables	205,398	288,545
Total Current Assets	74,322,369	72,972,581
OTHER ASSETS		
Bond Issuance Costs	653,977	646,124
Utility Deposits	26,146	26,146
Deposits on Capital Expenditures	746,198	623,944
Surcharges Receivable - Noncurrent	4,449,247	5,211,408
Total Other Assets	5,875,568	6,507,622
Total Assets	$ 387,730,370	$ 389,799,620

BONITA SPRINGS UTILITIES, INC.
LEE COUNTY, FLORIDA
BALANCE SHEETS
DECEMBER 31, 2024 AND 2023

MEMBERS' EQUITY AND LIABILITIES	2024	2023
MEMBERS' EQUITY		
Members' Investment Certificates	$ 4,205,271	$ 4,205,271
Contributed Capital - Cash and Property	111,235,233	109,222,556
Contributed Capital - ANC Fees and Surcharge Principal	63,706,646	60,927,949
Retained Earnings	158,843,844	154,972,190
Capital Credit Retirement	(9,072,599)	(9,138,039)
Total Members' Equity	328,918,395	320,189,927
LONG-TERM DEBT		
Revenue Bond, Series 2020	14,735,000	19,455,000
Revenue Bond, Series 2021	15,080,000	16,340,000
Drinking Water State Revolving Fund Loan	8,957,899	9,461,068
Deferred Surcharge Income - Noncurrent	4,449,247	5,211,408
Injection Well Retirement Obligation	1,221,050	1,209,094
Total Long-Term Debt	44,443,196	51,676,570
CURRENT LIABILITIES PAYABLE FROM RESTRICTED ASSETS		
Accrued Bond Interest	111,770	136,300
Long-Term Debt - Current Portion	6,483,169	8,050,612
Total Payments Payable from Restricted Assets	6,594,939	8,186,912
CURRENT LIABILITIES		
Accounts Payable	1,906,228	3,511,684
Capital Credit Payable	-	17,239
Retainage Payable	856,508	1,394,943
Customer Deposits	3,124,185	3,019,885
Other Current Liabilities	1,276,919	1,192,460
Deferred Surcharge Income - Current	610,000	610,000
Total Current Liabilities	7,773,840	9,746,211
Total Liabilities	58,811,975	69,609,693
Total Members' Equity and Liabilities	$ 387,730,370	$ 389,799,620

BONITA SPRINGS UTILITIES, INC.
LEE COUNTY, FLORIDA
STATEMENTS OF REVENUES AND EXPENSES
YEARS ENDED DECEMBER 31, 2024 AND 2023

	2024	2023	$ Change	% Change
OPERATING REVENUES				
Water Sales	$ 20,462,498	$ 20,226,695	$ 235,803	1.2%
Wastewater Sales	26,281,741	25,239,329	1,042,412	4.1%
Other Fees	1,111,437	1,388,063	(276,626)	-19.9%
Total Operating Revenues	47,855,676	46,854,087	1,001,589	2.1%
OPERATING EXPENSES				
Plant:				
Distribution and Collection System Costs	5,238,594	5,006,355	232,239	4.6%
Plant Operating Costs	10,788,157	11,025,917	(237,760)	-2.2%
Engineering	1,098,429	937,815	160,614	17.1%
Depreciation	20,311,403	19,395,946	915,457	4.7%
Total Plant	37,436,583	36,366,033	1,070,550	2.9%
General and Administrative:				
Management and Office Costs	2,759,184	2,704,152	55,032	2.0%
Administrative and Personnel	7,910,085	7,438,874	471,211	6.3%
Total General and Administrative	10,669,269	10,143,026	526,243	5.2%
Total Operating Expenses	48,105,852	46,509,059	1,596,793	3.4%
OPERATING MARGIN (LOSS)	(250,176)	345,028	(595,204)	-172.5%
OTHER INCOME (EXPENSES)				
Interest Income	2,055,411	1,553,761	501,650	32.3%
Realized and Unrealized Gains (Losses)	800,798	1,919,002	(1,118,204)	-58.3%
Grant Income	1,569,031	5,615,961	(4,046,930)	-72.1%
Other Non-Operating Income	202,906	199,612	3,294	1.7%
Gain (Loss) on Disposal of Property & Equipment	181,403	56,661	124,742	220.2%
Total Other Income	4,809,549	9,344,997	(4,535,448)	-48.5%
DEBT EXPENSE				
Interest	588,500	712,910	(124,410)	-17.5%
Amortization, Bond Costs and Other	99,219	249,421	(150,202)	-60.2%
Total Debt Expense	687,719	962,331	(274,612)	-28.5%
NET MARGIN	$ 3,871,654	$ 8,727,694	$ (4,856,040)	-55.6%
ALLOCABLE MARGIN (LOSS)	$ (937,895)	$ (617,303)		

EXHIBIT C

DESCRIPTION OF BUYER'S EXPERIENCE

Application For Transfer

Exhibit C
Description of Buyer's Experience

The Bonita Springs Water System, Inc. was created by civic minded residents as a member-owned, not-for-profit utility and incorporated in January, 1970 to provide potable water service to homes and businesses in Bonita Springs. In February, 1970, the Lee County Commission granted a franchise for the original service area in unincorporated Lee County. Over the years, the utility extended the water system as the population grew.

In the 1990s, Bonita Springs Water Systems got into the wastewater business, and rebranded itself as Bonita Springs Utilities, Inc. The utility pioneered community-wide wastewater service by purchasing a wastewater treatment plant from Bonita Bay and expanding it to serve the greater Bonita area. In the years that followed BSU installed a backbone grid of force mains, allowing 40 package treatment plants to be taken out of service and connect to a large, more efficient and environmentally friendly centralized system. BSU continued efforts to protect local waterways by initiating a gravity expansion program in 1995 to replace thousands of septic tanks with central sewer service. BSU wastewater effluent was reused for irrigation in the community. A source of pollution is eliminated and millions of gallons of water are saved each day. With the construction of the East Wastewater Reclamation Facility and its dryer system, even the bio-solid waste is reused and made into fertilizer pellets, allowing for 100 percent reuse.

As Bonita Springs and Southwest Florida continued its robust growth, the utility kept pace, meeting demand. Capital investment in expanded utility facilities continued for decades. With the incorporation of the City of Bonita Springs in 2000 BSU and Lee County included the City in BSU's Franchise Agreement. Today more than 130 employees serve approximately 75,000 customers with water and wastewater service across the City of Bonita Springs, the southern portion of the Village of Estero, and unincorporated South Lee County. The utility is recognized as an industry leader and has numerous awards from the American Water Works Association, Florida Department of Environmental Protection and Florida Water Environment Association:

Water System

Today BSU produces approximately 10 million gallons of drinking water every day for our members. Our water treatment system includes more than 45 wells, two water treatment plants, approximately 484 miles of water distribution pipes, 8,000 valves, 3,600 fire hydrants. Water supply is diversified through two sources: the Lower Tamiami and Upper Floridan Aquifers.

The Lime Softening Water Treatment Plant has a 9 MGD capacity. 19 wells (80-115 feet deep) draw fresh water from the Lower Tamiami Aquifer. Lime softening is a water treatment process that uses calcium hydroxide, or limewater, to soften water by removing calcium and magnesium. Lime softening is common in Florida and offers many benefits, including the reduction of dissolved minerals and metals that naturally exist in source water.

The Reverse Osmosis Water Treatment Plant has a 12.5 MGD capacity. 26 wells (700-1,120 feet deep) draw brackish water from the Upper Floridan Aquifer. Reverse osmosis is a water purification method that removes salt, sand and other impurities from drinking water using water pressure and a semi-impermeable membrane. The RO Plant includes 2.0 MGD bypass capability, which will allow blending of Lower Tamiami Aquifer well water with Upper Floridan Aquifer well water to reduce RO system operating costs and provide backup capacity when the Lime Softening Plant is offline for maintenance. Water from the two plants is blended to create the highest quality product for BSU members. Recent water system awards include:

Water Distribution Award for Outstanding Performance, Florida Section of American Water Works Associations, Division 4 – 2021, 2019, 2017, 2015, 2014, 2012, 2011, 2009

Best Tasting Drinking Water Contest Winner, American Water Works Association, Region V – 2022, 2016

Plant of the Year Award for the RO Plant, Southeast Desalting Association – 2006-2005

Wastewater System

Every day BSU processes approximately 5 million gallons of wastewater effluent. The wastewater system includes two water reclamation facilities, 475 miles of force mains and collection pipes, 352 pump stations, and 8,500 manholes. Wastewater is treated with mechanical, biological and chemical processes that remove debris and contaminants from the water. Then, wastewater is processed and recycled into three components: (1) Debris that is sent to landfill, (2) Reclaimed water that is sold for irrigation, and (3) Dried pellets that are sold as fertilizer

The East Water Reclamation Facility (EWRF) has a capacity of 4.0 MGD using advanced membrane-bioreactor technology. Wastewater effluent is pumped to the WWRF and reused for public access irrigation on golf courses, common areas and residential lawns in the City. In addition, wastewater biosolids are processed through a system of centrifuges and dryer which pull virtually all the moisture from the materials. The resulting pelletized Class AA residuals are less costly to haul than sludge, generate income for BSU and provide environmental benefits as pellets are sold for fertilizer additives.

The West Water Reclamation Facility (WWRF) has an activated sludge system with a capacity of 7.0 MGD. The WWRF also treats wastewater to public access irrigation standards. In addition, biosolids are transferred to the EWRF for further treatment through the dryer system and sale as pelletized Class AA residuals. Virtually 100% of the treated wastewater is reused for irrigation purposes in the service area. Three days of reclaimed water storage capacity is available in the system. The WWRF is also equipped with a deep injection well for effluent disposal if needed due to extended wet weather conditions when landscape and golf course irrigation is not available.

Recent wastewater system awards include:

FWEA WR3 & David W. York Water Reuse Award, Outstanding Public Education – 2022

SEDA Plant of the Year Under 5MGD, Outstanding Membrane Plant Award, Small Facility – 2022

FWEA Biosolids/Residuals Program Excellence Award, Small Operating Projects – 2020

1st Place Winner, Earle B. Phelps Award to the Wastewater Treatment Team at the East Water Reclamation Facility, Florida Water Environment Association – 2019, 2018, 2014

Leroy H. Scott Award for East Water Reclamation Facility Lead Operator Jake Hepokoski, Florida Water Environment Association – 2019, 2018

Safety Award from the FWPCOA for the Operations Staff's outstanding safety record at the East Water Reclamation Facility – 2018

Safety Award for the Utility of the Year from the FWPCOA for its outstanding safety record – 2018

FWEA Biosolids/Residuals Program Excellence Award for the East Water Reclamation Facility – 2017, 2014

Runner-Up, Earle B. Phelps Award to the Wastewater Treatment Team at the East Water Reclamation Facility, Florida Water Environment Association – 2016

Domestic Wastewater Plant Operations Excellence Award for the East Water Reclamation Facility – 2016

FWEA Top Ten Safety Award – 2014

Winner of FDEP Plant Operations Award for the EWRF – 2012

EXHIBIT D

BUYER'S PLANS FOR ENSURING CONTINUED OPERATION OF UTILITY

Application For Transfer

Exhibit D
Buyer's Plan for Continued Operation

Since the start of its water operations over 50 years ago and wastewater operations over 30 years ago BSU has seen itself as a community resource and has expanded its facilities over time by acquiring and incorporating smaller utility systems into its regional facilities. BSU continues this approach with the acquisition of the Citrus Park systems.

Following closing, BSU will initially operate the Citrus Park water and wastewater treatment plants while it constructs both water and wastewater interconnections. Following completion, water and wastewater service will be provided to the former Citrus Park (and Belle Villa) customers from BSU's facilities, and the treatment plant assets acquired from Citrus Park will be taken out of service, decommissioned and demolished.

The Seller utilizes the services of a contract operator. BSU employs a staff of over 130 individuals. A majority of staff are in the Operations Department, which includes several dozen water and wastewater licensed treatment plant operators and field staff. Some BSU staff members even have experience with the Citrus Park system. BSU also has a large fleet of vehicles as well as tools and equipment to work on the acquired system. In short, BSU staff are well equipped to operate the Citrus Park systems, facilitate the interconnects, and ultimately provide service from BSU's treatment plants.

Following interconnection, the wastewater treatment plant site Lease in favor of BSU will be terminated and the property may be used for other purposes by CPI Citrus Park Owner, L.L.C., ("Property Owner"). The water treatment plant site is quite small. A portion required to support BSU's operations will remain with BSU and the rest will likewise be available to the Property Owner for other purposes.

The water distribution system within Citrus Park will continued to be owned and maintained by the Park (along with other amenities for the residents). BSU will acquire, operate and maintain the wastewater force mains and lift stations serving within the Park. The Park will continue to own and maintain the local collections pipelines within the Park.

Planning and engineering design work on the water and wastewater interconnections is underway. Citrus Park is located in close proximity to BSU's water plants and its East Water Reclamation Facility, as well as water and wastewater mains serving other BSU customers in the area.

EXHIBIT E

FDEP AND SFWMD PERMITS[1]

[1] For security reasons, certain maps of critical infrastructure appended to SFWMD permits have not been included in this exhibit. If requested, Applicant will provide said maps under a request for confidential classification.

FLORIDA DEPARTMENT OF Environmental Protection

South District Office
2295 Victoria Ave, Suite 364
Ft. Myers, Florida 33901-3875

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

November 26, 2024

In the Matter of an
Application for Permit by:

Bonita Springs Utilities Inc
Kim Hoskins
11860 E Terry St
Bonita Springs, Florida 34135-6127
khoskins@bsu.us

File Number FLA012343-010-DW1P
Lee County
Bonita Springs Utilities East WRF

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number FLA012343 to operate the Bonita Springs Utilities East WRF, issued under Chapter 403**,** Florida Statutes.

Monitoring requirements under this permit are effective on the first day of the second month following the effective date of the permit. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

Petition for Administrative Hearing
A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;
(b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative,

if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;

(c) A statement of when and how the petitioner received notice of the agency decision;
(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
(e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
(f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@FloridaDEP.gov. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the notice or within 14 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise provided to all persons substantially affected by the decision. While you are not required to publish notice of this action, you may elect to do so pursuant Rule 62-110.106(10)(a), F.A.C.

The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C. If you do not publish notice of this action, this waiver may not apply to persons who have not received a clear point-of-entry.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@FloridaDEP.gov, before the deadline

for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation
Mediation is not available in this proceeding.

Judicial Review
Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.

EXECUTION AND CLERKING
Executed in Lee County, Florida.
STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

for
Elizabeth Sweigert
Director of District Management

Attachments:
1. Permit No. FLA012343
2. Statement of Basis

CERTIFICATE OF SERVICE
The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

Diana F. Francois, P.E., Diana.Francois@jacobs.com

FILING AND ACKNOWLEDGMENT
FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.

November 26, 2024
Clerk **Date**

FLORIDA DEPARTMENT OF Environmental Protection

South District Office
2295 Victoria Ave, Suite 364
Ft. Myers, Florida 33901-3875

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

STATE OF FLORIDA
DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:
Bonita Springs Utilities Inc

RESPONSIBLE OFFICIAL:
Kim Hoskins
11900 E Terry St
Bonita Springs, Florida 34135- 6127
(239) 390-4834
KHoskins@bsu.us

PERMIT NUMBER: FLA012343
FILE NUMBER: FLA012343-010-DW1P
ISSUANCE DATE: **November 26, 2024**
EFFECTIVE DATE: **November 26, 2024**
EXPIRATION DATE: **November 25, 2029**

FACILITY:
Bonita Springs Utilities East WRF
11550 Operations Way
WELLFIELD RD. EAST OF I-75 & N OF TERRY
Bonita Springs, FL 34135-6127
Lee County
Latitude: 26°22' 22.61" N Longitude: 81°45' 57.27" W

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and applicable rules of the Florida Administrative Code (F.A.C.). This permit does not constitute authorization to discharge wastewater other than as expressly stated in this permit. The above-named permittee is hereby authorized to operate the facilities in accordance with the documents attached hereto and specifically described as follows:

WASTEWATER TREATMENT:

The domestic wastewater treatment facility is a modified Ludzack-Ettinger/membrane bioreactor (MBR) process Water Reclamation Facility (WRF). The permitted capacity is 4.000 MGD Monthly Average Daily Flow (MADF). Major units of the WRF's headworks consist of influent screening, one velocity controlled grit facility, and an associated odor control system. The WRF has one 1.2-million-gallon (MG) equalization basin and a fine screen facility. The biological treatment units consist of two 395,000-gallon anoxic basins, three 500,000-gallon aeration basins, four 27,000-gallon membrane basins and 20 membrane cassettes. The disinfection system consists of two 36,450-gallon chlorine contact basins, and sodium hypochlorite feed system. The WRF has one 4 MG lined reject storage pond and one 4 MG lined wet-weather storage pond. The major units of the biosolids treatment facility consist of two 199,000 gallon sludge storage tanks, one rotary drum thickener, two centrifuges, and one drying facility, and onsite storage silos.

REUSE OR DISPOSAL:

Land Application R-001: An existing 9.749 MGD monthly average daily flow permitted capacity slow-rate public access system. There is an interconnect between the facility and the Bonita Springs West WRF (permit number FLA014443). The treated reclaimed water is used by the Regional Reuse Service Area specified in the Bonita Springs West WRF permit. This Regional Reuse Service Area has a disposal capacity of 9.749 MGD, MADF. The combined total of both Bonita Springs Utilities' wastewater treatment plants shall not exceed 9.749 MGD, MADF. The Class I underground injection well permitted under permit number 190919-004-UO/1M (located at the West WRF) may receive flow from the East WRF for wet-weather disposal.

IN ACCORDANCE WITH: The limitations, monitoring requirements, and other conditions set forth in this cover sheet and Part I through Part IX on pages 1 through 18 of this permit.

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.B.8.:

			Reclaimed Water Limitations		Monitoring Requirements			
Parameter	Units	Max. /Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Flow (total received by the reuse system)	MGD	Max	9.749	Monthly Average	Continuous	Calculated	CAL-04	
Flow (total received by the injection well system)	MGD	Max	2.430	Annual Average	Continuous	Meter	FLW-08	
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Weekly	16-hr FPC	EFA-01	
Solids, Total Suspended	mg/L	Max	5.0	Single Sample	4 days/week	Grab	EFB-01	
Coliform, Fecal	#/100mL	Max	25	Single Sample	4 days/week	Grab	EFA-01	
Coliform, Fecal, % less than detection	percent	Min	75	Monthly Total	4 days/week	Calculated	EFA-01	See I.A.4
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	Continuous	Meter	EFA-01	See I.A.3
Chlorine, Total Residual (For Disinfection)	mg/L	Min	1.0	Single Sample	Continuous	Meter	EFA-01	See I.A.5 and I.A.8
Solids, Total Suspended	mg/L	Max	Report	Single Sample	Continuous	Meter	EFB-01	
Giardia	cysts/100 L	Max	Report	Single Sample	Biannually; Every 2 years	Grab	EFA-01	See I.A.9
Cryptosporidium	oocysts/100L	Max	Report	Single Sample	Biannually; Every 2 years	Grab	EFA-01	See I.A.9
Turbidity (when turbidity meter is used as backup to the online TSS analyzer)	NTU	Max	Report	Single Sample	Continuous	Meter	EFB-01	See I.A.6 and I.A.8

2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I.A.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
CAL-04	Sum of the effluent flows from the East WRF and West WRF to the reuse system.
FLW-08	Flow meter on the wellhead for Bonita Springs Utilities deep injection well.
EFA-01	Final sample for reclaimed water is taken from the chlorine contact basins' effluent channel.
EFB-01	Prior to filter weir overflow to the inlet of chlorine contact chamber.

3. Hourly measurement of pH during the period of required operator attendance may be substituted for continuous measurement. *[62-600.660(1)]*

4. To report the "% less than detection," count the number of fecal coliform observations that were less than detection, divide by the total number of fecal coliform observations in the month, and multiply by 100% (round to the nearest integer). *[62-600.440(6)(a)]*

5. The minimum total chlorine residual shall be limited as described in the approved operating protocol, such that the permit limitation for fecal coliform bacteria will be achieved. In no case shall the total chlorine residual be less than 1.0 mg/L. *[62-600.440(6)(b)][62-610.460(2)][62-610.463(2)]*

6. The maximum turbidity shall be limited as described in the approved operating protocol, such that the permit limitations for total suspended solids and fecal coliforms will be achieved. Filtration shall be provided for total suspended solids control. *[62-610.463(2)]*

7. The treatment facilities shall be operated in accordance with all approved operating protocols. Only reclaimed water that meets the criteria established in the approved operating protocols may be released to system storage or to the reuse system. Reclaimed water that fails to meet the criteria in the approved operating protocols shall be directed to reject storage for subsequent additional treatment or disinfection. *[62-610.320(6) and 62-610.463(2)]*

8. Instruments for continuous on-line monitoring of total residual chlorine and turbidity shall be equipped with an automated data logging or recording device. *[62-610.463(2)]*

9. Intervals between sampling for Giardia and Cryptosporidium shall not exceed two years. [62-610.463(4)]

B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.B.8.:

			Limitations		Monitoring Requirements			
Parameter	Units	Max. /Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Flow (received by treatment plant)	MGD	Max Max	4.000 Report	Monthly Average 3-Month Rolling Average	Continuous	Recording Flow Meter with Totalizer	FLW-01	See I.B.4
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	3-Month Rolling Average	Monthly	Calculated	CAL-01	
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	Weekly	16-hr FPC	INF-01	See I.B.3
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	Weekly	16-hr FPC	INF-01	See I.B.3

2. Samples shall be taken at the monitoring site locations listed in Permit Condition I.B.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-01	Influent flow meter with totalizer and recorder located at the influent line going to the headworks.
CAL-01	Calculated from the FLW-01 measurements.
INF-01	Influent sample taken from the influent box prior to mixing with other internal plant flows.

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. *[62-600.660(4)(a)]*

4. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. *[62-600.200(25)]*

5. Sampling results for giardia and cryptosporidium shall be reported on DEP Form 62-610.300(3)(a)4, Pathogen Monitoring, which is attached to this permit. This form shall be submitted to the Department's Wastewater Management Program (M.S. 3545 Blair Stone Road, Tallahassee, Florida 32399-2400 or at epost.bwfrdom@dep.state.fl.us) and to the Department's South District Office. *[62-610.300(4)(a)]*

6. The sample collection, analytical test methods, and method detection limits (MDLs) applicable to this permit shall be conducted using a sufficiently sensitive method to ensure compliance with applicable water quality standards and effluent limitations and shall be in accordance with Rule 62-4.246, Chapters 62-160 and 62-600, F.A.C., and 40 CFR 136, as appropriate. The list of Department established analytical methods, and corresponding MDLs (method detection limits) and PQLs (practical quantitation limits), which is titled "FAC 62-4 MDL/PQL Table (November 10, 2020)" is available at https://floridadep.gov/dear/quality-assurance/content/quality-assurance-resources. The MDLs and PQLs as described in this list shall constitute the minimum acceptable MDL/PQL values and the Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those described above unless alternate MDLs and/or PQLs have been specifically approved by the Department for this permit. Any method included in the list may be used for reporting as long as it meets the following requirements:

   a. The laboratory's reported MDL and PQL values for the particular method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;

   b. The laboratory reported MDL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide an MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and

   c. If the MDLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated MDL shall be used.

   When the analytical results are below method detection or practical quantitation limits, the permittee shall report the actual laboratory MDL and/or PQL values for the analyses that were performed following the instructions on the applicable discharge monitoring report.

   Where necessary, the permittee may request approval of alternate methods or for alternative MDLs or PQLs for any approved analytical method. Approval of alternate laboratory MDLs or PQLs are not necessary if the laboratory reported MDLs and PQLs are less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Approval of an analytical method not included in the above-referenced list is not necessary if the analytical method is approved in accordance with 40 CFR 136 or deemed acceptable by the Department. *[62-4.246, 62-160]*

7. The permittee shall provide safe access points for obtaining representative samples which are required by this permit. *[62-600.650(2)]*

8. Monitoring requirements under this permit are effective on the first day of the second month following the effective date of the permit. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e. monthly, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Unless specified otherwise in this permit, monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below. DMRs shall be submitted for each required monitoring period including periods of no discharge.

REPORT Type on DMR	Monitoring Period	Submit by
Monthly	first day of month - last day of month	28th day of following month
Once Every Two Months	January 1 - February 28/29 March 1 - April 30 May 1 - June 30	March 28 May 28 July 28

REPORT Type on DMR	Monitoring Period	Submit by
	July 1 - August 31 September 1 - October 31 November 1 - December 31	September 28 November 28 January 28
Quarterly	January 1 - March 31 April 1 - June 30 July 1 - September 30 October 1 - December 31	April 28 July 28 October 28 January 28
Semiannual	January 1 - June 30 July 1 - December 31	July 28 January 28
Annual	January 1 - December 31	January 28

The permittee may submit either paper or electronic DMR forms. If submitting electronic DMR forms, the permittee shall use the electronic DMR system approved by the Department (EzDMR) and shall electronically submit the completed DMR forms using the DEP Business Portal at https://www.fldepportal.com/go/. Reports shall be submitted to the Department by the twenty-eighth (28th) of the month following the month of operation. Data submitted in electronic format is equivalent to data submitted on signed and certified paper DMR forms.

If submitting paper DMR forms, the permittee shall make copies of the attached DMR forms, without altering the original format or content unless approved by the Department, and shall mail the completed DMR forms to the Department's South District Office at the address specified in Permit Condition I.B.15. by the twenty-eighth (28th) of the month following the month of operation.

[62-620.610(18)][62-600.680(1)]

9. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., and the Revised Total Coliform Rule contained in Rule 62-550.830, F.A.C., (except for asbestos, color, odor, and residual disinfectants). These monitoring results shall be reported to the Department annually on the DMR. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted with the signed DMR in lieu of performing the analysis. When such a certification is submitted with the DMR, monitoring not required this period should be noted on the DMR. The annual reclaimed water or effluent analysis report, and certification if applicable, shall be completed and submitted in a timely manner so as to be received by the Department at the address identified on the DMR by January 28 of each year. Approved analytical methods identified in Rule 62-620.100(3)(j), F.A.C., shall be used for the analysis. If no method is included for a parameter, methods specified in Chapter 62-550, F.A.C., shall be used. *[62-600.660(2) and (3)(d)][62-600.680(2)][62-610.300(3)]*

10. The permittee shall submit an Annual Reuse Report using DEP Form 62-610.300(4)(a)2 on or before January 1 of each year. [62-610.870(3)]

11. Operating protocol shall be reviewed and updated periodically to ensure continuous compliance with the minimum treatment and disinfection requirements. Updated operating protocols shall be submitted to the Department's South District Office for review and approval upon revision of the operating protocol and with each permit application. *[62-610.320(6)][62-610.463(2)]*

12. The permittee shall maintain an inventory of storage systems. The most recent inventory shall be submitted each year with the Annual Reuse Report. At least 30 days before reclaimed water will be introduced into any new storage system, the updated inventory shall be submitted to the Department's South District Office. The inventory shall include the following:

    a. name or identifier for the storage system;

    b. location of the storage system (latitude/longitude);

    c. function of the storage system (system storage or reject storage);

    d. type of facility (covered tank, lined pond, unlined pond);

e. Indication of whether or not the storage facility is a water of the state or discharges to a water of the state; and

f. distances to the nearest public water supply wells and to the nearest potable water supply wells which are not public water supply wells.

[62-610.464(5) and 62-610.870(3)(d)]

13. The permittee shall submit an annual report summarizing the implementation of the facility's collection system action plan required by paragraph 62-600.704(2)(b), F.A.C. The report shall be electronically submitted to the Department's South District Office no later than June 30 of each calendar year. *[62-600.705(2)]*

14. The permittee shall submit the following with any application for permit renewal or substantial permit revision:

a. a copy of the facility's up-to-date power outage contingency plan required by subsection 62-600.705(1), F.A.C., for mitigating impacts to the facility's collection systems and pump stations; and,

b. an electronic summary of the facility's up-to-date collection system action plan required by paragraph 62-600.705(2)(a), F.A.C.

[62-600.705(1) and (2)]

15. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's South District Office at the email address specified below:

Florida Department of Environmental Protection
South District
SouthDistrict@FloridaDEP.gov

Please contact the Department at (239) 344-5600 if you are unable to submit electronically. *[62-620.305]*

16. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. *[62-620.305]*

II. BIOSOLIDS MANAGEMENT REQUIREMENTS

A. Basic Requirements

1. Biosolids generated by this facility may be distributed and marketed or disposed of in a Class I solid waste landfill. *[62-620.320(6), 62-640.880(1)]*

2. The permittee shall monitor and keep records of the quantities of biosolids generated, received from source facilities, treated, distributed and marketed, or landfilled. These records shall be kept for a minimum of five years. *[62-640.650(4)(a)]*

3. Biosolids quantities shall be monitored by the permittee as specified below. Results shall be reported on the permittee's Discharge Monitoring Report for Monitoring Group RMP-Q in accordance with Condition I.B.I.B.8.

			Biosolids Limitation		Monitoring Requirements			
Parameter	Units	Max. /Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Biosolids Quantity (Received)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-1	
Biosolids Quantity (Landfilled)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-2	

			Biosolids Limitation		Monitoring Requirements			
Parameter	Units	Max. /Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Biosolids Quantity (Distributed & Marketed in FL)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-3	
Biosolids Quantity (Distributed & Marketed outside FL)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-4	

[62-640.650(5)(a)1]

4. Biosolids quantities shall be calculated as listed in Permit Condition II.A.3. and as described below:

Monitoring Site Number	Description of Monitoring Site Calculations
RMP-1	Monthly Total of Biosolids Received.
RMP-2	Monthly Total of Biosolids Landfilled.
RMP-3	Inside Florida: Monthly Total of Biosolids Distributed and Marketed in Florida.
RMP-4	Outside Florida: Monthly Total of Biosolids Distributed and Marketed outside of Florida.

5. The treatment, management, transportation, use, land application, or disposal of biosolids shall not cause a violation of the odor prohibition in subsection 62-296.320(2), F.A.C. *[62-640.400(6)]*

6. Storage of biosolids or other solids at this facility shall be in accordance with the Facility Biosolids Storage Plan. *[62-640.300(4)]*

7. Biosolids shall not be spilled from or tracked off the treatment facility site by the hauling vehicle. *[62-640.400(9)]*

8. Waste activated sludge from the Bonita Springs West WRF is pumped to this facility (the Bonita Springs East WRF) through a dedicated pipeline for sludge conveyance. This is accomplished through a sludge transfer pump station located at the West WRF. A flow meter at the East WRF records the daily WAS flow from the West WRF for recordkeeping.

B. Treatment and Monitoring Requirements

1. The permittee is authorized to produce Class AA biosolids.

2. The permittee shall achieve Class A pathogen reduction by meeting the pathogen reduction requirements in section 503.32(a)(3) (Thermally Treated Biosolids) and of Title 40 CFR Part 503. *[62-640.600(1)(a)]*

3. The permittee shall achieve vector attraction reduction for Class A or B biosolids by meeting the vector attraction reduction requirements in section 503.33(b)(8) (Reduce moisture content of biosolids to at least 90 % solids) of Title 40 CFR Part 503. *[62-640.600(2)(a)]*

4. Fecal coliform, or Salmonella sp. shall be routinely monitored to demonstrate compliance with pathogen reduction requirements specified in Rule 62-640.600, F.A.C. *[62-640.650(3)(a)2]*

5. Fecal coliform, or Salmonella sp. shall be routinely monitored to demonstrate compliance with vector attraction reduction requirements specified in Rule 62-640.600, F.A.C. *[62-640.650(3)(a)2]*

6. Treatment of liquid biosolids or septage for the purpose of meeting the pathogen reduction or vector attraction reduction requirements set forth in Rule 62-640.600, F.A.C., shall not be conducted in the tank of a hauling vehicle. Treatment of biosolids or septage for the purpose of meeting pathogen reduction or vector attraction reduction requirements shall take place at the permitted facility. *[62-640.400(7)]*

7. Class AA biosolids shall comply with the limits and be monitored by the permittee as specified below. Results shall be reported on the permittee's Discharge Monitoring Report in accordance with Permit Condition I.B.I.B.8. Biosolids shall not be distributed and marketed or land applied if a single sample result or the monthly average of sample results for any parameter exceeds the following Class AA parameter concentrations:

			Biosolids Limitation		Monitoring Requirements			
Parameter	Units	Max. /Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Nitrogen, Sludge, Tot, Dry Wt (as N)	percent	Max	Report	Monthly Average	Monthly	Composite	RMP-AA	
Phosphorus, Sludge, Tot, Dry Wt (as P)	percent	Max	Report	Monthly Average	Monthly	Composite	RMP-AA	
Potassium, Sludge, Tot, Dry Wt (as K)	percent	Max	Report	Monthly Average	Monthly	Composite	RMP-AA	
Arsenic Total, Dry Weight, Sludge	mg/kg	Max Max	41.0 75.0	Monthly Average Single Sample	Monthly	Composite	RMP-AA	
Cadmium, Sludge, Tot, Dry Weight (as Cd)	mg/kg	Max Max	39.0 85.0	Monthly Average Single Sample	Monthly	Composite	RMP-AA	
Copper, Sludge, Tot, Dry Wt. (as Cu)	mg/kg	Max Max	1500.0 4300.0	Monthly Average Single Sample	Monthly	Composite	RMP-AA	
Lead, Dry Weight, Sludge	mg/kg	Max Max	300.0 840.0	Monthly Average Single Sample	Monthly	Composite	RMP-AA	
Mercury, Dry Weight, Sludge	mg/kg	Max Max	57.0 17.0	Monthly Average Single Sample	Monthly	Composite	RMP-AA	
Molybdenum, Dry Weight, Sludge	mg/kg	Max	75.0	Single Sample	Monthly	Composite	RMP-AA	
Nickel, Dry Weight, Sludge	mg/kg	Max Max	420.0 420.0	Monthly Average Single Sample	Monthly	Composite	RMP-AA	
Selenium Sludge Solid	mg/kg	Max Max	100.0 100.0	Monthly Average Single Sample	Monthly	Composite	RMP-AA	
Zinc, Dry Weight, Sludge	mg/kg	Max Max	7500.0 2800.0	Monthly Average Single Sample	Monthly	Composite	RMP-AA	
pH	s.u.	Max	Report	Single Sample	Monthly	Grab	RMP-AA	
Solids, Total, Sludge, Percent	percent	Max Max	Report Report	Monthly Average Single Sample	Monthly	Composite	RMP-AA	
Coliform, Fecal	MPN/g	Max	1000.0	Single Sample	Monthly	Grab	RMP-AA	
Salmonella Sludge	MPN/4g	Max	3.0	Single Sample	Monthly	Grab	RMP-AA	

*Either the fecal coliform limit or Salmonella sp. limit must be met.
**Note, monthly averages of parameter concentrations shall be determined by taking the arithmetic mean of all sample results for the month.

[62-640.650(3)(a)(3), 62-640.700(5)(a), 62-640.700(5)(b) and 62-640.850(4)]

8. Sampling and analysis shall be conducted in accordance with 40 CFR Part 503.8 and the U.S. Environmental Protection Agency publication - POTW Sludge Sampling and Analysis Guidance Document, August 1989. In cases where conflicts exist between 40 CFR 503.8 and the POTW Sludge Sampling and Analysis Guidance Document, the requirements in 40 CFR Part 503.8 will apply. *[62-640.650(3)(a)1]*

9. All samples shall be representative and shall be taken after final treatment of the biosolids but before land application or distribution and marketing. *[62-640.650(3)(a)5]*

10. Biosolids samples shall be taken at the monitoring site locations listed in Permit Condition II.B.7. and as described below:

Monitoring Site Number	Description of Monitoring Site
RMP-AA	Class AA Biosolids

C. Distribution and Marketing

1. Biosolids or biosolids products may be distributed and marketed only if the biosolids or biosolids products meet Class AA standards and are either sold or given-away under a Florida fertilizer license or distributed and marketed to a person or entity that will sell or give-away the biosolids or biosolids products under Florida fertilizer license. Biosolids composts that are enrolled and certified under the U.S. Composting Council's Seal of Testing Assurance (USCC STA) program do not have to be sold or given-away under a Florida fertilizer license except if distributed and marketed within the Lake Okeechobee, St. Lucie River, and Caloosahatchee River watersheds. *[62-640.850]*

2. Within 24 hours of discovering that distributed and marketed biosolids did not meet the Class AA standards, the permittee shall notify the Department and all persons to whom they delivered or distributed and marketed the Class AA biosolids. *[62-640.650(6)(g)]*

3. The permittee shall make the following information available to users by product labels or other means:

   a. The fertilizer label required by Florida fertilizer law or the equivalent information required by the USCC STA program;

   b. The name and address of the facility or person that produced the Class AA biosolids;

   c. A statement that the biosolids or biosolids product meets the criteria of subsection 62-640.700(5), F.A.C.;

   d. Recommendation that biosolids be applied at a rate that does not exceed crop or plant nutrient needs and;

   e. Recommendations on proper storage of the biosolids or biosolids product prior to use. For distributed quantities of biosolids or biosolids products greater than one dry ton, the recommendations shall include that biosolids may not be stored on property for more than seven days unless stored to prevent runoff of biosolids or stormwater that has been in contact with biosolids, violation of the odor prohibition in subsection 62-296.320(2), F.A.C., and vector attraction.

   [62-640.850(5)]

D. Disposal

1. Disposal of biosolids, septage, and "other solids" in a solid waste disposal facility, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. *[62-640.100(6)(b) & (c)]*

E. Transfer

1. The permittee shall keep hauling records to track the transport of biosolids between the facilities. The hauling records shall contain the following information:

Source Facility	Biosolids Treatment Facility or Treatment Facility
1. Date and time shipped	1. Date and time received
2. Amount of biosolids shipped	2. Amount of biosolids received
3. Degree of treatment (if applicable)	3. Name and ID number of source facility
4. Name and ID Number of treatment facility	4. Signature of hauler
5. Signature of responsible party at source facility	5. Signature of responsible party at treatment facility
6. Signature of hauler and name of hauling firm	

A copy of the source facility hauling records for each shipment shall be provided upon delivery of the biosolids to the biosolids treatment facility or treatment facility. The treatment facility permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of biosolids leaving the source facility and arriving at the biosolids treatment facility or treatment facility.

[62-640.880(4)]

F. Receipt

1. The permittee shall be responsible for proper treatment, management, and disposition of biosolids accepted from source facilities. *[62-640.880(1)(a)]*

2. The permittee shall enter into a written agreement with each source facility that it intends to receive biosolids from. The agreement shall address the quality and quantity of the biosolids accepted by the permittee. The agreement shall include a statement, signed by the permittee, as to the availability of sufficient permitted capacity to receive the biosolids from the source facility, and indicating that the permittee will continue to operate in compliance with the requirements of its permit. The agreement shall also address responsibility during transport of biosolids between the facilities. The permittee shall submit a copy of this agreement to the Department's South District Office at least 30 days before transporting biosolids from the source facility to the permittee. *[62-640.880(1)(c)]*

III. GROUND WATER REQUIREMENTS

1. The ground water monitoring requirements for this facility are covered under permit number FLA014443 Part III, Ground Water Monitoring Requirements, for the Bonita Spring Utilities West WRF and subsequent renewals of that facility's operation permit.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

A. Part III Public Access System

1. The Bonita Springs East WRF provides reclaimed water to the Bonita Springs Regional Reuse Service Area System. The additional reuse and land application requirements for the reuse system are contained in Section IV of the Bonita Springs West WRF, permit number FLA014443.

V. OPERATION AND MAINTENANCE REQUIREMENTS

A. Staffing Requirements

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of one or more operators certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category II, Class B facility and, at a minimum, operators with appropriate certification must be on the site as follows:

   A Class C or higher operator 16 hours/day for 7 days/week. The lead/chief operator must be a Class B operator, or higher.

   [62-620.630(3)][62-699.310] [62-610.462]

2. The lead/chief operator shall be employed at the plant full time. "Full time" shall mean at least 4 days per week, working a minimum of 35 hours per week, including leave time. A licensed operator shall be on-site and in charge of each required shift for periods of required staffing time when the lead/chief operator is not on-site. An operator meeting the lead/chief operator class for the treatment plant shall be available during all periods of plant operation. "Available" means being able to be contacted as needed to initiate the appropriate action in a timely manner. *[62-699.311(10), (6) and (1)]*

3. An operator meeting the lead/chief operator class for the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. *[62-699.311(1)]*

B. Capacity Analysis Report and Operation and Maintenance Performance Report Requirements

1. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. *[62-600.405(5)]*

2. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. *[62-600.735(1)]*

C. Recordkeeping Requirements

1. The permittee shall maintain the following records and make them available for inspection at the following address: on the site of the permitted facility.

   a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;

   b. Copies of all reports required by this permit for at least three years from the date the report was prepared;

   c. Records of all data, including reports and documents, used to complete the application for this permit for at least three years from the date the application was filed;

   d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;

   e. A copy of the current wastewater facility permit;

   f. Copies of the current operation and maintenance manuals for the wastewater facility and the collection/transmission systems owned or operated by the wastewater facility permittee as required by Chapters 62-600 and 62-604, F.A.C.;

   g. A copy of any required record drawings for the wastewater facility and the collection/transmission systems owned or operated by the wastewater facility permittee;

   h. Copies of the licenses of the current certified operators;

   i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and license number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities, including any preventive maintenance or repairs made or requested; results of tests performed and samples taken, unless documented on a laboratory sheet; and notation of any notification or reporting completed in accordance with Rule 62-602.650(3), F.A.C. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed; and

   j. Records of biosolids quantities, treatment, monitoring, and hauling for at least five years.

   [62-620.350, 62-604.500, 62-602.650, 62-640.650(4)]

VI. SCHEDULES

1. The permittee is not authorized to discharge to waters of the state after the expiration date of this permit, unless:

   a. The permittee has applied for renewal of this permit at least 180 days before the expiration date of this permit using the appropriate forms listed in Rule 62-620.910, F.A.C., and in the manner established in the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C.; or

b. The permittee has made complete the application for renewal of this permit before the permit expiration date.

[62-620.335(1)-(4)]

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

This facility is not required to have a pretreatment program at this time. *[62-625.500]*

VIII. OTHER SPECIFIC CONDITIONS

1. In the event that the wastewater facilities or equipment, including collection/transmission systems, no longer function as intended, are no longer safe in terms of public health and safety (including inactive or abandoned facilities), or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by paragraphs 62-600.400(2)(a) and 62-604.400(2)(c), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in subsection 62-296.320(2), F.A.C. *[62-600.410(5), 62-604.500(3) and 62-640.400(6)]*

2. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. *[62-604.130(4)]*

3. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX.20. *[62-604.550] [62-620.610(20)]*

4. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):

   a. Which may cause fire or explosion hazards; or

   b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or

   c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or

   d. Which result in the wastewater temperature at the introduction of the treatment plant exceeding $40^{o}C$ or otherwise inhibiting treatment; or

   e. Which result in the presence of toxic gases, vapors, or fumes that may cause worker health and safety problems.

   [62-604.130(5)]

5. The treatment facility, storage ponds for Part II systems, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-600.400(2)(b)]*

6. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-701.300(1)(a)]*

7. Where required by Chapter 471 or Chapter 492, F.S., applicable portions of reports that must be submitted under this permit shall be signed and sealed by a professional engineer or a professional geologist, as appropriate. *[62-620.310(4)]*

8. The permittee shall provide verbal notice to the Department's South District Office as soon as practical after discovery of a sinkhole or other karst feature within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department's South District Office in a written report within 7 days of the sinkhole discovery. *[62-620.320(6)]*

9. The permittee shall provide notice to the Department of the following:

   a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C., if it were directly discharging those pollutants; and

   b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

   Notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility. If pretreatment becomes necessary, this permit may be modified to require the permittee to develop and implement a local pretreatment program in accordance with the requirements of Chapter 62-625, F.A.C.

   [62-620.625(2)]

10. The ground water monitoring requirements for this facility are covered under the permit number FLA014443 Part III Ground Water Monitoring Requirements the Bonita Springs Utilities West WRF and subsequent renewals of that facilities operation permit.

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications, or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*

3. As provided in subsection 403.087(7), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4)]*

5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless

specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*

6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6)]*

7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*

8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*

9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:

   a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;

   b. Have access to and copy any records that shall be kept under the conditions of this permit;

   c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and

   d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

   [62-620.610(9)]

10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, F.S., or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*

11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*

12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*

13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*

14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*

15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility or activity and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*

16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, F.A.C., and the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2), F.A.C., for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16)]*

17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:

    a. A description of the anticipated noncompliance;

    b. The period of the anticipated noncompliance, including dates and times; and

    c. Steps being taken to prevent future occurrence of the noncompliance.

    [62-620.610(17)]

18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246 and Chapters 62-160, 62-600, and 62-610, F.A.C., and 40 CFR 136, as appropriate.

    a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.

    b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.

    c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.

    d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.

    e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.

    f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220, and 62-160.330, F.A.C.

    [62-620.610(18)]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. *[62-620.610(19)]*

20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; clean up actions taken and status; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. For noncompliance events related to sanitary sewer overflows, bypass events, or unauthorized discharges, these reports must include the data described above (with the exception of time of discovery) as well as the type of event (e.g., sanitary sewer overflow, bypass, unauthorized discharge); type of sanitary sewer overflow structure (e.g., manhole); the discharge location address and latitude/longitude; type of water discharged; discharge volumes and volumes recovered; volume discharged to surface waters and receiving waterbody name; types of human health and environmental impacts of the sanitary sewer overflow, bypass event, or unauthorized discharge (e.g., beach closure); whether the noncompliance was caused by a third party; and whether the noncompliance was related to wet weather. The written submission may be provided electronically using the Department's Business Portal at https://www.fldepportal.com/go/ (via "Submit" followed by "Report" or "Registration/Notification"). Notice required for public notice of pollution under paragraph (d) may be provided together with the written submission using the Business Portal. All noncompliance events related to sanitary sewer overflows or bypass events submitted after September 14, 2021, shall be submitted electronically.

    a. The following shall be included as information which must be reported within 24 hours under this condition:
        (1) Any unanticipated bypass which causes any reclaimed water or the effluent to exceed any permit limitation or results in an unpermitted discharge,
        (2) Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
        (3) Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice; and,
        (4) Any unauthorized discharge to surface or ground waters, except for discharges to ground water of reclaimed water meeting Part III or Part V treatment standards under Chapter 62-610, F.A.C.

    b. Oral reports as required by this subsection shall be provided as follows:
        (1) For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph (a)4., that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the Department by calling the STATE WATCH OFFICE TOLL FREE NUMBER (800)320-0519, as soon as practicable, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Watch Office:
            (a) Name, address, and telephone number of person reporting,
            (b) Name, address, and telephone number of permittee or responsible person for the discharge,
            (c) Date and time of the discharge and status of discharge (ongoing or ceased),
            (d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater),
            (e) Estimated amount of the discharge,
            (f) Location or address of the discharge,
            (g) Source and cause of the discharge,
            (h) Whether the discharge was contained on-site, and cleanup actions taken to date,
            (i) Description of area affected by the discharge, including name of water body affected, if any; and,
            (j) Other persons or agencies contacted.
        (2) Oral reports, not otherwise required to be provided pursuant to subparagraph (b)1., above, shall be provided to the Department within 24 hours from the time the permittee becomes aware of the circumstances.

    c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.

d. In accordance with Section 403.077, F.S., unauthorized releases or spills reportable to the State Watch Office pursuant to subparagraph (b)1. above shall also be reported to the Department within 24 hours from the time the permittee becomes aware of the discharge. The permittee shall provide to the Department information reported to the State Watch Office. Notice of unauthorized releases or spills may be provided to the Department through the Department's Public Notice of Pollution web page at https://floridadep.gov/pollutionnotice or by reporting electronically using the Department's Business Portal at https://www.fldepportal.com/go/ (via "Submit" followed by "Report" or "Registration/Notification").

(1) If, after providing notice pursuant to paragraph (d) above, the permittee determines that a reportable unauthorized release or spill did not occur or that an amendment to the notice is warranted, the permittee may submit a letter to the Department documenting such determination at pollution.notice@floridadep.gov.

(2) If, after providing notice pursuant to paragraph (d) above, the permittee discovers that a reportable unauthorized release or spill has migrated outside the property boundaries of the installation, the permittee must provide an additional notice to the Department that the release has migrated outside the property boundaries within 24 hours after its discovery of the migration outside of the property boundaries.

e. Unless discharged to surface waters, a spill, release, discharge, upset or bypass involving reclaimed water meeting Part III or Part V treatment standards under Chapter 62-610, F.A.C., shall not be considered to endanger health or the environment and shall be reported under subsection (21) of this permit.

[62-620.610(20)] [62-620.100(3)]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX.17., IX.18., or IX.19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX.20. of this permit. *[62-620.610(21)]*

22. Bypass Provisions.

a. "Bypass" means the intentional diversion of waste streams from any portion of a treatment works.

b. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:

(1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and

(2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and

(3) The permittee submitted notices as required under Permit Condition IX.22.c. of this permit.

c. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX.20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.

d. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX.22.b.(1) through (3) of this permit.

e. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX.22.b. through d. of this permit.

[62-620.610(22)]

23. Upset Provisions.

a. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based effluent limitations because of factors beyond the reasonable control of the permittee.
   (1) An upset does not include noncompliance caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, careless or improper operation.
   (2) An upset constitutes an affirmative defense to an action brought for noncompliance with technology based permit effluent limitations if the requirements of upset provisions of Rule 62-620.610, F.A.C., are met.

b. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
   (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
   (2) The permitted facility was at the time being properly operated;
   (3) The permittee submitted notice of the upset as required in Permit Condition IX.20. of this permit; and
   (4) The permittee complied with any remedial measures required under Permit Condition IX.5. of this permit.

c. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.

d. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in Lee County, Florida.
STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

for
Elizabeth Sweigert
Director of District Management

Attachments:
Discharge Monitoring Report
"Pathogen Monitoring" Form

STATEMENT OF BASIS
FOR
STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMIT NUMBER: FLA012343-010

FACILITY NAME: Bonita Springs Utilities East WRF

FACILITY LOCATION: 11550 Operations Way, WELLFIELD RD. EAST OF I-75 & N OF TERRY, Bonita Springs, FL 34135-6127
Lee County

NAME OF PERMITTEE: Bonita Springs Utilities Inc

PERMIT WRITER: Richard Boensch

1. SUMMARY OF APPLICATION

a. Chronology of Application

Application Number: FLA012343-010-DW1P

Application Submittal Date: May 28, 2024

b. Type of Facility

Domestic Wastewater Treatment Plant

Ownership Type: Private

SIC Code: 4952

c. Facility Capacity

Existing Permitted Capacity:	4.000 mgd Monthly Average Daily Flow
Proposed Increase in Permitted Capacity:	0.000 mgd Monthly Average Daily Flow
Proposed Total Permitted Capacity:	4.000 mgd Monthly Average Daily Flow

d. Description of Wastewater Treatment

The domestic wastewater treatment facility is a modified Ludzack-Ettinger/membrane bioreactor (MBR) process Water Reclamation Facility (WRF). The permitted capacity is 4.000 MGD Monthly Average Daily Flow (MADF). Major units of the WRF's headworks consist of influent screening, one velocity controlled grit facility, and an associated odor control system. The WRF has one 1.2 million gallon equalization basin and a fine screen facility. The biological treatment units consist of two 395,000-gallon anoxic basins, three 500,000-gallon aeration basins, four 27,000-gallon membrane basins and 20 membrane cassettes. The disinfection system consists of two 36,450-gallon chlorine contact basins, and sodium hypochlorite feed system. The WRF has one 4-million gallon lined reject storage pond and one 4-million gallon lined wet-weather storage pond. The major units of the biosolids treatment facility consist of two 199,000 gallon sludge storage tanks, one rotary drum thickener, two centrifuges, and one drying facility, and onsite storage silos.

e. Description of Effluent Disposal and Land Application Sites (as reported by applicant)

R-001: An existing 9.749 MGD monthly average daily flow permitted capacity slow-rate public access system. There is an interconnect between this facility and the Bonita Springs West WRF (permit number FLA014443). The treated reclaimed water is used by the Regional Reuse Service Area specified in the Bonita Springs West WRF permit. This Regional Reuse Service Area has a disposal capacity of 9.747 MGD, MADF. The combined total of both Bonita Springs Utilities' wastewater treatment plant shall not exceed 9.747 MGD, MADF. The Class I injection well permitted under number 190919-004-UO (at the West WRF) may receive flows from the East WRF for wet-weather disposal.

2. SUMMARY OF SURFACE WATER DISCHARGE

This facility does not discharge to surface waters.

3. BASIS FOR PERMIT LIMITATIONS AND MONITORING REQUIREMENTS

This facility is authorized to direct reclaimed water to Reuse System R-001, a slow-rate public access system, based on the following:

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Flow	MGD	Max	9.749	Monthly Average	62-600.700(2)(b) & 62-610.810(5) FAC
Flow (total received by the injection well system)	MGD	Max	2.430	Annual Average	
BOD, Carbonaceous 5 day, 20C	mg/L	Max	20.0	Annual Average	62-610.460 & 62-600.420(3)(a)1. FAC
		Max	30.0	Monthly Average	62-610.460 & 62-600.420(3)(a)2. FAC
		Max	45.0	Weekly Average	62-610.460 & 62-600.420(3)(a)3. FAC
		Max	60.0	Single Sample	62-610.460 & 62-600.420(3)(a)4. FAC
Solids, Total Suspended	mg/L	Max	5.0	Single Sample	62-610.460(1) & 62-600.440(6)(a)3. FAC
Coliform, Fecal	#/100mL	Max	25	Single Sample	62-610.460 & 62-600.440(6)(a)2. FAC
Coliform, Fecal, % less than detection	percent	Min	75	Minimum Total	62-610.460 & 62-600.440(6)(a)1. FAC
pH	s.u.	Min	6.0	Single Sample	62-600.445 FAC
		Max	8.5	Single Sample	62-600.445 FAC
Chlorine, Total Residual (For Disinfection)	mg/L	Min	1.0	Single Sample	62-600.440(6)(b), 62-610.460(2), & 62-610.463(2) FAC
Solids, Total Suspended	mg/L	Max	Report	Single Sample	62-610.463(2) FAC
Giardia	cysts/100L	Max	Report	Single Sample	62-610.463(4) FAC
Cryptosporidium	oocysts/100L	Max	Report	Single Sample	62-610.463(4) FAC
Turbidity ((backup to TSS Analyzer))	NTU	Max	Report	Single Sample	62-610.320(6)(g) FAC

The facility discharges to a reuse system and an injection well that are permitted under another facility's permit. Both facilities are owned by Bonita Springs Utilities, Inc. Flow from the East WRF to the injection well must meet public-access reuse standards because the pipe to the injection well is the same pipe for the reuse system.

Other Limitations and Monitoring Requirements:

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Flow (received by treatment plant)	MGD	Max	4.000	Monthly Average	62-600.700(2)(b) FAC
		Max	Report	3-Month Rolling Average	62-600.700(2)(b) FAC
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	3-Month Rolling Average	62-600.405(4) FAC
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	62-600.660(1) FAC
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	62-600.660(1) FAC
Monitoring Frequencies and Sample Types	-	-	-	All Parameters	62-600 FAC & 62-699 FAC and/or BPJ of permit writer
Sampling Locations	-	-	-	All Parameters	62-600, 62-610.412, 62-610.463(1), 62-610.568, 62-610.613 FAC and/or BPJ of permit writer

4. IMPAIRMENT STATUS OF RECEIVING WATERS

This facility does not discharge to surface waters.

5. DISCUSSION OF CHANGES TO PERMIT LIMITATIONS

The current wastewater permit for this facility FLA012343-010-DW1P expires on Nobember 25, 2029.

Total Suspended Solids and Fecal Coliform monitoring frequencies for R-001 has been increased from Weekly to Daily; 24 hours to conform to the high level disinfection requirements of 62-600.660(1), F.A.C..

6. BIOSOLIDS MANAGEMENT REQUIREMENTS

Biosolids generated by this facility may be distributed and marketed or disposed of in a Class I solid waste landfill.

See the table below for the rationale for the Class AA biosolids limits and monitoring requirements.

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Nitrogen, Sludge, Tot, Dry Wt (as N)	percent	Max	Report	Monthly Average	62-640.650(3)(a)3. FAC
Phosphorus, Sludge, Tot, Dry Wt (as P)	percent	Max	Report	Monthly Average	62-640.650(3)(a)3. FAC
Potassium, Sludge, Tot, Dry Wt (as K)	percent	Max	Report	Monthly Average	62-640.650(3)(a)3. FAC
Arsenic Total, Dry Weight, Sludge	mg/kg	Max	41.0	Monthly Average	62-640.700(5)(b) & 650(3)(a)3. FAC
		Max	75.0	Single Sample	62-640.700(5)(a) & 650(3)(a)3. FAC
Cadmium, Sludge, Tot, Dry Weight (as Cd)	mg/kg	Max	39.0	Monthly Average	62-640.700(5)(b) & 650(3)(a)3. FAC
		Max	85.0	Single Sample	62-640.700(5)(a) & 650(3)(a)3. FAC
	mg/kg	Max	1500.0	Monthly Average	62-640.700(5)(b) & 650(3)(a)3. FAC

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Copper, Sludge, Tot, Dry Wt. (as Cu)		Max	4300.0	Single Sample	62-640.700(5)(a) & 650(3)(a)3. FAC
Lead, Dry Weight, Sludge	mg/kg	Max	300.0	Monthly Average	62-640.700(5)(b) & 650(3)(a)3. FAC
		Max	840.0	Single Sample	62-640.700(5)(a) & 650(3)(a)3. FAC
Mercury, Dry Weight, Sludge	mg/kg	Max	17.0	Monthly Average	62-640.700(5)(b) & 650(3)(a)3. FAC
		Max	57.0	Single Sample	62-640.700(5)(a) & 650(3)(a)3. FAC
Molybdenum, Dry Weight, Sludge	mg/kg	Max	75.0	Single Sample	62-640.700(5)(a) & 650(3)(a)3. FAC
Nickel, Dry Weight, Sludge	mg/kg	Max	420.0	Single Sample	62-640.700(5)(a) & 650(3)(a)3. FAC
		Max	420.0	Monthly Average	62-640.700(5)(b) & 650(3)(a)3. FAC
Selenium Sludge Solid	mg/kg	Max	100.0	Single Sample	62-640.700(5)(a) & 650(3)(a)3. FAC
		Max	100.0	Monthly Average	62-640.700(5)(b) & 650(3)(a)3. FAC
Zinc, Dry Weight, Sludge	mg/kg	Max	2800.0	Monthly Average	62-640.700(5)(b) & 650(3)(a)3. FAC
		Max	7500.0	Single Sample	62-640.700(5)(a) & 650(3)(a)3. FAC
pH	s.u.	Max	Report	Single Sample	62-640.650(3)(a)3. FAC
Solids, Total, Sludge, Percent	percent	Max	Report	Single Sample	62-640.650(3)(a)3. FAC
		Max	Report	Monthly Average	62-640.650(3)(a)3. FAC
Coliform, Fecal	MPN/g	Max	1000.0	Single Sample	62-640.600(1)(a) FAC
Salmonella Sludge	MPN/4g	Max	3.0	Single Sample	62-640.600(1)(a) FAC
Monitoring Frequency		All Parameters			62-640.650(3)(a)4. & .850(4)(c) FAC
Pathogen and vector attraction reduction monitoring		All Parameters			62-640.600 & 650(3)(a)1. FAC

See the table below for the rationale for the biosolids quantities monitoring requirements.

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Biosolids Quantity (Received)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. FAC
Biosolids Quantity (Landfilled)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. FAC
Biosolids Quantity (Distributed & Marketed in FL)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. & 850(4)(a) FAC
Biosolids Quantity (Distributed & Marketed outside FL)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. & 850(4)(a) FAC
Monitoring Frequency		All Parameters			62-640.650(5)(a) FAC

7. GROUND WATER MONITORING REQUIREMENTS

The ground water monitoring requirements for this facility are covered under permit number FLA014443 Part III Ground Water Monitoring Requirements the Bonita Spring Utilities West WWTP and subsequent renewals of that facilities operation permit.

8. PERMIT SCHEDULES

This permit does not contain a schedule of improvements actions.

9. INDUSTRIAL PRETREATMENT REQUIREMENTS

At this time, the facility is not required to develop an approved industrial pretreatment program. However, the Department reserves the right to require an approved program if future conditions warrant.

10. ADMINISTRATIVE ORDERS (AO) AND CONSENT ORDERS (CO)

This permit is not accompanied by an AO, and the permittee has not entered into a CO with the Department that affects this permit.

11. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

No variances were requested for this facility.

12. THE ADMINISTRATIVE RECORD

The administrative record including application, draft permit, fact sheet, public notice (after release), comments received and additional information is available at https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/FLA012343/facility!search.

13. DEP CONTACT

Additional information concerning the permit and proposed schedule for permit issuance may be obtained during normal business hours from:

Richard Boensch
Engineering Specialist
South District Office

2295 Victoria Ave
Suite 364
Ft. Myers, FL 33901-3875

Telephone No.: 239-344-5607
Email: Richard.Boensch@FloridaDEP.gov

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: http://www.fldepportal.com/go/submit-report/

PERMITTEE NAME:	Bonita Springs Utilities Inc	PERMIT NUMBER:	FLA012343-010-DW1P		
MAILING ADDRESS:	11860 E Terry St Bonita Springs, Florida 34135- 6127	LIMIT: CLASS SIZE:	Final N/A	REPORT FREQUENCY: PROGRAM:	Monthly Domestic
FACILITY:	Bonita Springs Utilities East WRF	MONITORING GROUP NUMBER:	R-001		
LOCATION:	11550 Operations Way WELLFIELD RD. EAST OF I-75 & N OF TERRY Bonita Springs, FL 34135-6127	MONITORING GROUP DESCRIPTION: RE-SUBMITTED DMR: ☐ NO DISCHARGE FROM SITE: ☐	slow-rate public access, including Influent		
COUNTY:	Lee	MONITORING PERIOD From:	_____ To: _____		
OFFICE:	South District				

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 P Mon. Site No. CAL-04	Permit Requirement		9.749 (Mo.Avg.)	MGD						Continuous	Calculated
Flow (total received by the injection well system)	Sample Measurement										
PARM Code 50050 Y Mon. Site No. FLW-08	Permit Requirement		2.430 (An.Avg.)	MGD						Continuous	Meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon. Site No. EFA-01	Permit Requirement					20.0 (An.Avg.)		mg/L		Weekly	16-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 A Mon. Site No. EFA-01	Permit Requirement				60.0 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		Weekly	16-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 B Mon. Site No. EFB-01	Permit Requirement						5.0 (Max.)	mg/L		4 days/week	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 A Mon. Site No. EFA-01	Permit Requirement						25 (Max.)	#/100mL		4 days/week	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE: November 26, 2024
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Utilities East WRF MONITORING GROUP NUMBER: R-001 PERMIT NUMBER: FLA012343-010-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal, % less than detection	Sample Measurement										
PARM Code 51005 A Mon. Site No. EFA-01	Permit Requirement				75 (Min.Mo.Total)			percent		4 days/week	Calculated
pH	Sample Measurement										
PARM Code 00400 A Mon. Site No. EFA-01	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		Continuous	Meter
Chlorine, Total Residual (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon. Site No. EFA-01	Permit Requirement				1.0 (Min.)			mg/L		Continuous	Meter
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 A Mon. Site No. EFA-01	Permit Requirement						Report (Max.)	mg/L	0	Continuous	Meter
Turbidity ((backup to TSS Analyzer))	Sample Measurement										
PARM Code 00070 B Mon. Site No. EFB-01	Permit Requirement						Report (Max.)	NTU	0	Continuous	Meter
Flow (received by treatment plant)	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-01	Permit Requirement	Report (3Mo.Avg.)	4.000 (Mo.Avg.)	MGD						Continuous	Flow Totalizer
Percent Capacity. (TMADF/Permitted Capacity) x 100	Sample Measurement										
PARM Code 00180 P Mon. Site No. CAL-01	Permit Requirement						Report (3Mo.Avg.)	percent	0	Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement										
PARM Code 80082 G Mon. Site No. INF-01	Permit Requirement						Report (Max.)	mg/L	0	Weekly	16-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement										
PARM Code 00530 G Mon. Site No. INF-01	Permit Requirement						Report (Max.)	mg/L	0	Weekly	16-hr FPC

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: http://www.fldepportal.com/go/submit-report/

PERMITTEE NAME:	Bonita Springs Utilities Inc	PERMIT NUMBER:	FLA012343-010-DW1P		
MAILING ADDRESS:	11860 E Terry St Bonita Springs, Florida 34135- 6127	LIMIT: CLASS SIZE:	Final N/A	REPORT FREQUENCY: PROGRAM:	Monthly Domestic
FACILITY:	Bonita Springs Utilities East WRF	MONITORING GROUP NUMBER:	RMP-AA		
LOCATION:	11550 Operations Way WELLFIELD RD. EAST OF I-75 & N OF TERRY Bonita Springs, FL 34135-6127	MONITORING GROUP DESCRIPTION: RE-SUBMITTED DMR: ☐ NO DISCHARGE FROM SITE: ☐	Class AA Biosolids		
COUNTY:	Lee	MONITORING PERIOD From:	_____ To: _____		
OFFICE:	South District				

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Sludge, Tot, Dry Wt (as N)	Sample Measurement										
PARM Code 78470 + Mon. Site No. RMP-AA	Permit Requirement		Report (Mo.Avg.)	percent					0	Monthly	Composite
Phosphorus, Sludge, Tot, Dry Wt (as P)	Sample Measurement										
PARM Code 78478 + Mon. Site No. RMP-AA	Permit Requirement		Report (Mo.Avg.)	percent					0	Monthly	Composite
Potassium, Sludge, Tot, Dry Wt (as K)	Sample Measurement										
PARM Code 78472 + Mon. Site No. RMP-AA	Permit Requirement		Report (Mo.Avg.)	percent					0	Monthly	Composite
Arsenic Total, Dry Weight, Sludge	Sample Measurement										
PARM Code 49365 + Mon. Site No. RMP-AA	Permit Requirement					41.0 (Mo.Avg.)	75.0 (Max.)	mg/kg		Monthly	Composite
Cadmium, Sludge, Tot, Dry Weight (as Cd)	Sample Measurement										
PARM Code 78476 + Mon. Site No. RMP-AA	Permit Requirement					39.0 (Mo.Avg.)	85.0 (Max.)	mg/kg		Monthly	Composite
Copper, Sludge, Tot, Dry Wt. (as Cu)	Sample Measurement										
PARM Code 78475 + Mon. Site No. RMP-AA	Permit Requirement					1500.0 (Mo.Avg.)	4300.0 (Max.)	mg/kg		Monthly	Composite

*EITHER THE FECAL COLIFORM LIMIT OR SALMONELLA SP. LIMIT MUST BE MET.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE: November 26, 2024
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Utilities East WRF MONITORING GROUP NUMBER: RMP-AA PERMIT NUMBER: FLA012343-010-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Lead, Dry Weight, Sludge	Sample Measurement										
PARM Code 78468 + Mon. Site No. RMP-AA	Permit Requirement					300.0 (Mo.Avg.)	840.0 (Max.)	mg/kg		Monthly	Composite
Mercury, Dry Weight, Sludge	Sample Measurement										
PARM Code 78471 + Mon. Site No. RMP-AA	Permit Requirement					17.0 (Mo.Avg.)	57.0 (Max.)	mg/kg		Monthly	Composite
Molybdenum, Dry Weight, Sludge	Sample Measurement										
PARM Code 78465 + Mon. Site No. RMP-AA	Permit Requirement						75.0 (Max.)	mg/kg		Monthly	Composite
Nickel, Dry Weight, Sludge	Sample Measurement										
PARM Code 78469 + Mon. Site No. RMP-AA	Permit Requirement					420.0 (Mo.Avg.)	420.0 (Max.)	mg/kg		Monthly	Composite
Selenium Sludge Solid	Sample Measurement										
PARM Code 61518 + Mon. Site No. RMP-AA	Permit Requirement					100.0 (Mo.Avg.)	100.0 (Max.)	mg/kg		Monthly	Composite
Zinc, Dry Weight, Sludge	Sample Measurement										
PARM Code 78467 + Mon. Site No. RMP-AA	Permit Requirement					2800.0 (Mo.Avg.)	7500.0 (Max.)	mg/kg		Monthly	Composite
pH	Sample Measurement										
PARM Code 00400 + Mon. Site No. RMP-AA	Permit Requirement						Report (Max.)	s.u.	0	Monthly	Grab
Solids, Total, Sludge, Percent	Sample Measurement										
PARM Code 61553 + Mon. Site No. RMP-AA	Permit Requirement					Report (Mo.Avg.)	Report (Max.)	percent	0	Monthly	Composite
Coliform, Fecal	Sample Measurement										
PARM Code 74055 + Mon. Site No. RMP-AA	Permit Requirement		1000.0 (Max.)	MPN/g						Monthly	Grab
Salmonella Sludge	Sample Measurement										
PARM Code 71204 + Mon. Site No. RMP-AA	Permit Requirement		3.0 (Max.)	MPN/4g						Monthly	Grab

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: http://www.fldepportal.com/go/submit-report/

PERMITTEE NAME:	Bonita Springs Utilities Inc	PERMIT NUMBER:	FLA012343-010-DW1P		
MAILING ADDRESS:	11860 E Terry St Bonita Springs, Florida 34135- 6127	LIMIT: CLASS SIZE:	Final N/A	REPORT FREQUENCY: PROGRAM:	Monthly Domestic
FACILITY:	Bonita Springs Utilities East WRF	MONITORING GROUP NUMBER:	RMP-Q		
LOCATION:	11550 Operations Way WELLFIELD RD. EAST OF I-75 & N OF TERRY Bonita Springs, FL 34135-6127	MONITORING GROUP DESCRIPTION: RE-SUBMITTED DMR: ☐ NO DISCHARGE FROM SITE: ☐	Biosolids Quantity		
COUNTY:	Lee	MONITORING PERIOD From:	_____ To: _____		
OFFICE:	South District				

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Received)	Sample Measurement										
PARM Code B0002 + Mon. Site No. RMP-1	Permit Requirement		Report (Mo.Total)	dry tons					0	Monthly	Calculated
Biosolids Quantity (Landfilled)	Sample Measurement										
PARM Code B0008 + Mon. Site No. RMP-2	Permit Requirement		Report (Mo.Total)	dry tons					0	Monthly	Calculated
Biosolids Quantity (Distributed & Marketed in FL)	Sample Measurement										
PARM Code B0004 + Mon. Site No. RMP-3	Permit Requirement		Report (Mo.Total)	dry tons					0	Monthly	Calculated
Biosolids Quantity (Distributed & Marketed outside FL)	Sample Measurement										
PARM Code B0005 + Mon. Site No. RMP-4	Permit Requirement		Report (Mo.Total)	dry tons					0	Monthly	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE: November 26, 2024
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: http://www.fldepportal.com/go/submit-report/

PERMITTEE NAME: Bonita Springs Utilities Inc
MAILING ADDRESS: 11860 E Terry St
Bonita Springs, Florida 34135- 6127

FACILITY: Bonita Springs Utilities East WRF
LOCATION: 11550 Operations Way
WELLFIELD RD. EAST OF I-75 & N OF TERRY
Bonita Springs, FL 34135-6127

COUNTY: Lee
OFFICE: South District

PERMIT NUMBER: FLA012343-010-DW1P

LIMIT: Final
CLASS SIZE: N/A
MONITORING GROUP NUMBER: RWS-A
MONITORING GROUP DESCRIPTION: Annual Reclaimed Water or Effluent Analysis
RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING NOT REQUIRED:* ☐
MONITORING PERIOD From: _____ To: _____

REPORT FREQUENCY: Annually
PROGRAM: Domestic

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Antimony, Total Recoverable (GWS = 6)**	Sample Measurement										
PARM Code 01268 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Arsenic, Total Recoverable (GWS = 10)	Sample Measurement										
PARM Code 00978 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Barium, Total Recoverable (GWS = 2,000)	Sample Measurement										
PARM Code 01009 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Beryllium, Total Recoverable (GWS = 4)	Sample Measurement										
PARM Code 00998 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Cadmium, Total Recoverable (GWS = 5)	Sample Measurement										
PARM Code 01113 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Chromium, Total Recoverable (GWS =100)	Sample Measurement										
PARM Code 01118 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC

*THE "MONITORING NOT REQUIRED" CHECKBOX SHOULD BE SELECTED WHEN A CERTIFICATION STATEMENT IN ACCORDANCE WITH SUBSECTION 62-600.680(2), F.A.C., IS SUBMITTED WITH THIS DMR. SEE CERTIFICATION STATEMENT IN COMMENTS SECTION BELOW.
**GROUND WATER STANDARD (GWS) FOR REFERENCE AND REVIEW ONLY.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):
☐ NO NEW NON-DOMESTIC WASTEWATER DISCHARGERS HAVE BEEN ADDED TO THE COLLECTION SYSTEM SINCE THE LAST RECLAIMED WATER OR EFFLUENT ANALYSIS WAS CONDUCTED. SIGN AND DATE:

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Utilities East WRF MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA012343-010-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Cyanide, Free (amen. to chlorination)(GWS = 200)	Sample Measurement										
PARM Code 00722 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Fluoride, Total (as F) (GWS = 4.0/2.0)	Sample Measurement										
PARM Code 00951 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24 hr FPC
Lead, Total Recoverable (GWS = 15)	Sample Measurement										
PARM Code 01114 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Mercury, Total Recoverable (GWS = 2)	Sample Measurement										
PARM Code 71901 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Nickel, Total Recoverable (GWS = 100)	Sample Measurement										
PARM Code 01074 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Nitrogen, Nitrate, Total (as N) (GWS = 10)	Sample Measurement										
PARM Code 00620 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Nitrogen, Nitrite, Total (as N) (GWS = 1)	Sample Measurement										
PARM Code 00615 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Nitrite plus Nitrate, Total 1 det. (as N)(GWS = 10)	Sample Measurement										
PARM Code 00630 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Selenium, Total Recoverable (GWS =50)	Sample Measurement										
PARM Code 00981 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Sodium, Total Recoverable (GWS = 160)	Sample Measurement										
PARM Code 00923 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Utilities East WRF MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA012343-010-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Thallium, Total Recoverable (GWS = 2)	Sample Measurement										
PARM Code 00982 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
1,1-dichloroethylene (GWS = 7)	Sample Measurement										
PARM Code 34501 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,1,1-trichloroethane (GWS = 200)	Sample Measurement										
PARM Code 34506 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,1,2-trichloroethane (GWS = 5)	Sample Measurement										
PARM Code 34511 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,2-dichloroethane (GWS = 3)	Sample Measurement										
PARM Code 32103 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,2-dichloropropane (GWS = 5)	Sample Measurement										
PARM Code 34541 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,2,4-trichlorobenzene (GWS = 70)	Sample Measurement										
PARM Code 34551 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Benzene (GWS = 1)	Sample Measurement										
PARM Code 34030 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Carbon tetrachloride (GWS = 3)	Sample Measurement										
PARM Code 32102 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Cis-1,2-dichloroethene (GWS = 70)	Sample Measurement										
PARM Code 81686 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Utilities East WRF MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA012343-010-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dichloromethane (methylene chlonde)(GWS = 5)	Sample Measurement										
PARM Code 03821 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Ethylbenzene (GWS = 700)	Sample Measurement										
PARM Code 34371 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Monochlorobenzene (GWS = 100)	Sample Measurement										
PARM Code 34031 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,2-dichlorobenzene (GWS = 600)	Sample Measurement										
PARM Code 34536 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,4-dichlorobenzene (GWS = 75)	Sample Measurement										
PARM Code 34571 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Styrene, Total (GWS = 100)	Sample Measurement										
PARM Code 77128 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Tetrachloroethylene (GWS = 3)	Sample Measurement										
PARM Code 34475 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Toluene (GWS = 1,000)	Sample Measurement										
PARM Code 34010 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,2-trans-dichloroethylene (GWS = 100)	Sample Measurement										
PARM Code 34546 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Trichloroethylene (GWS = 3)	Sample Measurement										
PARM Code 39180 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Utilities East WRF MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA012343-010-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Vinyl chloride (GWS = 1)	Sample Measurement										
PARM Code 39175 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Xylenes (GWS = 10,000)	Sample Measurement										
PARM Code 81551 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
2,3,7,8-tetrachlorodibenzo-p-dioxin(GWS = 3x10^-5)	Sample Measurement										
PARM Code 34675 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
2,4-dichlorophenoxyacetic acid (GWS = 70)	Sample Measurement										
PARM Code 39730 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Silvex (GWS = 50)	Sample Measurement										
PARM Code 39760 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Alachlor (GWS = 2)	Sample Measurement										
PARM Code 39161 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Atrazine (GWS = 3)	Sample Measurement										
PARM Code 39033 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Benzo(a)pyrene (GWS = 0.2)	Sample Measurement										
PARM Code 34247 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Carbofuran (GWS = 40)	Sample Measurement										
PARM Code 81405 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Chlordane (tech mix. and metabolites)(GWS = 2)	Sample Measurement										
PARM Code 39350 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Utilities East WRF MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA012343-010-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dalapon (GWS = 200)	Sample Measurement										
PARM Code 38432 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Bis(2-ethylhexyl)adipate (GWS = 400)	Sample Measurement										
PARM Code 77903 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24 hr FPC
Bis (2-ethylhexyl) phthalate (GWS = 6)	Sample Measurement										
PARM Code 39100 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Dibromochloropropane (DBCP) (GWS = 0.2)	Sample Measurement										
PARM Code 82625 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Dinoseb (GWS = 7)	Sample Measurement										
PARM Code 30191 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Diquat (GWS = 20)	Sample Measurement										
PARM Code 04443 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Endothall (GWS = 100)	Sample Measurement										
PARM Code 38926 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Endrin (GWS = 2)	Sample Measurement										
PARM Code 39390 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Ethylene dibromide (1,2-dibromoethane)(GWS = 0.02)	Sample Measurement										
PARM Code 77651 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Glyphosate (GWS = 0.7)	Sample Measurement										
PARM Code 79743 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Utilities East WRF MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA012343-010-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Heptachlor (GWS = 0.4)	Sample Measurement										
PARM Code 39410 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Heptachlor epoxide (GWS = 0.2)	Sample Measurement										
PARM Code 39420 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Hexachlorobenzene (GWS = 1)	Sample Measurement										
PARM Code 39700 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Hexachlorocyclopentadiene (GWS = 50)	Sample Measurement										
PARM Code 34386 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Gamma BHC (Lindane) (GWS = 0.2)	Sample Measurement										
PARM Code 39782 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Methoxychlor (GWS = 40)	Sample Measurement										
PARM Code 39480 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Oxamyl (vydate) (GWS = 200)	Sample Measurement										
PARM Code 38865 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Pentachlorophenol (GWS = 1)	Sample Measurement										
PARM Code 39032 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Picloram (GWS = 500)	Sample Measurement										
PARM Code 39720 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Polychlorinated Biphenyls (PCBs)(GWS = 0.5)	Sample Measurement										
PARM Code 39516 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Utilities East WRF MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA012343-010-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Simazine (GWS = 4)	Sample Measurement										
PARM Code 39055 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Toxaphene (GWS = 3)	Sample Measurement										
PARM Code 39400 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24 hr FPC
Trihalomethane, Total by summation(GWS = 0.080)	Sample Measurement										
PARM Code 82080 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	Grab
Radium 226 + Radium 228, Total (GWS = 5)	Sample Measurement										
PARM Code 11503 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	pCi/L	0	Annually	24-hr FPC
Alpha, Gross Particle Actvity (GWS = 15)	Sample Measurement										
PARM Code 80045 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	pCi/L	0	Annually	24-hr FPC
Aluminum, Total Recoverable (GWS = 0.2)	Sample Measurement										
PARM Code 01104 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Chloride (as Cl) (GWS = 250)	Sample Measurement										
PARM Code 00940 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Iron, Total Recoverable (GWS = 0.3)	Sample Measurement										
PARM Code 00980 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Copper, Total Recoverable (GWS = 1,000)	Sample Measurement										
PARM Code 01119 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Manganese, Total Recoverable (GWS = 50)	Sample Measurement										
PARM Code 11123 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Utilities East WRF MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA012343-010-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Silver, Total Recoverable (GWS = 100)	Sample Measurement										
PARM Code 01079 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Sulfate, Total (GWS = 250)	Sample Measurement										
PARM Code 00945 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24 hr FPC
Zinc, Total Recoverable (GWS = 5,000)	Sample Measurement										
PARM Code 01094 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
pH (GWS = 6.5-8.5)	Sample Measurement										
PARM Code 00400 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	s.u.	0	Annually	Grab
Solids, Total Dissolved (TDS) (GWS = 500)	Sample Measurement										
PARM Code 70295 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Foaming Agents (GWS = 0.5)	Sample Measurement										
PARM Code 01288 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE: November 26, 2024

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA012343-010-DW1P Facility: Bonita Springs Utilities East WRF
Monitoring Period From: _____ To: _____

	BOD, Carbonaceous 5 day, 20C mg/L	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Chlorine, Total Residual (For Disinfection) mg/L	Coliform, Fecal #/100mL	Flow (received by treatment plant) MGD	Flow (total received by the injection well system) MGD	Solids, Total Suspended mg/L	Solids, Total Suspended mg/L	Solids, Total Suspended (Influent) mg/L	Turbidity ((backup to TSS Analyzer)) NTU	pH (Min) s.u.
Code	80082	80082	50060	74055	50050	50050	00530	00530	00530	00070	00400
Mon. Site	EFA-01	INF-01	EFA-01	EFA-01	FLW-01	FLW-08	EFA-01	EFB-01	INF-01	EFB-01	EFA-01
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA012343-010-DW1P Facility: Bonita Springs Utilities East WRF
Monitoring Period From: _____ To: _____

	pH (Max) s.u.										
Code	00400										
Mon. Site	EFA-01										
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. Facilities who submit their DMR(s) electronically through eDMR do not need to submit a hardcopy DMR. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used, unless indicated otherwise in the permit or on the DMR:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign ("<") followed by the laboratory's MDL value, e.g. < 0.001. A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

Resubmitted DMR: Check this box if this DMR is being re-submitted because there was information missing from or information that needed correction on a previously submitted DMR. The information that is being revised should be clearly noted on the re-submitted DMR (e.g. highlight, circle, etc.)
No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.
Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units. Data qualifier codes are not to be reported on Part A.
No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.
Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.
Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.
Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.
Time Sample Obtained: Enter the time the sample was taken.
Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Data qualifier codes are not to be reported on Part D.
Detection Limits: Record the detection limits of the analytical methods used.
Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.
Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)
Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).
Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.
Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.
No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.
$CBOD_5$: Enter the average $CBOD_5$ of the reclaimed water discharged during the period shown in duration of discharge.
TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.
Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.
Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.
No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.
Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

Florida Department of Environmental Protection
Twin Towers Office Bldg., 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

PATHOGEN MONITORING

Part I - Instructions

1. Completion of this report is required by Rules 62-610.463(4), 62-610.472(3)(d), 62-610.525(13), 62-610.568(11), 62-610.568(12), and 62-610.652(6)(c), F.A.C., for all domestic wastewater facilities that provide reclaimed water to certain types of reuse activities. The schedule for sampling and reporting shall be in accordance with the permit for the facility. If a schedule for sampling or re-sampling is not included in the permit, the following schedule shall apply:

   a. Routine Sampling:

      If sampling is required once every two years, this report shall be submitted on or before November 28 of each even numbered year (2006, 2008, 2010, etc.).

      If sampling is required once every five years, this report shall be submitted with the application for permit renewal.

      If sampling is required quarterly, this report shall be submitted on or before February 28, May 28, August 28, and November 28 of each year.

   b. Subsequent Re-Sampling:

      If subsequent re-sampling is required by Item 9 in Part I of this form, this form shall be submitted for the subsequent re-sampling(s) in accordance with the schedule established in Item 9 in Part I of this form.

2. Submit one copy of this form and a copy of the laboratory's final report for the analysis of *Giardia* and *Cryptosporidium* to each of the following two addresses:

   a. The appropriate DEP district office (attention Domestic Wastewater Program). Addresses for the DEP district offices are available at www.dep.state.fl.us/secretary/dist/default.htm.

   b. DEP Water Reuse Coordinator
      Mail Station 3540
      2600 Blair Stone Road
      Tallahassee, Florida 32399-2400

3. Please type or print legibly.

4. In Part II, Items 7 through 12 need to be completed only if this is the first submittal of this report, if the information in Items 7 through 12 has changed since the last submittal, or if the information in any of these questions has not been previously provided.

5. Part III is to be used when sampling for *Giardia* and *Cryptosporidium* at the treatment plant. Part III is also to be used when sampling for *Giardia* and *Cryptosporidium* in a supplemental water supply (see Rule 62-610.472, F.A.C.).

6. For each sample, record the sample volume obtained in liters.

7. For *Giardia*, record the concentrations in cysts per 100 liters. For *Cryptosporidium*, record the concentrations in oocysts per 100 liters. Sufficient sample volumes shall be collected and processed such that the detection limit is no greater than 5 cysts or oocysts per 100 liters. Detection levels on the order of 1 cyst or oocyst per 100 liters are recommended. If an observation is less than the detection limit, make an entry in the form "<2" (where 2 per 100 liters is the detection limit in this example). The actual detection limit will be dictated by the volumes of sample obtained, filtered, and processed. Do NOT record nondetectable values as zero.

8. EPA Method 1623 or other approved methods for reclaimed water or nonpotable waters, adjusted appropriately to accommodate the detection limit requirements, shall be used. Methods previously allowed for EPA's Information Collection Rule (ICR) shall not be used. The full requirements of the approved method, including quality assurance and quality control, are to be met. Quality assurance and sampling requirements in Chapter 62-160, F.A.C., shall apply.

   Two concentrations of *Giardia* and *Cryptosporidium* shall be recorded on Part III of this form:

   a. Total cysts and oocysts shall be enumerated using EPA Method 1623 or other approved methods.

   b. Potentially viable cysts and oocysts shall be enumerated using the DAPI staining technique contained in EPA Method 1623 or similar enumeration techniques included in other approved methods. Cysts and oocysts that are stained DAPI positive or show internal structure by D.I.C. shall be considered as being potentially viable. If the laboratory reports separate values for DAPI positive and for cysts or oocysts having internal structure, the larger of the two concentrations will be reported as being potentially viable.

9. If the number of potentially viable cysts of *Giardia* reported exceeds 5 per 100 liters, a subsequent sample shall be taken and analyzed using EPA Method 1623 or other approved methods and reported using this form. If the number of potentially viable oocysts of *Cryptosporidium* reported exceeds 22 per 100 liters, a subsequent sample shall be taken and analyzed using EPA Method 1623 or other approved methods and reported using this form. This subsequent sample shall be collected within 90 days of the date the initial sample was taken, analyzed for both *Giardia* and *Cryptosporidium*, and the results of the subsequent analysis shall be submitted to DEP using this form within 60 days of sample collection.

10. Rule 62-160.300, F.A.C., requires that all laboratories generating environmental data for submission to the DEP shall hold certification from the Department of Health's (DOH) Environmental Laboratory Certification Program (ELCP). Certification by the ELCP for analysis of *Giardia* and *Cryptosporidium* using EPA Method 1623 for non-potable waters is required. If other approved methods are used, certification by the ELCP is required for the specific method and for the test matrix. Lists of certified laboratories can be found at www.dep.state.fl.us/labs/cgi-bin/aams/index.asp

11. Samples shall be collected during peak flow periods (normally between the hours of 8:00 a.m. and 6:00 p.m.).

12. Recognizing that concentrations of these pathogens generally increase during the late summer through fall period, it is recommended that utilities sample during the August through October time period.

13. If the wastewater treatment facility uses chlorination for disinfection, samples obtained for analysis of *Giardia* and *Cryptosporidium* shall be dechlorinated.

14. When sampling at the treatment facility, obtain a grab sample for total suspended solids (TSS) that is representative of the water leaving the filters at the treatment facility during the period when pathogen

samples are being obtained. In addition, record the highest turbidity and the lowest total chlorine residual observed during the period when pathogen samples are being obtained.

15. When sampling a supplemental water supply, obtain a grab sample for total suspended solids (TSS) that is representative of the surface water or treated stormwater as it is added to the reclaimed water system. This TSS sample shall be taken during the period when pathogen samples are being obtained. In addition, record the lowest total chlorine residual observed during the period when pathogen samples are being obtained.

Part II - General Information

1. DEP wastewater facility identification number: **FLA012343**

   Wastewater facility name: Bonita Springs Utilities East WRF

   Permittee name: Bonita Springs Utilities Inc

2. Person completing this form:

   Name: _____

   Telephone: (_____)_____

   Email address: _____

3. Sampling and analysis:

   Date samples were taken: _____

   Organization collecting the samples: _____

   Was the sample dechlorinated in the field? ☐ Yes ☐ No

   Was the sample refrigerated or kept on ice during shipment to the laboratory? ☐ Yes ☐ No

   Date samples delivered to laboratory: _____

   Date analytical work was done: _____

   Laboratory doing the analysis: _____

   Laboratory's DOH Identification Number: _____

   Approved method used:

   ☐ EPA Method 1623

   ☐ Other approved method: _____

   Contact person at the laboratory: _____

   Email address of the lab contact person: _____

4. Is this the first time that this form has been submitted for the facility?

   ☐ Yes [Please complete Questions 7 through 16.]

   ☐ No [Proceed to Question 5.]

5. Is this a report of "subsequent re-sampling" required by Item 9 in Part I of this form based on concentrations of potentially viable cysts or oocysts in a previous sampling?

☐ No [Proceed to Question 6.]

☐ Yes [Attach a description of any facility or operational changes made to the treatment facilities since the time of the previous sampling and proceed to Question 6.]

6. Has the information requested in Questions 7 through 12 (below) changed since the last submittal of this form?

☐ Yes [Please complete Questions 7 through 16.]

☐ No [Proceed to Questions 13 through 16 of Part II of this form. You do not need to complete Questions 7 through 12.]

7. Type of secondary treatment system:

☐ Conventional activated sludge ☐ Extended aeration

☐ Contact stabilization ☐ Biological nutrient removal (such as Bardenpho)

☐ Other: _____

8. Does this treatment facility nitrify (convert ammonia nitrogen to nitrate)? ☐ Yes ☐ No

9. Filter type:

☐ Deep bed, single media ☐ Deep bed, multiple media

☐ Shallow bed, automatic backwash ☐ Upflow (including Dynasand)

☐ Slow rate sand filter ☐ Diatomaceous earth filter

☐ Fabric filter ☐ Cartridge filter

☐ Membranes (microfiltration, ultrafiltration, membrane bioreactor, reverse osmosis)

☐ Other: _____

10. Filter Media (complete for each type of media provided):

Top layer of media: Media type: _____

Effective size: _____ mm

Uniformity coefficient: _____

Bed depth: _____ inches

Middle layer of media: Media type: _____

Effective size: _____ mm

Uniformity coefficient: _____

Bed depth: _____ inches

Bottom layer of media: Media type: _____

Effective size: _____ mm

Uniformity coefficient: _____

Bed depth: _____ inches

11. Filter backwash water:

☐ Backwash water is returned to the headworks of the treatment plant.

☐ Backwash water is returned to the aeration basin.

☐ Other. Please describe: _____

12. Disinfection system:

☐ Chlorination, gas ☐ Hypochlorite

☐ Chlorine dioxide ☐ Chlorination, other _____

☐ Ultraviolet ☐ Ozone

☐ Other: _____

13. Is chlorine added before the filters? ☐ No ☐ Yes Dose: _____ mg/L

14. During the period that samples were taken, did you add a coagulant, coagulant aid, polyelectrolyte, or other chemical to enhance filtration?

☐ No

☐ Yes. Please list the chemicals being added and their dose.

Chemical 1 - Name: _____ Dose: _____ mg/L

Chemical 2 - Name: _____ Dose: _____ mg/L

Chemical 3 - Name: _____ Dose: _____ mg/L

15. Wastewater treatment plant permitted capacity: _____ MGD

16. Wastewater flow being treated at the time samples were collected: _____ MGD

PART III - PATHOGEN MONITORING REPORT

FACILITY ID: FLA012343
FACILITY NAME: Bonita Springs Utilities East WRF
FACILITY ADDRESS: 11860 E Terry St, WELLFIELD RD. EAST OF I-75 & N OF TERRY, Bonita Springs, FL 34135-6127
PERMITTEE NAME: Bonita Springs Utilities Inc
MAILING ADDRESS: 11860 E Terry St, Bonita Springs, Florida 34135- 6127
DATE OF SAMPLING: _____

Parameter	Quantity or Loading		Quality or Concentration	
	Sample Measurement	Units	Sample Measurement	Units
Treatment Plant: After Filter Monitoring Site No.				
Turbidity PARM Code 00070				NTU
TSS PARM Code 00530				mg/L
Treatment Plant: After Disinfection Monitoring Site No.				
Total Chlorine Residual PARM Code 50060				mg/L
Volume Collected PARM Code 71994		Liters		
Giardia, total count * PARM Code GIARD				total cysts/100 L
Giardia, potentially viable cysts * PARM Code VGIAR				potentially viable cysts/100 L
Cryptosporidium, total count * PARM Code CRYPT				total oocysts/100 L
Cryptosporidium, potentially viable oocysts * PARM Code VCRYP				potentially viable oocysts/100 L
Supplemental Water Supply (surface water or stormwater): After Treatment & Disinfection Monitoring Site No.				
TSS PARM Code 00530				mg/L
Total Chlorine Residual PARM Code 50060				mg/L
Volume Collected PARM Code 71994		Liters		
Giardia (total count) * PARM Code GIARD				total cysts/100 L
Giardia, potentially viable cysts * PARM Code VGIAR				potentially viable cysts/100 L
Cryptosporidium, total count * PARM Code CRYPT				total oocysts/100 L
Cryptosporidium, potentially viable oocysts * PARM Code VCRYP				potentially viable oocysts/100 L

* Data entries must be made for both total and potentially viable cysts and oocysts.

PART IV - CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based upon my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Name/Title of Principle Executive Officer or Authorized Agent (Type or Print)	Signature of Principle Executive Officer or Authorized Agent	Telephone No.	Date (YY/MM/DD)
	Email Address		

FLORIDA DEPARTMENT OF Environmental Protection

South District
PO Box 2549
Fort Myers FL 33902-2549
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Alexis A. Lambert
Secretary

In the Matter of a
Permit Revision for:

Bonita Springs Utilities Inc
Kim Hoskins
11900 East Terry Street
Bonita Springs, Florida 34135-6127
khoskins@bsu.us

Lee County - Domestic Wastewater
Bonita Springs Utilities East WRF
Permit Number: FLA012343-011-DW1P
Revision Date: February 25, 2025

NOTICE OF PERMIT REVISION

This letter is a minor revision to Permit Number FLA012343-010-DW1P, issued on November 26, 2024, to revise typographical errors, correct the mailing address, specify East Water Reclamation Facility (EWRF) instead of Water Reclamation Facility (WRF) in the treatment description, and correct the monitoring location for Total Suspended Solids in the Discharge Monitoring Report. The revisions are included in the revised permit attached.

A copy of the revised permit is attached to this letter.

This permit revision is issued under Section 403.087 of the Florida Statutes and Rule 62-620.325, F.A.C.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

Petition for Administrative Hearing
A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;
(b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative, if any, which shall be

the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;

(c) A statement of when and how the petitioner received notice of the agency decision;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;

(f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and

(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@FloridaDEP.gov. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the notice or within 14 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise provided to all persons substantially affected by the decision. While you are not required to publish notice of this action, you may elect to do so pursuant Rule 62-110.106(10)(a), F.A.C.

The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C. If you do not publish notice of this action, this waiver may not apply to persons who have not received a clear point-of-entry.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@FloridaDEP.gov, before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation
Mediation is not available in this proceeding.

Judicial Review
Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.

EXECUTION AND CLERKING
Executed in Lee County, Florida.
STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

_____
Elizabeth Sweigert
Director of District Management

Attachments:
1. Revised Permit

CERTIFICATE OF SERVICE
The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed person:

Diana F. Francois, P.E., Diana.Francois@jacobs.com

FILING AND ACKNOWLEDGMENT
FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.

_____ February 25, 2025_
Clerk **Date**

FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis
Governor

Shawn Hamilton
Secretary

South District Office
2295 Victoria Ave, Suite 364
Ft. Myers, Florida 33901-3875

STATE OF FLORIDA
DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:
Bonita Springs Utilities Inc

RESPONSIBLE OFFICIAL:
Kim Hoskins
11900 E Terry St
Bonita Springs, Florida 34135- 6127
(239) 390-4834
KHoskins@bsu.us

PERMIT NUMBER: FLA012343
FILE NUMBER: FLA012343-011-DW1P
REVISION DATE: **February 25, 2025**
EFFECTIVE DATE: **November 26, 2024**
EXPIRATION DATE: **November 25, 2029**

FACILITY:
Bonita Springs Utilities East WRF
11550 Operations Way
WELLFIELD RD. EAST OF I-75 & N OF TERRY
Bonita Springs, FL 34135-6127
Lee County
Latitude: 26°22' 22.61" N Longitude: 81°45' 57.27" W

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and applicable rules of the Florida Administrative Code (F.A.C.). This permit does not constitute authorization to discharge wastewater other than as expressly stated in this permit. The above-named permittee is hereby authorized to operate the facilities in accordance with the documents attached hereto and specifically described as follows:

WASTEWATER TREATMENT:

The domestic wastewater treatment facility is a modified Ludzack-Ettinger/membrane bioreactor (MBR) process Water Reclamation Facility (WRF). The permitted capacity is 4.000 MGD Monthly Average Daily Flow (MADF). Major units of the East Water Reclamation Facility's (EWRF) headworks consist of influent screening, one velocity controlled grit facility, and an associated odor control system. The EWRF has one 1.2-million-gallon (MG) equalization basin and a fine screen facility. The biological treatment units consist of two 395,000-gallon anoxic basins, three 500,000-gallon aeration basins, four 27,000-gallon membrane basins and 20 membrane cassettes. The disinfection system consists of two 36,450-gallon chlorine contact basins, and sodium hypochlorite feed system. The EWRF has one 4 MG lined reject storage pond and one 4 MG lined wet-weather storage pond. The major units of the biosolids treatment facility consist of two 199,000 gallon sludge storage tanks, one rotary drum thickener, two centrifuges, and one drying facility, and onsite storage silos.

REUSE OR DISPOSAL:

Land Application R-001: An existing 9.749 MGD monthly average daily flow permitted capacity slow-rate public access system. There is an interconnect between the facility and the Bonita Springs West WRF (permit number FLA014443). The treated reclaimed water is used by the Regional Reuse Service Area specified in the Bonita Springs West WRF permit. This Regional Reuse Service Area has a disposal capacity of 9.749 MGD, MADF. The combined total of both Bonita Springs Utilities' wastewater treatment plants shall not exceed 9.749 MGD, MADF. The Class I underground injection well permitted under permit number 190919-004-UO/1M (located at the West WRF) may receive flow from the East WRF for wet-weather disposal.

IN ACCORDANCE WITH: The limitations, monitoring requirements, and other conditions set forth in this cover sheet and Part I through Part IX on pages 1 through 18 of this permit.

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.B.8.:

			Reclaimed Water Limitations		Monitoring Requirements			
Parameter	Units	Max. /Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Flow (total received by the reuse system)	MGD	Max	9.749	Monthly Average	Continuous	Calculated	CAL-04	
Flow (total received by the injection well system)	MGD	Max	2.430	Annual Average	Continuous	Meter	FLW-08	
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Weekly	16-hr FPC	EFA-01	
Solids, Total Suspended	mg/L	Max	5.0	Single Sample	4 days/week	Grab	EFB-01	
Coliform, Fecal	#/100mL	Max	25	Single Sample	4 days/week	Grab	EFA-01	
Coliform, Fecal, % less than detection	percent	Min	75	Monthly Total	4 days/week	Calculated	EFA-01	See I.A.4
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	Continuous	Meter	EFA-01	See I.A.3
Chlorine, Total Residual (For Disinfection)	mg/L	Min	1.0	Single Sample	Continuous	Meter	EFA-01	See I.A.5 and I.A.8
Solids, Total Suspended	mg/L	Max	Report	Single Sample	Continuous	Meter	EFB-01	
Giardia	cysts/100 L	Max	Report	Single Sample	Biannually; Every 2 years	Grab	EFA-01	See I.A.9
Cryptosporidium	oocysts/100L	Max	Report	Single Sample	Biannually; Every 2 years	Grab	EFA-01	See I.A.9
Turbidity (when turbidity meter is used as backup to the online TSS analyzer)	NTU	Max	Report	Single Sample	Continuous	Meter	EFB-01	See I.A.6 and I.A.8

2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I.A.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
CAL-04	Sum of the effluent flows from the East WRF and West WRF to the reuse system.
FLW-08	Flow meter on the wellhead for Bonita Springs Utilities deep injection well.
EFA-01	Final sample for reclaimed water is taken from the chlorine contact basins' effluent channel.
EFB-01	Prior to filter weir overflow to the inlet of chlorine contact chamber.

3. Hourly measurement of pH during the period of required operator attendance may be substituted for continuous measurement. *[62-600.660(1)]*

4. To report the "% less than detection," count the number of fecal coliform observations that were less than detection, divide by the total number of fecal coliform observations in the month, and multiply by 100% (round to the nearest integer). *[62-600.440(6)(a)]*

5. The minimum total chlorine residual shall be limited as described in the approved operating protocol, such that the permit limitation for fecal coliform bacteria will be achieved. In no case shall the total chlorine residual be less than 1.0 mg/L. *[62-600.440(6)(b)][62-610.460(2)][62-610.463(2)]*

6. The maximum turbidity shall be limited as described in the approved operating protocol, such that the permit limitations for total suspended solids and fecal coliforms will be achieved. Filtration shall be provided for total suspended solids control. *[62-610.463(2)]*

7. The treatment facilities shall be operated in accordance with all approved operating protocols. Only reclaimed water that meets the criteria established in the approved operating protocols may be released to system storage or to the reuse system. Reclaimed water that fails to meet the criteria in the approved operating protocols shall be directed to reject storage for subsequent additional treatment or disinfection. *[62-610.320(6) and 62-610.463(2)]*

8. Instruments for continuous on-line monitoring of total residual chlorine and turbidity shall be equipped with an automated data logging or recording device. *[62-610.463(2)]*

9. Intervals between sampling for Giardia and Cryptosporidium shall not exceed two years. [62-610.463(4)]

B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.B.8.:

			Limitations		Monitoring Requirements			
Parameter	Units	Max. /Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Flow (received by treatment plant)	MGD	Max Max	4.000 Report	Monthly Average 3-Month Rolling Average	Continuous	Recording Flow Meter with Totalizer	FLW-01	See I.B.4
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	3-Month Rolling Average	Monthly	Calculated	CAL-01	
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	Weekly	16-hr FPC	INF-01	See I.B.3
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	Weekly	16-hr FPC	INF-01	See I.B.3

2. Samples shall be taken at the monitoring site locations listed in Permit Condition I.B.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-01	Influent flow meter with totalizer and recorder located at the influent line going to the headworks.
CAL-01	Calculated from the FLW-01 measurements.
INF-01	Influent sample taken from the influent box prior to mixing with other internal plant flows.

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. *[62-600.660(4)(a)]*

4. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. *[62-600.200(25)]*

5. Sampling results for giardia and cryptosporidium shall be reported on DEP Form 62-610.300(3)(a)4, Pathogen Monitoring, which is attached to this permit. This form shall be submitted to the Department's Wastewater Management Program (M.S. 3545 Blair Stone Road, Tallahassee, Florida 32399-2400 or at epost.bwfrdom@dep.state.fl.us) and to the Department's South District Office. *[62-610.300(4)(a)]*

6. The sample collection, analytical test methods, and method detection limits (MDLs) applicable to this permit shall be conducted using a sufficiently sensitive method to ensure compliance with applicable water quality standards and effluent limitations and shall be in accordance with Rule 62-4.246, Chapters 62-160 and 62-600, F.A.C., and 40 CFR 136, as appropriate. The list of Department established analytical methods, and corresponding MDLs (method detection limits) and PQLs (practical quantitation limits), which is titled "FAC 62-4 MDL/PQL Table (November 10, 2020)" is available at https://floridadep.gov/dear/quality-assurance/content/quality-assurance-resources. The MDLs and PQLs as described in this list shall constitute the minimum acceptable MDL/PQL values and the Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those described above unless alternate MDLs and/or PQLs have been specifically approved by the Department for this permit. Any method included in the list may be used for reporting as long as it meets the following requirements:

   a. The laboratory's reported MDL and PQL values for the particular method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;

   b. The laboratory reported MDL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide an MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and

   c. If the MDLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated MDL shall be used.

   When the analytical results are below method detection or practical quantitation limits, the permittee shall report the actual laboratory MDL and/or PQL values for the analyses that were performed following the instructions on the applicable discharge monitoring report.

   Where necessary, the permittee may request approval of alternate methods or for alternative MDLs or PQLs for any approved analytical method. Approval of alternate laboratory MDLs or PQLs are not necessary if the laboratory reported MDLs and PQLs are less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Approval of an analytical method not included in the above-referenced list is not necessary if the analytical method is approved in accordance with 40 CFR 136 or deemed acceptable by the Department. *[62-4.246, 62-160]*

7. The permittee shall provide safe access points for obtaining representative samples which are required by this permit. *[62-600.650(2)]*

8. Monitoring requirements under this permit are effective on the first day of the second month following the effective date of the permit. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e. monthly, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Unless specified otherwise in this permit, monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below. DMRs shall be submitted for each required monitoring period including periods of no discharge.

REPORT Type on DMR	Monitoring Period	Submit by
Monthly	first day of month - last day of month	28th day of following month
Once Every Two Months	January 1 - February 28/29 March 1 - April 30 May 1 - June 30	March 28 May 28 July 28

REPORT Type on DMR	Monitoring Period	Submit by
	July 1 - August 31 September 1 - October 31 November 1 - December 31	September 28 November 28 January 28
Quarterly	January 1 - March 31 April 1 - June 30 July 1 - September 30 October 1 - December 31	April 28 July 28 October 28 January 28
Semiannual	January 1 - June 30 July 1 - December 31	July 28 January 28
Annual	January 1 - December 31	January 28

The permittee may submit either paper or electronic DMR forms. If submitting electronic DMR forms, the permittee shall use the electronic DMR system approved by the Department (EzDMR) and shall electronically submit the completed DMR forms using the DEP Business Portal at https://www.fldepportal.com/go/. Reports shall be submitted to the Department by the twenty-eighth (28th) of the month following the month of operation. Data submitted in electronic format is equivalent to data submitted on signed and certified paper DMR forms.

If submitting paper DMR forms, the permittee shall make copies of the attached DMR forms, without altering the original format or content unless approved by the Department, and shall mail the completed DMR forms to the Department's South District Office at the address specified in Permit Condition I.B.15. by the twenty-eighth (28th) of the month following the month of operation.

[62-620.610(18)][62-600.680(1)]

9. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., and the Revised Total Coliform Rule contained in Rule 62-550.830, F.A.C., (except for asbestos, color, odor, and residual disinfectants). These monitoring results shall be reported to the Department annually on the DMR. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted with the signed DMR in lieu of performing the analysis. When such a certification is submitted with the DMR, monitoring not required this period should be noted on the DMR. The annual reclaimed water or effluent analysis report, and certification if applicable, shall be completed and submitted in a timely manner so as to be received by the Department at the address identified on the DMR by January 28 of each year. Approved analytical methods identified in Rule 62-620.100(3)(j), F.A.C., shall be used for the analysis. If no method is included for a parameter, methods specified in Chapter 62-550, F.A.C., shall be used. *[62-600.660(2) and (3)(d)][62-600.680(2)][62-610.300(3)]*

10. The permittee shall submit an Annual Reuse Report using DEP Form 62-610.300(4)(a)2 on or before January 1 of each year. [62-610.870(3)]

11. Operating protocol shall be reviewed and updated periodically to ensure continuous compliance with the minimum treatment and disinfection requirements. Updated operating protocols shall be submitted to the Department's South District Office for review and approval upon revision of the operating protocol and with each permit application. *[62-610.320(6)][62-610.463(2)]*

12. The permittee shall maintain an inventory of storage systems. The most recent inventory shall be submitted each year with the Annual Reuse Report. At least 30 days before reclaimed water will be introduced into any new storage system, the updated inventory shall be submitted to the Department's South District Office. The inventory shall include the following:

    a. name or identifier for the storage system;

    b. location of the storage system (latitude/longitude);

    c. function of the storage system (system storage or reject storage);

    d. type of facility (covered tank, lined pond, unlined pond);

e. Indication of whether or not the storage facility is a water of the state or discharges to a water of the state; and

f. distances to the nearest public water supply wells and to the nearest potable water supply wells which are not public water supply wells.

[62-610.464(5) and 62-610.870(3)(d)]

13. The permittee shall submit an annual report summarizing the implementation of the facility's collection system action plan required by paragraph 62-600.704(2)(b), F.A.C. The report shall be electronically submitted to the Department's South District Office no later than June 30 of each calendar year. *[62-600.705(2)]*

14. The permittee shall submit the following with any application for permit renewal or substantial permit revision:

a. a copy of the facility's up-to-date power outage contingency plan required by subsection 62-600.705(1), F.A.C., for mitigating impacts to the facility's collection systems and pump stations; and,

b. an electronic summary of the facility's up-to-date collection system action plan required by paragraph 62-600.705(2)(a), F.A.C.

[62-600.705(1) and (2)]

15. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's South District Office at the email address specified below:

Florida Department of Environmental Protection
South District
SouthDistrict@FloridaDEP.gov

Please contact the Department at (239) 344-5600 if you are unable to submit electronically. *[62-620.305]*

16. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. *[62-620.305]*

II. BIOSOLIDS MANAGEMENT REQUIREMENTS

A. Basic Requirements

1. Biosolids generated by this facility may be distributed and marketed or disposed of in a Class I solid waste landfill. *[62-620.320(6), 62-640.880(1)]*

2. The permittee shall monitor and keep records of the quantities of biosolids generated, received from source facilities, treated, distributed and marketed, or landfilled. These records shall be kept for a minimum of five years. *[62-640.650(4)(a)]*

3. Biosolids quantities shall be monitored by the permittee as specified below. Results shall be reported on the permittee's Discharge Monitoring Report for Monitoring Group RMP-Q in accordance with Condition I.B.I.B.8.

			Biosolids Limitation		Monitoring Requirements			
Parameter	Units	Max. /Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Biosolids Quantity (Received)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-1	
Biosolids Quantity (Landfilled)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-2	

			Biosolids Limitation		Monitoring Requirements			
Parameter	Units	Max. /Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Biosolids Quantity (Distributed & Marketed in FL)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-3	
Biosolids Quantity (Distributed & Marketed outside FL)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-4	

[62-640.650(5)(a)1]

4. Biosolids quantities shall be calculated as listed in Permit Condition II.A.3. and as described below:

Monitoring Site Number	Description of Monitoring Site Calculations
RMP-1	Monthly Total of Biosolids Received.
RMP-2	Monthly Total of Biosolids Landfilled.
RMP-3	Inside Florida: Monthly Total of Biosolids Distributed and Marketed in Florida.
RMP-4	Outside Florida: Monthly Total of Biosolids Distributed and Marketed outside of Florida.

5. The treatment, management, transportation, use, land application, or disposal of biosolids shall not cause a violation of the odor prohibition in subsection 62-296.320(2), F.A.C. *[62-640.400(6)]*

6. Storage of biosolids or other solids at this facility shall be in accordance with the Facility Biosolids Storage Plan. *[62-640.300(4)]*

7. Biosolids shall not be spilled from or tracked off the treatment facility site by the hauling vehicle. *[62-640.400(9)]*

8. Waste activated sludge from the Bonita Springs West WRF is pumped to this facility (the Bonita Springs East WRF) through a dedicated pipeline for sludge conveyance. This is accomplished through a sludge transfer pump station located at the West WRF. A flow meter at the East WRF records the daily WAS flow from the West WRF for recordkeeping.

B. Treatment and Monitoring Requirements

1. The permittee is authorized to produce Class AA biosolids.

2. The permittee shall achieve Class A pathogen reduction by meeting the pathogen reduction requirements in section 503.32(a)(3) (Thermally Treated Biosolids) and of Title 40 CFR Part 503. *[62-640.600(1)(a)]*

3. The permittee shall achieve vector attraction reduction for Class A or B biosolids by meeting the vector attraction reduction requirements in section 503.33(b)(8) (Reduce moisture content of biosolids to at least 90 % solids) of Title 40 CFR Part 503. *[62-640.600(2)(a)]*

4. Fecal coliform, or Salmonella sp. shall be routinely monitored to demonstrate compliance with pathogen reduction requirements specified in Rule 62-640.600, F.A.C. *[62-640.650(3)(a)2]*

5. Fecal coliform, or Salmonella sp. shall be routinely monitored to demonstrate compliance with vector attraction reduction requirements specified in Rule 62-640.600, F.A.C. *[62-640.650(3)(a)2]*

6. Treatment of liquid biosolids or septage for the purpose of meeting the pathogen reduction or vector attraction reduction requirements set forth in Rule 62-640.600, F.A.C., shall not be conducted in the tank of a hauling vehicle. Treatment of biosolids or septage for the purpose of meeting pathogen reduction or vector attraction reduction requirements shall take place at the permitted facility. *[62-640.400(7)]*

7. Class AA biosolids shall comply with the limits and be monitored by the permittee as specified below. Results shall be reported on the permittee's Discharge Monitoring Report in accordance with Permit Condition I.B.I.B.8. Biosolids shall not be distributed and marketed or land applied if a single sample result or the monthly average of sample results for any parameter exceeds the following Class AA parameter concentrations:

			Biosolids Limitation		Monitoring Requirements			
Parameter	Units	Max. /Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Nitrogen, Sludge, Tot, Dry Wt (as N)	percent	Max	Report	Monthly Average	Monthly	Composite	RMP-AA	
Phosphorus, Sludge, Tot, Dry Wt (as P)	percent	Max	Report	Monthly Average	Monthly	Composite	RMP-AA	
Potassium, Sludge, Tot, Dry Wt (as K)	percent	Max	Report	Monthly Average	Monthly	Composite	RMP-AA	
Arsenic Total, Dry Weight, Sludge	mg/kg	Max Max	41.0 75.0	Monthly Average Single Sample	Monthly	Composite	RMP-AA	
Cadmium, Sludge, Tot, Dry Weight (as Cd)	mg/kg	Max Max	39.0 85.0	Monthly Average Single Sample	Monthly	Composite	RMP-AA	
Copper, Sludge, Tot, Dry Wt. (as Cu)	mg/kg	Max Max	1500.0 4300.0	Monthly Average Single Sample	Monthly	Composite	RMP-AA	
Lead, Dry Weight, Sludge	mg/kg	Max Max	300.0 840.0	Monthly Average Single Sample	Monthly	Composite	RMP-AA	
Mercury, Dry Weight, Sludge	mg/kg	Max Max	17.0 57.0	Monthly Average Single Sample	Monthly	Composite	RMP-AA	
Molybdenum, Dry Weight, Sludge	mg/kg	Max	75.0	Single Sample	Monthly	Composite	RMP-AA	
Nickel, Dry Weight, Sludge	mg/kg	Max Max	420.0 420.0	Monthly Average Single Sample	Monthly	Composite	RMP-AA	
Selenium Sludge Solid	mg/kg	Max Max	100.0 100.0	Monthly Average Single Sample	Monthly	Composite	RMP-AA	
Zinc, Dry Weight, Sludge	mg/kg	Max Max	2800.0 7500.0	Monthly Average Single Sample	Monthly	Composite	RMP-AA	
pH	s.u.	Max	Report	Single Sample	Monthly	Grab	RMP-AA	
Solids, Total, Sludge, Percent	percent	Max Max	Report Report	Monthly Average Single Sample	Monthly	Composite	RMP-AA	
Coliform, Fecal	MPN/g	Max	1000.0	Single Sample	Monthly	Grab	RMP-AA	
Salmonella Sludge	MPN/4g	Max	3.0	Single Sample	Monthly	Grab	RMP-AA	

*Either the fecal coliform limit or Salmonella sp. limit must be met.
**Note, monthly averages of parameter concentrations shall be determined by taking the arithmetic mean of all sample results for the month.

[62-640.650(3)(a)(3), 62-640.700(5)(a), 62-640.700(5)(b) and 62-640.850(4)]

8. Sampling and analysis shall be conducted in accordance with 40 CFR Part 503.8 and the U.S. Environmental Protection Agency publication - POTW Sludge Sampling and Analysis Guidance Document, August 1989. In cases where conflicts exist between 40 CFR 503.8 and the POTW Sludge Sampling and Analysis Guidance Document, the requirements in 40 CFR Part 503.8 will apply. *[62-640.650(3)(a)1]*

9. All samples shall be representative and shall be taken after final treatment of the biosolids but before land application or distribution and marketing. *[62-640.650(3)(a)5]*

10. Biosolids samples shall be taken at the monitoring site locations listed in Permit Condition II.B.7. and as described below:

Monitoring Site Number	Description of Monitoring Site
RMP-AA	Class AA Biosolids

C. Distribution and Marketing

1. Biosolids or biosolids products may be distributed and marketed only if the biosolids or biosolids products meet Class AA standards and are either sold or given-away under a Florida fertilizer license or distributed and marketed to a person or entity that will sell or give-away the biosolids or biosolids products under Florida fertilizer license. Biosolids composts that are enrolled and certified under the U.S. Composting Council's Seal of Testing Assurance (USCC STA) program do not have to be sold or given-away under a Florida fertilizer license except if distributed and marketed within the Lake Okeechobee, St. Lucie River, and Caloosahatchee River watersheds. *[62-640.850]*

2. Within 24 hours of discovering that distributed and marketed biosolids did not meet the Class AA standards, the permittee shall notify the Department and all persons to whom they delivered or distributed and marketed the Class AA biosolids. *[62-640.650(6)(g)]*

3. The permittee shall make the following information available to users by product labels or other means:

   a. The fertilizer label required by Florida fertilizer law or the equivalent information required by the USCC STA program;

   b. The name and address of the facility or person that produced the Class AA biosolids;

   c. A statement that the biosolids or biosolids product meets the criteria of subsection 62-640.700(5), F.A.C.;

   d. Recommendation that biosolids be applied at a rate that does not exceed crop or plant nutrient needs and;

   e. Recommendations on proper storage of the biosolids or biosolids product prior to use. For distributed quantities of biosolids or biosolids products greater than one dry ton, the recommendations shall include that biosolids may not be stored on property for more than seven days unless stored to prevent runoff of biosolids or stormwater that has been in contact with biosolids, violation of the odor prohibition in subsection 62-296.320(2), F.A.C., and vector attraction.

   [62-640.850(5)]

D. Disposal

1. Disposal of biosolids, septage, and "other solids" in a solid waste disposal facility, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. *[62-640.100(6)(b) & (c)]*

E. Transfer

1. The permittee shall keep hauling records to track the transport of biosolids between the facilities. The hauling records shall contain the following information:

Source Facility	Biosolids Treatment Facility or Treatment Facility
1. Date and time shipped	1. Date and time received
2. Amount of biosolids shipped	2. Amount of biosolids received
3. Degree of treatment (if applicable)	3. Name and ID number of source facility
4. Name and ID Number of treatment facility	4. Signature of hauler
5. Signature of responsible party at source facility	5. Signature of responsible party at treatment facility
6. Signature of hauler and name of hauling firm	

A copy of the source facility hauling records for each shipment shall be provided upon delivery of the biosolids to the biosolids treatment facility or treatment facility. The treatment facility permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of biosolids leaving the source facility and arriving at the biosolids treatment facility or treatment facility.

[62-640.880(4)]

F. Receipt

1. The permittee shall be responsible for proper treatment, management, and disposition of biosolids accepted from source facilities. *[62-640.880(1)(a)]*

2. The permittee shall enter into a written agreement with each source facility that it intends to receive biosolids from. The agreement shall address the quality and quantity of the biosolids accepted by the permittee. The agreement shall include a statement, signed by the permittee, as to the availability of sufficient permitted capacity to receive the biosolids from the source facility, and indicating that the permittee will continue to operate in compliance with the requirements of its permit. The agreement shall also address responsibility during transport of biosolids between the facilities. The permittee shall submit a copy of this agreement to the Department's South District Office at least 30 days before transporting biosolids from the source facility to the permittee. *[62-640.880(1)(c)]*

III. GROUND WATER REQUIREMENTS

1. The ground water monitoring requirements for this facility are covered under permit number FLA014443 Part III, Ground Water Monitoring Requirements, for the Bonita Spring Utilities West WRF and subsequent renewals of that facility’s operation permit.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

A. Part III Public Access System

1. The Bonita Springs East WRF provides reclaimed water to the Bonita Springs Regional Reuse Service Area System. The additional reuse and land application requirements for the reuse system are contained in Section IV of the Bonita Springs West WRF, permit number FLA014443.

V. OPERATION AND MAINTENANCE REQUIREMENTS

A. Staffing Requirements

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of one or more operators certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category II, Class B facility and, at a minimum, operators with appropriate certification must be on the site as follows:

   A Class C or higher operator 16 hours/day for 7 days/week. The lead/chief operator must be a Class B operator, or higher.

   [62-620.630(3)][62-699.310] [62-610.462]

2. The lead/chief operator shall be employed at the plant full time. "Full time" shall mean at least 4 days per week, working a minimum of 35 hours per week, including leave time. A licensed operator shall be on-site and in charge of each required shift for periods of required staffing time when the lead/chief operator is not on-site. An operator meeting the lead/chief operator class for the treatment plant shall be available during all periods of plant operation. "Available" means being able to be contacted as needed to initiate the appropriate action in a timely manner. *[62-699.311(10), (6) and (1)]*

3. An operator meeting the lead/chief operator class for the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. *[62-699.311(1)]*

B. Capacity Analysis Report and Operation and Maintenance Performance Report Requirements

1. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. *[62-600.405(5)]*

2. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. *[62-600.735(1)]*

C. Recordkeeping Requirements

1. The permittee shall maintain the following records and make them available for inspection at the following address: on the site of the permitted facility.

   a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;

   b. Copies of all reports required by this permit for at least three years from the date the report was prepared;

   c. Records of all data, including reports and documents, used to complete the application for this permit for at least three years from the date the application was filed;

   d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;

   e. A copy of the current wastewater facility permit;

   f. Copies of the current operation and maintenance manuals for the wastewater facility and the collection/transmission systems owned or operated by the wastewater facility permittee as required by Chapters 62-600 and 62-604, F.A.C.;

   g. A copy of any required record drawings for the wastewater facility and the collection/transmission systems owned or operated by the wastewater facility permittee;

   h. Copies of the licenses of the current certified operators;

   i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and license number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities, including any preventive maintenance or repairs made or requested; results of tests performed and samples taken, unless documented on a laboratory sheet; and notation of any notification or reporting completed in accordance with Rule 62-602.650(3), F.A.C. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed; and

   j. Records of biosolids quantities, treatment, monitoring, and hauling for at least five years.

   [62-620.350, 62-604.500, 62-602.650, 62-640.650(4)]

VI. SCHEDULES

1. The permittee is not authorized to discharge to waters of the state after the expiration date of this permit, unless:

   a. The permittee has applied for renewal of this permit at least 180 days before the expiration date of this permit using the appropriate forms listed in Rule 62-620.910, F.A.C., and in the manner established in the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C.; or

b. The permittee has made complete the application for renewal of this permit before the permit expiration date.

[62-620.335(1)-(4)]

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

This facility is not required to have a pretreatment program at this time. *[62-625.500]*

VIII. OTHER SPECIFIC CONDITIONS

1. In the event that the wastewater facilities or equipment, including collection/transmission systems, no longer function as intended, are no longer safe in terms of public health and safety (including inactive or abandoned facilities), or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by paragraphs 62-600.400(2)(a) and 62-604.400(2)(c), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in subsection 62-296.320(2), F.A.C. *[62-600.410(5), 62-604.500(3) and 62-640.400(6)]*

2. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. *[62-604.130(4)]*

3. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX.20. *[62-604.550] [62-620.610(20)]*

4. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):

   a. Which may cause fire or explosion hazards; or

   b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or

   c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or

   d. Which result in the wastewater temperature at the introduction of the treatment plant exceeding $40^{o}C$ or otherwise inhibiting treatment; or

   e. Which result in the presence of toxic gases, vapors, or fumes that may cause worker health and safety problems.

   [62-604.130(5)]

5. The treatment facility, storage ponds for Part II systems, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-600.400(2)(b)]*

6. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-701.300(1)(a)]*

7. Where required by Chapter 471 or Chapter 492, F.S., applicable portions of reports that must be submitted under this permit shall be signed and sealed by a professional engineer or a professional geologist, as appropriate. *[62-620.310(4)]*

8. The permittee shall provide verbal notice to the Department's South District Office as soon as practical after discovery of a sinkhole or other karst feature within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department's South District Office in a written report within 7 days of the sinkhole discovery. *[62-620.320(6)]*

9. The permittee shall provide notice to the Department of the following:

   a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C., if it were directly discharging those pollutants; and

   b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

   Notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility. If pretreatment becomes necessary, this permit may be modified to require the permittee to develop and implement a local pretreatment program in accordance with the requirements of Chapter 62-625, F.A.C.

   [62-620.625(2)]

10. The ground water monitoring requirements for this facility are covered under the permit number FLA014443 Part III Ground Water Monitoring Requirements the Bonita Springs Utilities West WRF and subsequent renewals of that facilities operation permit.

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications, or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*

3. As provided in subsection 403.087(7), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4)]*

5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless

specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*

6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6)]*

7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*

8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*

9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:

   a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;

   b. Have access to and copy any records that shall be kept under the conditions of this permit;

   c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and

   d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

   [62-620.610(9)]

10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, F.S., or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*

11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*

12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*

13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*

14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*

15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility or activity and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*

16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, F.A.C., and the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2), F.A.C., for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16)]*

17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:

    a. A description of the anticipated noncompliance;

    b. The period of the anticipated noncompliance, including dates and times; and

    c. Steps being taken to prevent future occurrence of the noncompliance.

    [62-620.610(17)]

18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246 and Chapters 62-160, 62-600, and 62-610, F.A.C., and 40 CFR 136, as appropriate.

    a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.

    b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.

    c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.

    d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.

    e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.

    f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220, and 62-160.330, F.A.C.

    [62-620.610(18)]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. *[62-620.610(19)]*

20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; clean up actions taken and status; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. For noncompliance events related to sanitary sewer overflows, bypass events, or unauthorized discharges, these reports must include the data described above (with the exception of time of discovery) as well as the type of event (e.g., sanitary sewer overflow, bypass, unauthorized discharge); type of sanitary sewer overflow structure (e.g., manhole); the discharge location address and latitude/longitude; type of water discharged; discharge volumes and volumes recovered; volume discharged to surface waters and receiving waterbody name; types of human health and environmental impacts of the sanitary sewer overflow, bypass event, or unauthorized discharge (e.g., beach closure); whether the noncompliance was caused by a third party; and whether the noncompliance was related to wet weather. The written submission may be provided electronically using the Department's Business Portal at https://www.fldepportal.com/go/ (via "Submit" followed by "Report" or "Registration/Notification"). Notice required for public notice of pollution under paragraph (d) may be provided together with the written submission using the Business Portal. All noncompliance events related to sanitary sewer overflows or bypass events submitted after September 14, 2021, shall be submitted electronically.

    a. The following shall be included as information which must be reported within 24 hours under this condition:
        (1) Any unanticipated bypass which causes any reclaimed water or the effluent to exceed any permit limitation or results in an unpermitted discharge,
        (2) Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
        (3) Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice; and,
        (4) Any unauthorized discharge to surface or ground waters, except for discharges to ground water of reclaimed water meeting Part III or Part V treatment standards under Chapter 62-610, F.A.C.

    b. Oral reports as required by this subsection shall be provided as follows:
        (1) For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph (a)4., that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the Department by calling the STATE WATCH OFFICE TOLL FREE NUMBER (800)320-0519, as soon as practicable, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Watch Office:
            (a) Name, address, and telephone number of person reporting,
            (b) Name, address, and telephone number of permittee or responsible person for the discharge,
            (c) Date and time of the discharge and status of discharge (ongoing or ceased),
            (d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater),
            (e) Estimated amount of the discharge,
            (f) Location or address of the discharge,
            (g) Source and cause of the discharge,
            (h) Whether the discharge was contained on-site, and cleanup actions taken to date,
            (i) Description of area affected by the discharge, including name of water body affected, if any; and,
            (j) Other persons or agencies contacted.
        (2) Oral reports, not otherwise required to be provided pursuant to subparagraph (b)1., above, shall be provided to the Department within 24 hours from the time the permittee becomes aware of the circumstances.

    c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.

d. In accordance with Section 403.077, F.S., unauthorized releases or spills reportable to the State Watch Office pursuant to subparagraph (b)1. above shall also be reported to the Department within 24 hours from the time the permittee becomes aware of the discharge. The permittee shall provide to the Department information reported to the State Watch Office. Notice of unauthorized releases or spills may be provided to the Department through the Department's Public Notice of Pollution web page at https://floridadep.gov/pollutionnotice or by reporting electronically using the Department's Business Portal at https://www.fldepportal.com/go/ (via "Submit" followed by "Report" or "Registration/Notification").

(1) If, after providing notice pursuant to paragraph (d) above, the permittee determines that a reportable unauthorized release or spill did not occur or that an amendment to the notice is warranted, the permittee may submit a letter to the Department documenting such determination at pollution.notice@floridadep.gov.

(2) If, after providing notice pursuant to paragraph (d) above, the permittee discovers that a reportable unauthorized release or spill has migrated outside the property boundaries of the installation, the permittee must provide an additional notice to the Department that the release has migrated outside the property boundaries within 24 hours after its discovery of the migration outside of the property boundaries.

e. Unless discharged to surface waters, a spill, release, discharge, upset or bypass involving reclaimed water meeting Part III or Part V treatment standards under Chapter 62-610, F.A.C., shall not be considered to endanger health or the environment and shall be reported under subsection (21) of this permit.

[62-620.610(20)] [62-620.100(3)]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX.17., IX.18., or IX.19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX.20. of this permit. *[62-620.610(21)]*

22. Bypass Provisions.

a. "Bypass" means the intentional diversion of waste streams from any portion of a treatment works.

b. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:

(1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and

(2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and

(3) The permittee submitted notices as required under Permit Condition IX.22.c. of this permit.

c. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX.20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.

d. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX.22.b.(1) through (3) of this permit.

e. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX.22.b. through d. of this permit.

[62-620.610(22)]

23. Upset Provisions.

a. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based effluent limitations because of factors beyond the reasonable control of the permittee.
   (1) An upset does not include noncompliance caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, careless or improper operation.
   (2) An upset constitutes an affirmative defense to an action brought for noncompliance with technology based permit effluent limitations if the requirements of upset provisions of Rule 62-620.610, F.A.C., are met.

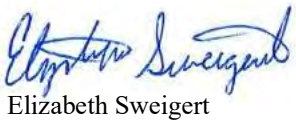
b. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
   (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
   (2) The permitted facility was at the time being properly operated;
   (3) The permittee submitted notice of the upset as required in Permit Condition IX.20. of this permit; and
   (4) The permittee complied with any remedial measures required under Permit Condition IX.5. of this permit.

c. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.

d. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in Lee County, Florida.
STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Elizabeth Sweigert
Director of District Management

Attachments:
Discharge Monitoring Report
"Pathogen Monitoring" Form

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: http://www.fldepportal.com/go/submit-report/

PERMITTEE NAME:	Bonita Springs Utilities Inc	PERMIT NUMBER:	FLA012343-010-DW1P		
MAILING ADDRESS:	11900 E Terry St Bonita Springs, Florida 34135- 6127	LIMIT: CLASS SIZE:	Final N/A	REPORT FREQUENCY: PROGRAM:	Monthly Domestic
FACILITY:	Bonita Springs Utilities East WRF	MONITORING GROUP NUMBER:	R-001		
LOCATION:	11550 Operations Way WELLFIELD RD. EAST OF I-75 & N OF TERRY Bonita Springs, FL 34135-6127	MONITORING GROUP DESCRIPTION: RE-SUBMITTED DMR: ☐ NO DISCHARGE FROM SITE: ☐	slow-rate public access, including Influent		
COUNTY:	Lee	MONITORING PERIOD From:	_____ To: _____		
OFFICE:	South District				

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 P Mon. Site No. CAL-04	Permit Requirement		9.749 (Mo.Avg.)	MGD						Continuous	Calculated
Flow (total received by the injection well system)	Sample Measurement										
PARM Code 50050 Y Mon. Site No. FLW-08	Permit Requirement		2.430 (An.Avg.)	MGD						Continuous	Meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon. Site No. EFA-01	Permit Requirement					20.0 (An.Avg.)		mg/L		Weekly	16-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 A Mon. Site No. EFA-01	Permit Requirement				60.0 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		Weekly	16-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 B Mon. Site No. EFA-01	Permit Requirement						5.0 (Max.)	mg/L		4 days/week	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 A Mon. Site No. EFA-01	Permit Requirement						25 (Max.)	#/100mL		4 days/week	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Utilities East WRF MONITORING GROUP NUMBER: R-001 PERMIT NUMBER: FLA012343-010-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal, % less than detection	Sample Measurement										
PARM Code 51005 A Mon. Site No. EFA-01	Permit Requirement				75 (Min.Mo.Total)			percent		4 days/week	Calculated
pH	Sample Measurement										
PARM Code 00400 A Mon. Site No. EFA-01	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		Continuous	Meter
Chlorine, Total Residual (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon. Site No. EFA-01	Permit Requirement				1.0 (Min.)			mg/L		Continuous	Meter
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 A Mon. Site No. EFA-01	Permit Requirement						Report (Max.)	mg/L	0	Continuous	Meter
Turbidity ((backup to TSS Analyzer))	Sample Measurement										
PARM Code 00070 B Mon. Site No. EFB-01	Permit Requirement						Report (Max.)	NTU	0	Continuous	Meter
Flow (received by treatment plant)	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-01	Permit Requirement	Report (3Mo.Avg.)	4.000 (Mo.Avg.)	MGD						Continuous	Flow Totalizer
Percent Capacity. (TMADF/Permitted Capacity) x 100	Sample Measurement										
PARM Code 00180 P Mon. Site No. CAL-01	Permit Requirement						Report (3Mo.Avg.)	percent	0	Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement										
PARM Code 80082 G Mon. Site No. INF-01	Permit Requirement						Report (Max.)	mg/L	0	Weekly	16-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement										
PARM Code 00530 G Mon. Site No. INF-01	Permit Requirement						Report (Max.)	mg/L	0	Weekly	16-hr FPC

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: http://www.fldepportal.com/go/submit-report/

PERMITTEE NAME:	Bonita Springs Utilities Inc	PERMIT NUMBER:	FLA012343-010-DW1P		
MAILING ADDRESS:	11900 E Terry St Bonita Springs, Florida 34135- 6127	LIMIT:	Final	REPORT FREQUENCY:	Monthly
		CLASS SIZE:	N/A	PROGRAM:	Domestic
FACILITY:	Bonita Springs Utilities East WRF	MONITORING GROUP NUMBER:	RMP-AA		
LOCATION:	11550 Operations Way WELLFIELD RD. EAST OF I-75 & N OF TERRY Bonita Springs, FL 34135-6127	MONITORING GROUP DESCRIPTION:	Class AA Biosolids		
		RE-SUBMITTED DMR:	☐		
		NO DISCHARGE FROM SITE:	☐		
COUNTY:	Lee	MONITORING PERIOD From:	_____ To: _____		
OFFICE:	South District				

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Sludge, Tot, Dry Wt (as N)	Sample Measurement										
PARM Code 78470 + Mon. Site No. RMP-AA	Permit Requirement		Report (Mo.Avg.)	percent					0	Monthly	Composite
Phosphorus, Sludge, Tot, Dry Wt (as P)	Sample Measurement										
PARM Code 78478 + Mon. Site No. RMP-AA	Permit Requirement		Report (Mo.Avg.)	percent					0	Monthly	Composite
Potassium, Sludge, Tot, Dry Wt (as K)	Sample Measurement										
PARM Code 78472 + Mon. Site No. RMP-AA	Permit Requirement		Report (Mo.Avg.)	percent					0	Monthly	Composite
Arsenic Total, Dry Weight, Sludge	Sample Measurement										
PARM Code 49365 + Mon. Site No. RMP-AA	Permit Requirement					41.0 (Mo.Avg.)	75.0 (Max.)	mg/kg		Monthly	Composite
Cadmium, Sludge, Tot, Dry Weight (as Cd)	Sample Measurement										
PARM Code 78476 + Mon. Site No. RMP-AA	Permit Requirement					39.0 (Mo.Avg.)	85.0 (Max.)	mg/kg		Monthly	Composite
Copper, Sludge, Tot, Dry Wt. (as Cu)	Sample Measurement										
PARM Code 78475 + Mon. Site No. RMP-AA	Permit Requirement					1500.0 (Mo.Avg.)	4300.0 (Max.)	mg/kg		Monthly	Composite

*EITHER THE FECAL COLIFORM LIMIT OR SALMONELLA SP. LIMIT MUST BE MET.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE: February 25, 2025
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Utilities East WRF MONITORING GROUP NUMBER: RMP-AA PERMIT NUMBER: FLA012343-010-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Lead, Dry Weight, Sludge	Sample Measurement										
PARM Code 78468 + Mon. Site No. RMP-AA	Permit Requirement					300.0 (Mo.Avg.)	840.0 (Max.)	mg/kg		Monthly	Composite
Mercury, Dry Weight, Sludge	Sample Measurement										
PARM Code 78471 + Mon. Site No. RMP-AA	Permit Requirement					17.0 (Mo.Avg.)	57.0 (Max.)	mg/kg		Monthly	Composite
Molybdenum, Dry Weight, Sludge	Sample Measurement										
PARM Code 78465 + Mon. Site No. RMP-AA	Permit Requirement						75.0 (Max.)	mg/kg		Monthly	Composite
Nickel, Dry Weight, Sludge	Sample Measurement										
PARM Code 78469 + Mon. Site No. RMP-AA	Permit Requirement					420.0 (Mo.Avg.)	420.0 (Max.)	mg/kg		Monthly	Composite
Selenium Sludge Solid	Sample Measurement										
PARM Code 61518 + Mon. Site No. RMP-AA	Permit Requirement					100.0 (Mo.Avg.)	100.0 (Max.)	mg/kg		Monthly	Composite
Zinc, Dry Weight, Sludge	Sample Measurement										
PARM Code 78467 + Mon. Site No. RMP-AA	Permit Requirement					2800.0 (Mo.Avg.)	7500.0 (Max.)	mg/kg		Monthly	Composite
pH	Sample Measurement										
PARM Code 00400 + Mon. Site No. RMP-AA	Permit Requirement						Report (Max.)	s.u.	0	Monthly	Grab
Solids, Total, Sludge, Percent	Sample Measurement										
PARM Code 61553 + Mon. Site No. RMP-AA	Permit Requirement					Report (Mo.Avg.)	Report (Max.)	percent	0	Monthly	Composite
Coliform, Fecal	Sample Measurement										
PARM Code 74055 + Mon. Site No. RMP-AA	Permit Requirement		1000.0 (Max.)	MPN/g						Monthly	Grab
Salmonella Sludge	Sample Measurement										
PARM Code 71204 + Mon. Site No. RMP-AA	Permit Requirement		3.0 (Max.)	MPN/4g						Monthly	Grab

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: http://www.fldepportal.com/go/submit-report/

PERMITTEE NAME:	Bonita Springs Utilities Inc	PERMIT NUMBER:	FLA012343-010-DW1P		
MAILING ADDRESS:	11900 E Terry St Bonita Springs, Florida 34135- 6127	LIMIT:	Final	REPORT FREQUENCY:	Monthly
		CLASS SIZE:	N/A	PROGRAM:	Domestic
FACILITY:	Bonita Springs Utilities East WRF	MONITORING GROUP NUMBER:	RMP-Q		
LOCATION:	11550 Operations Way WELLFIELD RD. EAST OF I-75 & N OF TERRY Bonita Springs, FL 34135-6127	MONITORING GROUP DESCRIPTION:	Biosolids Quantity		
		RE-SUBMITTED DMR: ☐			
		NO DISCHARGE FROM SITE: ☐			
COUNTY:	Lee	MONITORING PERIOD From:	_____ To: _____		
OFFICE:	South District				

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Received)	Sample Measurement										
PARM Code B0002 + Mon. Site No. RMP-1	Permit Requirement		Report (Mo.Total)	dry tons					0	Monthly	Calculated
Biosolids Quantity (Landfilled)	Sample Measurement										
PARM Code B0008 + Mon. Site No. RMP-2	Permit Requirement		Report (Mo.Total)	dry tons					0	Monthly	Calculated
Biosolids Quantity (Distributed & Marketed in FL)	Sample Measurement										
PARM Code B0004 + Mon. Site No. RMP-3	Permit Requirement		Report (Mo.Total)	dry tons					0	Monthly	Calculated
Biosolids Quantity (Distributed & Marketed outside FL)	Sample Measurement										
PARM Code B0005 + Mon. Site No. RMP-4	Permit Requirement		Report (Mo.Total)	dry tons					0	Monthly	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: http://www.fldepportal.com/go/submit-report/

PERMITTEE NAME: Bonita Springs Utilities Inc
MAILING ADDRESS: 11900 E Terry St
Bonita Springs, Florida 34135- 6127

FACILITY: Bonita Springs Utilities East WRF
LOCATION: 11550 Operations Way
WELLFIELD RD. EAST OF I-75 & N OF TERRY
Bonita Springs, FL 34135-6127

COUNTY: Lee
OFFICE: South District

PERMIT NUMBER: FLA012343-010-DW1P
LIMIT: Final
CLASS SIZE: N/A
MONITORING GROUP NUMBER: RWS-A
MONITORING GROUP DESCRIPTION: Annual Reclaimed Water or Effluent Analysis
RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING NOT REQUIRED:* ☐
MONITORING PERIOD From: _____ To: _____

REPORT FREQUENCY: Annually
PROGRAM: Domestic

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Antimony, Total Recoverable (GWS = 6)**	Sample Measurement										
PARM Code 01268 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Arsenic, Total Recoverable (GWS = 10)	Sample Measurement										
PARM Code 00978 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Barium, Total Recoverable (GWS = 2,000)	Sample Measurement										
PARM Code 01009 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Beryllium, Total Recoverable (GWS = 4)	Sample Measurement										
PARM Code 00998 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Cadmium, Total Recoverable (GWS = 5)	Sample Measurement										
PARM Code 01113 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Chromium, Total Recoverable (GWS =100)	Sample Measurement										
PARM Code 01118 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC

*THE "MONITORING NOT REQUIRED" CHECKBOX SHOULD BE SELECTED WHEN A CERTIFICATION STATEMENT IN ACCORDANCE WITH SUBSECTION 62-600.680(2), F.A.C., IS SUBMITTED WITH THIS DMR. SEE CERTIFICATION STATEMENT IN COMMENTS SECTION BELOW.
**GROUND WATER STANDARD (GWS) FOR REFERENCE AND REVIEW ONLY.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):
☐ NO NEW NON-DOMESTIC WASTEWATER DISCHARGERS HAVE BEEN ADDED TO THE COLLECTION SYSTEM SINCE THE LAST RECLAIMED WATER OR EFFLUENT ANALYSIS WAS CONDUCTED. SIGN AND DATE:

ISSUANCE/REISSUANCE DATE: February 25, 2025
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Utilities East WRF MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA012343-010-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Cyanide, Free (amen. to chlorination)(GWS = 200)	Sample Measurement										
PARM Code 00722 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Fluoride, Total (as F) (GWS = 4.0/2.0)	Sample Measurement										
PARM Code 00951 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24 hr FPC
Lead, Total Recoverable (GWS = 15)	Sample Measurement										
PARM Code 01114 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Mercury, Total Recoverable (GWS = 2)	Sample Measurement										
PARM Code 71901 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Nickel, Total Recoverable (GWS = 100)	Sample Measurement										
PARM Code 01074 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Nitrogen, Nitrate, Total (as N) (GWS = 10)	Sample Measurement										
PARM Code 00620 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Nitrogen, Nitrite, Total (as N) (GWS = 1)	Sample Measurement										
PARM Code 00615 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Nitrite plus Nitrate, Total 1 det. (as N)(GWS = 10)	Sample Measurement										
PARM Code 00630 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Selenium, Total Recoverable (GWS =50)	Sample Measurement										
PARM Code 00981 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Sodium, Total Recoverable (GWS = 160)	Sample Measurement										
PARM Code 00923 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Utilities East WRF MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA012343-010-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Thallium, Total Recoverable (GWS = 2)	Sample Measurement										
PARM Code 00982 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
1,1-dichloroethylene (GWS = 7)	Sample Measurement										
PARM Code 34501 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,1,1-trichloroethane (GWS = 200)	Sample Measurement										
PARM Code 34506 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,1,2-trichloroethane (GWS = 5)	Sample Measurement										
PARM Code 34511 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,2-dichloroethane (GWS = 3)	Sample Measurement										
PARM Code 32103 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,2-dichloropropane (GWS = 5)	Sample Measurement										
PARM Code 34541 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,2,4-trichlorobenzene (GWS = 70)	Sample Measurement										
PARM Code 34551 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Benzene (GWS = 1)	Sample Measurement										
PARM Code 34030 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Carbon tetrachloride (GWS = 3)	Sample Measurement										
PARM Code 32102 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Cis-1,2-dichloroethene (GWS = 70)	Sample Measurement										
PARM Code 81686 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Utilities East WRF MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA012343-010-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dichloromethane (methylene chlonde)(GWS = 5)	Sample Measurement										
PARM Code 03821 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Ethylbenzene (GWS = 700)	Sample Measurement										
PARM Code 34371 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Monochlorobenzene (GWS = 100)	Sample Measurement										
PARM Code 34031 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,2-dichlorobenzene (GWS = 600)	Sample Measurement										
PARM Code 34536 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,4-dichlorobenzene (GWS = 75)	Sample Measurement										
PARM Code 34571 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Styrene, Total (GWS = 100)	Sample Measurement										
PARM Code 77128 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Tetrachloroethylene (GWS = 3)	Sample Measurement										
PARM Code 34475 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Toluene (GWS = 1,000)	Sample Measurement										
PARM Code 34010 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,2-trans-dichloroethylene (GWS = 100)	Sample Measurement										
PARM Code 34546 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Trichloroethylene (GWS = 3)	Sample Measurement										
PARM Code 39180 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Utilities East WRF MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA012343-010-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Vinyl chloride (GWS = 1)	Sample Measurement										
PARM Code 39175 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Xylenes (GWS = 10,000)	Sample Measurement										
PARM Code 81551 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
2,3,7,8-tetrachlorodibenzo-p-dioxin(GWS = 3x10^-5)	Sample Measurement										
PARM Code 34675 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
2,4-dichlorophenoxyacetic acid (GWS = 70)	Sample Measurement										
PARM Code 39730 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Silvex (GWS = 50)	Sample Measurement										
PARM Code 39760 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Alachlor (GWS = 2)	Sample Measurement										
PARM Code 39161 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Atrazine (GWS = 3)	Sample Measurement										
PARM Code 39033 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Benzo(a)pyrene (GWS = 0.2)	Sample Measurement										
PARM Code 34247 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Carbofuran (GWS = 40)	Sample Measurement										
PARM Code 81405 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Chlordane (tech mix. and metabolites)(GWS = 2)	Sample Measurement										
PARM Code 39350 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Utilities East WRF MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA012343-010-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dalapon (GWS = 200)	Sample Measurement										
PARM Code 38432 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Bis(2-ethylhexyl)adipate (GWS = 400)	Sample Measurement										
PARM Code 77903 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24 hr FPC
Bis (2-ethylhexyl) phthalate (GWS = 6)	Sample Measurement										
PARM Code 39100 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Dibromochloropropane (DBCP) (GWS = 0.2)	Sample Measurement										
PARM Code 82625 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Dinoseb (GWS = 7)	Sample Measurement										
PARM Code 30191 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Diquat (GWS = 20)	Sample Measurement										
PARM Code 04443 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Endothall (GWS = 100)	Sample Measurement										
PARM Code 38926 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Endrin (GWS = 2)	Sample Measurement										
PARM Code 39390 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Ethylene dibromide (1,2-dibromoethane)(GWS = 0.02)	Sample Measurement										
PARM Code 77651 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Glyphosate (GWS = 0.7)	Sample Measurement										
PARM Code 79743 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Utilities East WRF MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA012343-010-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Heptachlor (GWS = 0.4)	Sample Measurement										
PARM Code 39410 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Heptachlor epoxide (GWS = 0.2)	Sample Measurement										
PARM Code 39420 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24 hr FPC
Hexachlorobenzene (GWS = 1)	Sample Measurement										
PARM Code 39700 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Hexachlorocyclopentadiene (GWS = 50)	Sample Measurement										
PARM Code 34386 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Gamma BHC (Lindane) (GWS = 0.2)	Sample Measurement										
PARM Code 39782 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Methoxychlor (GWS = 40)	Sample Measurement										
PARM Code 39480 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Oxamyl (vydate) (GWS = 200)	Sample Measurement										
PARM Code 38865 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Pentachlorophenol (GWS = 1)	Sample Measurement										
PARM Code 39032 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Picloram (GWS = 500)	Sample Measurement										
PARM Code 39720 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Polychlorinated Biphenyls (PCBs)(GWS = 0.5)	Sample Measurement										
PARM Code 39516 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Utilities East WRF MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA012343-010-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Simazine (GWS = 4)	Sample Measurement										
PARM Code 39055 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Toxaphene (GWS = 3)	Sample Measurement										
PARM Code 39400 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24 hr FPC
Trihalomethane, Total by summation(GWS = 0.080)	Sample Measurement										
PARM Code 82080 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	Grab
Radium 226 + Radium 228, Total (GWS = 5)	Sample Measurement										
PARM Code 11503 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	pCi/L	0	Annually	24-hr FPC
Alpha, Gross Particle Actrvity (GWS = 15)	Sample Measurement										
PARM Code 80045 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	pCi/L	0	Annually	24-hr FPC
Aluminum, Total Recoverable (GWS = 0.2)	Sample Measurement										
PARM Code 01104 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Chloride (as Cl) (GWS = 250)	Sample Measurement										
PARM Code 00940 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Iron, Total Recoverable (GWS = 0.3)	Sample Measurement										
PARM Code 00980 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Copper, Total Recoverable (GWS = 1,000)	Sample Measurement										
PARM Code 01119 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Manganese, Total Recoverable (GWS = 50)	Sample Measurement										
PARM Code 11123 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Utilities East WRF MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA012343-010-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Silver, Total Recoverable (GWS = 100)	Sample Measurement										
PARM Code 01079 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Sulfate, Total (GWS = 250)	Sample Measurement										
PARM Code 00945 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24 hr FPC
Zinc, Total Recoverable (GWS = 5,000)	Sample Measurement										
PARM Code 01094 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
pH (GWS = 6.5-8.5)	Sample Measurement										
PARM Code 00400 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	s.u.	0	Annually	Grab
Solids, Total Dissolved (TDS) (GWS = 500)	Sample Measurement										
PARM Code 70295 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Foaming Agents (GWS = 0.5)	Sample Measurement										
PARM Code 01288 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE: February 25, 2025
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA012343-010-DW1P Facility: Bonita Springs Utilities East WRF
Monitoring Period From: _____ To: _____

	BOD, Carbonaceous 5 day, 20C mg/L	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Chlorine, Total Residual (For Disinfection) mg/L	Coliform, Fecal #/100mL	Flow (received by treatment plant) MGD	Flow (total received by the injection well system) MGD	Solids, Total Suspended mg/L	Turbidity ((backup to TSS Analyzer)) NTU	Solids, Total Suspended (Influent) mg/L	pH (Min) s.u.	pH (Max) s.u.
Code	80082	80082	50060	74055	50050	50050	00530	00070	00530	00400	00400
Mon. Site	EFA-01	INF-01	EFA-01	EFA-01	FLW-01	FLW-08	EFA-01	EFB-01	INF-01	EFA-01	EFA-01
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. Facilities who submit their DMR(s) electronically through eDMR do not need to submit a hardcopy DMR. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used, unless indicated otherwise in the permit or on the DMR:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign ("<") followed by the laboratory's MDL value, e.g. < 0.001. A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

Resubmitted DMR: Check this box if this DMR is being re-submitted because there was information missing from or information that needed correction on a previously submitted DMR. The information that is being revised should be clearly noted on the re-submitted DMR (e.g. highlight, circle, etc.)
No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.
Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units. Data qualifier codes are not to be reported on Part A.
No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.
Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.
Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.
Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.
Time Sample Obtained: Enter the time the sample was taken.
Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Data qualifier codes are not to be reported on Part D.
Detection Limits: Record the detection limits of the analytical methods used.
Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.
Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)
Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).
Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.
Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.
No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.
$CBOD_5$: Enter the average $CBOD_5$ of the reclaimed water discharged during the period shown in duration of discharge.
TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.
Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.
Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.
No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.
Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

Florida Department of Environmental Protection
Twin Towers Office Bldg., 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

PATHOGEN MONITORING

Part I - Instructions

1. Completion of this report is required by Rules 62-610.463(4), 62-610.472(3)(d), 62-610.525(13), 62-610.568(11), 62-610.568(12), and 62-610.652(6)(c), F.A.C., for all domestic wastewater facilities that provide reclaimed water to certain types of reuse activities. The schedule for sampling and reporting shall be in accordance with the permit for the facility. If a schedule for sampling or re-sampling is not included in the permit, the following schedule shall apply:

   a. Routine Sampling:

      If sampling is required once every two years, this report shall be submitted on or before November 28 of each even numbered year (2006, 2008, 2010, etc.).

      If sampling is required once every five years, this report shall be submitted with the application for permit renewal.

      If sampling is required quarterly, this report shall be submitted on or before February 28, May 28, August 28, and November 28 of each year.

   b. Subsequent Re-Sampling:

      If subsequent re-sampling is required by Item 9 in Part I of this form, this form shall be submitted for the subsequent re-sampling(s) in accordance with the schedule established in Item 9 in Part I of this form.

2. Submit one copy of this form and a copy of the laboratory's final report for the analysis of *Giardia* and *Cryptosporidium* to each of the following two addresses:

   a. The appropriate DEP district office (attention Domestic Wastewater Program). Addresses for the DEP district offices are available at www.dep.state.fl.us/secretary/dist/default.htm.

   b. DEP Water Reuse Coordinator
      Mail Station 3540
      2600 Blair Stone Road
      Tallahassee, Florida 32399-2400

3. Please type or print legibly.

4. In Part II, Items 7 through 12 need to be completed only if this is the first submittal of this report, if the information in Items 7 through 12 has changed since the last submittal, or if the information in any of these questions has not been previously provided.

5. Part III is to be used when sampling for *Giardia* and *Cryptosporidium* at the treatment plant. Part III is also to be used when sampling for *Giardia* and *Cryptosporidium* in a supplemental water supply (see Rule 62-610.472, F.A.C.).

6. For each sample, record the sample volume obtained in liters.

7. For *Giardia*, record the concentrations in cysts per 100 liters. For *Cryptosporidium*, record the concentrations in oocysts per 100 liters. Sufficient sample volumes shall be collected and processed such that the detection limit is no greater than 5 cysts or oocysts per 100 liters. Detection levels on the order of 1 cyst or oocyst per 100 liters are recommended. If an observation is less than the detection limit, make an entry in the form "<2" (where 2 per 100 liters is the detection limit in this example). The actual detection limit will be dictated by the volumes of sample obtained, filtered, and processed. Do NOT record nondetectable values as zero.

8. EPA Method 1623 or other approved methods for reclaimed water or nonpotable waters, adjusted appropriately to accommodate the detection limit requirements, shall be used. Methods previously allowed for EPA's Information Collection Rule (ICR) shall not be used. The full requirements of the approved method, including quality assurance and quality control, are to be met. Quality assurance and sampling requirements in Chapter 62-160, F.A.C., shall apply.

   Two concentrations of *Giardia* and *Cryptosporidium* shall be recorded on Part III of this form:

   a. Total cysts and oocysts shall be enumerated using EPA Method 1623 or other approved methods.

   b. Potentially viable cysts and oocysts shall be enumerated using the DAPI staining technique contained in EPA Method 1623 or similar enumeration techniques included in other approved methods. Cysts and oocysts that are stained DAPI positive or show internal structure by D.I.C. shall be considered as being potentially viable. If the laboratory reports separate values for DAPI positive and for cysts or oocysts having internal structure, the larger of the two concentrations will be reported as being potentially viable.

9. If the number of potentially viable cysts of *Giardia* reported exceeds 5 per 100 liters, a subsequent sample shall be taken and analyzed using EPA Method 1623 or other approved methods and reported using this form. If the number of potentially viable oocysts of *Cryptosporidium* reported exceeds 22 per 100 liters, a subsequent sample shall be taken and analyzed using EPA Method 1623 or other approved methods and reported using this form. This subsequent sample shall be collected within 90 days of the date the initial sample was taken, analyzed for both *Giardia* and *Cryptosporidium*, and the results of the subsequent analysis shall be submitted to DEP using this form within 60 days of sample collection.

10. Rule 62-160.300, F.A.C., requires that all laboratories generating environmental data for submission to the DEP shall hold certification from the Department of Health's (DOH) Environmental Laboratory Certification Program (ELCP). Certification by the ELCP for analysis of *Giardia* and *Cryptosporidium* using EPA Method 1623 for non-potable waters is required. If other approved methods are used, certification by the ELCP is required for the specific method and for the test matrix. Lists of certified laboratories can be found at www.dep.state.fl.us/labs/cgi-bin/aams/index.asp

11. Samples shall be collected during peak flow periods (normally between the hours of 8:00 a.m. and 6:00 p.m.).

12. Recognizing that concentrations of these pathogens generally increase during the late summer through fall period, it is recommended that utilities sample during the August through October time period.

13. If the wastewater treatment facility uses chlorination for disinfection, samples obtained for analysis of *Giardia* and *Cryptosporidium* shall be dechlorinated.

14. When sampling at the treatment facility, obtain a grab sample for total suspended solids (TSS) that is representative of the water leaving the filters at the treatment facility during the period when pathogen

samples are being obtained. In addition, record the highest turbidity and the lowest total chlorine residual observed during the period when pathogen samples are being obtained.

15. When sampling a supplemental water supply, obtain a grab sample for total suspended solids (TSS) that is representative of the surface water or treated stormwater as it is added to the reclaimed water system. This TSS sample shall be taken during the period when pathogen samples are being obtained. In addition, record the lowest total chlorine residual observed during the period when pathogen samples are being obtained.

Part II - General Information

1. DEP wastewater facility identification number: **FLA012343**

   Wastewater facility name: Bonita Springs Utilities East WRF

   Permittee name: Bonita Springs Utilities Inc

2. Person completing this form:

   Name: _____

   Telephone: (_____)_____

   Email address: _____

3. Sampling and analysis:

   Date samples were taken: _____

   Organization collecting the samples: _____

   Was the sample dechlorinated in the field? ☐ Yes ☐ No

   Was the sample refrigerated or kept on ice during shipment to the laboratory? ☐ Yes ☐ No

   Date samples delivered to laboratory: _____

   Date analytical work was done: _____

   Laboratory doing the analysis: _____

   Laboratory's DOH Identification Number: _____

   Approved method used:

   ☐ EPA Method 1623

   ☐ Other approved method: _____

   Contact person at the laboratory: _____

   Email address of the lab contact person: _____

4. Is this the first time that this form has been submitted for the facility?

   ☐ Yes [Please complete Questions 7 through 16.]

   ☐ No [Proceed to Question 5.]

5. Is this a report of "subsequent re-sampling" required by Item 9 in Part I of this form based on concentrations of potentially viable cysts or oocysts in a previous sampling?

☐ No [Proceed to Question 6.]

☐ Yes [Attach a description of any facility or operational changes made to the treatment facilities since the time of the previous sampling and proceed to Question 6.]

6. Has the information requested in Questions 7 through 12 (below) changed since the last submittal of this form?

☐ Yes [Please complete Questions 7 through 16.]

☐ No [Proceed to Questions 13 through 16 of Part II of this form. You do not need to complete Questions 7 through 12.]

7. Type of secondary treatment system:

☐ Conventional activated sludge ☐ Extended aeration

☐ Contact stabilization ☐ Biological nutrient removal (such as Bardenpho)

☐ Other: _____

8. Does this treatment facility nitrify (convert ammonia nitrogen to nitrate)? ☐ Yes ☐ No

9. Filter type:

☐ Deep bed, single media ☐ Deep bed, multiple media

☐ Shallow bed, automatic backwash ☐ Upflow (including Dynasand)

☐ Slow rate sand filter ☐ Diatomaceous earth filter

☐ Fabric filter ☐ Cartridge filter

☐ Membranes (microfiltration, ultrafiltration, membrane bioreactor, reverse osmosis)

☐ Other: _____

10. Filter Media (complete for each type of media provided):

Top layer of media: Media type: _____

Effective size: _____ mm

Uniformity coefficient: _____

Bed depth: _____ inches

Middle layer of media: Media type: _____

Effective size: _____ mm

Uniformity coefficient: _____

Bed depth: _____ inches

Bottom layer of media: Media type: _____

Effective size: _____ mm

Uniformity coefficient: _____

Bed depth: _____ inches

11. Filter backwash water:

☐ Backwash water is returned to the headworks of the treatment plant.

☐ Backwash water is returned to the aeration basin.

☐ Other. Please describe: _____

12. Disinfection system:

☐ Chlorination, gas ☐ Hypochlorite

☐ Chlorine dioxide ☐ Chlorination, other _____

☐ Ultraviolet ☐ Ozone

☐ Other: _____

13. Is chlorine added before the filters? ☐ No ☐ Yes Dose: _____ mg/L

14. During the period that samples were taken, did you add a coagulant, coagulant aid, polyelectrolyte, or other chemical to enhance filtration?

☐ No

☐ Yes. Please list the chemicals being added and their dose.

Chemical 1 - Name: _____ Dose: _____ mg/L

Chemical 2 - Name: _____ Dose: _____ mg/L

Chemical 3 - Name: _____ Dose: _____ mg/L

15. Wastewater treatment plant permitted capacity: _____ MGD

16. Wastewater flow being treated at the time samples were collected: _____ MGD

PART III - PATHOGEN MONITORING REPORT

FACILITY ID: FLA012343
FACILITY NAME: Bonita Springs Utilities East WRF
FACILITY ADDRESS: 11900 E Terry St, WELLFIELD RD. EAST OF I-75 & N OF TERRY, Bonita Springs, FL 34135-6127
PERMITTEE NAME: Bonita Springs Utilities Inc
MAILING ADDRESS: 11900 E Terry St, Bonita Springs, Florida 34135- 6127
DATE OF SAMPLING: _____

Parameter	Quantity or Loading		Quality or Concentration	
	Sample Measurement	Units	Sample Measurement	Units
Treatment Plant: After Filter Monitoring Site No.				
Turbidity PARM Code 00070				NTU
TSS PARM Code 00530				mg/L
Treatment Plant: After Disinfection Monitoring Site No.				
Total Chlorine Residual PARM Code 50060				mg/L
Volume Collected PARM Code 71994		Liters		
Giardia, total count * PARM Code GIARD				total cysts/100 L
Giardia, potentially viable cysts * PARM Code VGIAR				potentially viable cysts/100 L
Cryptosporidium, total count * PARM Code CRYPT				total oocysts/100 L
Cryptosporidium, potentially viable oocysts * PARM Code VCRYP				potentially viable oocysts/100 L
Supplemental Water Supply (surface water or stormwater): After Treatment & Disinfection Monitoring Site No.				
TSS PARM Code 00530				mg/L
Total Chlorine Residual PARM Code 50060				mg/L
Volume Collected PARM Code 71994		Liters		
Giardia (total count) * PARM Code GIARD				total cysts/100 L
Giardia, potentially viable cysts * PARM Code VGIAR				potentially viable cysts/100 L
Cryptosporidium, total count * PARM Code CRYPT				total oocysts/100 L
Cryptosporidium, potentially viable oocysts * PARM Code VCRYP				potentially viable oocysts/100 L

* Data entries must be made for both total and potentially viable cysts and oocysts.

PART IV - CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based upon my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Name/Title of Principle Executive Officer or Authorized Agent (Type or Print)	Signature of Principle Executive Officer or Authorized Agent	Telephone No.	Date (YY/MM/DD)
	Email Address		

FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Sent Via Electronic Mail

October 5, 2023

In the Matter of an Application for Permit by:

John R. Jenkins
Executive Director
Bonita Springs Utilities
11900 East Terry Street
Bonita Springs, Florida 34135
JJenkins@BSU.us

UIC Permit: 0186015-006-UO/1X
WACS Facility ID: 88275
County: Lee
Class I Injection Well System, IW-1
Operation Permit
Reverse Osmosis Water Treatment Plant

Notice of Permit

Enclosed is permit number 0186015-006-UO/1X to operate a Class I injection well.

Any party to this Order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, (F.S.), by the filing of a Notice of Appeal pursuant to Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, Agency_Clerk@FloridaDEP.gov; and by filing a copy of the Notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Notice is filed with the Clerk of the Department.

Executing and Clerking:
Executed in Tallahassee, Florida.
State of Florida Department of Environmental Protection

Ronald McCulley

Ronald McCulley
Program Administrator
Source/Drinking Water,
Underground Injection Control &
Operator Certification Programs
Division of Water Resource Management

Certificate of Service
The undersigned duly designated clerk hereby certifies that this **Notice of Permit** and all copies were sent on the filing date October 5, 2023, to the following listed persons:

Ronald McCulley, DEP/TLH, Ronald.McCulley@FloridaDEP.gov
Annette Solveigh, DEP/TLH, Annette.Solveigh@FloridaDEP.gov
Dan Warmke, DEP/TLH, Daniel.Warmke@FloridaDEP.gov
James Dodson, DEP/TLH, James.Dodson@FloridaDEP.gov
Richard Lobinske, DEP/TLH, Richard.Lobinske@FloridaDEP.gov
Edith Chuy, DEP/TLH, Edith.Chuy@FloridaDEP.gov
Nolin Moon, DEP/SD, Nolin.Moon@FloridaDEP.gov
Gabriele Starrach, DEP/SD Gabriele.Starrach@FloridaDEP.gov
Deanna Newburg, DEP/SD, Deanna.Newburg@FloridaDEP.gov
Robert Reid, DEP/SD, Robert.B.Reid@FloridaDEP.gov
Omar Rodriguez, PE, RMA Geologic Consultants, ORodriguez@RMA-Geologic.com
Jason Meadows, USEPA/ATL, Meadows.JasonB@EPA.gov

Filing and Acknowledgment
Filed, on this date, pursuant to Section.120.52, Florida Statutes, (F.S.), with the designated Department Clerk, receipt of which is hereby acknowledged.

Lisa Williams
Clerk

10/05/2023
Date

FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Underground Injection Control
Class I Injection Well System
Operation Permit

Permittee

John R. Jenkins
Executive Director
Bonita Springs Utilities
11900 East Terry Street
Bonita Springs, Florida 34135
JJenkins@BSU.us

Permit/Certification

UIC Permit Number:	0186015-006-UO/1X
WACS Facility ID:	88275
Date of Issuance:	October 5, 2023
Date of Expiration:	October 5, 2028
Permit Processor:	Dan Warmke

Facility

Reverse Osmosis Water Treatment Plant
11900 East Terry Street
Bonita Springs, Florida 34135

Location

County:	Lee
Latitude:	26° 20' 37.0" N
Longitude:	81° 45′ 17.5″ W

Project: Class I Injection Well System IW-1

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and the rules adopted thereunder, particularly Chapter 62-528, Florida Administrative Code (F.A.C.). The above-named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department of Environmental Protection (Department) and made a part hereof and specifically described as follows.

To Operate: One, non-hazardous Class I injection well IW-1, for the disposal of reverse osmosis concentrate from the Bonita Springs Utilities Water Treatment Plant and secondary treated municipal effluent from both Bonita Springs East and West Water Reclamation Facilities. The maximum injection rate for IW-1 is 5,100 gallons per minute (gpm) and the maximum injection volume for IW-1 is 7.34 million gallons per day (mgd). The open hole injection interval is completed into the Oldsmar formation from 2,704 to 3,206 feet below land surface (bls). The dual-zone monitor well (DZMW-1) is completed in the Suwannee formation from 1,250 to 1,350 feet bls and Ocala Group from 1,630 to 1,700 feet bls.

In Accordance With: The Application to Operate DEP Form No. 62-528.900(1) received August 30, 2022, response to the Department's request for additional information dated January 13, 2023, and supporting information submitted to the Aquifer Protection Program (APP) Tallahassee office.

Location: Reverse Osmosis Water Treatment Plant, 11900 East Terry Street, Bonita Springs, Florida 34135, in Lee County.

The injection and monitoring wells, as designated below by well name and Water Assurance Compliance System (WACS) testsite identification (ID), and construction details at this facility, are as follows:

Injection Well (IW)

Well Name	WACS Testsite ID	Well Depth (Feet bls)	Casing Size[a] (Inches)	Casing Thickness (Inches)	Casing or Tubing Type	Casing Depth or Interval (Feet bls)
IW-1	9167	3,206	50	0.375	Steel	48
			38	0.375	Steel	450
			30	0.375	Steel	1,600
			20	0.5	Steel	2,704
			16	0.8	FRP[b]	2,694
					Open Hole	2,704 – 3,206

Injection Well Notes: Constructed with a fluid-filled annulus. All casings were cemented to land surface except for the 16-inch tubing which has a fluid filled annulus along the outside to be used for annular pressure monitoring. [a]All sizes are outside diameter or nominal size. [b]Fiberglass-reinforced plastic tubing.

Monitor Well (MW)

Well Name	WACS Testsite ID	Monitor Zone	Casing Size[a] (Inches)	Casing Thickness (Inches)	Casing Type	Casing Depth (Feet bls)	Monitoring Depth (Feet bls)
DZMW-1	21176A		24	0.375	Steel	450	
			16	0.375	Steel	1,250	
		Upper Zone					1,250–1,350
	21176B		6.625 6⅝	0.375	FRP[b]	1,630	
		Lower Zone					1,630–1,700

Monitor Well Notes: All casings were cemented to land surface, except the 6.625-inch FRP casing which has an uncemented zone for monitoring. [a]Outside diameter. [b]Fiberglass-reinforced plastic tubing.

Subject To: Specific Conditions I-VI and General Conditions 1-24.

Specific Conditions

I. Operating Requirements

A. General

1. Only non-hazardous injectate as described in this permit and purge water from the on-site monitor wells (associated with the injection well system) may be discharged into the injection wells. *[62-528.400(1), F.A.C.]*
2. The injection pressure at the wellhead shall be monitored and controlled at all times to ensure the maximum pressure at the wellhead does not exceed two-thirds of the

most recent tested pressure on the final casing, final cemented tubing, or casing/tubing annular space, as applicable. The following table outlines the wellhead pressures in pounds per square inch (psi) applicable at the time of permit issuance:

Well	Maximum Permitted Wellhead Pressure (psi)	Most Recent Tested Wellhead Pressure at the Time of Issuance of this Permit (psi)
IW-1	106	160

At such time as the next pressure test is performed and a report for that test is submitted to and accepted by the Department, the maximum wellhead pressure allowable will become two-thirds of the tested pressure from the successive test. *[62-528.300(6)(e), F.A.C.]*

3. The flow to the injection wells at each wellhead shall be monitored and controlled at all times to ensure the maximum fluid velocity down the well during operation does not exceed the respective flow rate indicated below, and shall not exceed 10 feet per second except during planned testing, maintenance, or emergency conditions in which case the flow rate shall not exceed 12 feet per second *[62-528.415(1)(f), F.A.C.]*:

Well	Peak Flow Rate (gpm)	Maximum Injection Volume (mgd)
IW-1	5,100	7.34

4. No underground injection is allowed that causes or allows movement of fluid into an underground source of drinking water if such fluid movement may cause a violation of any Primary Drinking Water Standard or may otherwise affect the health of persons. *[62-528.440(2)(c), F.A.C.]*
5. All equipment of this facility shall be operated and maintained so as to function consistently as designed in removing pollutants. The wastewater stream shall remain non-hazardous at all times. *[62-528.307(3)(b) and 62-528.400(1), F.A.C.]*
6. In the event a well must be plugged or abandoned, the permittee shall obtain a permit from the Department, as required by Rule 62-528, F.A.C. When no longer used for its intended purpose, a well shall be properly plugged and abandoned. Within 180 days of well abandonment, the permittee shall submit to the Department the proposed plugging method, pursuant to Rule 62-528.460, F.A.C. *[62-528.460(1) and 62-528.435(6), F.A.C.]*
7. In accordance with rules 62-4.090 and 62-528.455(3)(a), F.A.C., the permittee shall submit an application for permit renewal at least 60 days prior to expiration of this permit. *[62-528.307(3)(a), F.A.C.]*
8. Hurricane Preparedness: Preparations to be made by permittee upon issuance of a "Hurricane Watch" by the National Weather Service include, but are not limited to:
   a. Secure all onsite salt and other stockpiled additive materials to prevent surface and/or ground water contamination.
   b. Properly secure equipment to prevent damage to well(s) and onsite treatment process equipment.

   [62-528.307(1)(f), F.A.C.]

B. Mechanical Integrity and Mechanical Integrity Testing (MIT)

1. Mechanical Integrity.
   a. The permittee shall maintain the mechanical integrity of the well at all times.
   b. If the Department determines that the injection well lacks mechanical integrity, written notice shall be given to the permittee.
   c. Within 48 hours of receiving written notice that the well lacks mechanical integrity, unless the Department requires immediate cessation of injection, the permittee shall cease injection into the well unless the Department allows continued injection pursuant to subparagraph d. below.
   d. The Department shall allow the permittee to continue operation of a well that lacks mechanical integrity if the permittee has made a satisfactory demonstration that fluid movement into or between underground sources of drinking water is not occurring.

   [62-528.307(3)(e), F.A.C.]

2. The permittee shall demonstrate mechanical integrity at least once every five years for each existing injection well. In the event operational or other data indicate a possible loss of integrity in an injection well, mechanical integrity and other testing may be required at less than a five-year interval. For each injection well, the mechanical integrity testing program shall include: a television survey, pressure test, radioactive tracer survey (RTS), and temperature log. Mechanical integrity testing shall be run and completed prior to the following dates:

Five-Year MIT	
Well Name	**Required Completion Date**
IW-1	September 19, 2027

[62-528.300(6)(b)2, 62-528.300(6)(c), and 62-528.425(1)(d), F.A.C.]

3. A plan describing the mechanical integrity procedures shall be submitted to the Department's APP Tallahassee and South District offices for approval at least 90 days prior to the required completion date noted above. *[62-528.307(1)(m)4, F.A.C.]*

4. The Department's South District office must be notified a minimum of seven (7) calendar days prior to all testing for mechanical integrity on the injection wells. The testing procedure must be approved by the Department before testing begins. Any change in the approved testing procedure must be approved by the Department before testing begins. All testing must be initiated during daylight hours, Monday through Friday other than State holidays, unless approval has been given by the Department. An evaluation of all test results must be submitted with all test data. *[62-528.300(6)(f), F.A.C.]*

5. Pursuant to Rule 62-528.430(2)(b)2.a., F.A.C., the final report for the demonstration of mechanical integrity for the injection wells shall be submitted to the APP Tallahassee office for review and approval within three months of the completion date for mechanical integrity testing. In addition, a copy of the cover letter for the MIT results shall be sent to the U.S. Environmental Protection Agency, Region 4, Underground Injection Control program, 61 Forsyth St. SW, Atlanta, Georgia 30303-

8909, or R4gwuic@EPA.gov. The final MIT report shall be prepared by a Florida-Licensed Professional Engineer and/or Professional Geologist (as appropriate), and it shall address all tests noted in Specific Condition Number I.B.2. above (including procedures followed, results, and interpretations), and shall include a tabular presentation/graphical evaluation of monitoring well data over the previous five-year period. For wells with a fluid-filled annulus, the report shall also include a tabular presentation/graphical evaluation of annular pressure data over the previous five-year period, with the addition or removal of pressure and annular fluid noted. If the well has failed any of the specified tests, or the annular pressure system exhibits leaks, the MIT report shall include a plan for corrective action for all discovered deficiencies. *[62-528.440(5)(b), F.A.C.]*

C. Surface Equipment

1. The integrity of the monitor zone sampling systems shall be maintained at all times. Sampling lines shall be clearly and unambiguously identified by monitor zone at the point at which samples are drawn. All reasonable and prudent precautions shall be taken to ensure that samples are properly identified by monitor zone and that samples obtained are representative of those zones. Sampling lines and equipment shall be kept free of contamination with independent discharges and no interconnections with any other lines. *[62-528.307(1)(f) and 62-528.307(3)(b), F.A.C.]*
2. The surface equipment for each injection well disposing of domestic (municipal) effluent shall maintain compliance with Rule 62-600.540(5), F.A.C., for water hammer control, screening, access for logging and testing, and reliability and flexibility in the event of damage to the well and effluent piping. *[62-600.540(4), 62-528.307(1)(f), and 62-528.307(3)(b), F.A.C.]*
3. Injection wells not disposing of domestic (municipal) effluent shall maintain compliance with Rule 62-528.450(2)(j), F.A.C., for water hammer control, as well as access for logging and testing, and reliability and flexibility in the event of damage to the well and effluent piping. *[62-528.450(2)(j), 62-528.307(1)(f), and 62-528.307(3)(b), F.A.C.]*
4. The surface equipment and piping for the injection and monitoring wells shall be kept free of corrosion at all times. *[62-528.307(1)(f) and 62-528.307(3)(b), F.A.C.]*
5. Spillage onto the injection well pad(s) during construction activities, and any waters spilled during mechanical integrity testing, maintenance, testing, or repairs to the system(s) shall be contained on the pad(s) and directed to a sump which in turn discharges to the pumping station wet well, or via other approved means to the injection well system, or by another method approved by the Department. *[62-528.307(1)(f) and 62-528.307(3)(b), F.A.C.]*
6. The injection well pads are not, unless specific approval is obtained from the Department, to be used for storage of any material or equipment at any time. *[62-528.307(1)(f) and 62-528.307(3)(b), F.A.C.]*
7. The surficial aquifer monitor wells adjacent to the injection and monitor wells shall be secured, maintained, and retained in service for subsequent sampling that may be

needed (e.g., should there be an accidental discharge to the surficial aquifer); alternatively, the facility may submit a request to the Department for cessation of sampling followed by capping, or plugging and abandonment of these wells. *[62-528.307(3)(b) and 62-520.600(6)(k), F.A.C.]*

II. Quality Assurance/Quality Control

1. The permittee shall ensure that the operation of this injection well system shall be as described in the application and supporting documents. Any proposed modifications to the permit, construction procedures, testing procedures, completion procedures, operation procedures, or any additional work not described in the application or supporting documents shall be submitted in writing to the APP Tallahassee office for review and clearance prior to implementation. Changes of negligible impact to the environment and staff time will be reviewed by the program manager, cleared when appropriate and incorporated into this permit. Changes or modifications other than those described above will require submission of a completed application and appropriate processing fee as per Rule 62-4.050, F.A.C. *[62-4.050, F.A.C.]*
2. Proper operation and maintenance include effective performance and appropriate quality assurance procedures; adequate operator staffing and training; and adequate laboratory and process controls. *[62-528.307(3)(b), F.A.C.]*
3. All water quality samples required by this permit shall be collected in accordance with the appropriate Department Standard Operation Procedures (SOP), pursuant to Rule 62-160.210, F.A.C., *Approved Field Procedures*. A certified laboratory shall conduct the analytical work, as provided by Rule 62-160.300, F.A.C., *Laboratory Certification*. Department approved test methods shall be utilized, unless otherwise stated in this permit. All calibration procedures for field testing and laboratory equipment shall follow manufacturer's instrumentation manuals and satisfy the requirements of the Department SOPs. A listing of the SOPs pertaining to field and laboratory activities is available at the Department's website: https://floridadep.gov/dear/quality-assurance/content/dep-sops. *[62-4.246, 62-160, F.A.C.]*
4. All indicating, recording and totalizing devices associated with the injection well system shall be maintained in good operating condition and calibrated annually at a minimum. The pressure gauges, flow meter, and chart recorders shall be calibrated using standard engineering methods. *[62-528.307(1)(f) and 62-528.307(3)(b), F.A.C.]*
5. All reports submitted to satisfy the requirements of this permit shall be signed by a person authorized under Rule 62-528.340(1), F.A.C., or a duly authorized representative of that person under Rule 62-528.340(2), F.A.C. All reports required by this permit which are submitted to the Department shall contain the following certification as required by Rule 62-528.340(4), F.A.C.:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. *[62-528.340(1), (2), and (4), F.A.C.]*

6. Analyses shall be conducted on unfiltered samples, unless filtered samples have been approved by the Department as being more representative of ground water conditions. *[62-520.310(5), F.A.C.]*
7. An updated operation and maintenance manual, including a description of surge and water hammer control, shall be submitted to the Department within 60 days of the issuance of this permit if requested by the Department during the permit application process and was not already submitted. *[62-528.415(3), F.A.C.]*

III. Testing and Reporting Requirements

A. General

1. The permittee shall submit monthly to the Department the results of all injection well and monitor well data required by this permit no later than the last day of the month immediately following the month of record. The report shall include:
   a. A cover page summarizing the current status of all monthly activities, including, but not limited to, the certification and signature required in Specific Condition Number II.5 above.
   b. Operational and water quality data in a tabular format. The following identifying information must be included on each data sheet:
      i. Facility Name
      ii. Well Name
      iii. UIC Permit Number
      iv. WACS Facility ID
      v. WACS Testsite ID on the appropriate data sheet (as provided on the Injection Well and Monitoring Well tables on page 2 above).
   c. Laboratory pages and original supporting documentation including DEP Form FD 9000-24, *Groundwater Sampling Log*, for the purging of each monitor well.

   [62-528.307(3)(d), F.A.C.]
2. The report may be sent via electronic mail in Adobe™ (.pdf) format to the following Program e-mail addresses:

South District	SouthDistrict@FloridaDEP.gov
Aquifer Protection Program	TAL_UIC@FloridaDEP.gov

If a paper copy of the report is submitted, it should be sent to Department staff at the following addresses:

South District	2295 Victoria Avenue, Suite 364 Ft. Myers, Florida 33901-3875
Aquifer Protection Program	2600 Blair Stone Road, MS 3530 Tallahassee, Florida 32399-2400

[62-528.307(3)(d), F.A.C.]

B. Monitoring

1. The injection system shall be monitored in accordance with Rules 62-528.425(1)(g) and 62-528.430(2), F.A.C. The following injection well performance data and monitor zone data shall be recorded and reported in the *Monthly Operating Report* (MOR) as indicated below. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. *[62-528.307(3)(d) and 62-528.430(2), F.A.C.]*
    a. Monthly (M) sampling measurements shall be taken during the same week of each month, and as close to 30 days apart as possible.
    b. Quarterly (Q) sampling measurements shall be taken in the months of March, June, September, and December.
    c. Semiannual (SA) sampling measurements shall be taken in the months of June and December.
    d. Annual (A) sampling measurements shall be taken during the month of June.

    Once received, sample results shall be submitted, with the correct sample date, on the next upcoming MOR. Technical difficulties can be explained in the comment section of the MOR. The explanation shall include what issues occurred, how long it will take to address the issue, and an estimated time when sampling can be done and submitted.

Permittee: John R. Jenkins, Executive Director
Bonita Springs Utilities
Reverse Osmosis Water Treatment Plant

UIC Permit Number: 0186015-006-UO/1X
WACS Facility ID: 88275
Date: October 5, 2023

Parameter	Unit	Recording Frequency or Sampling Method	Frequency of Analyses		
			IW-1 *9167*	DZMW-1 Upper Zone *21176A*	DZMW-1 Lower Zone *21176B*
Injection Pressure, Max.	psi	Continuous	D/M [a]		
Injection Pressure, Min.	psi	Continuous	D/M [a]		
Injection Pressure, Avg.	psi	Continuous	D/M [a]		
Flow Rate, Max.	gpm	Continuous	D/M [a]		
Flow Rate, Min.	gpm	Continuous	D/M [a]		
Flow Rate, Avg.	gpm	Continuous	D/M [a]		
Annular Pressure, Max.	psi	Continuous	D/M [a]		
Annular Pressure, Min.	psi	Continuous	D/M [a]		
Annular Pressure, Avg.	psi	Continuous	D/M [a]		
Fluid Added to/Removed from Annulus	gallons	Daily/Monthly	D/M		
Pressure Added to/Removed from Annulus	psi	Daily/Monthly	D/M		
Volume Injected Concentrate	MG	Daily/Monthly	D/M		
Volume Injected Effluent	MG	Daily/Monthly	D/M		
Total Volume Injected	MG	Daily/Monthly	D/M		
Pressure or Water Level Max.	psi or ft NAVD	Continuous		D/M [a]	D/M [a]
Pressure or Water Level Min.	psi or ft NAVD	Continuous		D/M [a]	D/M [a]
Pressure or Water Level Avg.	psi or ft NAVD	Continuous		D/M [a]	D/M [a]
pH [b]	standard units	Grab/Purge	M	M	M
Specific Conductance [b]	µmhos/cm	Grab/Purge	M	M	M
Temperature [b]	°C	Grab/Purge	M	M	M
Dissolved Oxygen [b]	mg/L	Grab/Purge		M	M
Turbidity [b]	NTU	Grab/Purge		M	M
Chloride	mg/L	Grab/Purge	M	M	M
Sulfate	mg/L	Grab/Purge	M	M	M
Total Dissolved Solids	mg/L	Grab/Purge	M	M	M
Nitrate + Nitrite as N	mg/L	Grab/Purge	M	M	M
Ammonia as N	mg/L	Grab/Purge	M	M	M
Total Kjeldahl Nitrogen	mg/L	Grab/Purge	M	M	M
Total Phosphorus as P	mg/L	Grab/Purge	M	M	M
Bicarbonate	mg/L	Grab/Purge	Q	Q	Q
Calcium	mg/L	Grab/Purge	Q	Q	Q
Total Iron	mg/L	Grab/Purge	Q	Q	Q
Magnesium	mg/L	Grab/Purge	Q	Q	Q
Potassium	mg/L	Grab/Purge	Q	Q	Q
Sodium	mg/L	Grab/Purge	Q	Q	Q
Total Organic Carbon (TOC)	mg/L	Grab/Purge	M	M	M
Total Organic Halogen (TOX)	mg/L	Grab/Purge	M	M	M
Gross Alpha	pCi/L	Grab/Purge	Q		Q
Uranium	µg/L	Grab/Purge	Q		Q
Radium^{226}	pCi/L	Grab/Purge	Q		Q
Radium^{228}	pCi/L	Grab/Purge	Q		Q
Primary & Secondary Drinking Water Standards, Source Waters		[c]	A		

D - Daily; M - Monthly; Q – Quarterly; A – Annually
[a] - Operational data reporting for flows, pressures and water levels: daily maximum, minimum and average from continuous reporting; monthly maximum, minimum and average (calculated from daily averages). [b] - Field samples [c] - Composite and grab samples, as appropriate.
Refer to the tables on page 2 and above for the appropriate WACS testsite IDs to be used for reporting.

2. A laboratory analysis of the injectate for the Primary and Secondary Drinking Water Standards of Chapter 62-550, F.A.C., shall be submitted annually. The report of analysis shall be submitted in accordance with Specific Condition II.5 of this permit and shall include a declaration that the injected fluids are hazardous or nonhazardous (as referenced in Chapter 62-730, F.A.C.) based upon the analyses. See the attachment to this permit for the parameters.
   a. For facilities permitted to inject domestic wastewater, the domestic wastewater annual sample results may be the same as submitted for the domestic wastewater program if taken within the last 12 months. Primary and Secondary Drinking Water Standards of Chapter 62-550, F.A.C., not included in the domestic wastewater annual sample requirements shall be included in the same sample or in a separate sample. If not required annually for the domestic wastewater program, a separate sample shall be taken and reported for this permit. The samples shall be composite and grab samples as appropriate for the domestic wastewater program. The permittee may choose to take a combined annual sample from multiple domestic waste streams if they are authorized for injection in this permit.
   b. For facilities permitted to inject water other than domestic wastewater, the source water samples shall not be combined with domestic wastewater samples. The samples shall be grab samples. The permittee may choose to take a combined annual sample from multiple non-domestic waste streams if they are authorized for injection in this permit.
   c. The report should be sent to the addresses in Specific Condition III.A.2

   For renewal of this permit, the permittee shall submit a separate laboratory analysis for each permitted injectate source along with a declaration that the injected fluids are hazardous or nonhazardous (as referenced in Chapter 62-730, F.A.C.) based upon the analyses.
   [62-528.425(1)(a), F.A.C.]

3. A specific injectivity test shall be performed quarterly on the injection well as required by Rule 62-528.430(2)(b)1.b., F.A.C. Pursuant to Rule 62-528.430(2)(d), F.A.C, the specific injectivity test shall be performed with the pumping rate to the well set at a predetermined level and reported as the specific injectivity index (gallons per minute/specific pressure). The pumping rate to be used shall be based on the expected flow, the design of the pump types, and the type of pump control used. As part of this test, the well shall be shut-in for a period of time necessary to conduct a valid observation of pressure fall-off. The specific injectivity and pressure fall-off test data shall be submitted along with the monitoring results of the injection and monitoring well data. *[62-528.430(2)(b)1.b. and (d), F.A.C.]*

4. Monitor well purging and field stabilization parameter measurement is required prior to the collection of laboratory samples for the MORs. The facility shall conduct the monitor well sampling following the monitor well sampling protocols specified in FS 2200-*Groundwater Sampling* in the DEP-SOP-001/01 Standard Operating Procedures for Field Activities. The results of the purging techniques and field stabilization parameters shall be provided on DEP Form FD 9000-24 or a similar alternative

approved by the Department, and the completed forms shall be submitted to the Department with the MORs.

a. Calculate the volume of water in the well casing (or sample pipe if installed), and the monitoring interval. For dual zone monitor wells, calculate the upper monitor zone volume with allowance for reduced volume due to the hollow cylinder created by the lower zone tubing. Purge until the water level has stabilized (when the well recovery rate equals the purge rate), purging a minimum of one well volume, and then collect the first set of stabilization parameters.
b. Thereafter, collect stabilization parameters after every ¼ well volume beyond the initial one volume.
c. Purging shall be complete when three consecutive readings of the parameters listed below are within the following ranges[1] **and** a minimum of 1.5 well casing volumes of fluid since the beginning of purging have been evacuated from the monitoring well:
    - pH: ± 0.2 Standard Units
    - Specific Conductance: ± 5.0% of reading
    - Temperature: ± 0.2° C
    - Dissolved Oxygen: ≤ 20% Saturation or ± 0.2 mg/L
    - Turbidity: ≤20 NTU
d. If necessary, continue to take the above readings every additional ¼ well volume until three consecutive readings meet the above criteria.
e. Typical field conditions may not allow the temperature parameter to be met. If all the other purging criteria have stabilized, the sampling team leader may decide whether to collect a sample if the temperature criteria has not been met (DEP SOP FS2212 Section 3.6). Documentation as to why the sample was collected without meeting a field parameter must be recorded in the ground water sampling log.
f. If three consecutive ¼ well volume readings have not reached the stabilization criteria listed above by the time the fifth well volume has been reached, the monitoring well sample shall be taken, and document the reason(s) in the ground water sampling log.
g. If a sampling pipe is used for purging, the sampling pipe volume will substitute for the well casing volume.

The Department will consider an alternate purging method meeting monitor well sampling protocol in DEP-SOP-001/01 FS 2200 *Groundwater Sampling* where the above procedure causes a hardship to the facility. The permittee shall request an alternate method and receive written Department approval before implementing it. *[62-160.210(1) and 62-528.430(2), F.A.C.]*

5. The flow from the monitor zones during well evacuation and sampling shall not be discharged to surface waters or aquifers containing an underground source of

[1] Provided dissolved oxygen in the groundwater of the zone being monitored is ≤ 20% of saturation for the measured temperature and turbidity is ≤ 20 NTUs. This assumption holds true for groundwater in most zones of the Floridan aquifer.

drinking water. Waters purged from monitor wells in preparation for sampling shall be diverted to the injection well head via the pad drainage system, wet well, or treatment plant. *[62-4.030 and 62-620.320, F.A.C.]*

IV. Abnormal Events

1. In the event the permittee is temporarily unable to comply with any of the conditions of a permit due to breakdown of equipment, power outages or destruction by hazard of fire, wind, or by other cause, the permittee of the facility shall notify the South District office. *[62-528.415(4)(a), F.A.C.]*
2. Notification shall be made in person, by telephone, or by electronic mail (e-mail) within 24 hours from the time the permittee becomes aware of a breakdown or malfunction to the South District office. *[62-528.307(1)(x), F.A.C.]*
3. A written report of any noncompliance referenced in Specific Condition Number IV.1 above shall be submitted to the South District office and the APP Tallahassee office within five days after its occurrence. The report shall describe the nature and cause of the breakdown or malfunction, the steps being taken or planned to be taken to correct the problem and prevent its reoccurrence, emergency procedures in use pending correction of the problem, and the time when the facility will again be operating in accordance with permit conditions. *[62-528.415(4)(b), F.A.C.]*
4. **Reporting Requirements**

   The permittee shall report to the Department's South District any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

   a. The following shall be included as information which must be reported within 24 hours under this condition:
      1) Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
      2) Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
      3) Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
      4) Any unauthorized discharge to surface or ground waters.
   b. Oral reports as required by this subsection shall be provided as follows:
      1) For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph (a)4. that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the **State Watch Office Toll-**

Free Number 800-320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Watch Office:

a) Name, address, and telephone number of person reporting;
b) Name, address, and telephone number of permittee or responsible person for the discharge;
c) Date and time of the discharge and status of discharge (ongoing or ceased);
d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
e) Estimated amount of the discharge;
f) Location or address of the discharge;
g) Source and cause of the discharge;
h) Whether the discharge was contained on-site, and cleanup actions taken to date;
i) Description of area affected by the discharge, including name of water body affected, if any; and
j) Other persons or agencies contacted

2) Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department's South District within 24 hours from the time the permittee becomes aware of the circumstances.

c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department's South District shall waive the written report.

[403.077(2)(d), F.S., 62-528.307(1)(e) and 62-528.307(1)(x), F.A.C.]

5. **Pollution Notification**

a. In accordance with subsection 403.077, F.S., in the event of a reportable pollution release, an owner or operator of the installation at which the reportable pollution release occurs must provide to the department information reported to the State Watch Office within the Division of Emergency Management pursuant to any department rule, permit, order, or variance, within 24 hours after the owner's or operator's discovery of such reportable pollution release. The Department's Pollution Notice website is at https://floridadep.gov/pollutionnotice.

b. If multiple parties are subject to the notification requirements based on a single reportable pollution release, a single notification made by one party in accordance with this section constitutes compliance on behalf of all parties subject to the requirement. However, if the notification is not made in accordance with this section, the department may pursue enforcement against all parties subject to the requirement.

c. If, after providing notice pursuant to paragraph (a), the owner or operator of the installation determines that a reportable pollution release did not occur or that an

amendment to the notice is warranted, the owner or operator may submit a letter to the department documenting such determination.

d. If, after providing notice pursuant to paragraph (a), the installation owner or operator discovers that a reportable pollution release has migrated outside the property boundaries of the installation, the owner or operator must provide an additional notice to the department that the release has migrated outside the property boundaries within 24 hours after its discovery of the migration outside of the property boundaries.

[403.077(2)(d), F.S., 62-528.307(1)(e) and 62-528.307(1)(x), F.A.C.]

V. Emergency Disposal

1. All applicable federal, state and local permits must be in place to allow for any alternate discharges due to emergency or planned outage conditions. *[62-528.415(4)(c)1, F.A.C.]*
2. Any proposed changes in emergency disposal methods shall be submitted to the South District office and the APP Tallahassee office for review and approval prior to implementation. *[62-528.415(4)(c), F.A.C.]*
3. The emergency disposal method must be fully operational in the event of planned or emergency outages of the injection well system. *[62-528.415(4)(c)2, F.A.C.]*

VI. Financial Responsibility

1. The permittee shall maintain at all times the financial resources necessary to close, plug, and abandon the injection and associated monitor wells. *[62-528.435(9), F.A.C.]*
2. The permittee shall annually review the cost estimate for plugging and abandonment. Upon the occurrence of the plugging and abandonment cost estimate exceeding, by 10 percent or more on an annual basis, the cost estimate upon which the current financial responsibility is based, the permittee shall submit to the Department certified financial documentation necessary to amend, renew, or otherwise replace the existing financial responsibility pursuant to Rule 62-528.435(9)(b), F.A.C. and the conditions of this permit. *[62-528.435(9)(b), F.A.C.]*
3. In the event that the mechanism used to demonstrate financial responsibility should become insufficient or invalid for any reason, the permittee shall notify the APP Tallahassee office in writing within 14 days of such insufficiency or invalidation. The permittee shall within 90 days of said notification submit to the APP Tallahassee office for approval new financial documentation certifying either the remedy of current financial insufficiency or resolution of the financial instrument invalidation to comply with Rule 62-528.435(9)(b), F.A.C, and the conditions of this permit. *[62-528.435(9)(b), F.A.C.]*

General Conditions

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are "permit conditions" and are binding and enforceable pursuant to section 403.141, F.S. *[62-528.307(1)(a), F.A.C.]*

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action. *[62-528.307(1)(b), F.A.C.]*
3. As provided in subsection 403.087(7), F.S., the issuance of this permit does not convey any vested rights or exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit. *[62-528.307(1)(c), F.A.C.]*
4. This permit conveys no title to land, water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-528.307(1)(d), F.A.C.]*
5. This permit does not relieve the permittee from liability for harm to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties there from; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. *[62-528.307(1)(e), F.A.C.]*
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit or are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules. *[62-528.307(1)(f), F.A.C.]*
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
   a. Have access to and copy any records that must be kept under conditions of this permit;
   b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
   c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.
   d. Reasonable time will depend on the nature of the concern being investigated.

   [62-528.307(1)(g), F.A.C.]
8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
   a. A description of and cause of noncompliance; and

b. The period of noncompliance, including dates and times; or, if not corrected the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent the recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.
[62-528.307(1)(h), F.A.C.]

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is proscribed by sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules. *[62-528.307(1)(i), F.A.C.]*

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. *[62-528.307(1)(j), F.A.C.]*

11. This permit is transferable only upon Department approval in accordance with rules 62-4.120 and 62-528.350, F.A.C. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department. *[62-528.307(1)(k), F.A.C.]*

12. This permit or a copy thereof shall be kept at the work site of the permitted activity. *[62-528.307(1)(l), F.A.C.]*

13. The permittee shall comply with the following:
    a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records shall be extended automatically unless the Department determines that the records are no longer required.
    b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
    c. Records of monitoring information shall include:
        1) The date, exact place, and time of sampling or measurements;
        2) The person responsible for performing the sampling or measurements;
        3) The dates analyses were performed;
        4) The person responsible for performing the analyses;

5) The analytical techniques or methods used;
6) The results of such analyses.

d. The permittee shall furnish to the Department, within the time requested in writing, any information which the Department requests to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit.

e. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

[62-528.307(1)(m), F.A.C.]

14. All applications, reports, or information required by the Department shall be certified as being true, accurate, and complete. *[62-528.307(1)(n), F.A.C.]*

15. Reports of compliance or noncompliance with, or any progress reports on, requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each scheduled date. *[62-528.307(1)(o), F.A.C.]*

16. Any permit noncompliance constitutes a violation of the Safe Drinking Water Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. *[62-528.307(1)(p), F.A.C.]*

17. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-528.307(1)(q), F.A.C.]*

18. The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit. *[62-528.307(1)(r), F.A.C.]*

19. This permit may be modified, revoked and reissued, or terminated for cause, as provided in 40 C.F.R. sections 144.39(a), 144.40(a), and 144.41 (1998). The filing of a request by the permittee for a permit modification, revocation or reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition. *[62-528.307(1)(s), F.A.C.]*

20. The permittee shall retain all records of all monitoring information concerning the nature and composition of injected fluid until five years after completion of any plugging and abandonment procedures specified under rule 62-528.435, F.A.C. The permittee shall deliver the records to the Department office that issued the permit at the conclusion of the retention period unless the permittee elects to continue retention of the records. *[62-528.307(1)(t), F.A.C.]*

21. All reports and other submittals required to comply with this permit shall be signed by a person authorized under rules 62-528.340(1) or (2), F.A.C. All reports shall contain the certification required in rule 62-528.340(4), F.A.C. *[62-528.307(1)(u), F.A.C.]*

22. The permittee shall notify the Department as soon as possible of any planned physical alterations or additions to the permitted facility. In addition, prior approval is required for activities described in rule 62-528.410(1)(h). *[62-528.307(1)(v), F.A.C.]*

23. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or injection activity which may result in noncompliance with permit requirements. *[62-528.307(1)(w), F.A.C.]*

24. The permittee shall report any noncompliance which may endanger health or the environment including:

    a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to an underground source of drinking water; or

    b. Any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

    Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause, the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.
    [62-528.307(1)(x), F.A.C.]

Issued this 5th day of October, 2023

State of Florida
Department of Environmental Protection

Ronald McCulley

Ronald McCulley
Program Administrator
Source/Drinking Water,
Underground Injection Control &
Operator Certification Programs
Division of Water Resource Management

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME:	SITE LOCATION:
WELL NO:	SAMPLE ID: / DATE:

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (^{o}C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y N (replaced)	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

FLORIDA DEPARTMENT OF
Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Attachment:
Primary and Secondary Drinking Water Standards for Injection Permit Background Water Samples and Wastestream Analyses
Table Numbers are from Chapter 62-550, F.A.C

Table 1

Maximum Contaminant Levels for Inorganic Compounds		
Federal Contaminant ID Number	**Contaminant**	**MCL (mg/L)**
1074	Antimony	0.006
1005	Arsenic	0.010
1010	Barium	2
1075	Beryllium	0.004
1015	Cadmium	0.005
1020	Chromium	0.1
1024	Cyanide (as free Cyanide)	0.2
1025	Fluoride	4.0
1030	Lead	0.015
1035	Mercury	0.002
1036	Nickel	0.1
1040	Nitrate	10 (as N)
1041	Nitrite	1 (as N)
	Total Nitrate and Nitrite	10 (as N)
1045	Selenium	0.05
1052	Sodium	160
1085	Thallium	0.002

Table 2

Maximum Residual Disinfectant Levels		
Federal Contaminant ID Number	**Disinfectant Residual**	**MRDL (mg/L)**
1012	Chlorine	4.0 (as Cl_2)
1006	Chloramines	4.0 (as Cl_2)
1008	Chlorine Dioxide	0.8 (as ClO_2)

Table 4

Maximum Contaminant Levels for Volatile Organic Contaminants		
Federal Contaminant ID Number	**Contaminant (CAS NUMBER)**	**MCL (mg/L)**
2977	1,1-Dichloroethylene (75-35-4)	0.007
2981	1,1,1-Trichloroethane (71-55-6)	0.2
2985	1,1,2-Tricholoroethane (79-00-5)	0.005
2980	1,2-Dichloroethane (107-06-2)	0.003
2983	1,2-Dichloropropane (78-87-5)	0.005
2378	1,2,4-Tricholorobenzene (120-82-1)	0.07
2990	Benzene (71-43-2)	0.001
2982	Carbon tetrachloride (56-23-5)	0.003
2380	cis-1,2-Dichloroethylene (156-59-2)	0.07
2964	Dichloromethane (75-09-2)	0.005
2992	Ethylbenzene (100-41-4)	0.7
2989	Monochlorobenzene (108-90-7)	0.1
2968	o-Dichlorobenzene (95-50-1)	0.6
2969	para-Dichlorobenzene (106-46-7)	0.075
2996	Styrene (100-42-5)	0.1
2987	Tetrachloroethylene (127-18-4)	0.003
2991	Toluene (108-88-3)	1
2979	trans-1,2-Dichloroethylene (156-60-5)	0.1
2984	Trichloroethylene (79-01-6)	0.003
2976	Vinyl chloride (75-01-4)	0.001
2955	Xylenes (total) (1330-20-7)	10

Table 5

Maximum Contaminant Levels for Synthetic Organic Contaminants		
Federal Contaminant ID Number	**Contaminant (CAS NUMBER)**	**MCL (mg/L)**
2063	2,3,7,8-TCDD (Dioxin) (1746-01-6)	3×10^{-8}
2105	2,4-D (94-75-7)	0.07
2110	2,4,5-TP (Silvex) (93-72-1)	0.05
2051	Alachlor (15972-60-8)	0.002
2050	Atrazine (1912-24-9)	0.003
2306	Benzo(a)pyrene (50-32-8)	0.0002
2046	Carbofuran (1563-66-2)	0.04
2959	Chlordane (57-74-9)	0.002
2031	Dalapon (75-99-0)	0.2
2035	Di(2-ethylhexyl)adipate (103-23-1)	0.4
2039	Di(2-ethylhexyl)phthalate (117-81-7)	0.006
2931	Dibromochloropropane (DBCP) (96-12-8)	0.0002
2041	Dinoseb (88-85-7)	0.007
2032	Diquat (85-00-7)	0.02
2033	Endothall (145-73-3)	0.1
2005	Endrin (72-20-8)	0.002
2946	Ethylene dibromide (EDB) (106-93-4)	0.00002
2034	Glyphosate (1071-83-6)	0.7
2065	Heptachlor (76-44-8)	0.0004
2067	Heptachlor epoxide (1024-57-3)	0.0002
2274	Hexachlorobenzene (118-74-1)	0.001
2042	Hexachlorocyclopentadiene (77-47-4)	0.05
2010	Lindane (58-89-9)	0.0002
2015	Methoxychlor (72-43-5)	0.04
2036	Oxamyl (vydate) (23135-22-0)	0.2
2326	Pentachlorophenol (87-86-5)	0.001
2040	Picloram (1918-02-1)	0.5
2383	Polychlorinated biphenyls (PCBs)	0.0005
2037	Simazine (122-34-9)	0.004
2020	Toxaphene (8001-35-2)	0.003

Table 6

Secondary Drinking Water Standards		
Federal Contaminant ID Number	**Contaminant**	**MCL (mg/L)**
1002	Aluminum	0.2
1017	Chloride	250
1022	Copper	1
1025	Fluoride	2.0
1028	Iron	0.3
1032	Manganese	0.05
1050	Silver	0.1
1055	Sulfate	250
1095	Zinc	5
1905	Color	15 color units
1920	Odor	3 (threshold odor number)
1925	pH	6.5 - 8.5
1930	Total Dissolved Solids	500
2905	Foaming Agents	0.5

Other Primary Drinking Water Standards from Chapter 62-550

Disinfectant Byproducts	
Disinfectant Byproducts	**MCL (mg/L)**
Bromate	0.010
Chlorite	1.0
Total Trihalomethanes (TTHM)	0.080
Haloacetic Acids (Five) (HAA5)	0.060

Radionuclides	
Contaminant	**MCL**
Combined radium226 and radium228	5 pCi/L
Gross alpha particle activity including radium226 but excluding radon and uranium	15 pCi/L
Uranium	30 ug/L

Abbreviations Used:
MCL = maximum contaminant level
mg/L = milligrams per liter.
pCi/L = picoCuries per liter
MRDL = maximum residual disinfectant level
CAS Number = Chemical Abstract System Number

FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Sent Via Electronic Mail

October 16, 2024

In the Matter of an Application for Permit by:

Andy Koebel
Executive Director
Bonita Springs Utilities, Inc
11900 East Terry Street
Bonita Springs, Florida 34135
AKoebel@BSU.us

UIC Permit File:	0190919-006-UO/1M
WACS Facility ID:	88435
County:	Lee
Class:	Class I Injection Well System
Well:	IW-1
Permit Type:	Operation
Facility:	West Water Reclamation Facility

Notice of Permit

Enclosed is permit number 0190919-006-UO/1M to operate a Class I Injection Well injection well system.

Any party to this Order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, (F.S.), by the filing of a Notice of Appeal pursuant to Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, Agency_Clerk@FloridaDEP.gov; and by filing a copy of the Notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Notice is filed with the Clerk of the Department.

Executing and Clerking:
Executed in Tallahassee, Florida
State of Florida Department of Environmental Protection

Richard Lobinske

Richard Lobinske, Ph.D.
Environmental Administrator
Underground Injection Control
Aquifer Protection Program
Division of Water Resource Management

Certificate of Service

The undersigned duly designated clerk hereby certifies that this **Notice of Permit** and all copies were sent on the filing date October 16, 2024, to the following listed persons:

Richard Lobinske, DEP/TLH, Richard.Lobinske@FloridaDEP.gov
Annette Solveigh, DEP/TLH, Annette.Solveigh@FloridaDEP.gov
Dan Warmke, DEP/TLH, Daniel.Warmke@FloridaDEP.gov
James Dodson, DEP/TLH, James.Dodson@FloridaDEP.gov
Edith Chuy, DEP/TLH, Edith.Chuy@FloridaDEP.gov
Cheryl Greenwell, DEP/TLH, Cheryl.Greenwell@FloridaDEP.gov
Robert Reid, DEP/SD Robert.B.Reid@FloridaDEP.gov
Gabriele Starrach, DEP/SD Gabriele.Starrach@FloridaDEP.gov
Nolin Moon, DEP/SD, Nolin.Moon@FloridaDEP.gov
Deanna Newburg, DEP/SD, Deanna.Newburg@FloridaDEP.gov
Omar Rodriguez, PE, RMA Geologic Consultants, ORodriguez@RMA-Geologic.com
Jason Meadows, USEPA/ATL, Meadows.JasonB@EPA.gov

Filing and Acknowledgment

Filed, on this date, pursuant to Section 120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Lisa Williams
Clerk

10/16/2024
Date

FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Underground Injection Control
Class I Injection Well System
Operation Permit

Permittee

Andy Koebel
Executive Director
Bonita Springs Utilities, Inc.
11900 East Terry Street
Bonita Springs, Florida 34135
AKoebel@BSU.us

Permit/Certification

UIC Permit Number:	0190919-006-UO/1M
WACS Facility ID:	88435
Date of Issuance:	October 16, 2024
Date of Expiration:	October 16, 2029
Permit Processor:	Dan Warmke

Facility

West Water Reclamation Facility
8890 Ten Eight Street
Bonita Springs, Florida 34135

Location

County:	Lee
Latitude:	26° 22' 26.56" N
Longitude:	81° 48' 14.62" W

Project: Class I Injection Well System IW-1

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and the rules adopted thereunder, particularly Chapter 62-528, Florida Administrative Code (F.A.C.). The above-named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department of Environmental Protection (Department or DEP) and made a part hereof and specifically described as follows.

To Operate: One non-hazardous Class I Injection well IW-1 and associated monitor well DZMW-1 for the disposal of secondary treated wastewater from the Bonita Springs Utilities, Inc., West Water Reclamation Facility (WRF) and the Bonita Springs Utilities, Inc., East Water Reclamation Facility. The maximum injection rate for IW-1 shall be 5,500 gallons per minute (gpm) and the maximum injection volume for IW-1 shall be 7.92 million gallons per day (mgd). The injection well is constructed with a 16-inch diameter casing set to 2,490 feet below land surface (bls) and total depth of 3,220 feet bls. The dual-zone monitor well DZMW-1 is completed in the Suwannee Formation from 1,250 to 1,285 feet bls and the Ocala Group from 1,570 to 1,640 feet bls.

In Accordance With: The Application to Operate DEP Form No. 62-528.900(1) received May 2, 2023, and supporting information submitted to the Aquifer Protection Program (APP) Tallahassee office.

Location: West Water Reclamation Facility, 25051 South Tamiami Trail, Bonita Springs, Florida 34135, in Lee County.

The injection and monitor wells, as designated below by well name and Water Assurance Compliance System (WACS) Testsite identification (ID), and construction details at this facility, are as follows:

Table 1
Injection Well

Well Name	WACS Testsite ID	Well Depth (Feet bls)	Casing Size[a] (Inches)	Casing Thickness (Inches)	Casing or Tubing Type	Casing Depth or Interval (Feet bls)
IW-1	9168	3,220	50	0.375	Steel	48
			38	0.375	Steel	450
			26	0.375	Steel	1,650
			16	0.50	Steel	2,490
					Open Hole	2,490 – 3,220

Injection Well Notes: All cases and tubing were cemented to land surface. [a]All sizes in outside diameter or nominal size.

Table 2
Monitor Wells

Well Name	WACS Testsite ID	Monitor Zone	Casing Size[a] (Inches)	Casing Thickness (Inches)	Casing Type	Casing Depth (Feet bls)	Monitoring Depth (Feet bls)
DZMW-1	21178A		36	0.375	Steel	450	
			24	0.375	Steel	1,110	
			16	0.375	Steel	1,250	
		Upper Zone					1,250 –1,285
	21178B		6	0.27	FRP[b]	1,570	
		Lower Zone					1,570 –1,640

Monitor Well Notes: All casings were cemented to land surface, except the 6-inch FRP casing which has an uncemented zone for monitoring. A PVC sample tube was installed into the uncemented interval to aid in sample collection. [a]Outside diameter. [b]Fiberglass-reinforced plastic tubing.

Subject To: Specific Conditions I-VI and General Conditions 1-24.

Specific Conditions

I. Operating Requirements

A. General

1. Only non-hazardous injectate as described in this permit and purge water from the on-site monitor wells (associated with the injection well system) may be discharged into the injection wells. *[62-528.400(1), F.A.C.]*

2. The injection pressure at the wellhead shall be monitored and controlled at all times to ensure the maximum pressure at the wellhead does not exceed two-thirds of the most recent tested pressure on the final casing, final cemented tubing, or casing/tubing annular space, as applicable. The following table outlines the wellhead pressures in pounds per square inch (psi) applicable at the time of permit issuance:

Well	Maximum Permitted Wellhead Pressure (psi)	Most Recent Tested Wellhead Pressure at the Time of Permit Issuance (psi)
IW-1	107	161

At such time as the next pressure test is performed and a report for that test is submitted to and accepted by the Department, the maximum wellhead pressure allowable will become two-thirds of the tested pressure from the successive test. *[62-528.300(6)(e), F.A.C.]*

3. The flow to the injection wells at each wellhead shall be monitored and controlled at all times to ensure the maximum fluid velocity down the well during operation does not exceed the respective flow rate indicated below, and shall not exceed 10 feet per second except during planned testing, maintenance, or emergency conditions in which case the flow rate shall not exceed 12 feet per second *[62-528.415(1)(f), F.A.C.]*:

Well	Peak Flow Rate (gpm)	Maximum Injection Volume (mgd)
IW-1	5,500	7.92

4. No owner or operator shall construct, operate, maintain, convert, plug, abandon, or conduct any other injection activity in a manner that allows the movement of fluid containing any contaminant into underground sources of drinking water, if the presence of that contaminant may cause a violation of any primary drinking water regulation under 40 CFR part 141 or may otherwise adversely affect the health of persons. *The applicant for a permit shall have the burden of showing that the requirements of this paragraph are met. [62-528.440(2)(c), F.A.C.]*
5. All equipment of this facility shall be operated and maintained so as to function consistently as designed in removing pollutants. The wastewater stream shall remain non-hazardous at all times. *[62-528.307(3)(b) and 62-528.400(1), F.A.C.]*
6. In the event a well must be plugged or abandoned, the permittee shall obtain a permit from the Department, as required by Rule 62-528, F.A.C. When no longer used for its intended purpose, a well shall be properly plugged and abandoned. Within 180 days of well abandonment, the permittee shall submit to the Department the proposed plugging method, pursuant to Rule 62-528.460, F.A.C. *[62-528.460(1) and 62-528.435(6), F.A.C.]*
7. In accordance with rules 62-4.090 and 62-528.455(3)(a), F.A.C., the permittee shall submit an application for permit renewal at least 60 days prior to expiration of this permit. *[62-528.307(3)(a), F.A.C.]*
8. Hurricane Preparedness: Preparations to be made by permittee upon issuance of a "Hurricane Watch" by the National Weather Service include, but are not limited to:
   a. Secure all onsite salt and other stockpiled additive materials to prevent surface and/or ground water contamination.
   b. Properly secure equipment to prevent damage to well(s) and onsite treatment process equipment.

   [62-528.307(1)(f), F.A.C.]

B. Mechanical Integrity and Mechanical Integrity Testing (MIT)

1. Mechanical Integrity.
   a. The permittee shall maintain the mechanical integrity of the well at all times.
   b. If the Department determines that the injection well lacks mechanical integrity, written notice shall be given to the permittee.
   c. Within 48 hours of receiving written notice that the well lacks mechanical integrity, unless the Department requires immediate cessation of injection, the permittee shall cease injection into the well unless the Department allows continued injection pursuant to subparagraph d. below.
   d. The Department shall allow the permittee to continue operation of a well that lacks mechanical integrity if the permittee has made a satisfactory demonstration that fluid movement into or between underground sources of drinking water is not occurring.

   [62-528.307(3)(e), F.A.C.]

2. The permittee shall demonstrate mechanical integrity at least once every five years for each existing injection well. In the event operational or other data indicate a possible loss of integrity in an injection well, mechanical integrity and other testing may be required at less than a five-year interval. For each injection well, the mechanical integrity testing program shall include: a television survey, pressure test, radioactive tracer survey (RTS), and temperature log. Mechanical integrity testing shall be run and completed prior to the following dates:

Five-Year MIT	
Well Name	**Required Completion Date**
IW-1	November 16, 2027

   [62-528.300(6)(b)2, 62-528.300(6)(c), and 62-528.425(1)(d), F.A.C.]

3. A plan describing the mechanical integrity procedures shall be submitted to the Department's APP Tallahassee and South District offices for approval at least 90 days prior to the required completion date noted above. *[62-528.307(1)(m)4, F.A.C.]*

4. The Department's South District office must be notified a minimum of seven (7) calendar days prior to all testing for mechanical integrity on the injection wells. The testing procedure must be approved by the Department before testing begins. Any change in the approved testing procedure must be approved by the Department before testing begins. All testing must be initiated during daylight hours, Monday through Friday other than State holidays, unless approval has been given by the Department. An evaluation of all test results must be submitted with all test data. *[62-528.300(6)(f), F.A.C.]*

5. Pursuant to Rule 62-528.430(2)(b)2.a., F.A.C., the final report for the demonstration of mechanical integrity for the injection wells shall be submitted to the APP Tallahassee office for review and approval within three months of the completion date for mechanical integrity testing. In addition, a copy of the cover letter for the MIT results shall be sent to the U.S. Environmental Protection Agency, Region 4, Underground Injection Control program, 61 Forsyth St. SW, Atlanta, Georgia 30303-8909, or R4gwuic@EPA.gov. The final MIT report shall be prepared by a Florida-

Licensed Professional Engineer and/or Professional Geologist (as appropriate), and it shall address all tests noted in Specific Condition Number I.B.2. above (including procedures followed, results, and interpretations), and shall include a tabular presentation/graphical evaluation of monitor well data over the previous five-year period. For wells with a fluid-filled annulus, the report shall also include a tabular presentation/graphical evaluation of annular pressure data over the previous five-year period, with the addition or removal of pressure and annular fluid noted. If the well has failed any of the specified tests, or the annular pressure system exhibits leaks, the MIT report shall include a plan for corrective action for all discovered deficiencies. *62-528.440(5)(b), F.A.C.]*

C. Surface Equipment

1. The integrity of the monitor zone sampling systems shall be maintained at all times. Sampling lines shall be clearly and unambiguously identified by monitor zone at the point at which samples are drawn. All reasonable and prudent precautions shall be taken to ensure that samples are properly identified by monitor zone and that samples obtained are representative of those zones. Sampling lines and equipment shall be kept free of contamination with independent discharges and no interconnections with any other lines. *[62-528.307(1)(f) and 62-528.307(3)(b), F.A.C.]*
2. The surface equipment for each injection well disposing of domestic (municipal) effluent shall maintain compliance with Rule 62**-**600.540(5), F.A.C., for water hammer control, screening, access for logging and testing, and reliability and flexibility in the event of damage to the well and effluent piping. *[62-600.540(5), 62-528.307(1)(f), and 62-528.307(3)(b), F.A.C.]*
3. Injection wells not disposing of domestic (municipal) effluent shall maintain compliance with Rule 62**-**528.450(2)(j), F.A.C., for water hammer control, as well as access for logging and testing, and reliability and flexibility in the event of damage to the well and effluent piping. *[62-528.450(2)(j), 62-528.307(1)(f), and 62-528.307(3)(b), F.A.C.]*
4. The surface equipment and piping for the injection and monitor wells shall be kept free of corrosion at all times. *[62-528.307(1)(f) and 62-528.307(3)(b), F.A.C.]*
5. Spillage onto the injection well pad(s) during construction activities, and any waters spilled during mechanical integrity testing, maintenance, testing, or repairs to the system(s) shall be contained on the pad(s) and directed to a sump which in turn discharges to the pumping station wet well, or via other approved means to the injection well system, or by another method approved by the Department. *[62-528.307(1)(f) and 62-528.307(3)(b), F.A.C.]*
6. The injection well pads are not, unless specific approval is obtained from the Department, to be used for storage of any material or equipment at any time. *[62-528.307(1)(f) and 62-528.307(3)(b), F.A.C.]*
7. The surficial aquifer monitor wells adjacent to the injection and monitor wells shall be secured, maintained, and retained in service for subsequent sampling that may be needed (e.g., should there be an accidental discharge to the surficial aquifer); alternatively, the facility may submit a request to the Department for cessation of

sampling followed by capping, or plugging and abandonment of these wells. *[62-528.307(3)(b) and 62-520.600(6)(k), F.A.C.]*

II. Quality Assurance/Quality Control

1. The permittee shall ensure that the operation of this injection well system shall be as described in the application and supporting documents. Any proposed modifications to the permit, construction procedures, testing procedures, completion procedures, operation procedures, or any additional work not described in the application or supporting documents shall be submitted in writing to the APP Tallahassee office for review and clearance prior to implementation. Changes of negligible impact to the environment and staff time will be reviewed by the program manager, cleared when appropriate and incorporated into this permit. Changes or modifications other than those described above will require submission of a completed application and appropriate processing fee as per Rule 62-4.050, F.A.C. *[62-4.050, F.A.C.]*
2. Proper operation and maintenance include effective performance and appropriate quality assurance procedures; adequate operator staffing and training; and adequate laboratory and process controls. *[62-528.307(3)(b), F.A.C.]*
3. All water quality samples required by this permit shall be collected in accordance with the appropriate Department Standard Operation Procedures (SOP), pursuant to Rule 62-160.210, F.A.C., *Approved Field Procedures*. A certified laboratory shall conduct the analytical work, as provided by Rule 62-160.300, F.A.C., *Laboratory Certification*. Department approved test methods shall be utilized, unless otherwise stated in this permit. All calibration procedures for field testing and laboratory equipment shall follow manufacturer's instrumentation manuals and satisfy the requirements of the Department SOPs. A listing of the SOPs pertaining to field and laboratory activities is available at the Department's website: https://floridadep.gov/dear/quality-assurance/content/dep-sops. *[62-4.246, 62-160, F.A.C.]*
4. All indicating, recording and totalizing devices associated with the injection well system shall be maintained in good operating condition and calibrated annually at a minimum. The pressure gauges, flow meter, and chart recorders shall be calibrated using standard engineering methods. *[62-528.307(1)(f) and 62-528.307(3)(b), F.A.C.]*
5. All applications, reports, and submittals of other information required by the Department shall be certified as being true, accurate, and complete. *[62-528.307(1)(n), F.A.C.]* Documents submitted to satisfy the requirements of this permit shall be signed by a person authorized under Rule 62-528.340(1), F.A.C., or a duly authorized representative of that person under Rule 62-528.340(2), F.A.C. All documents required by this permit which are submitted to the Department shall contain the following certification as required by Rule 62-528.340(4), F.A.C.:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. *[62-528.340(1), (2), and (4), F.A.C.]*

6. Analyses shall be conducted on unfiltered samples, unless filtered samples have been approved by the Department as being more representative of ground water conditions. *[62-520.310(5), F.A.C.]*
7. An updated operation and maintenance manual, including a description of surge and water hammer control, shall be submitted to the Department within 60 days of the issuance of this permit if requested by the Department during the permit application process and was not already submitted. *[62-528.415(3), F.A.C.]*

III. Testing and Reporting Requirements

A. General

1. The permittee shall submit monthly to the Department the results of all injection well and monitor well data required by this permit no later than the last day of the month immediately following the month of record. The report shall include:
   a. A cover page summarizing the current status of all monthly activities, including, but not limited to, the certification and signature required in Specific Condition Number II.5 above.
   b. Operational and water quality data in a tabular format. The following identifying information must be included on each data sheet:
      i. Facility Name
      ii. Well Name
      iii. UIC Permit Number
      iv. WACS Facility ID
      v. WACS Testsite ID on the appropriate data sheet (as provided in Table 1 and Table 2).
   c. Laboratory pages and original supporting documentation including DEP Form FD 9000-24, *Groundwater Sampling Log*, for the purging of each monitor well.

   [62-528.307(3)(d), F.A.C.]
2. The report may be sent via electronic mail in Adobe™ (.pdf) format to the following Program e-mail addresses:

   South District — SouthDistrict@FloridaDEP.gov
   Aquifer Protection Program — TAL_UIC@FloridaDEP.gov

   If a paper copy of the report is submitted, it should be sent to Department staff at the following addresses:

South District	2295 Victoria Avenue, Suite 364 Ft. Myers, Florida 33901-3875
Aquifer Protection Program	2600 Blair Stone Road, MS 3530 Tallahassee, Florida 32399-2400

[62-528.307(3)(d), F.A.C.]

B. Monitoring

1. The injection system shall be monitored in accordance with Rules 62-528.425 and 62-528.430, F.A.C. The following injection well performance data and monitor zone data shall be recorded and reported in the *Monthly Operating Report* (MOR) as indicated below. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. *[62-528.425, 62-528.430, F.A.C.]*
   a. Monthly (M) samples and measurements shall be taken as close to 30 days apart as possible.
   b. Quarterly (Q) samples and measurements shall be taken during the following quarters:
      - January 1 – March 31
      - April 1 – June 30
      - July 1 – September 30
      - October 1 – December 31

      Samples and measurements collected during consecutive quarters shall be taken at least 30 days apart. A MOR including quarterly results shall be noted as such on the title page of the report.
   c. Annual (A) samples and measurements
      - The period for reports of annual samples and measurements shall be for the calendar year ending December 31.

      Annual samples and measurements taken in consecutive years shall be taken at least 6 months apart and as close to a year apart as possible. If a MOR includes annual results, it shall be noted as such on the title page of the report.

   [62-528.307(1)(m) F.A.C.]
2. The permittee shall submit the results of all injection well and monitor well data required by this permit to the Department no later than the last day of the month immediately following the month of record. [62-528.307(2)(d)]
3. Technical malfunctions and emergencies that interfere with the sampling schedule can be explained in the comment section of the MOR. The explanation shall include what issues occurred, how long it will take to address the issues, and an estimated time when the samples and measurements will be completed and submitted.

Table 3
Monitoring Schedule

Parameter	Unit	Recording Frequency or Sampling Method	Frequency of Analyses		
			IW-1 *9168*	DZMW-1 Upper Zone *21178A*	DZMW-1 Lower Zone *21178B*
Injection Pressure, Max.	psi	Continuous	D/M [a]		
Injection Pressure, Min.	psi	Continuous	D/M [a]		
Injection Pressure, Avg.	psi	Continuous	D/M [a]		
Flow Rate, Max.	gpm	Continuous	D/M [a]		
Flow Rate, Min.	gpm	Continuous	D/M [a]		
Flow Rate, Avg.	gpm	Continuous	D/M [a]		
Volume Injected per Well	MG	Daily/Monthly	D/M		
Pressure or Water Level, Max.	psi or ft NAVD	Continuous		D/M [a]	D/M [a]
Pressure or Water Level, Min.	psi or ft NAVD	Continuous		D/M [a]	D/M [a]
Pressure or Water Level, Avg.	psi or ft NAVD	Continuous		D/M [a]	D/M [a]
pH [b]	standard units	Grab/Purge	M	M	M
Specific Conductance [b]	µmhos/cm	Grab/Purge	M	M	M
Temperature [b]	°C	Grab/Purge	M	M	M
Dissolved Oxygen [b]	mg/L	Grab/Purge		M	M
Turbidity [b]	NTU	Grab/Purge		M	M
Chloride	mg/L	Grab/Purge	M	M	M
Sulfate	mg/L	Grab/Purge	M	M	M
Total Dissolved Solids	mg/L	Grab/Purge	M	M	M
Nitrate + Nitrite as N	mg/L	Grab/Purge	M	M	M
Ammonia as N	mg/L	Grab/Purge	M	M	M
Total Kjeldahl Nitrogen	mg/L	Grab/Purge	M	M	M
Total Phosphorus as P	mg/L	Grab/Purge	M	M	M
Total Organic Carbon (TOC)	mg/L	Grab/Purge	M	M	M
Total Organic Halogen (TOX)	mg/L	Grab/Purge	M	M	M
Bicarbonate	mg/L	Grab/Purge	Q	Q	Q
Calcium	mg/L	Grab/Purge	Q	Q	Q
Total Iron	mg/L	Grab/Purge	Q	Q	Q
Magnesium	mg/L	Grab/Purge	Q	Q	Q
Potassium	mg/L	Grab/Purge	Q	Q	Q
Sodium	mg/L	Grab/Purge	Q	Q	Q
Primary & Secondary Drinking Water Standards, Source Water		[c]	A		

D - Daily; M - Monthly; Q – Quarterly; A – Annually
[a] - Operational data reporting for flows, pressures and water levels: daily maximum, minimum and average from continuous reporting; monthly maximum, minimum and average (calculated from daily averages).
[b] - Field samples
[c] - Composite and grab samples, as appropriate.
Refer to Table 1, Table 2, and above for the appropriate WACS testsite IDs to be used for reporting.

4. A laboratory analysis of the injectate for the Primary and Secondary Drinking Water Standards of Chapter 62-550, F.A.C., shall be submitted annually. The report of analysis shall be submitted in accordance with Specific Condition II.5 of this permit. See the attachment to this permit for the parameters.
   a. For facilities permitted to inject domestic wastewater, the domestic wastewater annual sample results may be the same as submitted for the domestic wastewater program if taken within the last 12 months. Primary and Secondary

Drinking Water Standards of Chapter 62-550, F.A.C., not included in the domestic wastewater annual sample requirements shall be included in the same sample or in a separate sample. If not required annually for the domestic wastewater program, a separate sample shall be taken and reported for this permit. The samples shall be composite and grab samples as appropriate for the domestic wastewater program. The permittee may choose to take a combined annual sample from multiple domestic waste streams if they are authorized for injection in this permit.

b. For facilities permitted to inject water other than domestic wastewater, the source water samples shall not be combined with domestic wastewater samples. The samples shall be grab samples. The permittee may choose to take a combined annual sample from multiple non-domestic waste streams if they are authorized for injection in this permit.
c. The report should be sent to the addresses in Specific Condition III.A.2
d. For renewal of this permit, the permittee shall submit a separate laboratory analysis for each permitted injectate.

[62-528.425(1)(a), F.A.C.]

5. A specific injectivity test shall be performed quarterly on the injection well as required by Rule 62-528.430(2)(b)1.b., F.A.C. Pursuant to Rule 62-528.430(2)(d), F.A.C, the specific injectivity test shall be performed with the pumping rate to the well set at a predetermined level and reported as the specific injectivity index (gallons per minute/specific pressure). The pumping rate to be used shall be based on the expected flow, the design of the pump types, and the type of pump control used. As part of this test, the well shall be shut-in for a period of time necessary to conduct a valid observation of pressure fall-off. The specific injectivity and pressure fall-off test data shall be submitted along with the monitoring results of the injection and monitor well data. *[62-528.430(2)(b)1.b. and (d), F.A.C.]*
6. Monitor well purging and field stabilization parameter measurement is required prior to the collection of laboratory samples for the MORs. The facility shall conduct the monitor well sampling following the monitor well sampling protocols specified in FS 2200-*Groundwater Sampling* in the DEP-SOP-001/01 Standard Operating Procedures for Field Activities. The results of the purging techniques and field stabilization parameters shall be provided on DEP Form FD 9000-24 or a similar alternative approved by the Department, and the completed forms shall be submitted to the Department with the MORs.
    a. Calculate the volume of water in the well casing (or sample pipe if installed), and the monitoring interval. For dual zone monitor wells, calculate the upper monitor zone volume with allowance for reduced volume due to the hollow cylinder created by the lower zone tubing. Purge until the water level has stabilized (when the well recovery rate equals the purge rate), purging a minimum of one well volume, and then collect the first set of stabilization parameters.
    b. Thereafter, collect stabilization parameters after every ¼ well volume beyond the initial one volume.

c. Purging shall be complete when three consecutive readings of the parameters listed below are within the following ranges[1] **and** a minimum of 1.5 well casing volumes of fluid since the beginning of purging have been evacuated from the monitor well:
    - pH: ± 0.2 Standard Units
    - Specific Conductance: ± 5.0% of reading
    - Temperature: ± 0.2° C
    - Dissolved Oxygen: ≤ 20% Saturation or ± 0.2 mg/L
    - Turbidity: ≤20 NTU

d. If necessary, continue to take the above readings every additional ¼ well volume until three consecutive readings meet the above criteria.

e. Typical field conditions may not allow the temperature parameter to be met. If all the other purging criteria have stabilized, the sampling team leader may decide whether to collect a sample if the temperature criteria has not been met (DEP SOP FS2212 Section 3.6). Documentation as to why the sample was collected without meeting a field parameter must be recorded in the ground water sampling log.

f. If three consecutive ¼ well volume readings have not reached the stabilization criteria listed above by the time the fifth well volume has been reached, the monitor well sample shall be taken, and document the reason(s) in the ground water sampling log.

g. If a sampling pipe is used for purging, the sampling pipe volume will substitute for the well casing volume.

The Department will consider an alternate purging method meeting monitor well sampling protocol in DEP-SOP-001/01 FS 2200 *Groundwater Sampling* where the above procedure causes a hardship to the facility. The permittee shall request an alternate method and receive written Department approval before implementing it. *[62-160.210(1) and 62-528.430(2), F.A.C.]*

7. The flow from the monitor zones during well evacuation and sampling shall not be discharged to surface waters or aquifers containing an underground source of drinking water. Waters purged from monitor wells in preparation for sampling shall be diverted to the injection wellhead via the pad drainage system, wet well, or treatment plant. *[62-4.030 and 62-620.320, F.A.C.]*

IV. Abnormal Events

1. In the event the permittee is temporarily unable to comply with any of the conditions of a permit due to breakdown of equipment, power outages or destruction by hazard of fire, wind, or by other cause, the permittee of the facility shall notify the South District office. *[62-528.415(4)(a), F.A.C.]*

2. Notification shall be made in person, by telephone, or by electronic mail (e-mail) within 24 hours from the time the permittee becomes aware of a breakdown or malfunction to the South District office. *[62-528.307(1)(x), F.A.C.]*

[1] Provided dissolved oxygen in the groundwater of the zone being monitored is ≤ 20% of saturation for the measured temperature and turbidity is ≤ 20 NTUs**.** This assumption holds true for groundwater in most zones of the Floridan aquifer.

3. A written report of any noncompliance referenced in Specific Condition Number IV.1 above shall be submitted to the South District office and the APP Tallahassee office within five days after its occurrence. The report shall describe the nature and cause of the breakdown or malfunction, the steps being taken or planned to be taken to correct the problem and prevent its reoccurrence, emergency procedures in use pending correction of the problem, and the time when the facility will again be operating in accordance with permit conditions. *[62-528.415(4)(b), F.A.C.]*

4. **Reporting Requirements**

The permittee shall report to the Department's South District any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

a. The following shall be included as information which must be reported within 24 hours under this condition:
   1) Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
   2) Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
   3) Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
   4) Any unauthorized discharge to surface or ground waters.

b. Oral reports as required by this subsection shall be provided as follows:
   1) For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph (a)4. that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the **State Watch Office Toll-Free Number** 800-320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Watch Office:
      a) Name, address, and telephone number of the person reporting;
      b) Name, address, and telephone number of permittee or responsible person for the discharge;
      c) Date and time of the discharge and status of discharge (ongoing or ceased);
      d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
      e) Estimated amount of the discharge;
      f) Location or address of the discharge;

g) Source and cause of the discharge;

h) Whether the discharge was contained on-site, and cleanup actions taken to date;

i) Description of area affected by the discharge, including name of water body affected, if any; and

j) Other persons or agencies contacted

2) Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department's South District within 24 hours from the time the permittee becomes aware of the circumstances.

c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department's South District shall waive the written report.

[403.077(2)(d), F.S., 62-528.307(1)(e) and 62-528.307(1)(x), F.A.C.]

5. **Pollution Notification**

a. In accordance with subsection 403.077, F.S., in the event of a reportable pollution release, an owner or operator of the installation at which the reportable pollution release occurs must provide to the department information reported to the State Watch Office within the Division of Emergency Management pursuant to any department rule, permit, order, or variance, within 24 hours after the owner's or operator's discovery of such reportable pollution release. The Department's Pollution Notice website is at https://floridadep.gov/pollutionnotice.

b. If multiple parties are subject to the notification requirements based on a single reportable pollution release, a single notification made by one party in accordance with this section constitutes compliance on behalf of all parties subject to the requirement. However, if the notification is not made in accordance with this section, the department may pursue enforcement against all parties subject to the requirement.

c. If, after providing notice pursuant to paragraph (a), the owner or operator of the installation determines that a reportable pollution release did not occur or that an amendment to the notice is warranted, the owner or operator may submit a letter to the department documenting such determination.

d. If, after providing notice pursuant to paragraph (a), the installation owner or operator discovers that a reportable pollution release has migrated outside the property boundaries of the installation, the owner or operator must provide an additional notice to the department that the release has migrated outside the property boundaries within 24 hours after its discovery of the migration outside of the property boundaries.

[403.077(2)(d), F.S., 62-528.307(1)(e) and 62-528.307(1)(x), F.A.C.]

V. Emergency Disposal

1. All applicable federal, state and local permits must be in place to allow for any alternate discharges due to emergency or planned outage conditions. *[62-528.415(4)(c)1, F.A.C.]*

2. Any proposed changes in emergency disposal methods shall be submitted to the South District office and the APP Tallahassee office for review and approval prior to implementation. *[62-528.415(4)(c), F.A.C.]*
3. The emergency disposal method must be fully operational in the event of planned or emergency outages of the injection well system. *[62-528.415(4)(c)2, F.A.C.]*

VI. Financial Responsibility

1. The permittee shall maintain at all times the financial resources necessary to close, plug, and abandon the injection and associated monitor wells. *[62-528.435(9), F.A.C.]*
2. The permittee shall annually review the cost estimate for plugging and abandonment. Upon the occurrence of the plugging and abandonment cost estimate exceeding, by 10 percent or more on an annual basis, the cost estimate upon which the current financial responsibility is based, the permittee shall submit to the Department certified financial documentation necessary to amend, renew, or otherwise replace the existing financial responsibility pursuant to Rule 62-528.435(9)(b), F.A.C. and the conditions of this permit. *[62-528.435(9)(b), F.A.C.]*
3. In the event that the mechanism used to demonstrate financial responsibility should become insufficient or invalid for any reason, the permittee shall notify the APP Tallahassee office in writing within 14 days of such insufficiency or invalidation. The permittee shall within 90 days of said notification submit to the APP Tallahassee office for approval new financial documentation certifying either the remedy of current financial insufficiency or resolution of the financial instrument invalidation to comply with Rule 62-528.435(9)(b), F.A.C, and the conditions of this permit. *[62-528.435(9)(b), F.A.C.]*

General Conditions

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are "permit conditions" and are binding and enforceable pursuant to section 403.141, F.S. *[62-528.307(1)(a), F.A.C.]*
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action. *[62-528.307(1)(b), F.A.C.]*
3. As provided in subsection 403.087(7), F.S., the issuance of this permit does not convey any vested rights or exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit. *[62-528.307(1)(c), F.A.C.]*
4. This permit conveys no title to land, water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-528.307(1)(d), F.A.C.]*

5. This permit does not relieve the permittee from liability for harm to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties there from; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. *[62-528.307(1)(e), F.A.C.]*
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, or are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules. *[62-528.307(1)(f), F.A.C.]*
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
   a. Have access to and copy any records that must be kept under conditions of this permit;
   b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
   c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.
   d. Reasonable time will depend on the nature of the concern being investigated.

   [62-528.307(1)(g), F.A.C.]
8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
   a. A description of and cause of noncompliance; and
   b. The period of noncompliance, including dates and times; or, if not corrected the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent the recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

   [62-528.307(1)(h), F.A.C.]
9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is proscribed by sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules. *[62-528.307(1)(i), F.A.C.]*
10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee

does not waive any other rights granted by Florida Statutes or Department rules. *[62-528.307(1)(j), F.A.C.]*

11. This permit is transferable only upon Department approval in accordance with rules 62-4.120 and 62-528.350, F.A.C. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department. *[62-528.307(1)(k), F.A.C.]*
12. This permit or a copy thereof shall be kept at the work site of the permitted activity. *[62-528.307(1)(l), F.A.C.]*
13. The permittee shall comply with the following:
    a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records shall be extended automatically unless the Department determines that the records are no longer required.
    b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
    c. Records of monitoring information shall include:
        1) The date, exact place, and time of sampling or measurements;
        2) The person responsible for performing the sampling or measurements;
        3) The dates analyses were performed;
        4) The person responsible for performing the analyses;
        5) The analytical techniques or methods used;
        6) The results of such analyses.
    d. The permittee shall furnish to the Department, within the time requested in writing, any information which the Department requests to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit.
    e. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

    [62-528.307(1)(m), F.A.C.]
14. All applications, reports, or information required by the Department shall be certified as being true, accurate, and complete. *[62-528.307(1)(n), F.A.C.]*
15. Reports of compliance or noncompliance with, or any progress reports on, requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each scheduled date. *[62-528.307(1)(o), F.A.C.]*

16. Any permit noncompliance constitutes a violation of the Safe Drinking Water Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. *[62-528.307(1)(p), F.A.C.]*
17. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-528.307(1)(q), F.A.C.]*
18. The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit. *[62-528.307(1)(r), F.A.C.]*
19. This permit may be modified, revoked and reissued, or terminated for cause, as provided in 40 C.F.R. sections 144.39(a), 144.40(a), and 144.41 (1998). The filing of a request by the permittee for a permit modification, revocation or reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition. *[62-528.307(1)(s), F.A.C.]*
20. The permittee shall retain all records of all monitoring information concerning the nature and composition of injected fluid until five years after completion of any plugging and abandonment procedures specified under rule 62-528.435, F.A.C. The permittee shall deliver the records to the Department office that issued the permit at the conclusion of the retention period unless the permittee elects to continue retention of the records. *[62-528.307(1)(t), F.A.C.]*
21. All reports and other submittals required to comply with this permit shall be signed by a person authorized under rules 62-528.340(1) or (2), F.A.C. All reports shall contain the certification required in rule 62-528.340(4), F.A.C. *[62-528.307(1)(u), F.A.C.]*
22. The permittee shall notify the Department as soon as possible of any planned physical alterations or additions to the permitted facility. In addition, prior approval is required for activities described in rule 62-528.410(1)(h). *[62-528.307(1)(v), F.A.C.]*
23. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or injection activity which may result in noncompliance with permit requirements. *[62-528.307(1)(w), F.A.C.]*
24. The permittee shall report any noncompliance which may endanger health or the environment including:
    a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to an underground source of drinking water; or
    b. Any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

    Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause, the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and the steps

taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. *[62-528.307(1)(x), F.A.C.]*

Issued this 16th day of October 2024

State of Florida
Department of Environmental Protection

Richard Lobinske

Richard Lobinske, Ph.D.
Environmental Administrator
Underground Injection Control
Aquifer Protection Program
Division of Water Resource Management

FLORIDA DEPARTMENT OF Environmental Protection

South District Office
2295 Victoria Ave, Suite 364
Ft. Myers, Florida 33901-3875

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

February 11, 2021

In the Matter of an
Application for Permit by:

Bonita Springs Utilities, Inc.
Kim Hoskins
11860 E Terry St
Bonita Springs, Florida 34135-6127
khoskins@bsu.us

Lee County – Domestic Wastewater
File Number FLA014443-037-DW1P
Bonita Springs Water Reclamation (West)

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number FLA014443 to operate the Bonita Springs Water Reclamation (West), issued under Chapter 403**,** Florida Statutes.

Monitoring requirements under this permit are effective on August 1, 2021. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

Petition for Administrative Hearing
A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;
(b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative,

if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;

(c) A statement of when and how the petitioner received notice of the agency decision;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;

(f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and

(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@FloridaDEP.gov. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the notice or within 14 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise provided to all persons substantially affected by the decision. While you are not required to publish notice of this action, you may elect to do so pursuant Rule 62-110.106(10)(a), F.A.C.

The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C. If you do not publish notice of this action, this waiver may not apply to persons who have not received a clear point-of-entry.

Extension of Time

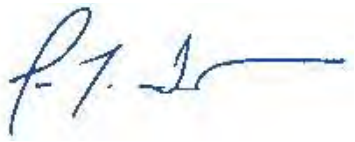
Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@FloridaDEP.gov, before the deadline

for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation
Mediation is not available in this proceeding.

Judicial Review
Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.

EXECUTION AND CLERKING
Executed in Ft. Myers, Florida.
STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



_____
Jon M. Iglehart
Director of District Management

Attachment:
Permit No. FLA014443-037

CERTIFICATE OF SERVICE
The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

Diana Francois, P.E., Jacobs Engineering Group, Inc., diana.francois@jacobs.com

FILING AND ACKNOWLEDGMENT
FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.

February 11, 2021

Clerk Date

FLORIDA DEPARTMENT OF Environmental Protection

South District Office
2295 Victoria Ave, Suite 364
Ft. Myers, Florida 33901-3875

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

STATE OF FLORIDA
DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:
Bonita Springs Utilities, Inc.

RESPONSIBLE OFFICIAL:
Kim Hoskins
11860 E. Terry St
Bonita Springs, Florida 34135- 6127
(239) 390-4834
KHoskins@bsu.us

PERMIT NUMBER: FLA014443
FILE NUMBER: FLA014443-037-DW1P
ISSUANCE DATE: **February 11, 2021**
EFFECTIVE DATE: **June 17, 2021**
EXPIRATION DATE: **June 16, 2026**

FACILITY:
Bonita Springs Water Reclamation (West)
Ten Eight St
Bonita Springs, FL 34134-7419
Lee County
Latitude: 26°22' 29.45" N Longitude: 81°48' 14.93" W

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and applicable rules of the Florida Administrative Code (F.A.C.). This permit does not constitute authorization to discharge wastewater other than as expressly stated in this permit. The above-named permittee is hereby authorized to operate the facilities in accordance with the documents attached hereto and specifically described as follows:

WASTEWATER TREATMENT:

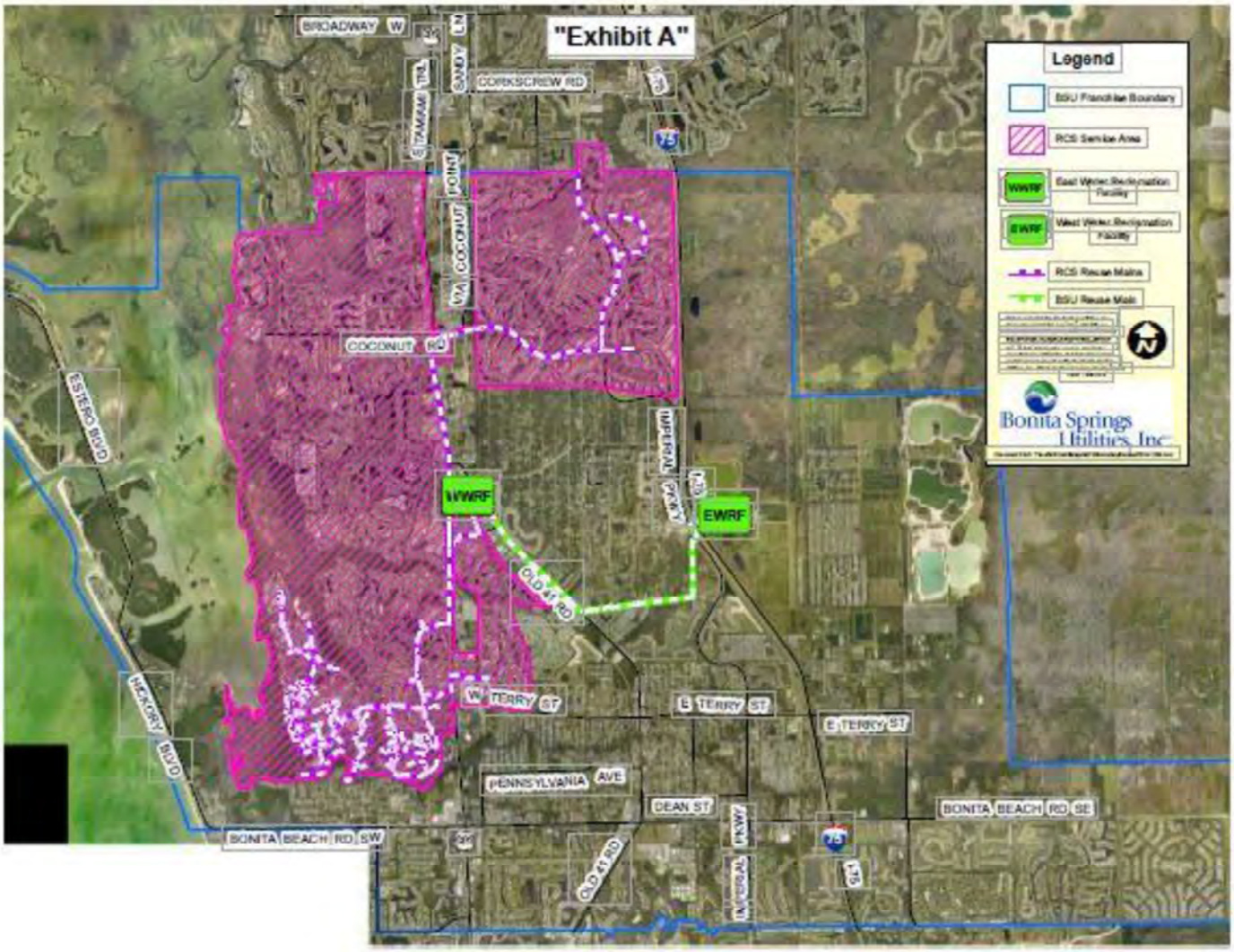
The facility is a conventional activated sludge process domestic wastewater treatment plant. The permitted capacity for the maximum monthly average daily flow (MMADF) is 7.000 million gallons per day (MGD). This facility consists of an odor control system for the headworks, flow splitter, and master lift station; two mechanical bar screens, one manual bar screen, two grit removal systems, flow distribution basin, four oxidation ditches, four secondary clarifiers, two filter units with six filter cells each; four chlorine contact chambers; and a four disinfection basins; one reject holding pond, and one wet weather storage pond. The facility pipes waste activated sludge to the Bonita Springs Utilities East WRF.

REUSE OR DISPOSAL:

Underground Injection U-001: An existing 7.920 MGD monthly average daily flow permitted capacity reuse system discharging to an underground injection well system consisting of one Class I underground injection well permitted under Department permit number 190919-005-UO/1M, WACS ID Number 88435, discharging to Class G-IV ground water. Underground Injection Well System U-001 is located approximately at latitude 26°22' 27" N, longitude 81°48' 14" W.

Land Application R-001: An existing 9.749 MGD monthly average daily flow permitted capacity slow-rate public access system. R-001 is a reuse system which consists of the Resource Conservation Systems (RCS) area as shown in the aerial view “Exhibit A” on the following page.

The following ground water sources may be used to augment the supply of reclaimed water: Ground water.



IN ACCORDANCE WITH: The limitations, monitoring requirements, and other conditions set forth in this cover sheet and Part I through Part IX on pages 1 through 21 of this permit.

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Underground Injection Control Systems

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to an Underground Injection Well System U-001, located approximately at latitude 26° 22' 27", longitude 81° 48' 14". Such reclaimed water shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.C.8:

			Reclaimed Water Condition		Monitoring Requirements			
Parameter	Units	Max. /Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Flow	MGD	Max	7.920	Daily Maximum	Continuous	Recording Flow Meter with Totalizer	FLW-01	See I.A.4
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	5 Days /Week	24-hr FPC	EFA-01	
Solids, Total Suspended	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	5 Days /Week	24-hr FPC	EFB-01 and EFB-02	
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	Continuous	Meter	EFA-01	See I.A.3

2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I.A.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-01	Flow meter at the well head.
EFA-01	North or South Wet Well of the Plant Effluent Pump Station prior to reuse storage, reject storage and/or public access reuse sites.
EFB-01	Filter weir overflow from the South unit prior to inlet of chlorine contact chamber.
EFB-02	Filter weir overflow from North unit prior to inlet of chlorine contact chamber.

3. Hourly measurement of pH during the period of required operator attendance may be substituted for continuous measurement. *[62-600.660(1)]*

4. A Recording Flow Meter with Totalizer shall be utilized to measure flow and calibrated at least once every 12 months. *[62-600.200(25)]*

5. The treatment facilities shall be operated in accordance with all approved operating protocols. Only reclaimed water that meets the criteria established in the approved operating protocol(s) may be released to system storage or to the reuse system. Reclaimed water that fails to meet the criteria in the approved operating protocol(s) shall be directed to reject storage for subsequent additional treatment or disinfection or to the following permitted alternate discharge system: UIC injection well, U-001. *[62-610.320(6) and 62-610.568(7)]*

B. Reuse and Land Application Systems

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to supplement reclaimed water with Ground Water and direct reclaimed water to Reuse

System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.C.8:

			Reclaimed Water Limitations		Monitoring Requirements			
Parameter	Units	Max. /Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Flow	MGD	Max Max	9.749 Report	Monthly Average Annual Average	Continuous	Calculated	CAL-04	
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	5 Days /Week	24-hr FPC	EFA-01	
Solids, Total Suspended	mg/L	Max	5.0	Single Sample	4 Days /Week	Grab	EFB-01 and EFB-02	
Coliform, Fecal	#/100mL	Max	25	Single Sample	4 Days /Week	Grab	EFA-01	
Coliform, Fecal, % less than detection	percent	Min	75	Monthly Total	4 Days /Week	Calculated	EFA-01	See I.B.4
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	Continuous	Meter	EFA-01	See I.B.3
Chlorine, Total Residual (For Disinfection)	mg/L	Min	1.0	Single Sample	Continuous	Meter	EFA-01	See I.B.5 and I.B.8
Turbidity	NTU	Max	Report	Single Sample	Continuous	Meter	EFB-01 and EFB-02	See I.B.6 and I.B.8
Nitrogen, Total	mg/L	Max	Report	Single Sample	Monthly	Grab	EFB-01 and EFB-02	
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	Monthly	24-hr FPC	EFB-01 and EFB-02	
Giardia	cysts/100 L	Max	Report	Single Sample	Every 2 years	Grab	EFA-01	See I.B.9
Cryptosporidium	oocysts/100L	Max	Report	Single Sample	Every 2 years	Grab	EFA-01	See I.B.9

2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I.B.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
CAL-04	The sum of the flows to the East WRF and the West WRF minus the flow to the well.
EFA-01	North or South Wet Well of the Plant Effluent Pump Station prior to reuse storage, reject storage and/or public access reuse sites.
EFB-01	Filter weir overflow from the South unit prior to inlet of chlorine contact chamber.
EFB-02	Filter weir overflow from North unit prior to inlet of chlorine contact chamber.

3. Hourly measurement of pH during the period of required operator attendance may be substituted for continuous measurement. *[62-600.660(1)]*

4. To report the "% less than detection," count the number of fecal coliform observations that were less than detection, divide by the total number of fecal coliform observations in the month, and multiply by 100% (round to the nearest integer). *[62-600.440(6)(a)]*

5. The minimum total chlorine residual shall be limited as described in the approved operating protocol, such that the permit limitation for fecal coliform bacteria will be achieved. In no case shall the total chlorine residual be less than 1.0 mg/L. *[62-600.440(6)(b)][62-610.460(2)][62-610.463(2)]*

6. The maximum turbidity shall be limited as described in the approved operating protocol, such that the permit limitations for total suspended solids and fecal coliforms will be achieved. *[62-610.463(2)]*

7. The treatment facilities shall be operated in accordance with all approved operating protocols. Only reclaimed water that meets the criteria established in the approved operating protocol(s) may be released to system storage or to the reuse system. Reclaimed water that fails to meet the criteria in the approved operating protocol(s) shall be directed to reject storage for subsequent additional treatment or disinfection or to the following permitted alternate discharge system: UIC injection well. *[62-610.320(6) and 62-610.463(2)]*

8. Instruments for continuous on-line monitoring of total residual chlorine and turbidity shall be equipped with an automated data logging or recording device. *[62-610.463(2)]*

9. Intervals between sampling for Giardia and Cryptosporidium shall not exceed two years. *[62-610.472(3)(d)]*

C. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.C.8:

			Limitations		Monitoring Requirements			
Parameter	Units	Max. /Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Flow	MGD	Max Max	7.000 Report	Monthly Average 3-Month Rolling Average	Continuous	Recording Flow Meter with Totalizer	FLW-03	See I.C.4
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	3-Month Rolling Average	Monthly	Calculated	CAL-01	
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	5 Days/Week	24-hr FPC	INF-01	See I.C.3
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	5 Days/Week	24-hr FPC	INF-01	See I.C.3

2. Samples shall be taken at the monitoring site locations listed in Permit Condition I.C.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-03	Influent flow meter with totalizer and recorder located at the influent line going to the headworks.
CAL-01	Calculated from the FLW-03 flow measurements.
INF-01	Influent sample point taken from the influent line going to the headworks.

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. *[62-600.660(4)(a)]*

4. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. *[62-600.200(25)]*

5. The sample collection, analytical test methods, and method detection limits (MDLs) applicable to this permit shall be conducted using a sufficiently sensitive method to ensure compliance with applicable water quality

standards and effluent limitations and shall be in accordance with Rule 62-4.246, Chapters 62-160 and 62-600, F.A.C., and 40 CFR 136, as appropriate. The list of Department established analytical methods, and corresponding MDLs (method detection limits) and PQLs (practical quantitation limits), which is titled "FAC 62-4 MDL/PQL Table (November 10, 2020)" is available at https://floridadep.gov/dear/quality-assurance/content/quality-assurance-resources. The MDLs and PQLs as described in this list shall constitute the minimum acceptable MDL/PQL values and the Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those described above unless alternate MDLs and/or PQLs have been specifically approved by the Department for this permit. Any method included in the list may be used for reporting as long as it meets the following requirements:

a. The laboratory's reported MDL and PQL values for the particular method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;

b. The laboratory reported MDL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide an MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and

c. If the MDLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated MDL shall be used.

When the analytical results are below method detection or practical quantitation limits, the permittee shall report the actual laboratory MDL and/or PQL values for the analyses that were performed following the instructions on the applicable discharge monitoring report.

Where necessary, the permittee may request approval of alternate methods or for alternative MDLs or PQLs for any approved analytical method. Approval of alternate laboratory MDLs or PQLs are not necessary if the laboratory reported MDLs and PQLs are less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Approval of an analytical method not included in the above-referenced list is not necessary if the analytical method is approved in accordance with 40 CFR 136 or deemed acceptable by the Department. *[62-4.246, 62-160]*

6. The permittee shall provide safe access points for obtaining representative samples which are required by this permit. *[62-600.650(2)]*

7. Monitoring requirements under this permit become effective on August 1, 2021. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e. monthly, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Unless specified otherwise in this permit, monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below. DMRs shall be submitted for each required monitoring period including periods of no discharge.

REPORT Type on DMR	Monitoring Period	Submit by
Monthly	First day of month - last day of month	28th day of following month
Quarterly	January 1 - March 31 April 1 - June 30 July 1 - September 30 October 1 - December 31	April 28 July 28 October 28 January 28
Semiannual	January 1 - June 30 July 1 - December 31	July 28 January 28
Annual	January 1 - December 31	January 28

The permittee shall submit the completed DMR to the Department by the twenty-eighth (28th) of the month following the month of operation. Please contact the Department at (239) 344-5600 if you are unable to submit the completed DMR electronically using the EzDMR system.

The Department electronic EzDMR system at the time of permit issuance is available through the DEP Business Portal at: http://www.fldepportal.com/go/submit-report/

[62-620.610(18)][62-600.680(1)]

8. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., (except for asbestos, total coliform, color, odor, and residual disinfectants). These monitoring results shall be reported to the Department annually on the DMR. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted with the signed DMR in lieu of performing the analysis. When such a certification is submitted with the DMR, monitoring not required this period should be noted on the DMR. The annual reclaimed water or effluent analysis report, and certification if applicable, shall be completed and submitted in a timely manner so as to be received by the Department at the address identified on the DMR by January 28 of each year. Approved analytical methods identified in Rule 62-620.100(3)(j), F.A.C., shall be used for the analysis. If no method is included for a parameter, methods specified in Chapter 62-550, F.A.C., shall be used. *[62-600.660(2) and (3)(d)][62-600.680(2)][62-610.300(4)]*

9. The permittee shall submit an Annual Reuse Report using DEP Form 62-610.300(4)(a)2. on or before January 1 of each year. *[62-610.870(3)]*

10. Operating protocol(s) shall be reviewed and updated periodically to ensure continuous compliance with the minimum treatment and disinfection requirements. Updated operating protocols shall be submitted to the Department's South District Office for review and approval upon revision of the operating protocol(s) and with each permit application. *[62-610.320(6)][62-610.463(2)]*

11. The permittee shall maintain an inventory of storage systems. The inventory shall be submitted to the Department's South District Office at least 30 days before reclaimed water will be introduced into any new storage system. The inventory of storage systems shall be attached to the annual submittal of the Annual Reuse Report. *[62-610.464(5)]*

12. Except as otherwise specified in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to the Department in a digital format when practicable. The Department's electronic mailing address is:

    SouthDistrict@FloridaDEP.gov

    Please contact the Department at (239) 344-5600 if you are unable to submit electronically.

    [62-620.610(11)]

13. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. *[62-620.305]*

II. BIOSOLIDS MANAGEMENT REQUIREMENTS

A. Basic Requirements

1. Biosolids generated by this facility may be transferred to BSU East WRF and/or Landfill or disposed of in a Class I solid waste landfill. Transferring biosolids to an alternative biosolids treatment facility does not require a permit modification. However, use of an alternative biosolids treatment facility requires submittal of a copy of the agreement pursuant to Rule 62-640.880(1)(c), F.A.C., along with a written notification to the Department at least 30 days before transport of the biosolids. *[62-620.320(6), 62-640.880(1)]*

2. The permittee shall monitor and keep records of the quantities of biosolids generated, received from source facilities, treated, distributed and marketed, land applied, used as a biofuel or for bioenergy, transferred to another facility, or landfilled. These records shall be kept for a minimum of five years. *[62-640.650(4)(a)]*

3. Biosolids quantities shall be monitored by the permittee as specified below. Results shall be reported on the permittee's Discharge Monitoring Report for Monitoring Group RMP-Q in accordance with Condition I.C.8:

			Biosolids Limitation		Monitoring Requirements			
Parameter	Units	Max. /Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Biosolids Quantity (Landfilled)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-1	
Biosolids Quantity (Transferred)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-2	

[62-640.650(5)(a)1]

4. Biosolids quantities shall be calculated as listed in Permit Condition II.3 and as described below:

Monitoring Site Number	Description of Monitoring Site Calculations
RMP-1	Monthly Total of Biosolids Landfilled.
RMP-2	Monthly Total of Biosolids Transferred.

5. The treatment, management, transportation, use, land application, or disposal of biosolids shall not cause a violation of the odor prohibition in subsection 62-296.320(2), F.A.C. *[62-640.400(6)]*

6. Storage of biosolids or other solids at this facility shall be in accordance with the Facility Biosolids Storage Plan. *[62-640.300(4)]*

7. Biosolids shall not be spilled from or tracked off the treatment facility site by the hauling vehicle. *[62-640.400(9)]*

B. Disposal

1. Disposal of biosolids, septage, and "other solids" in a solid waste disposal facility, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. *[62-640.100(6)(b) & (c)]*

2. The permittee shall obtain a minor revision to this permit prior to land-application of biosolids. *[62-640.300(1)]*

C. Transfer

1. The permittee shall not be held responsible for treatment and management violations that occur after its biosolids have been accepted by a permitted biosolids treatment facility with which the source facility has an agreement in accordance with subsection 62-640.880(1)(c), F.A.C., for further treatment, management, or disposal. *[62-640.880(1)(b)]*

2. The permittee shall keep hauling records to track the transport of biosolids between the facilities. The hauling records shall contain the following information:

Source Facility
1. Date and time shipped
2. Amount of biosolids shipped
3. Degree of treatment (if applicable)
4. Name and ID Number of treatment facility
5. Signature of responsible party at source facility

Biosolids Treatment Facility or Treatment Facility
1. Date and time received
2. Amount of biosolids received
3. Name and ID number of source facility
4. Signature of hauler
5. Signature of responsible party at treatment facility

Source Facility Biosolids Treatment Facility or Treatment Facility

6. Signature of hauler and name of hauling firm

A copy of the source facility hauling records for each shipment shall be provided upon delivery of the biosolids to the biosolids treatment facility or treatment facility. The treatment facility permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of biosolids leaving the source facility and arriving at the biosolids treatment facility or treatment facility.

[62-640.880(4)]

D. Receipt

1. If the permittee intends to accept biosolids from other facilities, a permit revision is required pursuant to paragraph 62-640.880(2)(d), F.A.C. *[62-640.880(2)(d)]*

III. GROUND WATER REQUIREMENTS

A. Construction Requirements

1. The permittee shall give at least 72-hour notice to the Department's South District Office, prior to the installation of any monitoring wells. *[62-520.600(6)(h)]*

2. Before construction of new ground water monitoring wells, a soil boring shall be made at each new monitoring well location to properly determine monitoring well specifications such as well depth, screen interval, screen slot, and filter pack. *[62-520.600(6)(g)]*

3. Within 30 days after installation of a monitoring well, the permittee shall submit to the Department's South District Office well completion reports and soil boring/lithologic logs on DEP Form 62-520.900(3), Monitoring Well Completion Report. *[62-520.600(6)(j) and .900(3)]*

4. All piezometers and monitoring wells not part of the approved ground water monitoring plan shall be plugged and abandoned in accordance with Rule 62-532.500(5), F.A.C., unless future use is intended. *[62-532.500(5)]*

B. Operational Requirements

1. For the Part III Public Access system, all ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. The zone of discharge shall extend horizontally 100 feet from the application site(s) or to the property boundaries, whichever is less, and vertically to the base of the shallow water table aquifer. *[62-520.200(27)] [62-520.465]*

2. The ground water minimum criteria specified in Rule 62-520.400 F.A.C., shall be met within the zone of discharge. *[62-520.400 and 62-520.420(4)]*

3. If the concentration for any constituent listed in Permit Condition III.B.6 in the natural background quality of the ground water is greater than the stated maximum, or in the case of pH is also less than the minimum, the representative background quality shall be the prevailing standard. *[62-520.420(2)]*

4. During the period of operation authorized by this permit, the permittee shall continue to sample ground water at the monitoring wells identified in Permit Conditions III.B.5., below in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-520.600, F.A.C. *[62-520.600] [62-610.463]*

5. The following monitoring wells shall be sampled for Reuse System R-001.

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	Latitude	Longitude	Depth (Feet)	Aquifer Monitored	Well Type	New or Existing
MWI-2	Central Area of East WRF Site	26° 22' 23.24"	81° 45' 53.56"	22	Surficial	Intermediate	Existing
MWC-3	Southwest Boundary of East WRF Site	26° 22' 16.85"	81° 46' 2.26"	12	Surficial	Compliance	Existing
MWB-1	1,300' Northeast of East WRF Site	26° 22' 42.91"	81° 45' 24.35"	15	Surficial	Background	Existing

MWI=Intermediate, MWB – Background, MWC = Compliance

[62-520.600] [62-610.463]

6. The following parameters shall be analyzed for each monitoring well identified in Permit Condition III.5.:

Parameter	Compliance Well Limit	Units	Sample Type	Monitoring Frequency
Water Level Relative to NGVD	Report	ft	Measured	Quarterly
Nitrogen, Nitrate, Total (as N)	10	mg/L	Grab	Quarterly
Solids, Total Dissolved (TDS)	500	mg/L	Grab	Quarterly
Chloride (as Cl)	250	mg/L	Grab	Quarterly
Sodium, Total Recoverable	160	mg/L	Grab	Quarterly
Arsenic, Total Recoverable	10	ug/L	Grab	Quarterly
Cadmium, Total Recoverable	5	ug/L	Grab	Quarterly
Chromium, Total Recoverable	100	ug/L	Grab	Quarterly
Lead, Total Recoverable	15	ug/L	Grab	Quarterly
Coliform, Fecal	0	#/100mL	Grab	Quarterly
Sulfate, Total	250	mg/L	Grab	Quarterly
pH	6.5-8.5	s.u.	In Situ	Quarterly
Turbidity	Report	NTU	In Situ	Quarterly
Specific Conductance	Report	umhos/cm	In Situ	Quarterly
Temperature (C), Water	Report	Deg C	In Situ	Quarterly
Oxygen, Dissolved (DO)	Report	mg/L	In Situ	Quarterly

[62-520.600(11)(b)] [62-600.670] [62-600.650(3)] [62-520.310(5)]

7. Water levels shall be recorded before evacuating each well for sample collection. Elevation references shall include the top of the well casing and land surface at each well site (NAVD allowable) at a precision of plus or minus 0.01 foot. *[62-520.600(11)(c)] [62-610.463(3)(a)]*

8. Ground water monitoring wells shall be purged prior to sampling to obtain representative samples. *[62-160.210] [62-600.670(3)]*

9. Analyses shall be conducted on unfiltered samples, unless filtered samples have been approved by the Department's South District Office as being more representative of ground water conditions. *[62-520.310(5)]*

10. Ground water monitoring test results shall be submitted on Part D of Form 62-620.910(10) in accordance with Permit Condition I.C.8 *[62-520.600(11)(b)] [62-600.670] [62-600.680(1)] [62-620.610(18)]*

11. If any monitoring well becomes inoperable or damaged to the extent that sampling or well integrity may be affected, the permittee shall notify the Department's South District Office within two business days from discovery, and a detailed written report shall follow within ten days after notification to the Department. The written report shall detail what problem has occurred and remedial measures that have been taken to prevent recurrence or request approval for replacement of the monitoring well. All monitoring well design and replacement shall be approved by the Department's South District Office before installation. *[62-520.600(6)(l)]*

12. The permittee shall sample the following monitoring well(s): MWB-1, MWI-2 and MWC-3 for the primary and secondary drinking water parameters included in Rules 62-550.310 and 62-550.320, F.A.C., (except for

asbestos and all parameters in Table 5 of Chapter 62-550, F.A.C., other than Di(2-ethylhexyl) adipate and Di(2-ethylhexyl) phthalate). Results of this sampling shall be submitted to the Department's South District Office with the application for permit renewal. Sampling shall occur no sooner than 180 days before submittal of the renewal application. *[62-520.600(5)(b)]*

13. In addition to the requirements of this section, ground water monitoring for U-001 shall be in accordance with permit number 190919-005-UO/1M.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

A. Part III Public Access System(s)

1. Use of reclaimed water is authorized within the general service area identified in the aerial view on page 2. The following uses of reclaimed water are authorized within this general service area:

   General Service Area
   Business, Commercial and Industrial Parks
   Golf Courses
   Other Landscape Irrigation
   Residential Developments
   Aesthetic Purposes (Decorative Ponds, Pools and Fountains)

   [62-620.630(10)(a)]

2. This reuse system includes the following major user(s) of reclaimed water (i.e., using 0.1 MGD or more) and general service area(s):

Site Number	Username	User Type	Capacity(MGD)	Acreage
PAA-1	RCS	General Service Area	9.749	1812
		Total	9.749	1812

   [62-610.800(5)][62-620.630(10)(b)]

3. New major users of reclaimed water (i.e., using 0.1 MGD or more) may be added to the reuse system using the general permit described in Rule 62-610.890, F.A.C., if the requirements in this rule are complied with. Application for use of this general permit shall be made using Form 62-610.300(4)(a)1. *[62-610.890]*

4. Cross-connections to the potable water system are prohibited. *[62-610.469(7)]*

5. A cross-connection control program shall be implemented and/or remain in effect within the areas where reclaimed water will be provided for use and shall be in compliance with the Rule 62-555.360, F.A.C. *[62-610.469(7)]*

6. The permittee shall conduct inspections within the reclaimed water service area to verify proper connections, to minimize illegal cross-connections, and to verify both the proper use of reclaimed water and that the proper backflow prevention assemblies or devices have been installed and tested. Inspections are required when a customer first connects to the reuse distribution system. Subsequent inspections are required as specified in the cross-connection control and inspection program. *[62-610.469(7)(h)]*

7. If an actual or potential (e.g. no dual check device on residential connections served by a reuse system) cross-connection between the potable and reclaimed water systems is discovered, the permittee shall:

   a. Immediately discontinue potable water and/or reclaimed water service to the affected area if an actual cross-connection is discovered.

b. If the potable water system is contaminated, clear the potable water lines.

c. Eliminate the cross-connection and install a backflow prevention device as required by the Rule 62-555.360.F.A.C.

d. Test the affected area for other possible cross-connections.

e. Within 24 hours, notify the Department's South District Office's domestic wastewater and drinking water programs.

f. Within 5 days of discovery of an actual or potential cross-connection, submit a written report to the Department's South District Office detailing: a description of the cross-connection, how the cross-connection was discovered, the exact date and time of discovery, approximate time that the cross-connection existed, the location, the cause, steps taken to eliminate the cross-connection, whether reclaimed water was consumed, and reports of possible illness, whether the drinking water system was contaminated and the steps taken to clear the drinking water system, when the cross-connection was eliminated, plan of action for testing for other possible cross-connections in the area, and an evaluation of the cross-connection control and inspection program to ensure that future cross-connections do not occur.

[62-555.360][62-620.610(20)]

8. Maximum obtainable separation of reclaimed water lines and potable water lines shall be provided and the minimum separation distances specified in Rule 62-610.469(7), F.A.C., shall be provided. Reuse facilities shall be color coded or marked. Underground piping which is not manufactured of metal or concrete shall be color coded using Pantone Purple 522C using light stable colorants. Underground metal and concrete pipe shall be color coded or marked using purple as the predominant color. *[62-610.469(7)]*

9. In constructing reclaimed water distribution piping, the permittee shall maintain a 75-foot setback distance from a reclaimed water transmission facility to public water supply wells. No setback distances are required to other potable water supply wells or to any nonpotable water supply wells. *[62-610.471(3)]*

10. A setback distance of 75 feet shall be maintained between the edge of the wetted area and potable water supply wells, unless the utility adopts and enforces an ordinance prohibiting potable water supply wells within the reuse service area. No setback distances are required to any nonpotable water supply well, to any surface water, to any developed areas, or to any private swimming pools, hot tubs, spas, saunas, picnic tables, barbecue pits, or barbecue grills. *[62-610.471(1), (2), (5), and (7)]*

11. Reclaimed water shall not be used to fill swimming pools, hot tubs, or wading pools. *[62-610.469(4)]*

12. Low trajectory nozzles, or other means to minimize aerosol formation shall be used within 100 feet from outdoor public eating, drinking, or bathing facilities. *[62-610.471(6)]*

13. A setback distance of 100 feet shall be maintained from indoor aesthetic features using reclaimed water to adjacent indoor public eating and drinking facilities. *[62-610.471(8)]*

14. The public shall be notified of the use of reclaimed water. This shall be accomplished by posting of advisory signs in areas where reuse is practiced, notes on scorecards, or other methods. *[62-610.468(2)]*

15. All new advisory signs and labels on vaults, service boxes, or compartments that house hose bibbs along with all labels on hose bibbs, valves, and outlets shall bear the words "do not drink" and "no beber" along with the equivalent standard international symbol. In addition to the words "do not drink" and "no beber," advisory signs posted at storage ponds and decorative water features shall also bear the words "do not swim" and "no nadar" along with the equivalent standard international symbols. Existing advisory signs and labels shall be retrofitted, modified, or replaced in order to comply with the revised wording requirements. For existing advisory signs and labels this retrofit, modification, or replacement shall occur within 365 days after the date of this permit. For labels on existing vaults, service boxes, or compartments housing hose bibbs this retrofit, modification, or replacement shall occur within 730 days after the date of this permit. *[62-610.468, 62-610.469]*

16. The permittee shall ensure that users of reclaimed water are informed about the origin, nature, and characteristics of reclaimed water; the manner in which reclaimed water can be safely used; and limitations on the use of reclaimed water. Notification is required at the time of initial connection to the reclaimed water distribution system and annually after the reuse system is placed into operation. A description of on-going public notification activities shall be included in the Annual Reuse Report. *[62-610.468(6)]*

17. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. *[62-610.414(8)]*

18. Overflows from emergency discharge facilities on storage ponds shall be reported as abnormal events in accordance with Permit Condition IX.20. *[62-610.800(9)]*

Supplemental Water Supplies - Ground Water

19. An approved backflow prevention device, as described in Rule 62-555.360, F.A.C., shall be provided on the pipe from each well connected into the reclaimed water system. *[62-610.472(4)]*

20. The supplemental water supply pipes and appurtenances shall be color coded and marked to differentiate them from the reclaimed water and potable water facilities. *[62-610.472(4)]*

21. Facilities used to connect supplemental water supplies into the reclaimed water distribution system shall be located and documented in the record drawings for the reuse system. *[62-610.472(7)]*

V. OPERATION AND MAINTENANCE REQUIREMENTS

A. Staffing Requirements

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of one or more operators certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category II, Class A facility and, at a minimum, operators with appropriate certification must be on the site as follows:

   A Class C or higher operator 16 hours/day for 7 days/week. The lead/chief operator must be a Class A operator, or higher.

   [62-620.630(3)][62-699.310] [62-610.462]

2. The lead/chief operator shall be employed at the plant full time. "Full time" shall mean at least 4 days per week, working a minimum of 35 hours per week, including leave time. A licensed operator shall be on-site and in charge of each required shift for periods of required staffing time when the lead/chief operator is not on-site. An operator meeting the lead/chief operator class for the treatment plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. *[62-699.311(10), (6) and (1)]*

3. An operator meeting the lead/chief operator class for the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. *[62-699.311(1)]*

B. Capacity Analysis Report and Operation and Maintenance Performance Report Requirements

1. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. *[62-600.405(5)]*

2. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. *[62-600.735(1)]*

C. Recordkeeping Requirements

1. The permittee shall maintain the following records and make them available for inspection at the following address: on the site of the permitted facility.

   a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;

   b. Copies of all reports required by this permit for at least three years from the date the report was prepared;

   c. Records of all data, including reports and documents, used to complete the application for this permit for at least three years from the date the application was filed;

   d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;

   e. A copy of the current wastewater facility permit;

   f. Copies of the current operation and maintenance manuals for the wastewater facility and the collection/transmission systems owned or operated by the wastewater facility permittee as required by Chapters 62-600 and 62-604, F.A.C.;

   g. A copy of any required record drawings for the wastewater facility and the collection/transmission systems owned or operated by the wastewater facility permittee;

   h. Copies of the licenses of the current certified operators;

   i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and license number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities, including any preventive maintenance or repairs made or requested; results of tests performed and samples taken, unless documented on a laboratory sheet; and notation of any notification or reporting completed in accordance with Rule 62-602.650(3), F.A.C. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed; and

   j. Records of biosolids quantities, treatment, monitoring, and hauling for at least five years.

   [62-620.350, 62-604.500, 62-602.650, 62-640.650(4)]

VI. SCHEDULES

1. The permittee is not authorized to discharge to waters of the state after the expiration date of this permit, unless:

   a. The permittee has applied for renewal of this permit at least 180 days before the expiration date of this permit using the appropriate forms listed in Rule 62-620.910, F.A.C., and in the manner established in the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C.; or

   b. The permittee has made complete the application for renewal of this permit before the permit expiration date.

   [62-620.335(1) - (4)]

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

1. This facility is not required to have a pretreatment program at this time. *[62-625.500]*

VIII. OTHER SPECIFIC CONDITIONS

1. In the event that the wastewater facilities or equipment, including collection/transmission systems, no longer function as intended, are no longer safe in terms of public health and safety (including inactive or abandoned facilities), or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by paragraphs 62-600.400(2)(a) and 62-604.400(2)(c), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in subsection 62-296.320(2), F.A.C. *[62-600.410(5), 62-604.500(3) and 62-640.400(6)]*

2. All collection/transmission systems shall be operated and maintained so as to provide uninterrupted service. *[62-604.500(2)]*

3. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. *[62-604.130(4)]*

4. Cross-connection, as defined in Rule 62-550.200, F.A.C., between the wastewater facility, including the collection/transmission system, and a potable water system is prohibited. *[62-550.360][62-604.130(3)]*

5. The collection/transmission operation and maintenance manual shall be maintained and revised periodically in accordance with subsection 62-604.500(4), F.A.C., to reflect any alterations performed or to reflect experience resulting from operation. However, a new operation and maintenance manual is not required to be developed for each project if there is already an existing manual that is applicable to the facilities being constructed. *[62-604.500(4)]*

6. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550] [62-620.610(20)]*

7. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):

   a. Which may cause fire or explosion hazards; or

   b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or

   c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or

   d. Which result in the wastewater temperature at the introduction of the treatment plant exceeding 40^{o}C or otherwise inhibiting treatment; or

   e. Which result in the presence of toxic gases, vapors, or fumes that may cause worker health and safety problems.

   [62-604.130(5)]

8. The treatment facility shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-600.400(2)(b)]*

9. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-701.300(1)(a)]*

10. Where required by Chapter 471 or Chapter 492, F.S., applicable portions of reports that must be submitted under this permit shall be signed and sealed by a professional engineer or a professional geologist, as appropriate. *[62-620.310(4)]*

11. The permittee shall provide verbal notice to the Department's South District Office as soon as practical after discovery of a sinkhole or other karst feature within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department's South District Office in a written report within 7 days of the sinkhole discovery. *[62-620.320(6)]*

12. The permittee shall provide notice to the Department of the following:

    a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C., if it were directly discharging those pollutants; and

    b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

    Notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility. If pretreatment becomes necessary, this permit may be modified to require the permittee to develop and implement a local pretreatment program in accordance with the requirements of Chapter 62-625, F.A.C.

    [62-620.625(2)]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications, or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*

3. As provided in subsection 403.087(7), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4)]*

5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not

be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*

6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6)]*

7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*

8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*

9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:

   a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;

   b. Have access to and copy any records that shall be kept under the conditions of this permit;

   c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and

   d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

   [62-620.610(9)]

10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, F.S., or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*

11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted, or corrections promptly reported to the Department. *[62-620.610(11)]*

12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*

13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*

14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*

15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility or activity and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*

16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, F.A.C., and the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2), F.A.C., for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16)]*

17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:

    a. A description of the anticipated noncompliance;

    b. The period of the anticipated noncompliance, including dates and times; and

    c. Steps being taken to prevent future occurrence of the noncompliance.

    [62-620.610(17)]

18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246 and Chapters 62-160, 62-600, and 62-610, F.A.C., and 40 CFR 136, as appropriate.

    a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.

    b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.

    c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.

    d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.

    e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.

    f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220, and 62-160.330, F.A.C.

    [62-620.610(18)]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. *[62-620.610(19)]*

20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. For noncompliance events related to sanitary sewer overflows or bypass events, these reports must include the data described above (with the exception of time of discovery) as well as the type of event (sanitary sewer overflows or bypass events), type of sewer overflow (e.g., manhole), discharge volumes by the treatment works treating domestic sewage, types of human health and environmental impacts of the sewer overflow event, and whether the noncompliance was related to wet weather. The written submission may be provided electronically using the Department's Business Portal at https://www.fldepportal.com/go/ (via "Submit" followed by "Report" or "Registration/Notification"). Notice required under paragraph (d) may be provided together with the written submission using the Business Portal. All noncompliance events related to sanitary sewer overflows or bypass events submitted after December 21, 2020 shall be submitted electronically.

    a. The following shall be included as information which must be reported within 24 hours under this condition:

        (1) Any unanticipated bypass which causes any reclaimed water or the effluent to exceed any permit limitation or results in an unpermitted discharge,

        (2) Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,

        (3) Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and

        (4) Any unauthorized discharge to surface or ground waters.

    b. Oral reports as required by this subsection shall be provided as follows:

        (1) For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph (a)4. that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the Department by calling the STATE WATCH OFFICE TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Watch Office:

            (a) Name, address, and telephone number of person reporting;

            (b) Name, address, and telephone number of permittee or responsible person for the discharge;

            (c) Date and time of the discharge and status of discharge (ongoing or ceased);

            (d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);

            (e) Estimated amount of the discharge;

            (f) Location or address of the discharge;

            (g) Source and cause of the discharge;

            (h) Whether the discharge was contained on-site, and cleanup actions taken to date;

            (i) Description of area affected by the discharge, including name of water body affected, if any; and

            (j) Other persons or agencies contacted.

        (2) Oral reports not otherwise required to be provided pursuant to subparagraph (b)1. above, shall be provided to the Department within 24 hours from the time the permittee becomes aware of the circumstances.

    c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.

    d. In accordance with Section 403.077, F.S., unauthorized releases or spills reportable to the State Watch Office pursuant to subparagraph (b)1. above shall also be reported to the Department within 24 hours from the time the permittee becomes aware of the discharge. The permittee shall provide to the Department information reported to the State Watch Office. Notice of unauthorized releases or spills may be provided

to the Department through the Department's Public Notice of Pollution web page at https://floridadep.gov/pollutionnotice.

(1) If, after providing notice pursuant to paragraph (d) above, the permittee determines that a reportable unauthorized release or spill did not occur or that an amendment to the notice is warranted, the permittee may submit additional notice to the Department documenting such determination.

(2) If, after providing notice pursuant to paragraph (d) above, the permittee discovers that a reportable unauthorized release or spill has migrated outside the property boundaries of the installation, the permittee must provide an additional notice to the Department that the release has migrated outside the property boundaries within 24 hours after its discovery of the migration outside of the property boundaries.

[62-620.610(20)] [62-620.100(3)] [403.077, F.S.]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX.17., IX.18., or IX.19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX.20. of this permit. *[62-620.610(21)]*

22. Bypass Provisions.

a. "Bypass" means the intentional diversion of waste streams from any portion of a treatment works.

b. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:

(1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and

(2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and

(3) The permittee submitted notices as required under Permit Condition IX.22.c. of this permit.

c. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible, at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX.20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.

d. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX.22.b.(1) through (3) of this permit.

e. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX.22.b. through d. of this permit.

[62-620.610(22)]

23. Upset Provisions.

a. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based effluent limitations because of factors beyond the reasonable control of the permittee.

(1) An upset does not include noncompliance caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, careless or improper operation.

(2) An upset constitutes an affirmative defense to an action brought for noncompliance with technology based permit effluent limitations if the requirements of upset provisions of Rule 62-620.610, F.A.C., are met.

b. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
   (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
   (2) The permitted facility was at the time being properly operated;
   (3) The permittee submitted notice of the upset as required in Permit Condition IX.20. of this permit; and
   (4) The permittee complied with any remedial measures required under Permit Condition IX.5. of this permit.

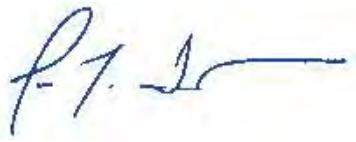
c. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.

d. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in Ft. Myers, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



_____
Jon M. Iglehart
Director of District Management

Attachments:
Discharge Monitoring Report
Statement of Basis
Pathogen Monitoring Report

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: http://www.fldepportal.com/go/submit-report/

PERMITTEE NAME: Bonita Springs Utilities Inc
MAILING ADDRESS: 11860 E Terry St
Bonita Springs, Florida 34135- 6127

FACILITY: Bonita Springs Water Reclamation (West)
LOCATION: Ten Eight St
Bonita Springs, FL 34134-7419

COUNTY: Lee
OFFICE: South District

PERMIT NUMBER: FLA014443-037-DW1P

LIMIT: Final
CLASS SIZE: N/A
MONITORING GROUP NUMBER: R-001
MONITORING GROUP DESCRIPTION: water reuse system, with Influent
RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

REPORT FREQUENCY: Monthly
PROGRAM: Domestic

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 Y Mon. Site No. CAL-04	Permit Requirement		Report (An.Avg.)	MGD						Continuous	Calculated
Flow	Sample Measurement										
PARM Code 50050 P Mon. Site No. CAL-04	Permit Requirement		9.749 (Mo.Avg.)	MGD						Continuous	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon. Site No. EFA-01	Permit Requirement					20.0 (An.Avg.)		mg/L		5 Days/Week	24-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 A Mon. Site No. EFA-01	Permit Requirement				60.0 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		5 Days/Week	24-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 B Mon. Site No. EFB-01	Permit Requirement						5.0 (Max.)	mg/L		4 Days/Week	Grab
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 P Mon. Site No. EFB-02	Permit Requirement						5.0 (Max.)	mg/L		4 Days/Week	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Water Reclamation (West) MONITORING GROUP NUMBER: R-001 PERMIT NUMBER: FLA014443-037-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement										
PARM Code 74055 A Mon. Site No. EFA-01	Permit Requirement						25 (Max.)	#/100mL		4 Days/Week	Grab
Coliform, Fecal, % less than detection	Sample Measurement										
PARM Code 51005 A Mon. Site No. EFA-01	Permit Requirement				75 (Min.Mo.Total)			percent		4 Days/Week	Calculated
pH	Sample Measurement										
PARM Code 00400 A Mon. Site No. EFA-01	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		Continuous	Meter
Chlorine, Total Residual (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon. Site No. EFA-01	Permit Requirement				1.0 (Min.)			mg/L		Continuous	Meter
Turbidity	Sample Measurement										
PARM Code 00070 B Mon. Site No. EFB-01	Permit Requirement						Report (Max.)	NTU		Continuous	Meter
Turbidity	Sample Measurement										
PARM Code 00070 P Mon. Site No. EFB-02	Permit Requirement						Report (Max.)	NTU		Continuous	Meter
Nitrogen, Total	Sample Measurement										
PARM Code 00600 B Mon. Site No. EFB-01	Permit Requirement						Report (Max.)	mg/L		Monthly	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 P Mon. Site No. EFB-02	Permit Requirement						Report (Max.)	mg/L		Monthly	Grab
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 B Mon. Site No. EFB-01	Permit Requirement						Report (Max.)	mg/L		Monthly	24-hr FPC
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 P Mon. Site No. EFB-02	Permit Requirement						Report (Max.)	mg/L		Monthly	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Water Reclamation (West) MONITORING GROUP NUMBER: R-001 PERMIT NUMBER: FLA014443-037-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-03	Permit Requirement	7.000 (Mo.Avg.)	Report (3Mo.Avg.)	MGD						Continuous	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement										
PARM Code 00180 P Mon. Site No. CAL-01	Permit Requirement						Report (3Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement										
PARM Code 80082 G Mon. Site No. INF-01	Permit Requirement						Report (Max.)	mg/L		5 Days/Week	24-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement										
PARM Code 00530 G Mon. Site No. INF-01	Permit Requirement						Report (Max.)	mg/L		5 Days/Week	24-hr FPC

ISSUANCE/REISSUANCE DATE: February 2021
DMR EFFECTIVE DATE: 09/01/2021 - 06/16/2026

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: http://www.fldepportal.com/go/submit-report/

PERMITTEE NAME: Bonita Springs Utilities Inc
MAILING ADDRESS: 11860 E Terry St
Bonita Springs, Florida 34135- 6127

FACILITY: Bonita Springs Water Reclamation (West)
LOCATION: Ten Eight St
Bonita Springs, FL 34134-7419

COUNTY: Lee
OFFICE: South District

PERMIT NUMBER: FLA014443-037-DW1P

LIMIT: Final
CLASS SIZE: N/A
MONITORING GROUP NUMBER: U-001
MONITORING GROUP DESCRIPTION: Injection Well
RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

REPORT FREQUENCY: Monthly
PROGRAM: Domestic

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-01	Permit Requirement		7.920 (Day.Max.)	MGD						Continuous	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon. Site No. EFA-01	Permit Requirement					20.0 (An.Avg.)		mg/L		5 Days/Week	24-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 A Mon. Site No. EFA-01	Permit Requirement				60.0 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		5 Days/Week	24-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 Y Mon. Site No. EFB-01	Permit Requirement					20.0 (An.Avg.)		mg/L		5 Days/Week	24-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 B Mon. Site No. EFB-01	Permit Requirement				60.0 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		5 Days/Week	24-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 P Mon. Site No. EFB-02	Permit Requirement					20 (An.Avg.)		mg/L		5 Days/Week	24-hr FPC

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Water Reclamation (West) MONITORING GROUP NUMBER: U-001 PERMIT NUMBER: FLA014443-037-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 Q Mon. Site No. EFB-02	Permit Requirement				60 (Max.)	45 (Max.Wk.Avg.)	30 (Mo.Avg.)	mg/L		5 Days/Week	24-hr FPC
pH	Sample Measurement										
PARM Code 00400 A Mon. Site No. EFA-01	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		Continuous	Meter

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: http://www.fldepportal.com/go/submit-report/

PERMITTEE NAME: Bonita Springs Utilities Inc
MAILING ADDRESS: 11860 E Terry St
Bonita Springs, Florida 34135- 6127

FACILITY: Bonita Springs Water Reclamation (West)
LOCATION: Ten Eight St
Bonita Springs, FL 34134-7419

COUNTY: Lee
OFFICE: South District

PERMIT NUMBER: FLA014443-037-DW1P

LIMIT: Final
CLASS SIZE: N/A
MONITORING GROUP NUMBER: RMP-Q
MONITORING GROUP DESCRIPTION: Biosolids Quantity
RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

REPORT FREQUENCY: Monthly
PROGRAM: Domestic

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Landfilled)	Sample Measurement										
PARM Code B0008 + Mon. Site No. RMP-1	Permit Requirement		Report (Mo.Total)	dry tons						Monthly	Calculated
Biosolids Quantity (Transferred)	Sample Measurement										
PARM Code B0007 + Mon. Site No. RMP-2	Permit Requirement		Report (Mo.Total)	dry tons						Monthly	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: http://www.fldepportal.com/go/submit-report/

PERMITTEE NAME: Bonita Springs Utilities Inc
MAILING ADDRESS: 11860 E Terry St
Bonita Springs, Florida 34135- 6127

FACILITY: Bonita Springs Water Reclamation (West)
LOCATION: Ten Eight St
Bonita Springs, FL 34134-7419

COUNTY: Lee
OFFICE: South District

PERMIT NUMBER: FLA014443-037-DW1P

LIMIT: Final
CLASS SIZE: N/A

REPORT FREQUENCY: Annually
PROGRAM: Domestic

MONITORING GROUP NUMBER: RWS-A
MONITORING GROUP DESCRIPTION: Annual Reclaimed Water or Effluent Analysis
RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING NOT REQUIRED:* ☐
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Antimony, Total Recoverable (GWS = 6)**	Sample Measurement										
PARM Code 01268 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Arsenic, Total Recoverable (GWS = 10)	Sample Measurement										
PARM Code 00978 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Barium, Total Recoverable (GWS = 2,000)	Sample Measurement										
PARM Code 01009 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Beryllium, Total Recoverable (GWS = 4)	Sample Measurement										
PARM Code 00998 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Cadmium, Total Recoverable (GWS = 5)	Sample Measurement										
PARM Code 01113 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Chromium, Total Recoverable (GWS =100)	Sample Measurement										
PARM Code 01118 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC

*THE "MONITORING NOT REQUIRED" CHECKBOX SHOULD BE SELECTED WHEN A CERTIFICATION STATEMENT IN ACCORDANCE WITH SUBSECTION 62-600.680(2), F.A.C., IS SUBMITTED WITH THIS DMR. SEE CERTIFICATION STATEMENT IN COMMENTS SECTION BELOW.
**GROUND WATER STANDARD (GWS) FOR REFERENCE AND REVIEW ONLY.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):
☐ NO NEW NON-DOMESTIC WASTEWATER DISCHARGERS HAVE BEEN ADDED TO THE COLLECTION SYSTEM SINCE THE LAST RECLAIMED WATER OR EFFLUENT ANALYSIS WAS CONDUCTED. SIGN AND DATE:

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Water Reclamation (West) MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA014443-037-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Cyanide, Free (amen. to chlorination)(GWS = 200)	Sample Measurement										
PARM Code 00722 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Fluoride, Total (as F) (GWS = 4.0/2.0)	Sample Measurement										
PARM Code 00951 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L		Annually	24 hr FPC
Lead, Total Recoverable (GWS = 15)	Sample Measurement										
PARM Code 01114 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Mercury, Total Recoverable (GWS = 2)	Sample Measurement										
PARM Code 71901 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Nickel, Total Recoverable (GWS = 100)	Sample Measurement										
PARM Code 01074 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Nitrogen, Nitrate, Total (as N) (GWS = 10)	Sample Measurement										
PARM Code 00620 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC
Nitrogen, Nitrite, Total (as N) (GWS = 1)	Sample Measurement										
PARM Code 00615 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC
Nitrite plus Nitrate, Total 1 det. (as N)(GWS = 10)	Sample Measurement										
PARM Code 00630 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC
Selenium, Total Recoverable (GWS =50)	Sample Measurement										
PARM Code 00981 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Sodium, Total Recoverable (GWS = 160)	Sample Measurement										
PARM Code 00923 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Water Reclamation (West) MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA014443-037-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Thallium, Total Recoverable (GWS = 2)	Sample Measurement										
PARM Code 00982 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
1,1-dichloroethylene (GWS = 7)	Sample Measurement										
PARM Code 34501 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,1,1-trichloroethane (GWS = 200)	Sample Measurement										
PARM Code 34506 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,1,2-trichloroethane (GWS = 5)	Sample Measurement										
PARM Code 34511 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,2-dichloroethane (GWS = 3)	Sample Measurement										
PARM Code 32103 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,2-dichloropropane (GWS = 5)	Sample Measurement										
PARM Code 34541 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,2,4-trichlorobenzene (GWS = 70)	Sample Measurement										
PARM Code 34551 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Benzene (GWS = 1)	Sample Measurement										
PARM Code 34030 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Carbon tetrachloride (GWS = 3)	Sample Measurement										
PARM Code 32102 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Cis-1,2-dichloroethene (GWS = 70)	Sample Measurement										
PARM Code 81686 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Water Reclamation (West) MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA014443-037-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dichloromethane (methylene chloride)(GWS = 5)	Sample Measurement										
PARM Code 03821 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Ethylbenzene (GWS = 700)	Sample Measurement										
PARM Code 34371 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Monochlorobenzene (GWS = 100)	Sample Measurement										
PARM Code 34031 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,2-dichlorobenzene (GWS = 600)	Sample Measurement										
PARM Code 34536 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,4-dichlorobenzene (GWS = 75)	Sample Measurement										
PARM Code 34571 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Styrene, Total (GWS = 100)	Sample Measurement										
PARM Code 77128 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Tetrachloroethylene (GWS = 3)	Sample Measurement										
PARM Code 34475 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Toluene (GWS = 1,000)	Sample Measurement										
PARM Code 34010 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,2-trans-dichloroethylene (GWS = 100)	Sample Measurement										
PARM Code 34546 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Trichloroethylene (GWS = 3)	Sample Measurement										
PARM Code 39180 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Water Reclamation (West) MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA014443-037-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Vinyl chloride (GWS = 1)	Sample Measurement										
PARM Code 39175 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Xylenes (GWS = 10,000)	Sample Measurement										
PARM Code 81551 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
2,3,7,8-tetrachlorodibenzo-p-dioxin(GWS = 3x10^-5)	Sample Measurement										
PARM Code 34675 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
2,4-dichlorophenoxyacetic acid (GWS = 70)	Sample Measurement										
PARM Code 39730 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Silvex (GWS = 50)	Sample Measurement										
PARM Code 39760 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Alachlor (GWS = 2)	Sample Measurement										
PARM Code 39161 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Atrazine (GWS = 3)	Sample Measurement										
PARM Code 39033 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Benzo(a)pyrene (GWS = 0.2)	Sample Measurement										
PARM Code 34247 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Carbofuran (GWS = 40)	Sample Measurement										
PARM Code 81405 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Chlordane (tech mix. and metabolites)(GWS = 2)	Sample Measurement										
PARM Code 39350 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Water Reclamation (West) MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA014443-037-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dalapon (GWS = 200)	Sample Measurement										
PARM Code 38432 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Bis(2-ethylhexyl)adipate (GWS = 400)	Sample Measurement										
PARM Code 77903 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24 hr FPC
Bis (2-ethylhexyl) phthalate (GWS = 6)	Sample Measurement										
PARM Code 39100 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Dibromochloropropane (DBCP) (GWS = 0.2)	Sample Measurement										
PARM Code 82625 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Dinoseb (GWS = 7)	Sample Measurement										
PARM Code 30191 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Diquat (GWS = 20)	Sample Measurement										
PARM Code 04443 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Endothall (GWS = 100)	Sample Measurement										
PARM Code 38926 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Endrin (GWS = 2)	Sample Measurement										
PARM Code 39390 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Ethylene dibromide (1,2-dibromoethane)(GWS = 0.02)	Sample Measurement										
PARM Code 77651 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Glyphosate (GWS = 0.7)	Sample Measurement										
PARM Code 79743 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Water Reclamation (West) MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA014443-037-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Heptachlor (GWS = 0.4)	Sample Measurement										
PARM Code 39410 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Heptachlor epoxide (GWS = 0.2)	Sample Measurement										
PARM Code 39420 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24 hr FPC
Hexachlorobenzene (GWS = 1)	Sample Measurement										
PARM Code 39700 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Hexachlorocyclopentadiene (GWS = 50)	Sample Measurement										
PARM Code 34386 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Gamma BHC (Lindane) (GWS = 0.2)	Sample Measurement										
PARM Code 39782 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Methoxychlor (GWS = 40)	Sample Measurement										
PARM Code 39480 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Oxamyl (vydate) (GWS = 200)	Sample Measurement										
PARM Code 38865 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Pentachlorophenol (GWS = 1)	Sample Measurement										
PARM Code 39032 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Picloram (GWS = 500)	Sample Measurement										
PARM Code 39720 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Polychlorinated Biphenyls (PCBs)(GWS = 0.5)	Sample Measurement										
PARM Code 39516 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Water Reclamation (West) MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA014443-037-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Simazine (GWS = 4)	Sample Measurement										
PARM Code 39055 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Toxaphene (GWS = 3)	Sample Measurement										
PARM Code 39400 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24 hr FPC
Trihalomethane, Total by summation(GWS = 0.080)	Sample Measurement										
PARM Code 82080 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L		Annually	Grab
Radium 226 + Radium 228, Total (GWS = 5)	Sample Measurement										
PARM Code 11503 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	pCi/L		Annually	24-hr FPC
Alpha, Gross Particle Actrvity (GWS = 15)	Sample Measurement										
PARM Code 80045 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	pCi/L		Annually	24-hr FPC
Aluminum, Total Recoverable (GWS = 0.2)	Sample Measurement										
PARM Code 01104 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC
Chloride (as Cl) (GWS = 250)	Sample Measurement										
PARM Code 00940 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC
Iron, Total Recoverable (GWS = 0.3)	Sample Measurement										
PARM Code 00980 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC
Copper, Total Recoverable (GWS = 1,000)	Sample Measurement										
PARM Code 01119 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Manganese, Total Recoverable (GWS = 50)	Sample Measurement										
PARM Code 11123 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bonita Springs Water Reclamation (West) MONITORING GROUP NUMBER: RWS-A PERMIT NUMBER: FLA014443-037-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Silver, Total Recoverable (GWS = 100)	Sample Measurement										
PARM Code 01079 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Sulfate, Total (GWS = 250)	Sample Measurement										
PARM Code 00945 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L		Annually	24 hr FPC
Zinc, Total Recoverable (GWS = 5,000)	Sample Measurement										
PARM Code 01094 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
pH (GWS = 6.5-8.5)	Sample Measurement										
PARM Code 00400 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	s.u.		Annually	Grab
Solids, Total Dissolved (TDS) (GWS = 500)	Sample Measurement										
PARM Code 70295 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC
Foaming Agents (GWS = 0.5)	Sample Measurement										
PARM Code 01288 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA014443-037-DW1P Facility: Bonita Springs Water Reclamation (West)
Monitoring Period From: _____ To: _____

	BOD, Carbonaceous 5 day, 20C mg/L	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Chlorine, Total Residual (For Disinfection) mg/L	Coliform, Fecal #/100mL	Flow MGD	Flow MGD	Nitrogen, Total mg/L	Nitrogen, Total mg/L	Phosphorus, Total (as P) mg/L	Phosphorus, Total (as P) mg/L	Solids, Total Suspended mg/L
Code	80082	80082	50060	74055	50050	50050	00600	00600	00665	00665	00530
Mon. Site	EFA-01	INF-01	EFA-01	EFA-01	FLW-01	FLW-03	EFB-01	EFB-02	EFB-01	EFB-02	EFB-01
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA014443-037-DW1P Facility: Bonita Springs Water Reclamation (West)
Monitoring Period From: _____ To: _____

	Solids, Total Suspended mg/L	Solids, Total Suspended (Influent) mg/L	Turbidity NTU	Turbidity NTU	pH s.u.						
Code	00530	00530	00070	00070	00400						
Mon. Site	EFB-02	INF-01	EFB-01	EFB-02	EFA-01						
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

GROUNDWATER MONITORING REPORT - PART D

Facility Name: Bonita Springs Water Reclamation (West)
Permit Number: FLA014443-037-DW1P
County: Lee
Office: South District

Monitoring Well ID: MWI-2
Well Type: Intermediate
Description: Central Area of East WRF Site
Report Frequency: Quarterly
Program: Domestic
Re-submitted DMR: ☐

Monitoring Period From: _____ To: _____
Date Sample Obtained: _____
Time Sample Obtained: _____

Was the well purged before sampling? ___Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	Measured	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Quarterly				
Chloride (as Cl)	00940		Report	mg/L	Grab	Quarterly				
Sodium, Total Recoverable	00923		Report	mg/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Quarterly				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Quarterly				
Coliform, Fecal	74055		Report	#/100mL	Grab	Quarterly				
Sulfate, Total	00945		Report	mg/L	Grab	Quarterly				
pH	00400		Report	s.u.	In Situ	Quarterly				
Turbidity	00070		Report	NTU	In Situ	Quarterly				
Specific Conductance	00095		Report	umhos/cm	In Situ	Quarterly				
Temperature (C), Water	00010		Report	Deg C	In Situ	Quarterly				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUNDWATER MONITORING REPORT - PART D (Continued)

Facility Name: Bonita Springs Water Reclamation (West)
Permit Number: FLA014443-037-DW1P
County: Lee
Office: South District

Monitoring Well ID: MWI-2
Well Type: Intermediate
Description: Central Area of East WRF Site
Re-submitted DMR: ☐

Report Frequency: Quarterly
Program: Domestic

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____
Time Sample Obtained: _____

Was the well purged before sampling? ___Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Oxygen, Dissolved (DO)	00300		Report	mg/L	In Situ	Quarterly				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUNDWATER MONITORING REPORT - PART D

Facility Name: Bonita Springs Water Reclamation (West)
Permit Number: FLA014443-037-DW1P
County: Lee
Office: South District

Monitoring Well ID: MWB-1
Well Type: Background
Description: 1,300' Northeast of East WRF Site
Report Frequency: Quarterly
Program: Domestic
Re-submitted DMR: ☐

Monitoring Period From: _____ To: _____
Date Sample Obtained: _____
Time Sample Obtained: _____

Was the well purged before sampling? ___Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	Measured	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Quarterly				
Chloride (as Cl)	00940		Report	mg/L	Grab	Quarterly				
Sodium, Total Recoverable	00923		Report	mg/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Quarterly				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Quarterly				
Coliform, Fecal	74055		Report	#/100mL	Grab	Quarterly				
Sulfate, Total	00945		Report	mg/L	Grab	Quarterly				
pH	00400		Report	s.u.	In Situ	Quarterly				
Turbidity	00070		Report	NTU	In Situ	Quarterly				
Specific Conductance	00095		Report	umhos/cm	In Situ	Quarterly				
Temperature (C), Water	00010		Report	Deg C	In Situ	Quarterly				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUNDWATER MONITORING REPORT - PART D (Continued)

Facility Name: Bonita Springs Water Reclamation (West)
Permit Number: FLA014443-037-DW1P
County: Lee
Office: South District

Monitoring Well ID: MWB-1
Well Type: Background
Description: 1,300' Northeast of East WRF Site
Re-submitted DMR: ☐

Report Frequency: Quarterly
Program: Domestic

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____
Time Sample Obtained: _____

Was the well purged before sampling? ___Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Oxygen, Dissolved (DO)	00300		Report	mg/L	In Situ	Quarterly				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUNDWATER MONITORING REPORT - PART D

Facility Name: Bonita Springs Water Reclamation (West)
Permit Number: FLA014443-037-DW1P
County: Lee
Office: South District

Monitoring Well ID: MWC-3
Well Type: Compliance
Description: Southwest Boundary of East WRF Site
Report Frequency: Quarterly
Program: Domestic
Re-submitted DMR: ☐

Monitoring Period From: _____ To: _____
Date Sample Obtained: _____
Time Sample Obtained: _____

Was the well purged before sampling? ___Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	Measured	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	mg/L	Grab	Quarterly				
Sodium, Total Recoverable	00923		160	mg/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	ug/L	Grab	Quarterly				
Coliform, Fecal	74055		0	#/100mL	Grab	Quarterly				
Sulfate, Total	00945		250	mg/L	Grab	Quarterly				
pH	00400		6.5-8.5	s.u.	In Situ	Quarterly				
Turbidity	00070		Report	NTU	In Situ	Quarterly				
Specific Conductance	00095		Report	umhos/cm	In Situ	Quarterly				
Temperature (C), Water	00010		Report	Deg C	In Situ	Quarterly				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUNDWATER MONITORING REPORT - PART D (Continued)

Facility Name: Bonita Springs Water Reclamation (West)
Permit Number: FLA014443-037-DW1P
County: Lee
Office: South District

Monitoring Well ID: MWC-3
Well Type: Compliance
Description: Southwest Boundary of East WRF Site
Report Frequency: Quarterly
Program: Domestic
Re-submitted DMR: ☐

Monitoring Period From: _____ To: _____
Date Sample Obtained: _____
Time Sample Obtained: _____

Was the well purged before sampling? ___Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Oxygen, Dissolved (DO)	00300		Report	mg/L	In Situ	Quarterly				

COMMENTS AND EXPLANATION (Reference all attachments here):

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. Facilities who submit their DMR(s) electronically through eDMR do not need to submit a hardcopy DMR. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used, unless indicated otherwise in the permit or on the DMR:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign ("<") followed by the laboratory's MDL value, e.g. < 0.001. A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

Resubmitted DMR: Check this box if this DMR is being re-submitted because there was information missing from or information that needed correction on a previously submitted DMR. The information that is being revised should be clearly noted on the re-submitted DMR (e.g. highlight, circle, etc.)
No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.
Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units. Data qualifier codes are not to be reported on Part A.
No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.
Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.
Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.
Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.
Time Sample Obtained: Enter the time the sample was taken.
Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Data qualifier codes are not to be reported on Part D.
Detection Limits: Record the detection limits of the analytical methods used.
Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.
Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)
Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).
Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.
Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.
No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.
$CBOD_5$: Enter the average $CBOD_5$ of the reclaimed water discharged during the period shown in duration of discharge.
TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.
Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.
Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.
No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.
Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

STATEMENT OF BASIS
FOR
STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMIT NUMBER: FLA014443-037

FACILITY NAME: Bonita Springs Water Reclamation (West)

FACILITY LOCATION: Ten Eight St, Bonita Springs, FL 34134-7419
Lee County

NAME OF PERMITTEE: Bonita Springs Utilities, Inc.

PERMIT WRITER: Bill Robertson, P.E.

1. SUMMARY OF APPLICATION

a. Chronology of Application

Application Number: FLA014443-037-DW1P

Application Submittal Date: December 16, 2020

b. Type of Facility

Domestic Wastewater Treatment Plant

Ownership Type: Private

SIC Code: 4952

c. Facility Capacity

Existing Permitted Capacity:	7.000 mgd Monthly Average Daily Flow
Proposed Increase in Permitted Capacity:	0.000 mgd Monthly Average Daily Flow
Proposed Total Permitted Capacity:	7.000 mgd Monthly Average Daily Flow

d. Description of Wastewater Treatment

The facility is a conventional activated sludge process domestic wastewater treatment plant. The permitted capacity for the maximum monthly average daily flow (MMADF) is 7.000 million gallons per day (MGD). This facility consists of an odor control system for the headworks, flow splitter, and master lift station; two mechanical bar screens, one manual bar screen, two grit removal systems, flow distribution basin, four oxidation ditches, four secondary clarifiers, two filter units with six filter cells each; four chlorine contact chambers; one reject holding pond, and one wet weather storage pond. The facility pipes waste activated sludge to the Bonita Springs Utilities East WRF.

e. Description of Effluent Disposal and Land Application Sites (as reported by applicant)

Effluent is disposed of via an existing 7.920 MGD monthly average daily flow permitted capacity reuse system discharging to an underground injection well system consisting of one Class I underground injection well

permitted under Department permit number 190919-005-UO/1M, WACS ID Number 88435, discharging to Class G-IV ground water. Underground Injection Well System U-001 is located approximately at latitude 26°22' 27" N, longitude 81°48' 14" W. Effluent is also disposed of via an existing 9.749 MGD monthly average daily flow permitted capacity slow-rate public access system. R-001 is a reuse system which consists of the Resource Conservation Systems (RCS) area.

2. SUMMARY OF SURFACE WATER DISCHARGE

This facility does not discharge to surface waters.

3. BASIS FOR PERMIT LIMITATIONS AND MONITORING REQUIREMENTS

This facility is authorized to discharge reclaimed water to Underground Injection Well System **U-001** which consists of one Class I injection well discharging to Class G-IV ground water based on the following:

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Flow	MGD	Max	7.920	Daily Maximum	62-600.700(2)(b) FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	20.0	Annual Average	62-600.540(1) & 62-600.420(3)(a)1. FAC
		Max	30.0	Monthly Average	62-600.420(3)(a)2. FAC
		Max	45.0	Weekly Average	62-600.420(3)(a)3. FAC
		Max	60.0	Single Sample	62-600.420(3)(a)4. FAC
Solids, Total Suspended	mg/L	Max	20.0	Annual Average	62-600.540(1) & 62-600.420(3)(b)1. FAC
		Max	30.0	Monthly Average	62-600.420(3)(b)2. FAC
		Max	45.0	Weekly Average	62-600.420(3)(b)3. FAC
		Max	60.0	Single Sample	62-600.420(3)(b)4. FAC
pH	s.u.	Min	6.0	Single Sample	62-600.445 FAC
		Max	8.5	Single Sample	62-600.445 FAC

This facility is authorized to direct reclaimed water to Reuse System R-001, a slow-rate public access system, based on the following:

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Flow	MGD	Max	9.749	Monthly Average	62-600.700(2)(b) & 62-610.810(5) FAC
		Max	Report	Annual Average	62-600.400(3)
BOD, Carbonaceous 5 day, 20C	mg/L	Max	20.0	Annual Average	62-600.420
		Max	30.0	Monthly Average	62-600.420
		Max	45.0	Weekly Average	62-600.420
		Max	60.0	Single Sample	62-600.420
Solids, Total Suspended	mg/L	Max	5.0	Single Sample	62-600.440(5) FAC
Coliform, Fecal	#/100mL	Max	25	Single Sample	62-610.460 & 62-600.440(6)(a)2. FAC
Coliform, Fecal, % less than detection	percent	Min	75	Minimum Total	62-610.460 & 62-600.440(6)(a)1. FAC
pH	s.u.	Min	6.0	Single Sample	62-600.445 FAC
		Max	8.5	Single Sample	62-600.445 FAC
Chlorine, Total Residual (For Disinfection)	mg/L	Min	1.0	Single Sample	62-600.440(6)(b), 62-610.460(2), & 62-610.463(2) FAC

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Turbidity	NTU	Max	Report	Single Sample	62-610.463(2) FAC
Nitrogen, Total	mg/L	Max	Report	Single Sample	62-600.650(3)
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	62-600.650(3)
Giardia	cysts/100L	Max	Report	Single Sample	62-610.463(4) FAC
Cryptosporidium	oocysts/100L	Max	Report	Single Sample	62-610.463(4) FAC

Other Limitations and Monitoring Requirements:

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Flow	MGD	Max	7.000	Monthly Average	62-600.700(2)(b) FAC
		Max	Report	3-Month Rolling Average	62-600.700(2)(b) FAC
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	3-Month Rolling Average	62-600.405(4) FAC
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	62-600.660(1) FAC
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	62-600.660(1) FAC
Monitoring Frequencies and Sample Types	-	-	-	All Parameters	62-600 FAC & 62-699 FAC and/or BPJ of permit writer
Sampling Locations	-	-	-	All Parameters	62-600, 62-610.412, 62-610.463(1), 62-610.568, 62-610.613 FAC and/or BPJ of permit writer

4. DISCUSSION OF CHANGES TO PERMIT LIMITATIONS

Total residual chlorine, fecal coliform, Giardia, Cryptosporidium, BOD, Carbonaceous 5 day, 20C and pH are now only required to be sampled at sample point EFA-01. The facility is now hydraulically connected at the outlets of the north and south chlorine contact basins therefore there is no longer a need to sample at two separate locations. Sampling at EFA-02 is no longer required for these parameters and has been removed from the permit.

5. BIOSOLIDS MANAGEMENT REQUIREMENTS

Biosolids generated by this facility may be transferred to Bonita Springs East WRF or disposed of in a Class I solid waste landfill.

See the table below for the rationale for the biosolids quantities monitoring requirements.

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Biosolids Quantity (Landfilled)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. FAC

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Biosolids Quantity (Transferred)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. & 850(4)(a) FAC
Monitoring Frequency		All Parameters			62-640.650(5)(a) FAC

6. GROUND WATER MONITORING REQUIREMENTS

Ground water monitoring requirements have been established in accordance with Chapters 62-520, 532, 601, 610, and 620, F.A.C. and are contained in Section IV of the permit.

7. PERMIT SCHEDULES

This permit does not contain a schedule of improvement actions.

8. INDUSTRIAL PRETREATMENT REQUIREMENTS

At this time, the facility is not required to develop an approved industrial pretreatment program. However, the Department reserves the right to require an approved program if future conditions warrant.

9. ADMINISTRATIVE ORDERS (AO) AND CONSENT ORDERS (CO)

This permit is not accompanied by an AO, and the permittee has not entered into a CO with the Department that affects this permit.

10. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

No variances were requested for this facility.

11. THE ADMINISTRATIVE RECORD

The administrative record is available for public inspection electronically at http://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/FLA014443/facility!search, or during normal business hours at the location specified in item 12. Copies will be provided at a minimal charge per page

12. DEP CONTACT

Additional information concerning the permit and proposed schedule for permit issuance may be obtained during normal business hours from:

Bill Robertson, P.E.
Professional Engineer I
South District Office

2295 Victoria Ave
Suite 364
Ft. Myers, FL 33901-3875

Telephone No.: (239) 344-5657

bill.d.robertson@floridadep.gov

Florida Department of Environmental Protection
Twin Towers Office Bldg., 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

PATHOGEN MONITORING

Part I - Instructions

1. Completion of this report is required by Rules 62-610.463(4), 62-610.472(3)(d), 62-610.525(13), 62-610.568(11), 62-610.568(12), and 62-610.652(6)(c), F.A.C., for all domestic wastewater facilities that provide reclaimed water to certain types of reuse activities. The schedule for sampling and reporting shall be in accordance with the permit for the facility. If a schedule for sampling or re-sampling is not included in the permit, the following schedule shall apply:

   a. Routine Sampling:

      If sampling is required once every two years, this report shall be submitted on or before November 28 of each even numbered year (2006, 2008, 2010, etc.).

      If sampling is required once every five years, this report shall be submitted with the application for permit renewal.

      If sampling is required quarterly, this report shall be submitted on or before February 28, May 28, August 28, and November 28 of each year.

   b. Subsequent Re-Sampling:

      If subsequent re-sampling is required by Item 9 in Part I of this form, this form shall be submitted for the subsequent re-sampling(s) in accordance with the schedule established in Item 9 in Part I of this form.

2. Submit one copy of this form and a copy of the laboratory's final report for the analysis of *Giardia* and *Cryptosporidium* to each of the following two addresses:

   a. The appropriate DEP district office (attention Domestic Wastewater Program). Addresses for the DEP district offices are available at www.dep.state.fl.us/secretary/dist/default.htm.

   b. DEP Water Reuse Coordinator
      Mail Station 3540
      2600 Blair Stone Road
      Tallahassee, Florida 32399-2400

3. Please type or print legibly.

4. In Part II, Items 7 through 12 need to be completed only if this is the first submittal of this report, if the information in Items 7 through 12 has changed since the last submittal, or if the information in any of these questions has not been previously provided.

5. Part III is to be used when sampling for *Giardia* and *Cryptosporidium* at the treatment plant. Part III is also to be used when sampling for *Giardia* and *Cryptosporidium* in a supplemental water supply (see Rule 62-610.472, F.A.C.).

6. For each sample, record the sample volume obtained in liters.

7. For *Giardia*, record the concentrations in cysts per 100 liters. For *Cryptosporidium*, record the concentrations in oocysts per 100 liters. Sufficient sample volumes shall be collected and processed such that the detection limit is no greater than 5 cysts or oocysts per 100 liters. Detection levels on the order of 1 cyst or oocyst per 100 liters are recommended. If an observation is less than the detection limit, make an entry in the form "<2" (where 2 per 100 liters is the detection limit in this example). The actual detection limit will be dictated by the volumes of sample obtained, filtered, and processed. Do NOT record nondetectable values as zero.

8. EPA Method 1623 or other approved methods for reclaimed water or nonpotable waters, adjusted appropriately to accommodate the detection limit requirements, shall be used. Methods previously allowed for EPA's Information Collection Rule (ICR) shall not be used. The full requirements of the approved method, including quality assurance and quality control, are to be met. Quality assurance and sampling requirements in Chapter 62-160, F.A.C., shall apply.

   Two concentrations of *Giardia* and *Cryptosporidium* shall be recorded on Part III of this form:

   a. Total cysts and oocysts shall be enumerated using EPA Method 1623 or other approved methods.

   b. Potentially viable cysts and oocysts shall be enumerated using the DAPI staining technique contained in EPA Method 1623 or similar enumeration techniques included in other approved methods. Cysts and oocysts that are stained DAPI positive or show internal structure by D.I.C. shall be considered as being potentially viable. If the laboratory reports separate values for DAPI positive and for cysts or oocysts having internal structure, the larger of the two concentrations will be reported as being potentially viable.

9. If the number of potentially viable cysts of *Giardia* reported exceeds 5 per 100 liters, a subsequent sample shall be taken and analyzed using EPA Method 1623 or other approved methods and reported using this form. If the number of potentially viable oocysts of *Cryptosporidium* reported exceeds 22 per 100 liters, a subsequent sample shall be taken and analyzed using EPA Method 1623 or other approved methods and reported using this form. This subsequent sample shall be collected within 90 days of the date the initial sample was taken, analyzed for both *Giardia* and *Cryptosporidium*, and the results of the subsequent analysis shall be submitted to DEP using this form within 60 days of sample collection.

10. Rule 62-160.300, F.A.C., requires that all laboratories generating environmental data for submission to the DEP shall hold certification from the Department of Health's (DOH) Environmental Laboratory Certification Program (ELCP). Certification by the ELCP for analysis of *Giardia* and *Cryptosporidium* using EPA Method 1623 for non-potable waters is required. If other approved methods are used, certification by the ELCP is required for the specific method and for the test matrix. Lists of certified laboratories can be found at www.dep.state.fl.us/labs/cgi-bin/aams/index.asp

11. Samples shall be collected during peak flow periods (normally between the hours of 8:00 a.m. and 6:00 p.m.).

12. Recognizing that concentrations of these pathogens generally increase during the late summer through fall period, it is recommended that utilities sample during the August through October time period.

13. If the wastewater treatment facility uses chlorination for disinfection, samples obtained for analysis of *Giardia* and *Cryptosporidium* shall be dechlorinated.

14. When sampling at the treatment facility, obtain a grab sample for total suspended solids (TSS) that is representative of the water leaving the filters at the treatment facility during the period when pathogen

samples are being obtained. In addition, record the highest turbidity and the lowest total chlorine residual observed during the period when pathogen samples are being obtained.

15. When sampling a supplemental water supply, obtain a grab sample for total suspended solids (TSS) that is representative of the surface water or treated stormwater as it is added to the reclaimed water system. This TSS sample shall be taken during the period when pathogen samples are being obtained. In addition, record the lowest total chlorine residual observed during the period when pathogen samples are being obtained.

Part II - General Information

1. DEP wastewater facility identification number: **FLA014443-037**

   Wastewater facility name: Bonita Springs Water Reclamation (West)

   Permittee name: Bonita Springs Utilities Inc

2. Person completing this form:

   Name: _____

   Telephone: (_____)_____

   Email address: _____

3. Sampling and analysis:

   Date samples were taken: _____

   Organization collecting the samples: _____

   Was the sample dechlorinated in the field? ☐ Yes ☐ No

   Was the sample refrigerated or kept on ice during shipment to the laboratory? ☐ Yes ☐ No

   Date samples delivered to laboratory: _____

   Date analytical work was done: _____

   Laboratory doing the analysis: _____

   Laboratory's DOH Identification Number: _____

   Approved method used:

   ☐ EPA Method 1623

   ☐ Other approved method: _____

   Contact person at the laboratory: _____

   Email address of the lab contact person: _____

4. Is this the first time that this form has been submitted for the facility?

   ☐ Yes [Please complete Questions 7 through 16.]

   ☐ No [Proceed to Question 5.]

5. Is this a report of "subsequent re-sampling" required by Item 9 in Part I of this form based on concentrations of potentially viable cysts or oocysts in a previous sampling?

☐ No [Proceed to Question 6.]

☐ Yes [Attach a description of any facility or operational changes made to the treatment facilities since the time of the previous sampling and proceed to Question 6.]

6. Has the information requested in Questions 7 through 12 (below) changed since the last submittal of this form?

☐ Yes [Please complete Questions 7 through 16.]

☐ No [Proceed to Questions 13 through 16 of Part II of this form. You do not need to complete Questions 7 through 12.]

7. Type of secondary treatment system:

☐ Conventional activated sludge ☐ Extended aeration

☐ Contact stabilization ☐ Biological nutrient removal (such as Bardenpho)

☐ Other: _____

8. Does this treatment facility nitrify (convert ammonia nitrogen to nitrate)? ☐ Yes ☐ No

9. Filter type:

☐ Deep bed, single media ☐ Deep bed, multiple media

☐ Shallow bed, automatic backwash ☐ Upflow (including Dynasand)

☐ Slow rate sand filter ☐ Diatomaceous earth filter

☐ Fabric filter ☐ Cartridge filter

☐ Membranes (microfiltration, ultrafiltration, membrane bioreactor, reverse osmosis)

☐ Other: _____

10. Filter Media (complete for each type of media provided):

Top layer of media: Media type: _____

Effective size: _____ mm

Uniformity coefficient: _____

Bed depth: _____ inches

Middle layer of media: Media type: _____

Effective size: _____ mm

Uniformity coefficient: _____

Bed depth: _____ inches

Bottom layer of media: Media type: _____

Effective size: _____ mm

Uniformity coefficient: _____

Bed depth: _____ inches

11. Filter backwash water:

☐ Backwash water is returned to the headworks of the treatment plant.

☐ Backwash water is returned to the aeration basin.

☐ Other. Please describe: _____

12. Disinfection system:

☐ Chlorination, gas ☐ Hypochlorite

☐ Chlorine dioxide ☐ Chlorination, other _____

☐ Ultraviolet ☐ Ozone

☐ Other: _____

13. Is chlorine added before the filters? ☐ No ☐ Yes Dose: _____ mg/L

14. During the period that samples were taken, did you add a coagulant, coagulant aid, polyelectrolyte, or other chemical to enhance filtration?

☐ No

☐ Yes. Please list the chemicals being added and their dose.

Chemical 1 - Name: _____ Dose: _____ mg/L

Chemical 2 - Name: _____ Dose: _____ mg/L

Chemical 3 - Name: _____ Dose: _____ mg/L

15. Wastewater treatment plant permitted capacity: _____ MGD

16. Wastewater flow being treated at the time samples were collected: _____ MGD

PART III - PATHOGEN MONITORING REPORT

FACILITY ID: FLA014443
FACILITY NAME: Bonita Springs Water Reclamation (West)
FACILITY ADDRESS: Ten Eighth St, Bonita Springs, FL 34134-7419
PERMITTEE NAME: Bonita Springs Utilities Inc
MAILING ADDRESS: 11860 E Terry St, Bonita Springs, Florida 34135- 6127
DATE OF SAMPLING: _____

Parameter	Quantity or Loading		Quality or Concentration	
	Sample Measurement	Units	Sample Measurement	Units
Treatment Plant: After Filter Monitoring Site No.				
Turbidity PARM Code 00070				NTU
TSS PARM Code 00530				mg/L
Treatment Plant: After Disinfection Monitoring Site No.				
Total Chlorine Residual PARM Code 50060				mg/L
Volume Collected PARM Code 71994		Liters		
Giardia, total count * PARM Code GIARD				total cysts/100 L
Giardia, potentially viable cysts * PARM Code VGIAR				potentially viable cysts/100 L
Cryptosporidium, total count * PARM Code CRYPT				total oocysts/100 L
Cryptosporidium, potentially viable oocysts * PARM Code VCRYP				potentially viable oocysts/100 L
Supplemental Water Supply (surface water or stormwater): After Treatment & Disinfection Monitoring Site No.				
TSS PARM Code 00530				mg/L
Total Chlorine Residual PARM Code 50060				mg/L
Volume Collected PARM Code 71994		Liters		
Giardia (total count) * PARM Code GIARD				total cysts/100 L
Giardia, potentially viable cysts * PARM Code VGIAR				potentially viable cysts/100 L
Cryptosporidium, total count * PARM Code CRYPT				total oocysts/100 L
Cryptosporidium, potentially viable oocysts * PARM Code VCRYP				potentially viable oocysts/100 L

* Data entries must be made for both total and potentially viable cysts and oocysts.

PART IV - CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based upon my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Name/Title of Principle Executive Officer or Authorized Agent (Type or Print)	Signature of Principle Executive Officer or Authorized Agent	Telephone No.	Date (YY/MM/DD)
	Email Address		

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
WATER USE INDIVIDUAL PERMIT

APPLICATION NO: 200930-1 **PERMIT NUMBER:** 36-00008-W

DATE ISSUED: March 1, 2022 **EXPIRATION DATE:** March 1, 2042

PERMITTEE: BONITA SPRINGS UTILITIES INC
11900 EAST TERRY STREET
BONITA SPRINGS, FL 34135

PROJECT NAME: BONITA SPRINGS UTILITIES

PROJECT LOCATION: Lee County, S-/T47S/R24E
S1-36/T47S/R25E

PROJECT DESCRIPTION/AUTHORIZING:

The use of groundwater from the Upper Floridan aquifer and Lower Tamiami aquifer for public water supply of the Bonita Springs service area, serving 164,025 persons in the year 2041 with an average per capita use rate of 100 gallons per day and a maximum monthly to average monthly pumping ratio of 1.24 with an annual allocation of 5,986 million gallons.

This is to notify you of South Florida Water Management District's (District) agency action concerning Permit Application Number 200930-1, received September 30, 2020. This action is taken pursuant to Chapter 373, Part II, Florida Statutes (F.S.), Rule 40E-1.603 and Chapter 40E-2, Florida Administrative Code (F.A.C.). Based on the information provided, District rules have been adhered to and a Water Use Individual Permit is in effect for this project subject to:

1. Not receiving a filed request for an administrative hearing pursuant to Section 120.57, F.S. and Section 120.569, F.S., or a request for a judicial review pursuant to Section 120.68, F.S.
2. The attached 38 permit conditions.
3. The attached 12 exhibits.

By acceptance and utilization of the water authorized under this permit, the Permittee agrees to hold and save the District and its successors harmless from any and all damages, claims or liabilities that may arise by reason of the construction, maintenance or use of activities authorized by this permit. Should you object to the permit, please refer to the attached "Notice of Rights" that addresses the procedures to be followed if you desire a public hearing or other review of the proposed agency action. Should you wish to object to the proposed agency action or file a petition or request, please provide written objections, petitions, requests and/or waivers to: Office of the District Clerk, South Florida Water Management District, 3301 Gun Club Road, West Palm Beach, FL 33406, or by email to clerk@sfwmd.gov.

CERTIFICATION OF SERVICE

I HEREBY CERTIFY THAT this written notice has been mailed or electronically transmitted to the Permittee (and the persons listed in the attached distribution list) this 2nd day of Mach, 2022, in accordance with Section 120.60(3), F.S. Notice was also electronically posted on this date through a link on the home page of the District's website (my.sfwmd.gov/ePermitting).

BY: Lisandra Jones
LISANDRA JONES
DEPUTY CLERK, SOUTH FLORIDA WATER MANAGEMENT DISTRICT

SPECIAL PERMIT CONDITIONS

1. This permit is issued to:

   Bonita Springs Utilities, Inc.
   11900 East Terry Street
   Bonita Springs, FL, 34135

2. This permit shall expire on March 1, 2042.
   However, the Permittee has requested an increased allocation from the LTA, which is a source of limited availability (Subsection 1.5.2 D of the AH). Therefore, the baseline duration of the requested increased LTA allocation shall be 5 years. The duration of the previously permitted LTA allocation and the entire UFA allocation shall be 20 years (Subsection 1.5.2.A.2 of the AH). Specifically, the water use permit shall have the following LTA allocations and durations:

   1. LTA East Wellfield Annual and Maximum Month allocations are 1,454 MG and 150 MG respectively, from February 1, 2022 until January 31, 2027.
   2. LTA East Wellfield Annual and Maximum Month allocations are 1,111 MG and 123.7 MG respectively, from February 1, 2027 until December 2041.
   3. LTA West Wellfield Annual and Maximum Month allocations are 1,197 MG and 124 MG respectively, from February 1, 2022 until January 31, 2027.
   4. LTA West Wellfield Annual and Maximum Month allocations are 983 MG and 98.58 MG respectively, from February 1, 2027 until December 2041.

3. Use classification is:

   Public Water Supply

4. Source classification is:

   Groundwater from:
   Lower Tamiami Aquifer
   Upper Floridan Aquifer

5. Allocation:

   Total annual allocation is 5,986.00 million gallons (MG). (16.40 MGD)

   Total maximum monthly allocation is 618.30 million gallons (MG).

   These allocations represent the amount of water required to meet the water demands as a result of a rainfall deficit during a drought with the probability of recurring one year in ten. The Permittee shall not exceed these allocations in hydrologic conditions less than a 1-in-10 year drought event. Compliance with the annual allocation is based on the quantity withdrawn over a 12-month time period. Compliance with the maximum monthly allocation is based on the greatest quantity withdrawn in any single month. The annual allocation expressed in GPD or MGD is for

informational purposes only.

If the rainfall deficit is more severe than that expected to recur once every ten years, the withdrawals shall not exceed that amount necessary to continue to meet the reasonable-beneficial demands under such conditions, provided no harm to the water resources occur and:

1. All other conditions of the permit are met; and

2. The withdrawal is otherwise consistent with applicable declared Water Shortage Orders in effect pursuant to Chapter 40E-21, F.A.C.

The Permittee has requested an increased allocation from the LTA, which is a source of limited availability (Section 1.5.2 D of the AH). Therefore, the baseline duration of the requested increased LTA allocation shall be 5 years. The duration of the previously permitted LTA allocation and the entire UFA allocation shall be 20 years (Section 1.5.2.A.2 of the AH). Specifically, the water use permit shall have the following LTA allocations and durations:

1. LTA East Wellfield Annual and Maximum Month allocations are 1,454 MG and 150 MG respectively, from February 1, 2022 until January 31, 2027.

2. LTA East Wellfield Annual and Maximum Month allocations are 1,111 MG and 123.7 MG respectively, from February 1, 2027 until December 2041.

3. LTA West Wellfield Annual and Maximum Month allocations are 1,197 MG and 124 MG respectively, from February 1, 2022 until January 31, 2027.

4. LTA West Wellfield Annual and Maximum Month allocations are 983 MG and 98.58 MG respectively, from February 1, 2027 until December 2041.

6. Withdrawal facilities:

Groundwater - Proposed:

4 - 8" X 80' X 500 GPM Wells Cased To 65 Feet
16 - 14" X 1000' X 700 GPM Wells Cased To 800 Feet

Groundwater - Existing:

1 - 12" X 101' X 1000 GPM Well Cased To 61 Feet
1 - 12" X 110' X 1000 GPM Well Cased To 82 Feet
1 - 14" X 1008' X 700 GPM Well Cased To 830 Feet
1 - 14" X 1120' X 1000 GPM Well Cased To 900 Feet
1 - 12" X 90' X 300 GPM Well Cased To 66 Feet
1 - 14" X 1063' X 1000 GPM Well Cased To 835 Feet
1 - 14" X 1030' X 700 GPM Well Cased To 805 Feet

1 - 14" X 886' X 700 GPM Well Cased To 705 Feet
1 - 14" X 1012' X 1000 GPM Well Cased To 805 Feet
1 - 8" X 80' X 350 GPM Well Cased To 64 Feet
1 - 8" X 85' X 150 GPM Well Cased To 70 Feet
1 - 16" X 1080' X 1000 GPM Well Cased To 815 Feet
1 - 14" X 843' X 1000 GPM Well Cased To 660 Feet
4 - 14" X 1000' X 700 GPM Wells Cased To 800 Feet
1 - 12" X 97' X 350 GPM Well Cased To 67 Feet
1 - 14" X 1063' X 1000 GPM Well Cased To 841 Feet
1 - 12" X 102' X 1000 GPM Well Cased To 73 Feet
2 - 12" X 115' X 1000 GPM Wells Cased To 65 Feet
1 - 12" X 701' X 2000 GPM Well Cased To 650 Feet
1 - 14" X 1040' X 1000 GPM Well Cased To 816 Feet
1 - 8" X 80' X 150 GPM Well Cased To 58 Feet
1 - 12" X 114' X 1000 GPM Well Cased To 91 Feet
1 - 12" X 115' X 1000 GPM Well Cased To 80 Feet
1 - 8" X 85' X 125 GPM Well Cased To 70 Feet
1 - 12" X 101' X 1000 GPM Well Cased To 78 Feet
5 - 12" X 100' X 325 GPM Wells Cased To 70 Feet

7. The Permittee shall submit all data as required by the implementation schedule for each of the permit conditions to: SFWMD at www.sfwmd.gov/ePermitting, or Regulatory Support, 3301 Gun Club Road, West Palm Beach, FL 33406.

8. The Permittee must submit the appropriate application form incorporated by reference in Rule 40E-2.101, F.A.C., to the District prior to the permit expiration date in order to continue the use of water.

9. The Permittee shall secure a well construction permit prior to construction, repair, or abandonment of all wells, as described in Chapter 40E-3, F.A.C.

10. Prior to any withdrawals at the project, the Permittee shall provide the results of the calibration testing of the identified water accounting method(s) and equip all existing and proposed withdrawal facilities with approved water use accounting method(s) pursuant to Subsection 4.1.1 of the Applicant's Handbook for Water Use Permit Applications within the South Florida Water Management District.

11. Every five years from the date of last calibration, the Permittee shall submit re-calibration data for each withdrawal facility.

12. Monthly withdrawals for each withdrawal facility shall be reported to the District quarterly. The water accounting method and means of calibration shall be stated on each report.

13. The Permittee shall notify the District within 30 days of any change in service area boundary that results in a change in demand that affects its permitted allocation. The allocation shall be modified to effectuate such change.

14. The Permittee shall maintain an accurate flow meter at the intake of the water treatment plant for the purpose of measuring daily inflow of water.

15. If at any time there is an indication that the well casing, valves, or controls leak or have become inoperative, repairs or replacement shall be made to restore the system to an operating condition. Failure to make such repairs shall be cause for filling and abandoning the well, in accordance with procedures outlined in Chapter 40E-3, F.A.C.

16. The Permittee shall submit to the District an updated "Summary of Groundwater (Well) Facilities" table ("Section IV - Sources of Water", Water Use Permit Application Form 1379) within 90 days of completion of the proposed wells identifying the actual total and cased depths, pump manufacturer and model numbers, pump types, intake depths and type of meters.

17. The Permittee shall notify the District within 30 days of entering into an inter-local agreement, contract, or other similar instrument to deliver or receive water outside of its service area or to serve a demand not identified to determine the allocation described in this permit. A copy of such agreement shall be provided to the District. The monthly volume of water delivered and/or received via each inter-local agreement, contract, or other similar instrument shall be submitted to the District at the same reporting frequency as the withdrawals for each withdrawal facility required in this permit.

18. The Permittee shall implement the wellfield operating plan submitted in support of the permit application, as described in the District staff report.

    The Wellfield Operating Plan for the Project is provided in Exhibit 10.

19. The Permittee shall determine unaccounted-for distribution system losses (for the entire distribution system) on a monthly basis, including the way these losses are calculated. Reports shall be submitted to the District on a yearly basis and are due by April 30th of each year.

    If unaccounted-for distribution system losses are greater than 10 percent for any given year, the Permittee shall submit to the District for approval, a formal leak detection program that meets the requirements of Subsection 4.1.2 of the Applicant's Handbook for Water Use Permit Applications within the South Florida Water Management District, to address the reduction of such water loss.

20. The Permittee shall submit to the District an updated "Summary of Groundwater (Well) or Surface Water (Pump or Culvert) Facilities" table ("Section IV - Sources of Water", Water Use Permit Application Form 1379) at least 30 days prior to a change in any facility status (e.g. installation, relocation, abandonment) to include all specifications of the well, pump or culvert (e.g. actual total

and cased depths, pump manufacturer and model numbers, pump types, intake depths and type of meters, culvert type, length, cross-section, diameter, height, width, invert elevation, control device, and water use accounting method).

21. The Permittee shall implement the following saline water intrusion monitoring program:

    The Permittee shall collect monthly and submit to the District quarterly the chloride ion concentration for LTA monitor wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7 and MW-8 and for each UFA production well.

22. This permit supersedes and/or cancels the following water use permit(s):

    36-04062-W

23. Pursuant to Section 373.236(4), F.S., every ten years from the date of permit issuance, the Permittee shall submit a water use compliance report for review and approval by District Staff to SFWMD at www.sfwmd.gov/ePermitting, or Regulatory Support, 3301 Gun Club Road, West Palm Beach, FL 33406.

24. The Permittee shall continue to submit monitoring data in accordance with the approved water level monitoring program for this project.

    The Permittee shall continue to collect monthly and submit to the District quarterly water level elevations for LTA monitor wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8 and for WTA monitor wells W-1, W-2, W-3, E-1, E-2, WB, EB, and RB. The well locations are shown on Exhibit 2, page 4.

25. Permittee must comply with the water conservation plan submitted in compliance with Subsection 2.3.2.D.1 of the Applicant's Handbook for Water Use Permit Applications within the South Florida Water Management District and described in the Staff Report.

26. Entities that control, either directly or indirectly, a wastewater treatment plant and/or reuse distribution system, and which have determined pursuant to Section 403.064, F.S., that use of reclaimed water is feasible, must provide the District with annual updates of the following information: (A) the status of distribution system construction, including location and capacity of lines; (B) a summary of uncommitted supplies for the next year; (C) copies of any new or amended local mandatory reclaimed water reuse zone ordinances; and (D) a list of end-users who have contracted to receive reclaimed water and the agreed upon quantity of water to be delivered.

27. Within five years of permit issuance and every five years thereafter, the Permittee shall submit a report summarizing the raw water quality of the UFA production wells for District staff review and approval. The report shall identify trends in salinity for each production well and evaluate the trends with respect to the Permittee's treatment protocols and constraints. The report shall include

specific recommendations regarding wellfield operations and treatment protocols, or upgrades needed to ensure the source of water supply remains suitable for public water supply. Should water quality trends change to a degree that changes to the treatment system or wellfield operation are necessary prior to the five year reporting cycle, the Permittee shall notify the District of these findings in writing and the reporting schedule shall be amended as prescribed by District staff. Solutions for dealing with unexpected water quality deterioration shall not include large-scale abandonment of the UFA but may include reduction in withdrawals from production wells, dilution of UFA water with water from other sources, or upgrading the treatment system to produce an acceptable product water quality and sustain the UFA for the duration of this permit.

STANDARD PERMIT CONDITIONS

1. All water uses authorized by this permit shall be implemented as conditioned by this permit, including any documents incorporated by reference in a permit condition. The District may revoke this permit, in whole or in part, or take enforcement action, pursuant to Section 373.136 or 373.243, F.S., unless a permit modification has been obtained to address the noncompliance.

   The Permittee shall immediately notify the District in writing of any previously submitted material information that is later discovered to be inaccurate.

2. The Permittee is advised that this permit does not relieve any person from the requirement to obtain all necessary federal, state, local and special district authorizations.

3. The Permittee shall notify the District in writing within 30 days of any sale, transfer, or conveyance of ownership or any other loss of permitted legal control of the Project and/or related facilities from which the permitted consumptive use is made. Where Permittee's control of the land subject to the permit was demonstrated through a lease, the Permittee must either submit a new or modified lease showing that it continues to have legal control or documentation showing a transfer in control of the permitted system/project to the new landowner or new lessee. All transfers of ownership are subject to the requirements of Rule 40E-1.6107, F.A.C. Alternatively, the Permittee may surrender the consumptive use permit to the District, thereby relinquishing the right to conduct any activities under the permit.

4. Nothing in this permit should be construed to limit the authority of the District to declare a water shortage and issue orders pursuant to Chapter 373, F.S. In the event of a declared water shortage, the Permittee must adhere to the water shortage restrictions, as specified by the District. The Permittee is advised that during a water shortage, reports shall be submitted as required by District rule or order. The Permittee is advised that during a water shortage, pumpage, water levels, and water quality data shall be collected and submitted as required by District orders issued pursuant to Chapter 40E-21, F.A.C.

5. This permit does not convey to the Permittee any property rights or privileges other than those specified herein, nor relieve the permittee from complying with any applicable local government, state, or federal law, rule, or ordinance.

6. With advance notice to the Permittee, District staff with proper identification shall have permission to enter, inspect, observe, collect samples, and take measurements of permitted facilities to determine compliance with the permit conditions and permitted plans and specifications. The Permittee shall either accompany District staff onto the property or make provision for access onto the property.

7. A. The Permittee may seek modification of any term of an unexpired permit. The Permittee is advised that Section 373.239, F.S., and Rule 40E-2.331, F.A.C., are applicable to permit modifications.

   B. The Permittee shall notify the District in writing 30 days prior to any changes to the project that

could potentially alter the reasonable demand reflected in the permitted allocation. Such changes include, but are not limited to, change in irrigated acreage, crop type, irrigation system, large users agreements, or water treatment method. Permittee will be required to apply for a modification of the permit for any changes in permitted allocation.

8. If any condition of the permit is violated, the permit shall be subject to review and modification, enforcement action, or revocation pursuant to Chapter 373, F.S.

9. The Permittee shall mitigate interference with existing legal uses that was caused in whole or in part by the Permittee's withdrawals, consistent with the approved mitigation plan. As necessary to offset the interference, mitigation will include pumpage reduction, replacement of the impacted individual's equipment, relocation of wells, change in withdrawal source, or other means.

   Interference to an existing legal use is defined as an impact that occurs under hydrologic conditions equal to or less severe than a 1-in-10 year drought event that results in the:

   A. Inability to withdraw water consistent with provisions of the permit, such as when remedial structural or operational actions not materially authorized by existing permits must be taken to address the interference; or

   B. Change in the quality of water pursuant to primary State Drinking Water Standards to the extent that the water can no longer be used for its authorized purpose, or such change is imminent.

10. The Permittee shall mitigate harm to the natural resources caused by the Permittee's withdrawals, as determined through reference to the conditions for permit issuance. When harm occurs, or is imminent, the District will require the Permittee to modify withdrawal rates or mitigate the harm. Harm, as determined through reference to the conditions for permit issuance includes:

    A. Reduction in ground or surface water levels that results in harmful lateral movement of the fresh water/salt water interface,

    B. Reduction in water levels that harm the hydroperiod of wetlands,

    C. Significant reduction in water levels or hydroperiod in a naturally occurring water body such as a lake or pond,

    D. Harmful movement of contaminants in violation of state water quality standards, or

    E. Harm to the natural system including damage to habitat for rare or endangered species.

11. The Permittee shall mitigate harm to existing off-site land uses caused by the Permittee's withdrawals, as determined through reference to the conditions for permit issuance. When harm occurs, or is imminent, the District will require the Permittee to modify withdrawal rates or mitigate the harm. Harm as determined through reference to the conditions for permit issuance, includes:

A. Significant reduction in water levels on the property to the extent that the designed function of the water body and related surface water management improvements are damaged, not including aesthetic values. The designed function of a water body is identified in the original permit or other governmental authorization issued for the construction of the water body. In cases where a permit was not required, the designed function shall be determined based on the purpose for the original construction of the water body (e.g. fill for construction, mining, drainage canal, etc.)

B. Damage to agriculture, including damage resulting from reduction in soil moisture resulting from consumptive use; or,

C. Land collapse or subsidence caused by reduction in water levels associated with consumptive use.

NOTICE OF RIGHTS

As required by Chapter 120, Florida Statutes, the following provides notice of the opportunities which may be available for administrative hearing pursuant to Sections 120.569 and 120.57, Florida Statutes, or judicial review pursuant to Section 120.68, Florida Statutes, when the substantial interests of a party are determined by an agency. Please note that this Notice of Rights is not intended to provide legal advice. Some of the legal proceedings detailed below may not be applicable or appropriate for your situation. You may wish to consult an attorney regarding your legal rights.

RIGHT TO REQUEST ADMINISTRATIVE HEARING

A person whose substantial interests are or may be affected by the South Florida Water Management District's (District) action has the right to request an administrative hearing on that action pursuant to Sections 120.569 and 120.57, Florida Statutes. Persons seeking a hearing on a District decision which affects or may affect their substantial interests shall file a petition for hearing in accordance with the filing instructions set forth herein within 21 days of receipt of written notice of the decision unless one of the following shorter time periods apply: (1) within 14 days of the notice of consolidated intent to grant or deny concurrently reviewed applications for environmental resource permits and use of sovereign submerged lands pursuant to Section 373.427, Florida Statutes; or (2) within 14 days of service of an Administrative Order pursuant to Section 373.119(1), Florida Statutes. "Receipt of written notice of agency decision" means receipt of written notice through mail, electronic mail, posting, or publication that the District has taken or intends to take final agency action. Any person who receives written notice of a District decision and fails to file a written request for hearing within the timeframe described above waives the right to request a hearing on that decision.

If the District takes final agency action that materially differs from the noticed intended agency decision, persons who may be substantially affected shall, unless otherwise provided by law, have an additional point of entry pursuant to Rule 28-106.111, Florida Administrative Code.

Any person to whom an emergency order is directed pursuant to Section 373.119(2), Florida Statutes, shall comply therewith immediately, but on petition to the board shall be afforded a hearing as soon as possible.

A person may file a request for an extension of time for filing a petition. The District may grant the request for good cause. Requests for extension of time must be filed with the District prior to the deadline for filing a petition for hearing. Such requests for extension shall contain a certificate that the moving party has consulted with all other parties concerning the extension and whether the District and any other parties agree to or oppose the extension. A timely request for an extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

FILING INSTRUCTIONS

A petition for administrative hearing must be filed with the Office of the District Clerk. Filings with the Office of the District Clerk may be made by mail, hand-delivery, or e-mail. Filings by facsimile will not be accepted. A petition for administrative hearing or other document is deemed filed upon receipt during normal business hours by the Office of the District Clerk at the District's headquarters in West Palm Beach, Florida. The District's normal business hours are 8:00 a.m. – 5:00 p.m., excluding weekends and District holidays. Any document received by the Office of the District Clerk after 5:00 p.m. shall be deemed filed as of 8:00 a.m. on the next regular business day. Additional filing instructions are as follows:

- Filings by mail must be addressed to the Office of the District Clerk, 3301 Gun Club Road, West Palm Beach, Florida 33406.

- Filings by hand-delivery must be delivered to the Office of the District Clerk. Delivery of a petition to the District's security desk does not constitute filing. It will be necessary to request that the District's security officer contact the Office of the District Clerk. An employee of the District's Clerk's office will receive and process the petition.
- Filings by e-mail must be transmitted to the Office of the District Clerk at clerk@sfwmd.gov. The filing date for a document transmitted by electronic mail shall be the date the Office of the District Clerk receives the complete document.

INITIATION OF AN ADMINISTRATIVE HEARING

Pursuant to Sections 120.54(5)(b)4. and 120.569(2)(c), Florida Statutes, and Rules 28-106.201 and 28-106.301, Florida Administrative Code, initiation of an administrative hearing shall be made by written petition to the District in legible form and on 8 1/2 by 11 inch white paper. All petitions shall contain:

1. Identification of the action being contested, including the permit number, application number, District file number or any other District identification number, if known.
2. The name, address, any email address, any facsimile number, and telephone number of the petitioner, petitioner's attorney or qualified representative, if any.
3. An explanation of how the petitioner's substantial interests will be affected by the agency determination.
4. A statement of when and how the petitioner received notice of the District's decision.
5. A statement of all disputed issues of material fact. If there are none, the petition must so indicate.
6. A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the District's proposed action.
7. A statement of the specific rules or statutes the petitioner contends require reversal or modification of the District's proposed action.
8. If disputed issues of material fact exist, the statement must also include an explanation of how the alleged facts relate to the specific rules or statutes.
9. A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the District to take with respect to the District's proposed action.

MEDIATION

The procedures for pursuing mediation are set forth in Section 120.573, Florida Statutes, and Rules 28-106.111 and 28-106.401–.405, Florida Administrative Code. The District is not proposing mediation for this agency action under Section 120.573, Florida Statutes, at this time.

RIGHT TO SEEK JUDICIAL REVIEW

Pursuant to Section 120.68, Florida Statutes, and in accordance with Florida Rule of Appellate Procedure 9.110, a party who is adversely affected by final District action may seek judicial review of the District's final decision by filing a notice of appeal with the Office of the District Clerk in accordance with the filing instructions set forth herein within 30 days of rendition of the order to be reviewed, and by filing a copy of the notice with the appropriate district court of appeals via the Florida Courts E-Filing Portal.

FINAL APPROVED BY
EXECUTIVE DIRECTOR OR DESIGNEE
MARCH 1, 2022

WATER USE STAFF REPORT

Application Number: 200930-1

Permit Number: 36-00008-W

Project Name: BONITA SPRINGS UTILITIES

Water Use Permit Status: MODIFICATION

Location: LEE COUNTY, S-/T47S/R24E
S1-36/T47S/R25E
S17,19,20,28,29,30-36/T47S/R26E
S1-4/T48S/R25E
S2-6/T48S/R26E

Applicant's Name and Address: BONITA SPRINGS UTILITIES INC
11900 EAST TERRY STREET
BONITA SPRINGS, FL 34135

Water Use Classification: Public Water Supply

Sources:

Groundwater from: Lower Tamiami Aquifer
Upper Floridan Aquifer

Authorized Allocation:

Annual Allocation:	5,986	Million Gallons (MG)
Maximum Monthly Allocation:	618.3	Million Gallons (MG)

Existing Withdrawal Facilities - Groundwater

Source: Lower Tamiami Aquifer
1 - 12" X 102' X 1000 GPM Well Cased to 73 Feet
1 - 12" X 90' X 300 GPM Well Cased to 66 Feet
1 - 12" X 101' X 1000 GPM Well Cased to 78 Feet
1 - 8" X 85' X 125 GPM Well Cased to 70 Feet
1 - 12" X 114' X 1000 GPM Well Cased to 91 Feet
1 - 8" X 80' X 150 GPM Well Cased to 58 Feet
1 - 8" X 80' X 350 GPM Well Cased to 64 Feet
2 - 12" X 115' X 1000 GPM Wells Cased to 65 Feet
1 - 12" X 101' X 1000 GPM Well Cased to 61 Feet
1 - 12" X 115' X 1000 GPM Well Cased to 80 Feet
1 - 12" X 110' X 1000 GPM Well Cased to 82 Feet
1 - 8" X 85' X 150 GPM Well Cased to 70 Feet
5 - 12" X 100' X 325 GPM Wells Cased to 70 Feet
1 - 12" X 97' X 350 GPM Well Cased to 67 Feet

Existing Withdrawal Facilities - Groundwater

Source: Upper Floridan Aquifer
1 - 16" X 1080' X 1000 GPM Well Cased to 815 Feet
4 - 14" X 1000' X 700 GPM Wells Cased to 800 Feet
1 - 12" X 701' X 2000 GPM Well Cased to 650 Feet
1 - 14" X 1040' X 1000 GPM Well Cased to 816 Feet
1 - 14" X 1012' X 1000 GPM Well Cased to 805 Feet
1 - 14" X 1063' X 1000 GPM Well Cased to 835 Feet
1 - 14" X 886' X 700 GPM Well Cased to 705 Feet
1 - 14" X 1030' X 700 GPM Well Cased to 805 Feet
1 - 14" X 1063' X 1000 GPM Well Cased to 841 Feet
1 - 14" X 843' X 1000 GPM Well Cased to 660 Feet
1 - 14" X 1120' X 1000 GPM Well Cased to 900 Feet
1 - 14" X 1008' X 700 GPM Well Cased to 830 Feet

Proposed Withdrawal Facilities - Groundwater

Source: Lower Tamiami Aquifer
4 - 8" X 80' X 500 GPM Wells Cased to 65 Feet
Source: Upper Floridan Aquifer
16 - 14" X 1000' X 700 GPM Wells Cased to 800 Feet

Rated Capacity Source	Status Code	GPM	MGM	MGY
Lower Tamiami Aquifer	E	11,050	483.7	5,808
Upper Floridan Aquifer	E	13,900	608.5	7,306
Lower Tamiami Aquifer	P	2,000	87.6	1,051
Upper Floridan Aquifer	P	11,200	490.3	5,887
Totals:		**38,150**	**1,670.1**	**20,052**

PURPOSE

The purpose of this application is to modify Water Use Permit 36-00008-W for public water supply for Bonita Springs Utilities. Withdrawals are from the Lower Tamiami aquifer (LTA) and Upper Floridan aquifer (UFA).

PROJECT DESCRIPTION

Bonita Springs Utilities (Project) is a member-owned not-for-profit utility established to supply potable water and wastewater service within its service area. The service area depicted in Exhibit 1 is approximately 60 square miles and is located in southwestern Lee County and includes the City of Bonita Springs and adjacent areas in the Village of Estero and unincorporated Lee County. The Permittee owns and operates reverse osmosis (RO) and lime softening (LS) water treatment plants (WTPs) located at the East Terry Street Campus to treat their groundwater supply (Exhibit 2). The WTPs currently receive raw water for public water supply from the UFA and the LTA. Each aquifer was previously permitted separately: Water Use Permit (WUP) 36-04062-W was issued for withdrawals from the UFA (expired on November 15, 2021) and WUP 36-00008-W was issued for withdrawals from the LTA and expires on August 9, 2027.

PROJECT DESCRIPTION (CONTINUED)

WUP 36-00008-W previously allowed withdrawals from two wellfields (East and West) via 20 production wells. The UFA wellfield is located within the LTA West Wellfield. See Exhibit 2, page 4 of 5 for the location of the production and monitoring wells.

In this application, the Permittee is requesting a permit modification to merge both permits under WUP 36-00008-W, add 15 proposed UFA wells, add four proposed LTA wells and increase raw water supply allocation for both the UFA and the LTA (for operational flexibility and rotational capacity) from 496 million gallons maximum month (MGM) to 522 MGM and from 222.3 MGM to 274 MGM, respectively, but without exceeding the combined withdrawals of 618.3 MGM in any month. The Permittee proposes to increase withdrawals from both sources: the LTA annual allocation from 2,094 million gallons (MG) to 2,652 MG and the UFA annual allocation from 4,769 MG up to the full permit allocation of 5,986 MG for a total offset of LTA allocation, in case withdrawals from the LTA may cause wetland impacts, saline water intrusion, or be interrupted for other reasons.

Wellfield Operational Plan:
To meet 2041 demands, the Permittee proposes a wellfield expansion of both the UFA and LTA that will allow for operational flexibility and rotational capacity. The operational plan includes multiple configurations, such that the combination of withdrawals from the UFA and the LTA shall not exceed the maximum month permitted withdrawals 618.3 MGM. The detailed wellfield operational plan for the Project is shown on Exhibit 10. The benefit of implementing this operational plan allows production wells to be rotated in manner to reduce the concentration of drawdown in specific areas, allows for planned or unplanned events such as maintenance or rehabilitation, and maximizes the life of each production well. The LTA production wells will be in a weekly rotating schedule, alternating based on whether they are even or odd numbered. The Project withdrawals are from the UFA via 16 existing (wells 25 through 40) and 15 proposed (wells 41 through 55) production wells, and from the LTA via 19 existing (wells 5 through 24) and four proposed wells (well 1A, 2A, 3A and 4A). The UFA well 38, while permitted, is not currently used due to water quality issues, and well 39 has not yet been installed (a proposed well). Property control has been obtained or is being finalized for wells 41 through 44, 46 through 53, and 55. Negotiations for property control for the proposed wells 45 and 54 is ongoing. Well construction details are shown on Exhibit 3. Prior to drilling the proposed wells, it will be necessary to obtain well construction permits from Lee County.

Interconnections:
The Project has an existing two-way interconnection with Lee County Utilities and an interconnection with Collier County Utilities to receive water only.

Permit History:
WUP 36-00008-W was initially issued on October 19, 1978. The permitted withdrawal facilities were six existing and six proposed wells withdrawing from the LTA. These wells were later designated as the coastal West Wellfield. In 1982, the permit was reissued to

PROJECT DESCRIPTION (CONTINUED)

increase the allocation and to add seven LTA wells. The permit was modified in 1988 to include additional wells. In 1993 the permit was modified and re-issued to add the East Wellfield (also known as East Terry Street Wellfield). This wellfield is located two miles in land of the West Wellfield. The purpose was to reduce the potential for saline water intrusion at the West Wellfield by shifting some of the withdrawals from the coast during the dry season. That modification provided that after the East Wellfield became operational, withdrawals at the West Wellfield were to be limited to 3.18 MG on a maximum day basis and 983 MG (2.7 million gallons per day [MGD]) on an annual basis. These constraints have been maintained in all subsequent permit modifications/renewals (excluding this current permit modification). The permit was modified on November 13, 1997 to increase the annual allocation to 1,419 MG and the maximum daily allocation to 5.61 MG. The permit was again modified in 1999 to increase the maximum daily withdrawal to 8.01 MG and 2,094 MG on an annual basis and to add the Aquifer Storage and Recovery (ASR) well to the permit. However, no specific allocation was assigned to the ASR activities. WUP 36-00008-W was re-issued after it was modified in 2001 through Application 001227-7 (the permit for the UFA wellfield was issued at the same time through Application 010724-1). This permit limited the LTA allocations for both wellfields to what was recommended in the 1999 permit modification. However, the existing demands were more than the 1999 allocations. In conjunction with the issuance of the modification pursuant to Application 001227-7 an Operational Consent Agreement was issued for the operation of the Project's LTA wellfields. The Permit and the Operational Consent Agreement were intended to work together to address the Project's potential necessity to exceed permitted LTA withdrawal limitations during the timeframe required to construct the UFA wellfield and ancillary water treatment facilities. The Consent Agreement concluded that the potential harm to wetlands or induced movement of saline water would not cause permanent damage during the time frames and at the withdrawal rates while the UFA source was being developed. The Consent Agreement expired April 30, 2004. WUP 36-00008-W supersedes WUP 36-04062-W. The current application for modification was received timely.

PROJECTED WATER USE DEMANDS

Based on historical water use, the Permittee identified the projected demand for each component of the uses listed in Subsection 2.3.1.F of the Applicant's Handbook (AH) for Water Use Permit Applications within the South Florida Water Management District (District). The total Project demands are 618.3 MGM and 5,986 MGY based on the average month demand times the maximum month to average month peaking ratio of 1.24 (Section 2.3.1.F of the AH). The Project is expected to serve 164,025 people in 2041 at a per capita use rate (PCUR) of 100 gallons per person (raw water). Water use demands for the Project are appended on Exhibit 4.

IMPACT EVALUATION

In order to provide reasonable assurances that the conditions for permit issuance are met, the Permittee provided two numerical groundwater flow models: a) the District Lower West Coast Floridan Model (LWCFM) which uses the SEAWAT (Version 4)

IMPACT EVALUATION (CONTINUED)

computer code (United States Geological Survey [USGS], 2012) for the UFA impact analysis, and b) the District Lower West Coast Surficial and Intermediate Model (LWCSIM) which represents simulation of the LTA impact analysis. These models were adjusted from their original stress periods (288) used for water use planning scope and projection to 21 stress periods according to the criteria for numerical impact assessments set forth in Subsection 3.1.2.B of the AH. Additionally, the LWCSIM for LTA withdrawals was updated with the operational data of the Project's wellfields collected through December, 2019. Because the horizontal and vertical hydraulic conductivities were updated with most recent published values, the model was revised for these parameters and was re-calibrated. However, model grid and other aquifer parameters, and boundary conditions were preserved within the model domain. No changes to the LWCFM were performed except the wellfile update through the simulation periods (updated withdrawals from UFA). The withdrawals of maximum monthly demand for the Project, equivalent to 17.17 MGD from the UFA and 9 MGD from the LTA were simulated for a 1-in-10 year drought to evaluate the potential impacts on existing legal users, wetland environments, saline water sources and potential sources of pollution.

Conclusions:
FAS Modeling:
The LWCFM simulations for the proposed withdrawals from the UFA result in less drawdown and smaller increases in total dissolved solids (TDS) concentrations in the UFA near the Project's wellfield than the permitted withdrawals due to the redistribution of withdrawals among additional UFA production wells. The maximum drawdown simulation in the UFA due to the previously permitted allocation is 18.4 feet, whereas the maximum drawdown simulation in the UFA due to the proposed withdrawals (an addition of 1.17 MGD) is 14.4 feet. In addition, simulated drawdown to the existing legal users under the proposed demand is similar to simulated impacts to the existing legal users under the permitted allocation (or less).

LTA Modeling:
The background water level data collected after the constant-rate pumping test at LTA well PW-1 well and the results of three aquifer performance tests (APT) indicate that a high degree of hydraulic separation exists between the WTA and the LTA. The results of the LWCSIM simulations indicate that no impacts are anticipated to the source, existing legal users and wetlands as a result of the proposed withdrawals of the LTA. Further details on the proposed withdrawals are given in the respective Water Resource Impact Evaluation sections of this staff report.

The models output results in the form of drawdown isocontour maps of the impact analysis for the Project are given on Exhibits 6A (LTA) and 6B (UFA). Models details are available in ePermitting.

WATER RESOURCE IMPACT EVALUATION

Water Resource Availability

Lower Tamiami Aquifer-East Wellfield

The average land surface elevation within the Project's East Wellfield is approximately 15 feet National Geodetic Vertical Datum (NGVD). The top elevation of the LTA in this area, as estimated from the original engineering report for the East Wellfield (Missimer, 1990) and further studies undertaken in 2021 as part of this permit modification (BSU LTA Investigation Report 21-185, RMA GeoLogic Consultants Inc.), is approximately -65 feet NGVD. The LTA in the Project service area is comprised of Ochopee limestone, a late Pliocene carbonate sequence that is sandwiched between underlying marine siliciclastics of the late Miocene to early Pliocene Peace River Formation and an overlying low permeability confinement of late Pliocene known as the Bonita Springs marl. The LTA regional structural boundaries and hydrologic unit cross-sections near the Project are shown in Exhibit 5A. The maximum developable limit (MDL) of the LTA near the East Wellfield is approximately -45 feet NGVD. The lowest water level at monitor well MW-8 (Exhibit 7A, page 5), located approximately 50 feet east of the production well 20 in the East Wellfield, is -9.0 feet NGVD (April 2017). According to model results (Exhibit 6A, page 2), the maximum cumulative drawdown in the East Wellfield is expected to be approximately 3.3 feet. Therefore, approximately 32 feet of potentiometeric head will remain above the MDL, which corresponds with a potentiometric head of 52 feet above the structural top of the LTA. Therefore, the potential for harm to occur to the water resource availability of the LTA as a result of the recommended allocation is considered minimal.

Lower Tamiami Aquifer-West Wellfield

The land surface elevation within the Project's West Wellfield varies from 15 feet NGVD near proposed well 1A to the north of the wellfield to 11.5 feet NGVD near production well 7 in the south end of the wellfield. The average land surface elevation is approximately 13 feet NGVD. The top elevation of LTA in this area, as estimated from the test well TW-1 located approximately 240 feet southwest of production well 16 (BSU LTA Investigation Report 21-185, RMA GeoLogic Consultants Inc.) is approximately -60 feet NGVD. Therefore, the MDL of the LTA near the West Wellfield is approximately -40 feet NGVD. The lowest water level at monitor well MW-4 (Exhibit 7A, page 4), located approximately 40 feet east of the production well 14 in the West Wellfield, is -11.0 feet NGVD (April 2017). According to model results (Exhibit 6A, pages 1-2), the maximum cumulative drawdown in the West Wellfield is expected to be approximately 10 feet. Therefore, approximately 19 feet of potentiometric head will remain above the MDL, which corresponds with a potentiometric head of 39 feet above the structural top of the LTA. Therefore, the potential for harm to occur to the water resource availability of the LTA as a result of the recommended allocation is considered minimal.

Upper Floridan Aquifer

The average land surface elevation at the Project is approximately 12 feet NGVD. The Lower Hawthorn aquifer and the Suwannee aquifer comprise the UFA in this area.

WATER RESOURCE IMPACT EVALUATION (CONTINUED)

The Lower Hawthorn aquifer underlies the Lower Hawthorn confining zone and the top of the aquifer occurs approximately at -680 feet NGVD (Exhibit 5B). The top of the Suwannee aquifer occurs approximately at -820 feet NGVD and extends to a depth of -1,210 feet NGVD. It appears there is no confinement between the Suwannee and the Lower Hawthorn aquifers (Hydrogeologic Reconnaissance of Lee County, Florida, Technical Publication Report 82-01). Two USGS monitor wells, one near the top (L-2295) and another near the base (L-1634) of the UFA were selected for water level reference. The lowest water level in monitoring well L-2295 for the period of record from January 2000 through February 2021 is approximately 21.4 feet NGVD (April 2011) and the lowest water level in monitoring well L-1634 for the period of record from January 1976 through July 2013 (Exhibit 8) is approximately 27.6 feet NGVD (June 1991). Monitoring wells L-2295 and L-1634 are located approximately 4.5 miles north and 7 miles northwest, respectively from the central area of the UFA wellfield and are near the edge of the cone of depression of the Project withdrawals. However, the UFA monitoring well LM-2041 within Pelican Nest Golf Club (WUP 36-00433-W) is located within the Project's UFA cone of influence (approximately 1.5 mile west of the central area of the UFA wellfield) and is more representative to compare the current water level elevation with that expected due to the increase in allocation from 16 MGD to 17.17 MGD. The lowest water level in monitoring well LM-2041 for the period of record from January 2011 through April 2020 is approximately -25 feet NGVD (February 2011). Model results indicate that a maximum drawdown of approximately 14.4 feet (Exhibit 6B) may occur in the vicinity of UFA production wells 30 and 35 due to the proposed increase in allocation as compared to 18.4 feet of drawdown due to the currently permitted withdrawals of 16 MGD. The proposed wellfield expansion and redistribution of withdrawals (7% greater than the currently permitted allocation) among 30 UFA wells over a larger area will result in less drawdown in the UFA wellfield. Considering a top elevation of the aquifer at -680 feet NGVD, a potentiometric head of -25 feet NGVD, and the maximum drawdown of approximately 14 feet as a result of the proposed withdrawals, the potentiometric head is expected to be approximately 641 feet above the top of the aquifer (or approximately -39 feet NGVD). Therefore, the potential for harm to occur to the water resource availability of the UFA as a result of the Project withdrawals is considered minimal.

Existing Legal Users

Lower Tamiami Aquifer-East Wellfield

The nearest existing legal user to the Project's East Wellfield is well W-1 in WUP 36-06721-W (Farmer Mike's Produce) located approximately 1.8 miles northwest of East Wellfield well 20. The pump intake elevation in LTA wells in this area is set at a depth of approximately 60 feet below land surface (bls) or approximately -45 feet NGVD. Based on the model results (Exhibit 6A, page 2) a maximum cumulative drawdown of approximately 5.5 feet is predicted at this user's well. Considering the lowest recorded groundwater elevation of about -9.0 feet NGVD near the East Wellfield, a potentiometric head of approximately 30 feet is expected to remain above the pump intake. Therefore, the potential for harm to occur to the existing legal users of the LTA

as a result of the recommended allocation is considered minimal.

Lower Tamiami Aquifer-West Wellfield

The nearest existing legal user to the Project's West Wellfield is well W-1 in WUP 36-06721-W (Farmer Mike's Produce) located approximately 0.5 miles southeast of West Wellfield well 8. The pump intake elevation in LTA wells in this area is set at a depth of approximately 60 feet bls or approximately -45 feet NGVD. Based on the model results, a maximum cumulative drawdown of approximately 5.5 feet is predicted to this user's well. Considering the lowest recorded water elevation of about -11 feet NGVD near the West Wellfield (at monitoring well MW-4), a potentiometric head of approximately 28 feet is expected to remain above the pump intake. Therefore, the potential for harm to occur to the existing legal users of the LTA as a result of the recommended allocation is considered minimal.

Upper Floridan Aquifer

The nearest existing legal user of the UFA is well LM-6827 within the Pelican Nest Golf Club (WUP 36-00433-W), located approximately one mile west of the central area of the UFA wellfield. As a result of the redistribution of withdrawals among the Project's UFA proposed wells, the drawdown at this well is approximately 2.0 feet less then the drawdown in the previous permit (Exhibit 6B). There are two other major existing legal users of the UFA, the Pinewoods PWS (WUP 36-00122-W) and Collier County PWS (WUP 11-00249-W) that have coexisted with the Project. The Project's proposed withdrawals are not inducing any measurable drawdown to these existing legal users. Therefore, the potential for harm to occur to the existing legal users of the UFA as a result of the Project withdrawals is considered minimal.

Existing Off Site Land Uses

Lower Tamiami Aquifer-East Wellfield

Land uses that are dependent upon water being on or near land surface and that existed prior to this application are protected from harm. The Permittee's service area includes golf courses, residential and agricultural users that also withdraw from the LTA. Approximately 25 feet of low permeability material (Bonita Springs marl) separate the LTA from the WTA and surface waterbodies at the location of the East Wellfield (Exhibit 5A). Additionally, the maximum cumulative drawdown in the WTA near the East Wellfield is approximately 0.0 feet (Exhibit 6A, pages 3-4). Therefore, pursuant to Subsection 3.6.2 of the AH, the use is not expected to result in significant reduction in water levels on the property of an existing off-site land use to the extent that: the designed function of a water body and related surface water management improvements are damaged (not including aesthetic values); or result in damage to agriculture, including damage resulting from reduction in soil moisture resulting from water use, or land collapse or subsidence caused by reduction in water levels associated with water use.

Lower Tamiami Aquifer-West Wellfield

Land uses that are dependent upon water being on or near land surface and that existed prior to this application are protected from harm. The Permittee's service area

includes golf courses, residential and agricultural users that also withdraw from the LTA. The low permeability material of the Bonita Springs marl is thicker (approximately 50 feet) in the northern end of the West Wellfield and becomes thinner to the south. Interestingly, the thickest Bonita Springs marl confining unit is also at the highest drawdown location in the LTA. An average thickness of approximately 35 feet of Bonita Springs marl separates the West Wellfield LTA from the WTA and surface waterbodies. Model results show that maximum cumulative drawdown in WTA within a mile radius of the West Wellfield is approximately 0.0 feet. However, based on the model results approximately 0.35 feet of drawdown in the WTA (which is considered a negligible drawdown) is predicted at a location of 1.1 miles northwest of the West Wellfield due to other WTA user and more seepage infiltration (higher leakance) of WTA at this area. Therefore, pursuant to Subsection 3.6.2 of the AH, the use is not expected to result in significant reduction in water levels on the property of an existing off-site land use to the extent that: the designed function of a water body and related surface water management improvements are damaged (not including aesthetic values); or result in damage to agriculture, including damage resulting from reduction in soil moisture resulting from water use, or land collapse or subsidence caused by reduction in water levels associated with water use.

Upper Floridan Aquifer

Land uses that are dependent upon water being on or near land surface and that existed prior to this application are protected from harm. The Permittee's service area includes golf courses, landscape and public water supply users that also withdraw from the UFA. However, more than 200 feet of low permeability material and several aquifers separate the UFA from the WTA and surface water bodies. Therefore, the drawdown in the WTA and surface water bodies as a result of the Project's withdrawals is negligible. Pursuant to Section 3.6.2 of the AH, the use is not expected to result in significant reduction in water levels on the property of an existing off-site land use to the extent that: the designed function of a water body and related surface water management improvements are damaged (not including aesthetic values); or result in damage to agriculture, including damage resulting from reduction in soil moisture resulting from water use, or land collapse or subsidence caused by reduction in water levels associated with water use.

Migration of Saline Water

Lower Tamiami Aquifer-East Wellfield

The nearest source of saline surface water is Estero Bay, located approximately six miles west of the East Wellfield This wellfield is also located two miles east of the West Wellfield. As mentioned above, the dry season water level within the vicinity of the East Wellfield is approximately -9.0 feet NGVD and the highest chloride concentration (Exhibit 7A, page 5) for the last 10 years is approximately 108 milligrams per liter (mg/L). The annual percentage change of the chloride concentration for the period 2004 through 2020 for the East Wellfield LTA wells does not exceed 0.4% (well 19) (Exhibit 7A, pages 1-2). The East Wellfield is located approximately 3 miles northeast of the 250 mg/L isochlor line (Exhibit 7A, page 3) in

the LTA. The Permittee will continue to provide chloride concentrations for all LTA monitoring wells, according to Special Permit Condition 21. Therefore, the potential for saline water intrusion or upconing to occur as a result of the recommended allocation is considered minimal.

Lower Tamiami Aquifer-West Wellfield

The nearest source of saline surface water is Estero Bay, located approximately four miles west of the West Wellfield. As mentioned above, the dry season water level near the West Wellfield is approximately -11.0 feet NGVD and the highest chloride concentration (Exhibit 7A, Page 4) for the last 10 years is approximately 110 mg/L. The annual percentage change of the chloride concentration for the period 2004 through 2020 for West Wellfield LTA wells does not exceed 4.3% (well 10) (Exhibit 7A, pages 1-2) and the highest chloride concentration for this wellfield does not exceed 108 mg/L (well 20). The 250 mg/L isochlor line in the LTA is located approximately 2 miles southwest of the nearest well in the West Wellfield (Exhibit 7A, page 3). The Permittee will continue to provide chloride concentrations for all LTA monitoring wells, according to Special Permit Condition 21. Therefore, the potential for saline water intrusion or upconing to occur as a result of the recommended allocation is considered minimal.

Upper Floridan Aquifer

The nearest source of saline surface water is Estero Bay, located approximately 3.5 miles west of the UFA wellfield. However, more than 200 feet of low permeability material and several aquifers separate the UFA from the WTA and surface water features. The UFA is a saline, confined aquifer. It is underlain by the Ocala and Avon Park aquifers which have a higher chloride concentration than the Suwannee aquifer. A search of water quality data from packer tests and completed monitor zones indicates that chloride and TDS concentrations in the UFA between 670 feet and 1,000 feet bls exceed potable drinking water standards. Chloride and TDS concentrations within this interval average 640 mg/L and 1,680 mg/L, respectively. Historical withdrawals from the Project's UFA production wells (Exhibit 7B) show an increasing trend in the annual change of the chloride concentration as high as 12.8% (well 40) and 7.5% for monitoring wells (Well 1). Model results for a selected cell (Row 224; Column 160) located where the drawdown is the highest (between wells 30 and 35) show an increase of the TDS of approximately 1,500 mg/L by the end of the permit (2041) for the current permitted withdrawals. However, this increasing trend of the TDS is smaller for the Project's proposed withdrawals by approximately 500 mg/L in 2041. According to Special Limiting Condition 21, the Permittee shall continue to provide to the District monthly chloride concentration data on quarterly basis for each UFA production well. Based on these facts and precautions, the potential for saline water intrusion or upconing to occur as a result of the Project's withdrawals is considered minimal.

WATER RESOURCE IMPACT EVALUATION (CONTINUED)

Wetland Environments

Lower Tamiami Aquifer-East Wellfield

There are wetlands adjacent and in the vicinity of the wellfield boundary. The majority of the wetlands adjacent to this wellfield are cypress forest that are part of the Hidden Cypress Preserve. There are no District conservation easements within the vicinity of the wellfield and within the cone of depression. For the location of wetlands, please refer to Exhibit 1, page 2. The average land surface elevation within the wellfield is approximately 15 feet NGVD. The top elevation of the LTA in this area is approximately -65 feet NGVD. Wetland monitoring was initiated under Application 061103-11 with the most recent monitoring report being submitted in December 2021. New modeling conducted as part of this application has better defined the confinement between the LTA and the WTA, and no adverse wetland impacts are expected in the WTA. According to the updated model results, the maximum cumulative drawdown in the LTA in the East Wellfield is expected to be approximately 3.3 feet. Water level monitoring in the WTA and the LTA will be conducted via eight monitoring wells for each source, as depicted on Exhibit 2, page 4, and as required by Special Permit Condition 24. Based on the submitted groundwater modeling and the proposed water level monitoring in the WTA, and based on the narrative standard, the potential for harm to occur to the wetlands in the vicinity of the wellfield as a result of the withdrawal of the recommended allocation is considered minimal.

Lower Tamiami Aquifer-West Wellfield

There are wetlands within, adjacent and in the vicinity of the wellfield boundary. The adjacent wetlands are primarily cypress forest and are associated with Corkscrew Regional Ecosystem Watershed lands that extend to the east of the wellfield. There are no District conservation easements within the vicinity of the wellfield and within the cone of depression. The land surface elevation within the West Wellfield varies from 15 feet to 11.5 feet NGVD. The top elevation of LTA in this area is approximately -60 feet NGVD. Wetland monitoring was initiated under Application 061103-11 with the most recent monitoring report being submitted in December 2021. New modeling conducted as part of this application has better defined the confinement between the WTA and the LTA, and no adverse wetland impacts are expected in the WTA. According to the updated model results, the maximum cumulative drawdown in the LTA in the West Wellfield is expected to be approximately 10 feet. Water level monitoring in the WTA and LTA will be conducted via eight monitoring wells for each source, as depicted on Exhibit 2, page 4, and as required by Special Permit Condition 24. Based on the submitted groundwater modeling and the proposed water level monitoring in the WTA, and based on the narrative standard, the potential for harm to occur to the wetlands in the vicinity of the wellfield as a result of the withdrawal of the recommended allocation is considered minimal.

Upper Floridan Aquifer

There are on-site and off-site wetland preserves in the service area. More than 200 feet of low permeability material and several aquifers separate the UFA from the WTA and surface water bodies. Based on the thickness of the confining units, and the

application of the narrative standard, the potential for impacts to occur to on-site and off-site wetlands as a result of the withdrawal of the recommended allocation is considered minimal.

Sources of Pollution

Lower Tamiami Aquifer-East Wellfield

Based on the results of the modeling, the maximum cumulative drawdown in the WTA, where sources of pollution generally occur, near the East Wellfield is approximately 0 feet. Therefore, the potential for the induced movement of contaminants from known sources of pollution to occur as a result of the withdrawal of the recommended allocation is considered minimal.

Lower Tamiami Aquifer-West Wellfield

Based on the results of the modeling, the maximum cumulative drawdown in the WTA, where sources of pollution generally occur, near the West Wellfield is approximately 0 feet. Therefore, the potential for the induced movement of contaminants from known sources of pollution to occur as a result of the withdrawal of the recommended allocation is considered minimal.

Upper Floridan Aquifer

More than 200 feet of low permeability material and several aquifers separate the UFA from the WTA and surface water bodies. Therefore, the potential for the induced movement of contaminants from known sources of pollution to occur as a result of the withdrawal of the recommended allocation is considered minimal.

ADDITIONAL INFORMATION

Regional Issues

Maximum Developable Limits

As stipulated in Subsection 3.9.3 of the AH, the LTA has a MDL of 20 feet above the top of the uppermost strata in the aquifer. The MDL discussion for the LTA is in the above Water Resource Availability section of this staff report. Based on the impact evaluation, withdrawal of the recommended allocation for this water use permit does not cause the LTA to reach the MDL in the vicinity of the Project.

Project Site Issues

Legal Control and Land Use

Records from Lee County Property Appraiser and corporate records from Sunbiz.org demonstrate that Permittee maintains legal control of the Project site. The Project and the requested demand for oublic water supply is compatible with the land use at the Project (Subsections 2.1.1, 2.1.2 and 2.1.3. Property control has been obtained or is being finalized for most of the proposed wells. Although the site locations for two proposed wells (UFA wells 45 and 54) are within the service area, the Permittee is still in negotiations to obtain the property control for these wells.

ADDITIONAL INFORMATION (CONTINUED)

Water Conservation Plan

As part of the Standard Conservation Plan, the Permittee has been actively investigating how to reduce unaccounted for losses below 10 percent. However, the three most recent years show that unaccounted for losses are approximately 12 percent (Exhibit 4, page 4). For this reason, as part of the water loss reduction program, the following efforts have been implemented:

2015 - All flow meters at the wells and at the WTPs calibrated by a third party to validate the calibrations.
2016 - Started to make sure that all flushing was recorded with a meter as opposed to estimating and making sure that all utility-owned connections had meters installed.
2017 - Investigated data to see if errors might be contributing to unaccounted for water.
2018 - Started meter reading at all lift stations and utility-owned locations
2019 - Customer service software was reviewed and BSU implemented a tool to help correctly and consistently capture data from the system.
2020 - Hired MatchPoint Inc. to do a leak detection survey of approximately 10 percent of the distribution system focusing on older areas of infrastructure as well as isolated crossings.

With the implementation of the customer service tool, the Permittee has been able to more accurately estimate unaccounted water losses. The Permittee recently estimated year-to-date (January to October 2020) unaccounted for water losses at 5.3 percent. Additionally, the Permittee plans to implement an Advanced Metering Infrastructure system over the course of the permit duration to identify customer-side leaks much faster and conduct additional leak detection as needed. With these measures already in place, the Permittee anticipates maintaining unaccounted water losses below 10 percent. As part of this application, the Permittee provided a detailed and updated Water Conservation Program (available on ePermitting).

Potential Use of Reclaimed Water

The Permittee owns and operates two water reclamation facilities: The West Water Reclamation Facility (WWRF) and the East Water Reclamation Facility (EWRF). The locations of these facilities are shown in Exhibit 1, page 2. Both facilities are designed to produce reclaimed water that meets the requirements of Florida Department of Environmental Protection (FDEP) Chapter 62-610, Florida Administrative Code for public access reuse. The provision of reclaimed water reduces the amount of fresh groundwater and potable water required for irrigation and provides recharge to the WTA. Currently, the Project generates approximately 4.65 MGD of reclaimed water. Both facilities are designed for 100 percent reuse, with an agreement with Resource Conservation Systems, LLC (RCS) for the Project to provide up to 11 MGD of reclaimed water for reuse throughout the RCS service area (WUP 36-00282-W). The RCS service area boundary is depicted in Exhibit 9, page 1. According to the 2019 Annual Reuse Report submitted by the Permittee to FDEP, the deep injection well at

ADDITIONAL INFORMATION (CONTINUED)

the WWRF was used to dispose of 0.194 MGD during the period of October 1, 2018 through September 30, 2019. Other than this small volume of wet weather disposal (less than one percent of the reclaimed water flow), all reclaimed water produced by the Project is reused in the RCS service area in several WUPs (Exhibit 9, page 2). As potable water demand increases, the reclaimed water flows will also increase by approximately 50 percent over the next 20 years. With the increased application of reclaimed water, permitted allocations for landscape irrigation will decrease as the service area population grows making more reclaimed water available to RCS.

Permit Duration

The Permittee has requested an increased allocation from the LTA, which is a source of limited availability (Section 1.5.2 D of the AH). Therefore, the baseline duration of the requested increased LTA allocation shall be 5 years. The duration of the previously permitted LTA allocation and the entire UFA allocation shall be 20 years (Section 1.5.2.A.2 of the AH). Specifically, the water use permit shall have the following LTA allocations and durations:

1. LTA East Wellfield Annual and Maximum Month allocations are 1,454 MG and 150 MG respectively, from February 1, 2022 until January 31, 2027.
2. LTA East Wellfield Annual and Maximum Month allocations are 1,111 MG and 123.7 MG respectively, from February 1, 2027 until December 2041.
3. LTA West Wellfield Annual and Maximum Month allocations are 1,197 MG and 124 MG respectively, from February 1, 2022 until January 31, 2027.
4. LTA West Wellfield Annual and Maximum Month allocations are 983 MG and 98.58 MG respectively, from February 1, 2027 until December 2041.

ENVIRONMENTAL RESOURCE PERMIT STATUS:

Not Applicable

RIGHT OF WAY PERMIT STATUS:

Not Applicable

RECOMMENDATIONS

Project Name: BONITA SPRINGS UTILITIES

Application Number: 200930-1

Permit Number: 36-00008-W

RECOMMENDATION

The use of groundwater from the Upper Floridan aquifer and Lower Tamiami aquifer for public water supply of the Bonita Springs service area, serving 164,025 persons in the year 2041 with an average per capita use rate of 100 gallons per day and a maximum monthly to average monthly pumping ratio of 1.24 with an annual allocation of 5,986 million gallons.

STAFF EVALUATION

REVIEWER:

Joseph N. Haven For

Kimberly C. McNeely, NRM

Nexhip Maska

Nexhip Maska, P.G., WU

SUPERVISOR:

Laura Layman

Laura Layman, NRM

Brad D Cook

Brad D. Cook, P.G., WU

WATER USE BUREAU CHIEF:

Simon Sunderland, P.G.

Date: February 23, 2022

SPECIAL PERMIT CONDITIONS

1. This permit is issued to:

   Bonita Springs Utilities, Inc.
   11900 East Terry Street
   Bonita Springs, FL, 34135

2. This permit shall expire on March 1, 2042.
   However, the Permittee has requested an increased allocation from the LTA, which is a source of limited availability (Subsection 1.5.2 D of the AH). Therefore, the baseline duration of the requested increased LTA allocation shall be 5 years. The duration of the previously permitted LTA allocation and the entire UFA allocation shall be 20 years (Subsection 1.5.2.A.2 of the AH). Specifically, the water use permit shall have the following LTA allocations and durations:

   1. LTA East Wellfield Annual and Maximum Month allocations are 1,454 MG and 150 MG respectively, from February 1, 2022 until January 31, 2027.
   2. LTA East Wellfield Annual and Maximum Month allocations are 1,111 MG and 123.7 MG respectively, from February 1, 2027 until December 2041.
   3. LTA West Wellfield Annual and Maximum Month allocations are 1,197 MG and 124 MG respectively, from February 1, 2022 until January 31, 2027.
   4. LTA West Wellfield Annual and Maximum Month allocations are 983 MG and 98.58 MG respectively, from February 1, 2027 until December 2041.

3. Use classification is:

   Public Water Supply

4. Source classification is:

   Groundwater from:
   Lower Tamiami Aquifer
   Upper Floridan Aquifer

5. Allocation:

   Total annual allocation is 5,986.00 million gallons (MG). (16.40 MGD)

   Total maximum monthly allocation is 618.30 million gallons (MG).

   These allocations represent the amount of water required to meet the water demands as a result of a rainfall deficit during a drought with the probability of recurring one year in ten. The Permittee shall not exceed these allocations in hydrologic conditions less than a 1-in-10 year drought event. Compliance with the annual allocation is based on

the quantity withdrawn over a 12-month time period. Compliance with the maximum monthly allocation is based on the greatest quantity withdrawn in any single month. The annual allocation expressed in GPD or MGD is for informational purposes only.

If the rainfall deficit is more severe than that expected to recur once every ten years, the withdrawals shall not exceed that amount necessary to continue to meet the reasonable-beneficial demands under such conditions, provided no harm to the water resources occur and:

1. All other conditions of the permit are met; and

2. The withdrawal is otherwise consistent with applicable declared Water Shortage Orders in effect pursuant to Chapter 40E-21, F.A.C.

The Permittee has requested an increased allocation from the LTA, which is a source of limited availability (Section 1.5.2 D of the AH). Therefore, the baseline duration of the requested increased LTA allocation shall be 5 years. The duration of the previously permitted LTA allocation and the entire UFA allocation shall be 20 years (Section 1.5.2.A.2 of the AH). Specifically, the water use permit shall have the following LTA allocations and durations:

1. LTA East Wellfield Annual and Maximum Month allocations are 1,454 MG and 150 MG respectively, from February 1, 2022 until January 31, 2027.

2. LTA East Wellfield Annual and Maximum Month allocations are 1,111 MG and 123.7 MG respectively, from February 1, 2027 until December 2041.

3. LTA West Wellfield Annual and Maximum Month allocations are 1,197 MG and 124 MG respectively, from February 1, 2022 until January 31, 2027.

4. LTA West Wellfield Annual and Maximum Month allocations are 983 MG and 98.58 MG respectively, from February 1, 2027 until December 2041.

6. Withdrawal facilities:

Groundwater - Proposed:

4 - 8" X 80' X 500 GPM Wells Cased To 65 Feet
16 - 14" X 1000' X 700 GPM Wells Cased To 800 Feet

Groundwater - Existing:

1 - 12" X 101' X 1000 GPM Well Cased To 61 Feet
1 - 12" X 110' X 1000 GPM Well Cased To 82 Feet

SPECIAL PERMIT CONDITIONS

1 - 14" X 1008' X 700 GPM Well Cased To 830 Feet
1 - 14" X 1120' X 1000 GPM Well Cased To 900 Feet
1 - 12" X 90' X 300 GPM Well Cased To 66 Feet
1 - 14" X 1063' X 1000 GPM Well Cased To 835 Feet
1 - 14" X 1030' X 700 GPM Well Cased To 805 Feet
1 - 14" X 886' X 700 GPM Well Cased To 705 Feet
1 - 14" X 1012' X 1000 GPM Well Cased To 805 Feet
1 - 8" X 80' X 350 GPM Well Cased To 64 Feet
1 - 8" X 85' X 150 GPM Well Cased To 70 Feet
1 - 16" X 1080' X 1000 GPM Well Cased To 815 Feet
1 - 14" X 843' X 1000 GPM Well Cased To 660 Feet
4 - 14" X 1000' X 700 GPM Wells Cased To 800 Feet
1 - 12" X 97' X 350 GPM Well Cased To 67 Feet
1 - 14" X 1063' X 1000 GPM Well Cased To 841 Feet
1 - 12" X 102' X 1000 GPM Well Cased To 73 Feet
2 - 12" X 115' X 1000 GPM Wells Cased To 65 Feet
1 - 12" X 701' X 2000 GPM Well Cased To 650 Feet
1 - 14" X 1040' X 1000 GPM Well Cased To 816 Feet
1 - 8" X 80' X 150 GPM Well Cased To 58 Feet
1 - 12" X 114' X 1000 GPM Well Cased To 91 Feet
1 - 12" X 115' X 1000 GPM Well Cased To 80 Feet
1 - 8" X 85' X 125 GPM Well Cased To 70 Feet
1 - 12" X 101' X 1000 GPM Well Cased To 78 Feet
5 - 12" X 100' X 325 GPM Wells Cased To 70 Feet

7. The Permittee shall submit all data as required by the implementation schedule for each of the permit conditions to: SFWMD at www.sfwmd.gov/ePermitting, or Regulatory Support, 3301 Gun Club Road, West Palm Beach, FL 33406.

8. The Permittee must submit the appropriate application form incorporated by reference in Rule 40E-2.101, F.A.C., to the District prior to the permit expiration date in order to continue the use of water.

9. The Permittee shall secure a well construction permit prior to construction, repair, or abandonment of all wells, as described in Chapter 40E-3, F.A.C.

10. Prior to any withdrawals at the project, the Permittee shall provide the results of the calibration testing of the identified water accounting method(s) and equip all existing and proposed withdrawal facilities with approved water use accounting method(s) pursuant to Subsection 4.1.1 of the Applicant's Handbook for Water Use Permit Applications within the South Florida Water Management District.

11. Every five years from the date of last calibration, the Permittee shall submit re-

calibration data for each withdrawal facility.

12. Monthly withdrawals for each withdrawal facility shall be reported to the District quarterly. The water accounting method and means of calibration shall be stated on each report.

13. The Permittee shall notify the District within 30 days of any change in service area boundary that results in a change in demand that affects its permitted allocation. The allocation shall be modified to effectuate such change.

14. The Permittee shall maintain an accurate flow meter at the intake of the water treatment plant for the purpose of measuring daily inflow of water.

15. If at any time there is an indication that the well casing, valves, or controls leak or have become inoperative, repairs or replacement shall be made to restore the system to an operating condition. Failure to make such repairs shall be cause for filling and abandoning the well, in accordance with procedures outlined in Chapter 40E-3, F.A.C.

16. The Permittee shall submit to the District an updated "Summary of Groundwater (Well) Facilities" table ("Section IV - Sources of Water", Water Use Permit Application Form 1379) within 90 days of completion of the proposed wells identifying the actual total and cased depths, pump manufacturer and model numbers, pump types, intake depths and type of meters.

17. The Permittee shall notify the District within 30 days of entering into an inter-local agreement, contract, or other similar instrument to deliver or receive water outside of its service area or to serve a demand not identified to determine the allocation described in this permit. A copy of such agreement shall be provided to the District. The monthly volume of water delivered and/or received via each inter-local agreement, contract, or other similar instrument shall be submitted to the District at the same reporting frequency as the withdrawals for each withdrawal facility required in this permit.

18. The Permittee shall implement the wellfield operating plan submitted in support of the permit application, as described in the District staff report.

    The Wellfield Operating Plan for the Project is provided in Exhibit 10.

19. The Permittee shall determine unaccounted-for distribution system losses (for the entire distribution system) on a monthly basis, including the way these losses are calculated. Reports shall be submitted to the District on a yearly basis and are due by April 30th of each year.

SPECIAL PERMIT CONDITIONS

If unaccounted-for distribution system losses are greater than 10 percent for any given year, the Permittee shall submit to the District for approval, a formal leak detection program that meets the requirements of Subsection 4.1.2 of the Applicant's Handbook for Water Use Permit Applications within the South Florida Water Management District, to address the reduction of such water loss.

20. The Permittee shall submit to the District an updated "Summary of Groundwater (Well) or Surface Water (Pump or Culvert) Facilities" table ("Section IV - Sources of Water", Water Use Permit Application Form 1379) at least 30 days prior to a change in any facility status (e.g. installation, relocation, abandonment) to include all specifications of the well, pump or culvert (e.g. actual total and cased depths, pump manufacturer and model numbers, pump types, intake depths and type of meters, culvert type, length, cross-section, diameter, height, width, invert elevation, control device, and water use accounting method).

21. The Permittee shall implement the following saline water intrusion monitoring program:

    The Permittee shall collect monthly and submit to the District quarterly the chloride ion concentration for LTA monitor wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7 and MW-8 and for each UFA production well.

22. This permit supersedes and/or cancels the following water use permit(s):

    36-04062-W

23. Pursuant to Section 373.236(4), F.S., every ten years from the date of permit issuance, the Permittee shall submit a water use compliance report for review and approval by District Staff to SFWMD at www.sfwmd.gov/ePermitting, or Regulatory Support, 3301 Gun Club Road, West Palm Beach, FL 33406.

24. The Permittee shall continue to submit monitoring data in accordance with the approved water level monitoring program for this project.

    The Permittee shall continue to collect monthly and submit to the District quarterly water level elevations for LTA monitor wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8 and for WTA monitor wells W-1, W-2, W-3, E-1, E-2, WB, EB, and RB. The well locations are shown on Exhibit 2, page 4.

25. Permittee must comply with the water conservation plan submitted in compliance with Subsection 2.3.2.D.1 of the Applicant's Handbook for Water Use Permit Applications within the South Florida Water Management District and described in the Staff Report.

SPECIAL PERMIT CONDITIONS

26. Entities that control, either directly or indirectly, a wastewater treatment plant and/or reuse distribution system, and which have determined pursuant to Section 403.064, F.S., that use of reclaimed water is feasible, must provide the District with annual updates of the following information: (A) the status of distribution system construction, including location and capacity of lines; (B) a summary of uncommitted supplies for the next year; (C) copies of any new or amended local mandatory reclaimed water reuse zone ordinances; and (D) a list of end-users who have contracted to receive reclaimed water and the agreed upon quantity of water to be delivered.

27. Within five years of permit issuance and every five years thereafter, the Permittee shall submit a report summarizing the raw water quality of the UFA production wells for District staff review and approval. The report shall identify trends in salinity for each production well and evaluate the trends with respect to the Permittee's treatment protocols and constraints. The report shall include specific recommendations regarding wellfield operations and treatment protocols, or upgrades needed to ensure the source of water supply remains suitable for public water supply. Should water quality trends change to a degree that changes to the treatment system or wellfield operation are necessary prior to the five year reporting cycle, the Permittee shall notify the District of these findings in writing and the reporting schedule shall be amended as prescribed by District staff. Solutions for dealing with unexpected water quality deterioration shall not include large-scale abandonment of the UFA but may include reduction in withdrawals from production wells, dilution of UFA water with water from other sources, or upgrading the treatment system to produce an acceptable product water quality and sustain the UFA for the duration of this permit.

STANDARD PERMIT CONDITIONS

1. All water uses authorized by this permit shall be implemented as conditioned by this permit, including any documents incorporated by reference in a permit condition. The District may revoke this permit, in whole or in part, or take enforcement action, pursuant to Section 373.136 or 373.243, F.S., unless a permit modification has been obtained to address the noncompliance.

   The Permittee shall immediately notify the District in writing of any previously submitted material information that is later discovered to be inaccurate.

2. The Permittee is advised that this permit does not relieve any person from the requirement to obtain all necessary federal, state, local and special district authorizations.

3. The Permittee shall notify the District in writing within 30 days of any sale, transfer, or conveyance of ownership or any other loss of permitted legal control of the Project and/or related facilities from which the permitted consumptive use is made. Where Permittee's control of the land subject to the permit was demonstrated through a lease, the Permittee must either submit a new or modified lease showing that it continues to have legal control or documentation showing a transfer in control of the permitted system/project to the new landowner or new lessee. All transfers of ownership are subject to the requirements of Rule 40E-1.6107, F.A.C. Alternatively, the Permittee may surrender the consumptive use permit to the District, thereby relinquishing the right to conduct any activities under the permit.

4. Nothing in this permit should be construed to limit the authority of the District to declare a water shortage and issue orders pursuant to Chapter 373, F.S. In the event of a declared water shortage, the Permittee must adhere to the water shortage restrictions, as specified by the District. The Permittee is advised that during a water shortage, reports shall be submitted as required by District rule or order. The Permittee is advised that during a water shortage, pumpage, water levels, and water quality data shall be collected and submitted as required by District orders issued pursuant to Chapter 40E-21, F.A.C.

5. This permit does not convey to the Permittee any property rights or privileges other than those specified herein, nor relieve the permittee from complying with any applicable local government, state, or federal law, rule, or ordinance.

6. With advance notice to the Permittee, District staff with proper identification shall have permission to enter, inspect, observe, collect samples, and take measurements of permitted facilities to determine compliance with the permit conditions and permitted plans and specifications. The Permittee shall either accompany District staff onto the property or make provision for access onto the property.

7. A. The Permittee may seek modification of any term of an unexpired permit. The Permittee is advised that Section 373.239, F.S., and Rule 40E-2.331, F.A.C., are applicable to permit modifications.

   B. The Permittee shall notify the District in writing 30 days prior to any changes to the project that could potentially alter the reasonable demand reflected in the permitted allocation. Such changes include, but are not limited to, change in irrigated acreage, crop type, irrigation system, large users agreements, or water treatment method. Permittee will be required to apply for a modification of the permit for any changes in permitted allocation.

8. If any condition of the permit is violated, the permit shall be subject to review and modification, enforcement action, or revocation pursuant to Chapter 373, F.S.

9. The Permittee shall mitigate interference with existing legal uses that was caused in whole or in part by the Permittee's withdrawals, consistent with the approved mitigation plan. As necessary to offset the interference, mitigation will include pumpage reduction, replacement of the impacted individual's equipment, relocation of wells, change in withdrawal source, or other means.

   Interference to an existing legal use is defined as an impact that occurs under hydrologic conditions equal to or less severe than a 1-in-10 year drought event that results in the:

   A. Inability to withdraw water consistent with provisions of the permit, such as when remedial structural or operational actions not materially authorized by existing permits must be taken to address the interference; or

   B. Change in the quality of water pursuant to primary State Drinking Water Standards to the extent that the water can no longer be used for its authorized purpose, or such change is imminent.

10. The Permittee shall mitigate harm to the natural resources caused by the Permittee's withdrawals, as determined through reference to the conditions for permit issuance. When harm occurs, or is imminent, the District will require the Permittee to modify withdrawal rates or mitigate the harm. Harm, as determined through reference to the conditions for permit issuance includes:

    A. Reduction in ground or surface water levels that results in harmful lateral movement of the fresh water/salt water interface,

    B. Reduction in water levels that harm the hydroperiod of wetlands,

    C. Significant reduction in water levels or hydroperiod in a naturally occurring water body such as a lake or pond,

D. Harmful movement of contaminants in violation of state water quality standards, or

E. Harm to the natural system including damage to habitat for rare or endangered species.

11. The Permittee shall mitigate harm to existing off-site land uses caused by the Permittee's withdrawals, as determined through reference to the conditions for permit issuance. When harm occurs, or is imminent, the District will require the Permittee to modify withdrawal rates or mitigate the harm. Harm as determined through reference to the conditions for permit issuance, includes:

    A. Significant reduction in water levels on the property to the extent that the designed function of the water body and related surface water management improvements are damaged, not including aesthetic values. The designed function of a water body is identified in the original permit or other governmental authorization issued for the construction of the water body. In cases where a permit was not required, the designed function shall be determined based on the purpose for the original construction of the water body (e.g. fill for construction, mining, drainage canal, etc.)

    B. Damage to agriculture, including damage resulting from reduction in soil moisture resulting from consumptive use; or,

    C. Land collapse or subsidence caused by reduction in water levels associated with consumptive use.

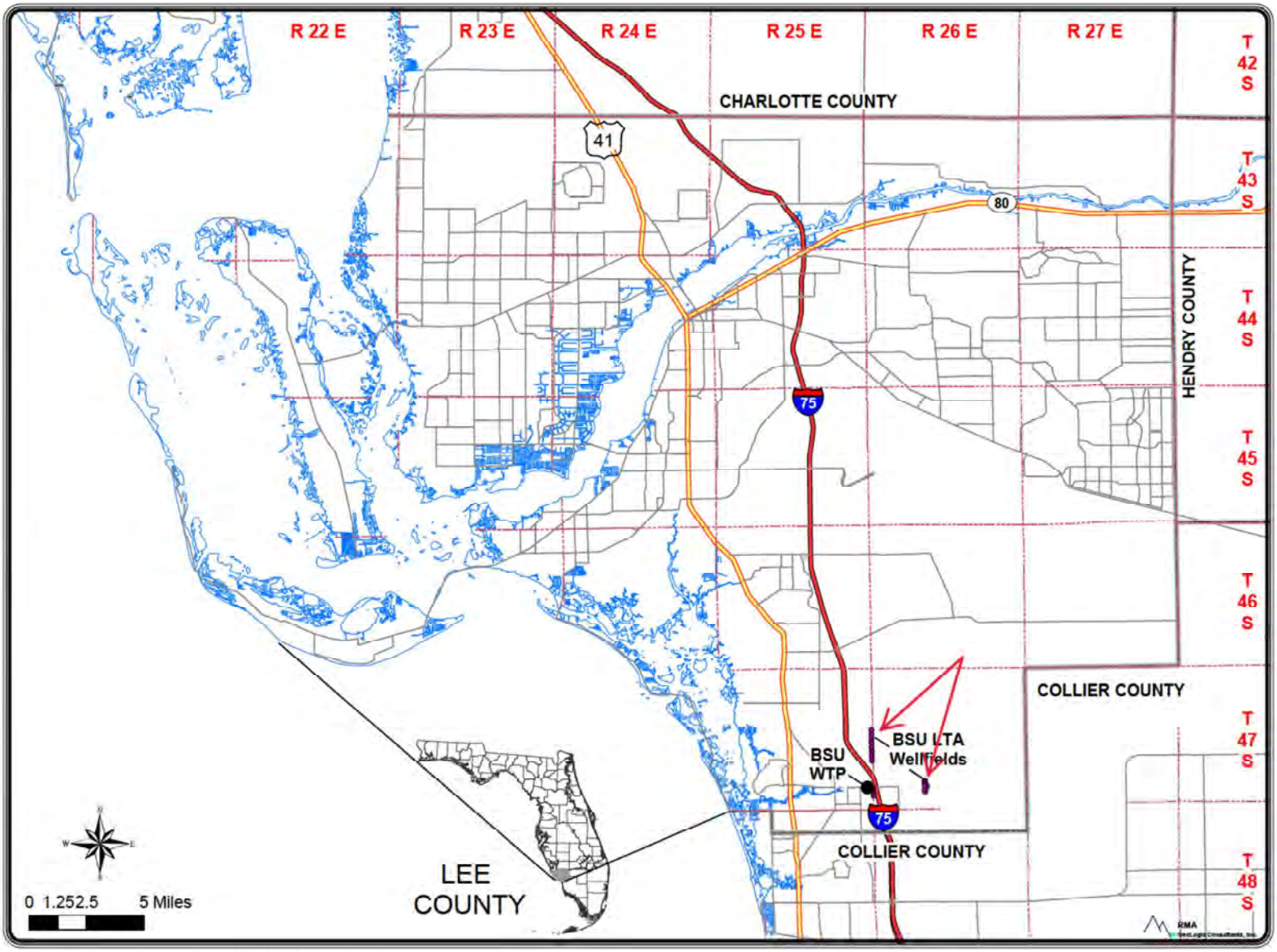


FIGURE 1-1. GENERAL SITE LOCATION MAP.
Appl. 200930-1

EXHIBIT 1

TABLE - A
Description Of Wells.

Application Number: 200930-1

Well ID	31447	31448	31449	31450	31452	31453
Name	3	4	5	6	8	9
Map Designator	3	4	5	6	8	9
FLUWID Number						
Well Field	West Wellfield	West Wellfield	West Wellfield	West Wellfield	West Wellfield	West Wellfield
Existing/Proposed	E	E	E	E	E	E
Well Diameter(Inches)	8	8	8	8	8	8
Total Depth(feet)	80	80	80	80	85	85
Cased Depth(feet)	65	64	64	58	70	70
Facility Elev. (ft. NGVD)						
Screened Interval						
From	0	0	0	0	0	0
To	0	0	0	0	0	0
Pumped Or Flowing	P	P	P	P	P	P
Pump Type	Submersible	Submersible	Submersible	Submersible	Submersible	Submersible
Pump Int. Elev.						
Feet (NGVD)						
Feet (BLS)	0	0	60	60	60	60
Pump Capacity(GPM)	0	0	350	150	125	150
Year Drilled						
Planar Location						
Source	Migrate	Migrate	Migrate	Migrate	Migrate	DIGITIZED
Feet East	409079	409123	409165	409206	409300	408875
Feet North	733527	732681	731734	730849	737724	738710
Accounting Method	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter
Use Status	Abandoned	Abandoned	Primary	Primary	Primary	Primary
Water Use Type	Public Water Supply Monitor	Public Water Supply Monitor	Public Water Supply Monitor	Public Water Supply Monitor	Public Water Supply Monitor	Public Water Supply Monitor
Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer

Exhibit No: 3

TABLE - A
Description Of Wells.

Application Number: 200930-1

Well ID	31454	31455	31456	31457	31458	31459
Name	10	11	12	13	14	15
Map Designator	10	11	12	13	14	15
FLUWID Number						
Well Field	West Wellfield	West Wellfield	West Wellfield	West Wellfield	West Wellfield	West Wellfield
Existing/Proposed	E	E	E	E	E	E
Well Diameter(Inches)	12	12	12	12	12	12
Total Depth(feet)	90	97	100	100	100	100
Cased Depth(feet)	66	67	70	70	70	70
Facility Elev. (ft. NGVD)						
Screened Interval						
From	0	0	0	0	0	0
To	0	0	0	0	0	0
Pumped Or Flowing	P	P	P	P	P	P
Pump Type	Submersible	Submersible	Submersible	Submersible	Submersible	Submersible
Pump Int. Elev.						
Feet (NGVD)						
Feet (BLS)	0	0	60	60	60	60
Pump Capacity(GPM)	300	350	325	325	325	325
Year Drilled						
Planar Location						
Source	DIGITIZED	Migrate	DIGITIZED	DIGITIZED	Migrate	Migrate
Feet East	408808	409239	408830	408875	408880	408826
Feet North	739968	729975	741046	742191	743103	744126
Accounting Method	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter
Use Status	Primary	Primary	Primary	Primary	Primary	Primary
Water Use Type	Public Water Supply Monitor	Public Water Supply Monitor	Public Water Supply Monitor	Public Water Supply Monitor	Public Water Supply Monitor	Public Water Supply Monitor
Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer

TABLE - A
Description Of Wells.

Application Number: 200930-1

Well ID	31460	31461	31462	31463	31464	31465
Name	16	17	18	19	20	21
Map Designator	16	17	18	19	20	21
FLUWID Number						
Well Field	West Wellfield	East Wellfield	East Wellfield	East Wellfield	East Wellfield	East Wellfield
Existing/Proposed	E	E	E	E	E	E
Well Diameter(Inches)	12	12	12	12	12	12
Total Depth(feet)	100	102	101	110	114	115
Cased Depth(feet)	70	73	78	82	91	80
Facility Elev. (ft. NGVD)						
Screened Interval						
From	0	0	0	0	0	0
To	0	0	0	0	0	0
Pumped Or Flowing	P	P	P	P	P	P
Pump Type	Submersible	Submersible	Submersible	Submersible	Submersible	Submersible
Pump Int. Elev.						
Feet (NGVD)						
Feet (BLS)	60	60	60	60	60	60
Pump Capacity(GPM)	325	1000	1000	1000	1000	1000
Year Drilled						
Planar Location						
Source	DIGITIZED	APPLICANT	APPLICANT	APPLICANT	APPLICANT	APPLICANT
Feet East	408799	419499	419499	419485	419489	420068
Feet North	745195	732345	732411	733081	733483	732059
Accounting Method	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter
Use Status	Primary	Primary	Primary	Primary	Primary	Primary
Water Use Type	Public Water Supply Monitor	Public Water Supply Monitor	Public Water Supply Monitor	Public Water Supply Monitor	Public Water Supply Monitor	Public Water Supply Monitor
Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer

Exhibit No: 3

TABLE - A
Description Of Wells.

Application Number: **200930-1**

Well ID	31466	31467	31468	111813	111806	111807
Name	22	23	24	Well 25	Well 27	Well 28
Map Designator	22	23	24	Well 25	Well 27	Well 28
FLUWID Number						
Well Field	East Wellfield	East Wellfield	East Wellfield			
Existing/Proposed	E	E	E	E	E	E
Well Diameter(Inches)	12	12	12	14	16	14
Total Depth(feet)	115	115	101	1040	1080	1012
Cased Depth(feet)	65	65	61	816	815	805
Facility Elev. (ft. NGVD)						
Screened Interval						
From	0	0	0			
To	0	0	0			
Pumped Or Flowing	P	P	P	P	P	P
Pump Type	Submersible	Submersible	Submersible	Submersible	Submersible	Submersible
Pump Int. Elev.						
Feet (NGVD)						
Feet (BLS)	60	60	60	80	80	80
Pump Capacity(GPM)	1000	1000	1000	1000	1000	1000
Year Drilled				2002	2001	2003
Planar Location						
Source	APPLICANT	APPLICANT	APPLICANT	DIGITIZED	DIGITIZED	DIGITIZED
Feet East	419897	419457	419651	408757	408745	408787
Feet North	731697	731521	731021	731891	739625	740854
Accounting Method	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter
Use Status	Primary	Primary	Primary	Production	Production	Production
Water Use Type	Public Water Supply Monitor	Public Water Supply Monitor	Public Water Supply Monitor	Public Water Supply Monitor	Public Water Supply Monitor	Public Water Supply Monitor
Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer

TABLE - A
Description Of Wells.

Application Number: 200930-1

Well ID	111809	111810	111812	111811	111814	111808
Name	Well 29	Well 30	Well 31	Well 32	Well 33	Well 34
Map Designator	Well 29	Well 30	Well 31	Well 32	Well 33	Well 34
FLUWID Number						
Well Field						
Existing/Proposed	E	E	E	E	E	E
Well Diameter(Inches)	14	14	14	12	14	14
Total Depth(feet)	1063	1120	843	701	1030	1008
Cased Depth(feet)	841	900	660	650	805	830
Facility Elev. (ft. NGVD)						
Screened Interval						
From						
To						
Pumped Or Flowing	P	P	P	P	P	P
Pump Type	Submersible	Submersible	Submersible	Submersible	Submersible	Submersible
Pump Int. Elev.						
Feet (NGVD)						
Feet (BLS)	80	80	80	80	80	80
Pump Capacity(GPM)	1000	1000	1000	2000	700	700
Year Drilled	2003	2003	2003	1999		
Planar Location						
Source	DIGITIZED	REVIEWER	DIGITIZED	REVIEWER	DIGITIZED	DIGITIZED
Feet East	408377	406513	402917	402964	408975	408683
Feet North	742568	742761	746675	747815	730892	732858
Accounting Method	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter
Use Status	Production	Production	Production	Production	Production	Production
Water Use Type	Public Water Supply Monitor	Public Water Supply Monitor	Public Water Supply Monitor	Public Water Supply Monitor	Public Water Supply	Public Water Supply
Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer

Exhibit No: 3

TABLE - A
Description Of Wells.

Application Number: 200930-1

Well ID	111800	111801	111802	111803	111804	111805
Name	Well 35	Well 36	Well 37	Well 38	Well 26	Well 39
Map Designator	Well 35	Well 36	Well 37	Well 38	Well 26	Well 39
FLUWID Number						
Well Field						
Existing/Proposed	E	E	E	E	E	P
Well Diameter(Inches)	14	14	14	14	14	14
Total Depth(feet)	886	1000	1000	1000	1063	1000
Cased Depth(feet)	705	800	800	800	835	800
Facility Elev. (ft. NGVD)						
Screened Interval From						
To						
Pumped Or Flowing	P	P	P	P	P	P
Pump Type	Submersible	Submersible	Submersible	Submersible	Submersible	Submersible
Pump Int. Elev. Feet (NGVD)						
Feet (BLS)	80	80	80	80	80	80
Pump Capacity(GPM)	700	700	700	700	1000	700
Year Drilled					2003	
Planar Location Source	DIGITIZED	DIGITIZED	DIGITIZED	DIGITIZED	DIGITIZED	DIGITIZED
Feet East	402863	404667	405624	406461	408752	408894
Feet North	745577	734644	734479	733498	737611	734959
Accounting Method	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter
Use Status	Production	Production	Production	Production	Production	Production
Water Use Type	Public Water Supply	Public Water Supply	Public Water Supply	Public Water Supply	Public Water Supply Monitor	Public Water Supply
Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer

TABLE - A
Description Of Wells.

Application Number: 200930-1

Well ID	276675	285947	285949	285951	285952	285953
Name	Well 40	Well 41	Well 42	Well 43	Well 44	Well 45
Map Designator	WELL 40	WELL 41	WELL 42	WELL 43	WELL 44	WELL 45
FLUWID Number						
Well Field						
Existing/Proposed	E	P	P	P	P	P
Well Diameter(Inches)	14	14	14	14	14	14
Total Depth(feet)	1000	1000	1000	1000	1000	1000
Cased Depth(feet)	800	800	800	800	800	800
Facility Elev. (ft. NGVD)						
Screened Interval						
From						
To						
Pumped Or Flowing	P	P	P	P	P	P
Pump Type	Submersible	Submersible	Submersible	Submersible	Submersible	Submersible
Pump Int. Elev.						
Feet (NGVD)						
Feet (BLS)						
Pump Capacity(GPM)	700	700	700	700	700	700
Year Drilled						
Planar Location						
Source	DIGITIZED	APPLICANT	APPLICANT	APPLICANT	APPLICANT	APPLICANT
Feet East	409003	419689	419710	419630	419574	417204
Feet North	730032	732534	733511	731303	730331	732329
Accounting Method	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter
Use Status	Production	Production	Production	Production	Production	Production
Water Use Type	Public Water Supply	Public Water Supply	Public Water Supply	Public Water Supply	Public Water Supply	Public Water Supply
Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer

TABLE - A
Description Of Wells.

Application Number: 200930-1

Well ID	285954	285955	285956	285948	285958	285959
Name	Well 46	Well 47	Well 48	Well 49	Well 50	Well 51
Map Designator	WELL 46	WELL 47	WELL 48	WELL 49	WELL 50	WELL 51
FLUWID Number						
Well Field						
Existing/Proposed	P	P	P	P	P	P
Well Diameter(Inches)	14	14	14	14	14	14
Total Depth(feet)	1000	1000	1000	1000	1000	1000
Cased Depth(feet)	800	800	800	800	800	800
Facility Elev. (ft. NGVD)						
Screened Interval						
From						
To						
Pumped Or Flowing	P	P	P	P	P	P
Pump Type	Submersible	Submersible	Submersible	Submersible	Submersible	Submersible
Pump Int. Elev.						
Feet (NGVD)						
Feet (BLS)						
Pump Capacity(GPM)	700	700	700	700	700	700
Year Drilled						
Planar Location						
Source	APPLICANT	APPLICANT	APPLICANT	DIGITIZED	DIGITIZED	DIGITIZED
Feet East	413531	412659	411003	408683	408523	411308
Feet North	734076	734066	732089	744134	745572	730924
Accounting Method	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter
Use Status	Production	Production	Production	Production	Production	Production
Water Use Type	Public Water Supply	Public Water Supply	Public Water Supply	Public Water Supply	Public Water Supply	Public Water Supply
Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer

TABLE - A
Description Of Wells.

Application Number: 200930-1

Well ID	285960	285961	285962	285963	285965	285966
Name	Well 52	Well 53	Well 54	Well 55	1A	2A
Map Designator	WELL 52	WELL 53	WELL 54	WELL 55	1A	2A
FLUWID Number						
Well Field						
Existing/Proposed	P	P	P	P	P	P
Well Diameter(Inches)	14	14	14	14	8	8
Total Depth(feet)	1000	1000	1000	1000	80	80
Cased Depth(feet)	800	800	800	800	65	65
Facility Elev. (ft. NGVD)						
Screened Interval						
From						
To						
Pumped Or Flowing	P	P	P	P	P	P
Pump Type	Submersible	Submersible	Submersible	Submersible	Submersible	Submersible
Pump Int. Elev.						
Feet (NGVD)						
Feet (BLS)						
Pump Capacity(GPM)	700	700	700	700	500	500
Year Drilled						
Planar Location						
Source	DIGITIZED	DIGITIZED	DIGITIZED	DIGITIZED		
Feet East	411543	414925	418337	416228	408648	408626
Feet North	729489	736059	732407	736068	746118	747073
Accounting Method	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter	Flow Meter
Use Status	Production	Production	Production	Production	Primary	Primary
Water Use Type	Public Water Supply	Public Water Supply	Public Water Supply	Public Water Supply	Public Water Supply	Public Water Supply
Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer	Upper Floridan Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer

Exhibit No: 3

TABLE - A
Description Of Wells.

Application Number: 200930-1

Well ID	285968	285969	214899	214900	214901	214902
Name	3A	4A	MW-1	MW-2	MW-3	MW-4
Map Designator	3A	4A	MW-1	MW-2	MW-3	MW-4
FLUWID Number						
Well Field						
Existing/Proposed	P	P	E	E	E	E
Well Diameter(Inches)	8	8				
Total Depth(feet)	80	80	80	100	70	98
Cased Depth(feet)	65	65	75	81	53	63
Facility Elev. (ft. NGVD)						
Screened Interval From						
To						
Pumped Or Flowing	P	P				
Pump Type	Submersible	Submersible	None	None	None	None
Pump Int. Elev. Feet (NGVD)						
Feet (BLS)						
Pump Capacity(GPM)	500	500	0	0	0	0
Year Drilled						
Planar Location Source						
Feet East	414189	414201	398426	406558	401337	409053
Feet North	742653	742099	727033	728512	734703	742651
Accounting Method	Flow Meter	Flow Meter	None	None	None	None
Use Status	Primary	Primary	Monitor	Monitor	Monitor	Monitor
Water Use Type	Public Water Supply	Public Water Supply	Monitor	Monitor	Monitor	Monitor
Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer

TABLE - A
Description Of Wells.

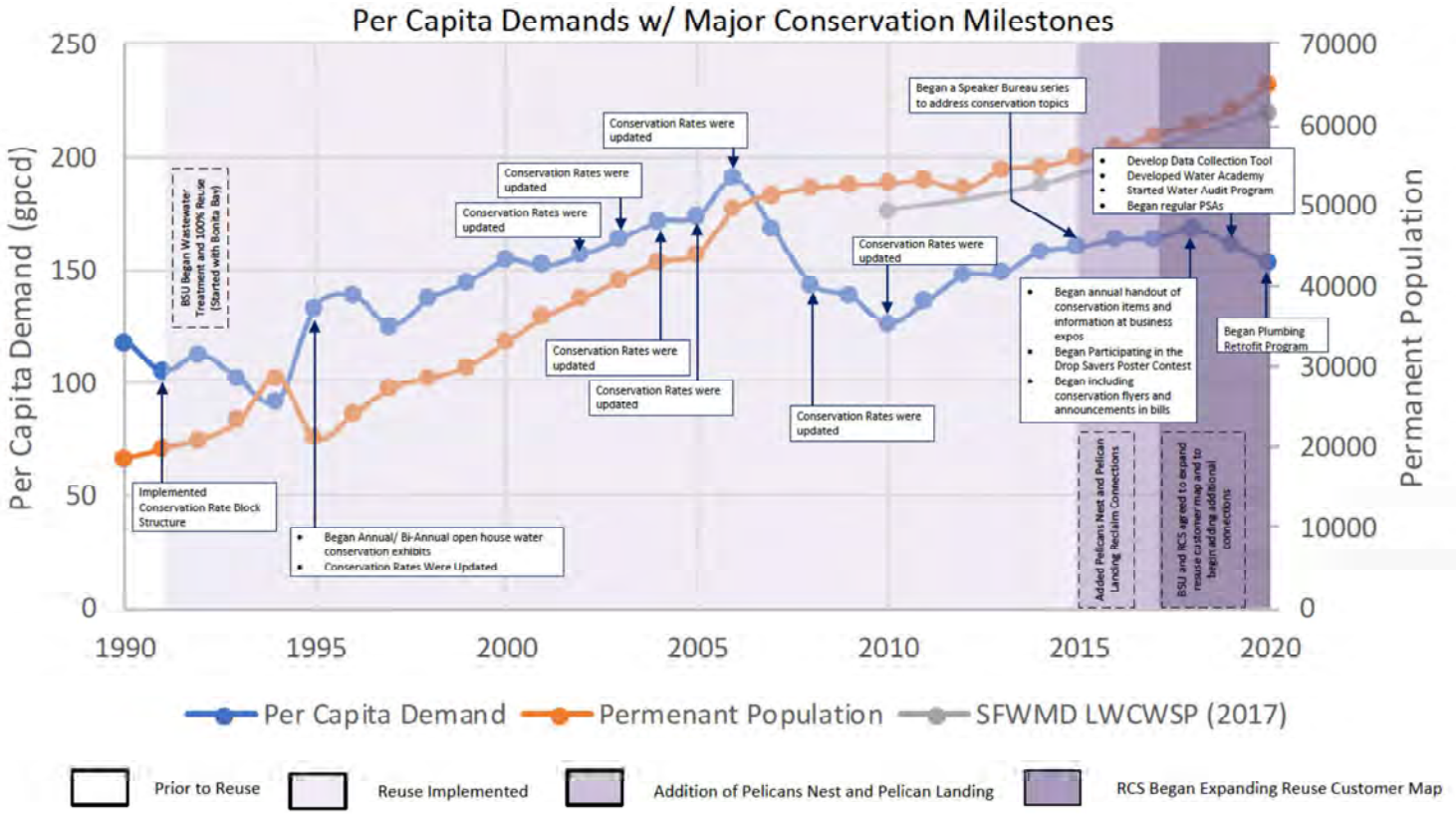
Application Number: 200930-1

Well ID	214903	214904	214905	214909	289437	289438
Name	MW-5	MW-6	MW-7	MW-8	E-1	WB
Map Designator	MW-5	MW-6	MW-7	MW-8	E-1	WB
FLUWID Number						
Well Field						
Existing/Proposed	E	E	E	E	E	E
Well Diameter(Inches)					2	2
Total Depth(feet)	112	20	80	125	15	15
Cased Depth(feet)	56	10	65	86		
Facility Elev. (ft. NGVD)						
Screened Interval						
From						
To						
Pumped Or Flowing						
Pump Type	None	None	None	None	None	None
Pump Int. Elev.						
Feet (NGVD)						
Feet (BLS)						
Pump Capacity(GPM)	0	0	0	0	0	0
Year Drilled						
Planar Location Source						
Feet East	416400	409238	409146	420097	419732	408406
Feet North	728188	729482	728419	733039	732099	746924
Accounting Method	None	None	None	None	None	None
Use Status	Monitor	Monitor	Monitor	Monitor	Monitor	Monitor
Water Use Type	Monitor	Monitor	Monitor	Monitor	Monitor	Monitor
Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Lower Tamiami Aquifer	Water Table Aquifer	Water Table Aquifer

TABLE - A
Description Of Wells.

Application Number: 200930-1

Well ID	289439	289440	289441	289442	289443	289444
Name	W-1	E-2	EB	RB	W-2	W-3
Map Designator	W-1	E-2	EB	RB	W-2	W-3
FLUWID Number						
Well Field						
Existing/Proposed	E	E	E	E	E	E
Well Diameter(Inches)	2	2	2	2	2	2
Total Depth(feet)	15	15	15	15	15	15
Cased Depth(feet)						
Facility Elev. (ft. NGVD)						
Screened Interval From						
To						
Pumped Or Flowing						
Pump Type	None	None	None	None	None	None
Pump Int. Elev. Feet (NGVD)						
Feet (BLS)						
Pump Capacity(GPM)	0	0	0	0	0	0
Year Drilled						
Planar Location Source						
Feet East	408674	419402	421081	419532	408473	414165
Feet North	744686	733331	732035	726452	748712	741523
Accounting Method	None	None	None	None	None	None
Use Status	Monitor	Monitor	Monitor	Monitor	Monitor	Monitor
Water Use Type	Monitor	Monitor	Monitor	Monitor	Monitor	Monitor
Aquifer	Water Table Aquifer	Water Table Aquifer	Water Table Aquifer	Water Table Aquifer	Water Table Aquifer	Water Table Aquifer


Per Capita Demands w/ Major Conservation Milestones
Per Capita Demand (gpcd)
Permanent Population
250
200
150
100
50
0
70000
60000
50000
40000
30000
20000
10000
0
1990
1995
2000
2005
2010
2015
2020
BSU Began Wastewater Treatment and 100% Reuse (Started with Bonita Bay)
Implemented Conservation Rate Block Structure
Began Annual/ Bi-Annual open house water conservation exhibits
Conservation Rates Were Updated
Conservation Rates were updated
Conservation Rates were updated
Conservation Rates were updated
Conservation Rates were updated
Conservation Rates were updated
Conservation Rates were updated
Began a Speaker Bureau series to address conservation topics
Began annual handout of conservation items and information at business expos
Began Participating in the Drop Savers Poster Contest
Began including conservation flyers and announcements in bills
Develop Data Collection Tool
Developed Water Academy
Started Water Audit Program
Began regular PSAs
Began Plumbing Retrofit Program
Added Pelicans Nest and Pelican Landing Reclaim Connections
BSU and RCS agreed to expand reuse customer map and to begin adding additional connections
Per Capita Demand
Permenant Population
SFWMD LWCWSP (2017)
Prior to Reuse
Reuse Implemented
Addition of Pelicans Nest and Pelican Landing
RCS Began Expanding Reuse Customer Map

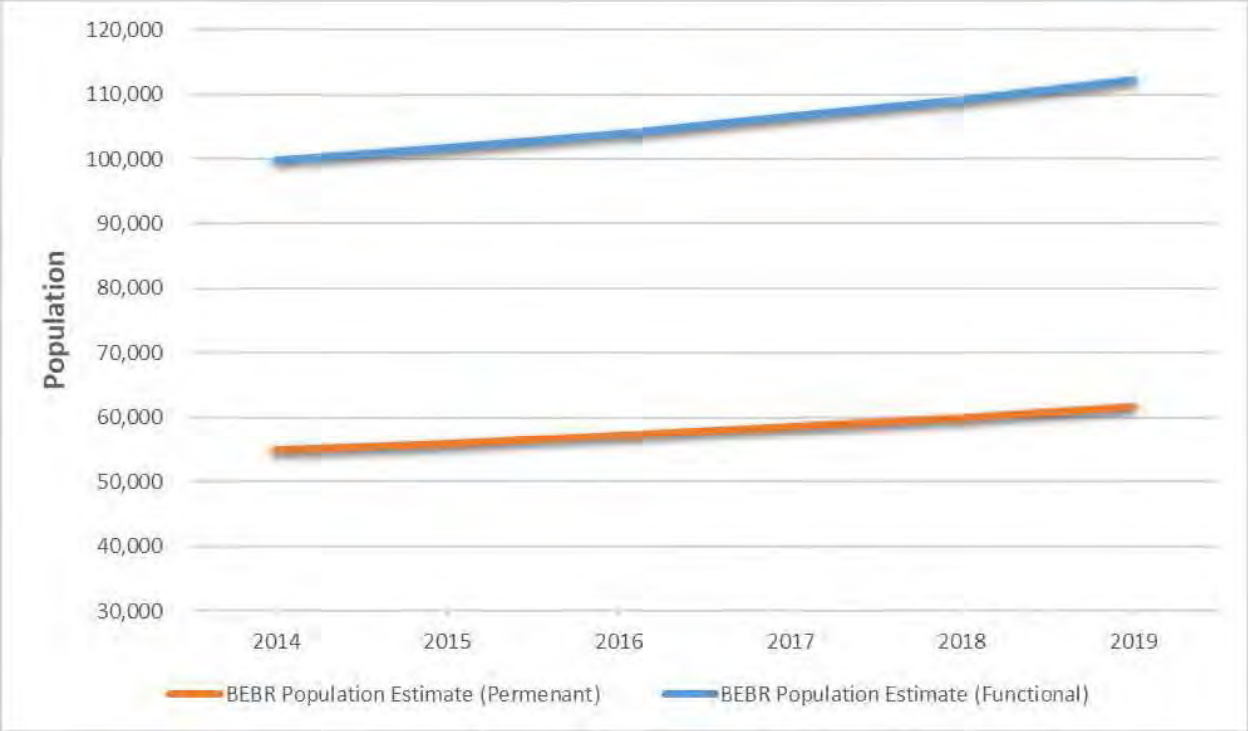


Figure 5-6: BEBR Population Estimates Bonita Springs Utilities, Inc. Service Area

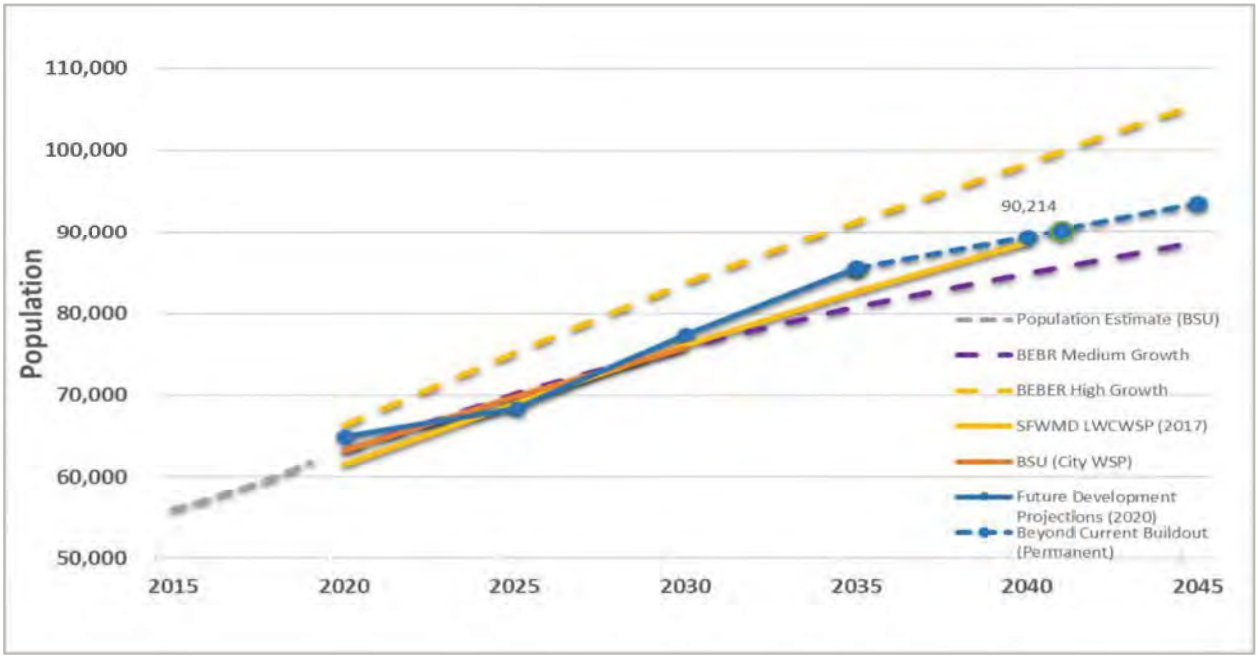


Figure 5-7: Bonita Springs Utilities, Inc. Permanent Population Projections

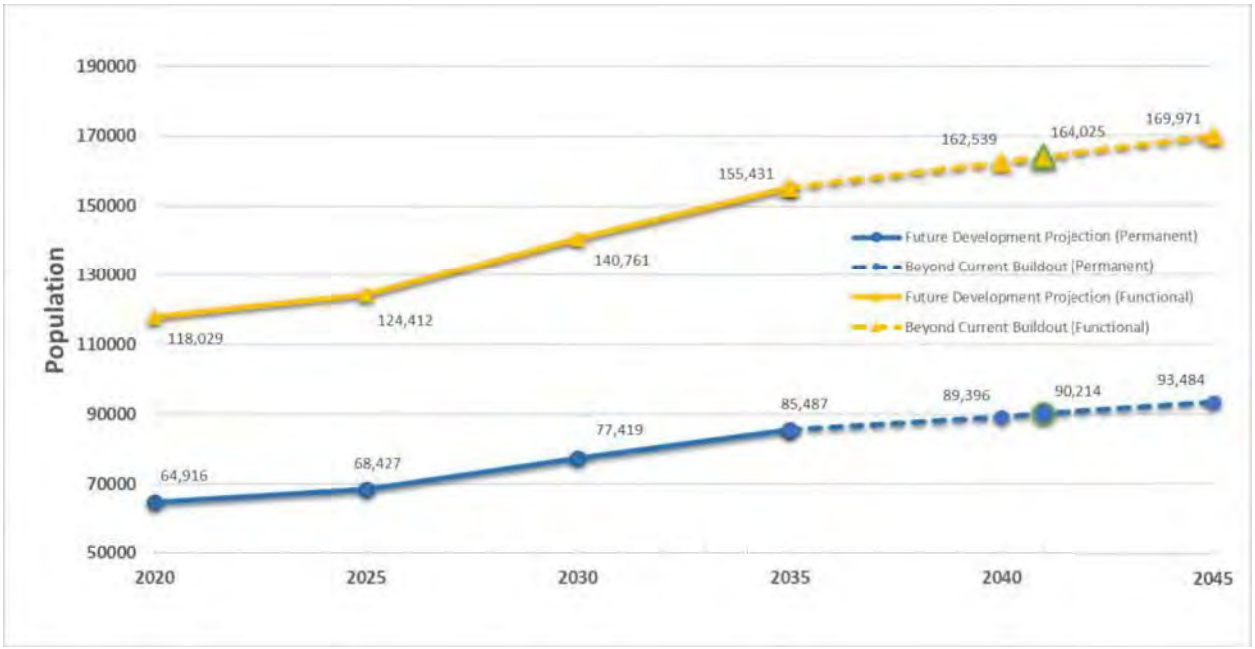


Figure 5-8: Bonita Springs Utilities, Inc. Permanent and Functional Population

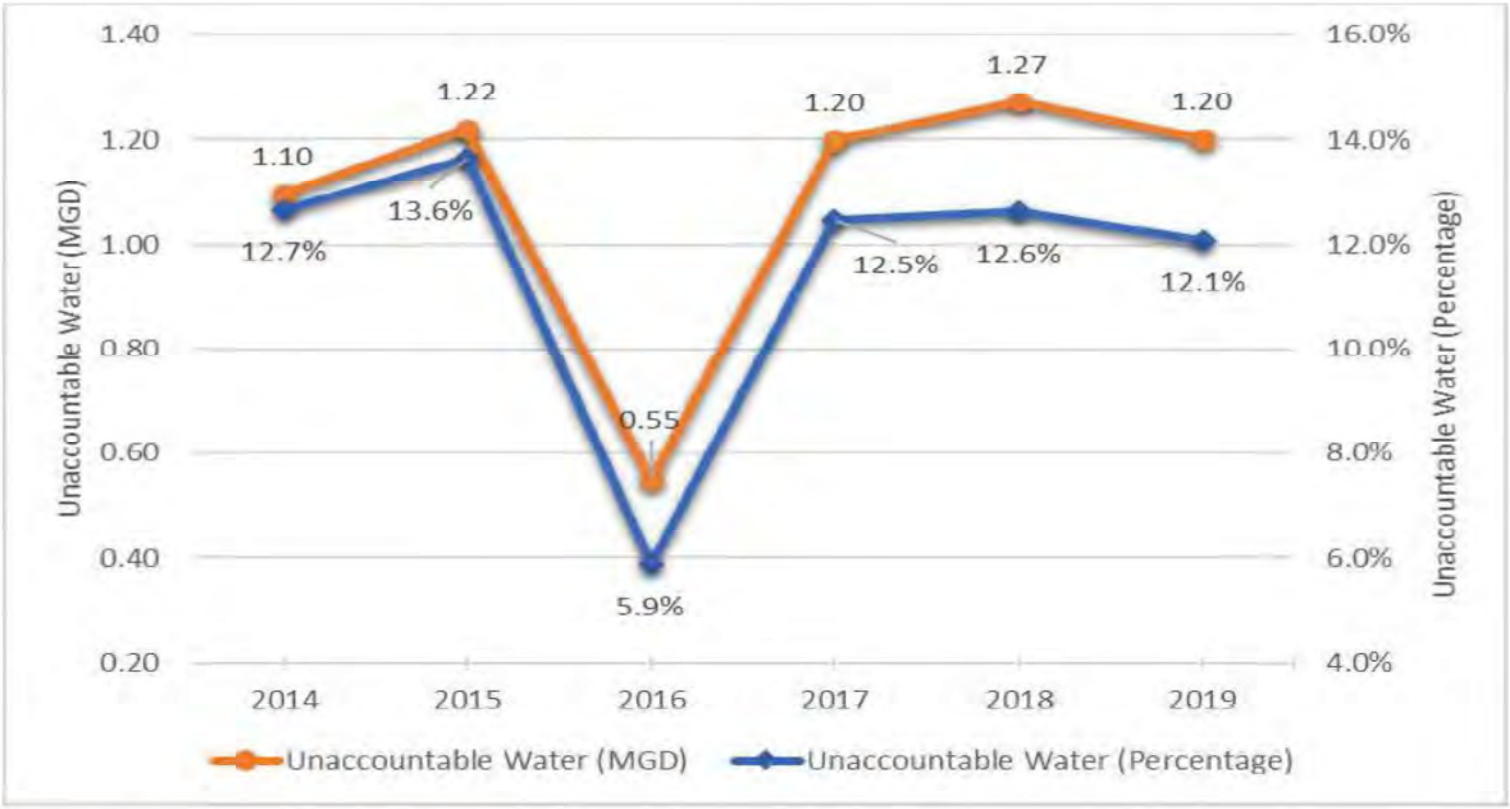


Figure 5-4: Historic Unaccountable Water

Public Water Supply Demands

Application Number: **200930-1**

Service Area: BONITA SPRINGS
System Efficiency:
Treatment Name:
Standard PCUR: **100**
Standard Max Monthly Ratio: 1.24
Standard Max Day Ratio:

Past Water Use (Table-F)

Year	Population	PCUR	Average Use (MGD)	Max Day Use (MGD)	Ratio	Average Monthly Use(MG)	Max Monthly Use (MG)	Ratio	Basis For Demand	Basis For Ratio
2016	103,936	96	9.96			302.78	366.32	1.21	Y	Y
2017	106,675	97	10.30			313.12	378.78	1.21	Y	Y
2018	109,032	102	11.16			339.26	417.09	1.23	Y	Y
2019	112,277	97	10.94			332.58	412.22	1.24	Y	Y
2020	118,029	105	12.36			375.74	454.48	1.21	Y	Y

Projected Water Use(Table-G)

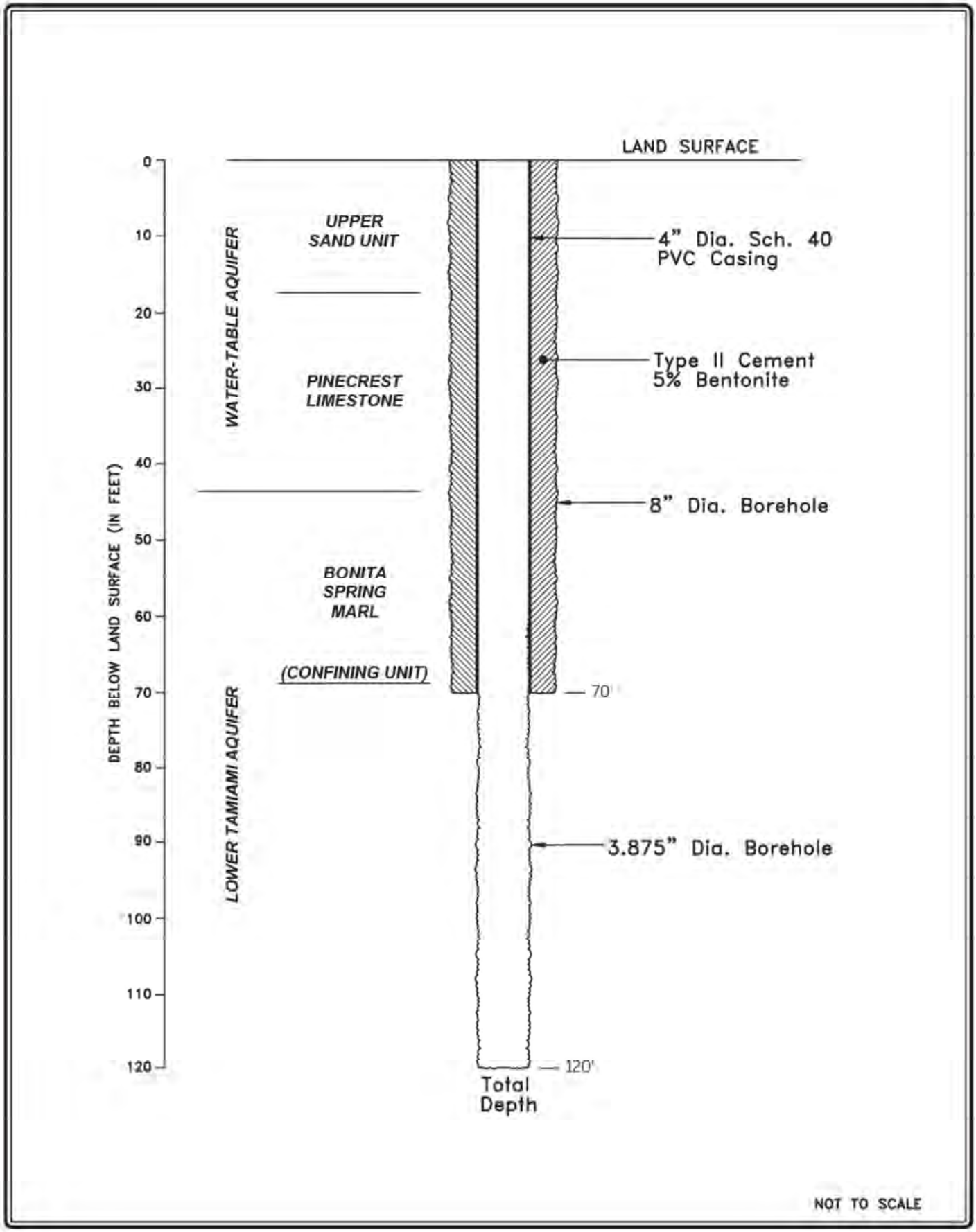
Year	Population	PCUR	Recommended Average (MGD)	Recommended Max Day (MGD)	Ratio	Average Monthly Use(MG)	Rec Max Monthly (MG)	Ratio	Basis for Allocation
2025	124,412	100	12.44			378.21	468.9835	1.240	Y
2030	140,761	100	14.08			427.91	530.6127	1.240	
2035	155,431	100	15.54			472.51	585.9127	1.240	
2041	164,025	100	16.40			498.64	618.3086	1.240	

Maximum Monthly Allocation: **618.3 MG**

Annual Allocation: **5,986 MG**

Page 1 of 1

Exhibit No:10



RMA GeoLogic Consultants, Inc.	PROJECT NAME: BSU LTA INVESTIGATION	
	PROJECT NUMBER: 21-185	DATE: 6/15/21

Figure 2-2. Schematic Illustration Showing Construction Details for TW-1.

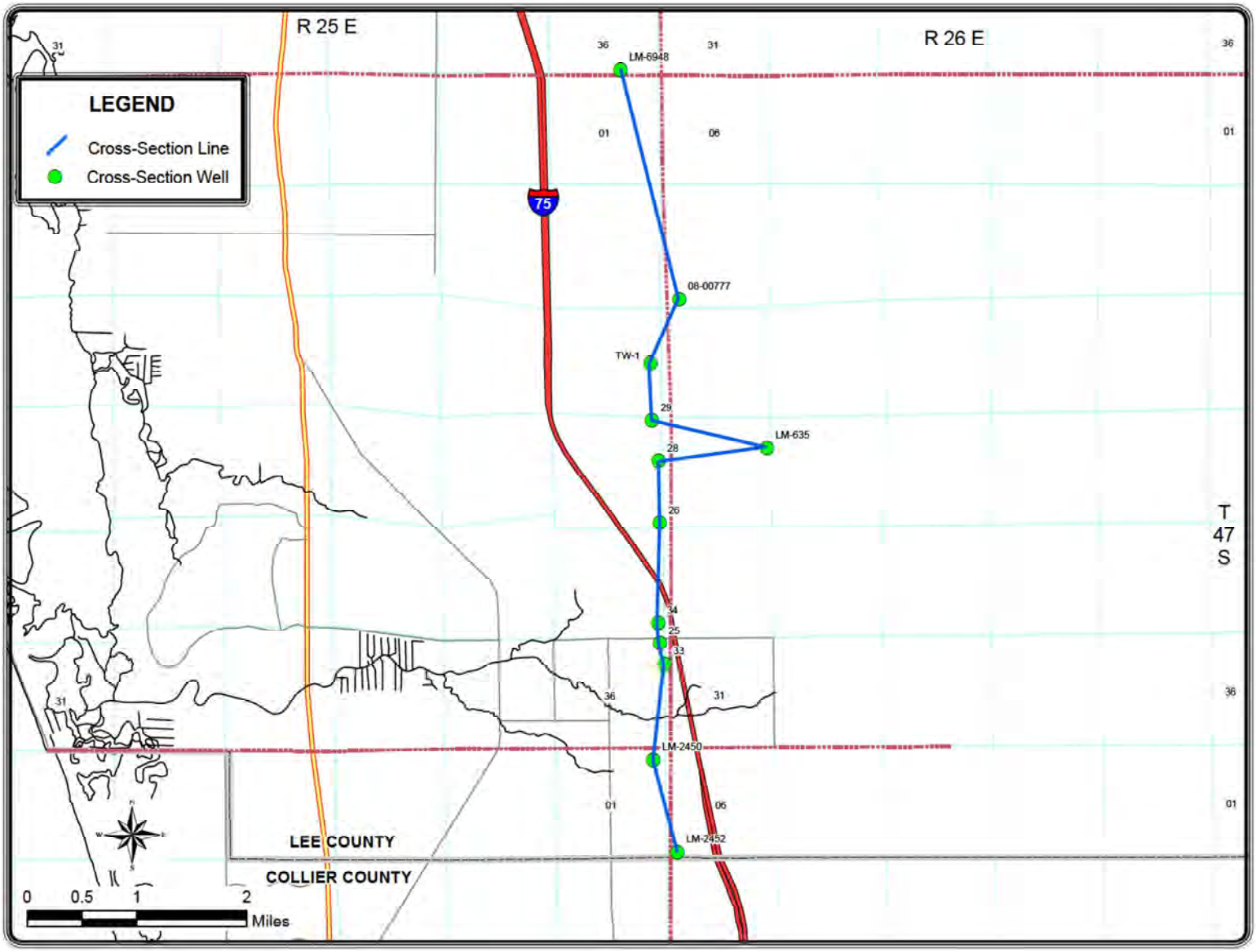
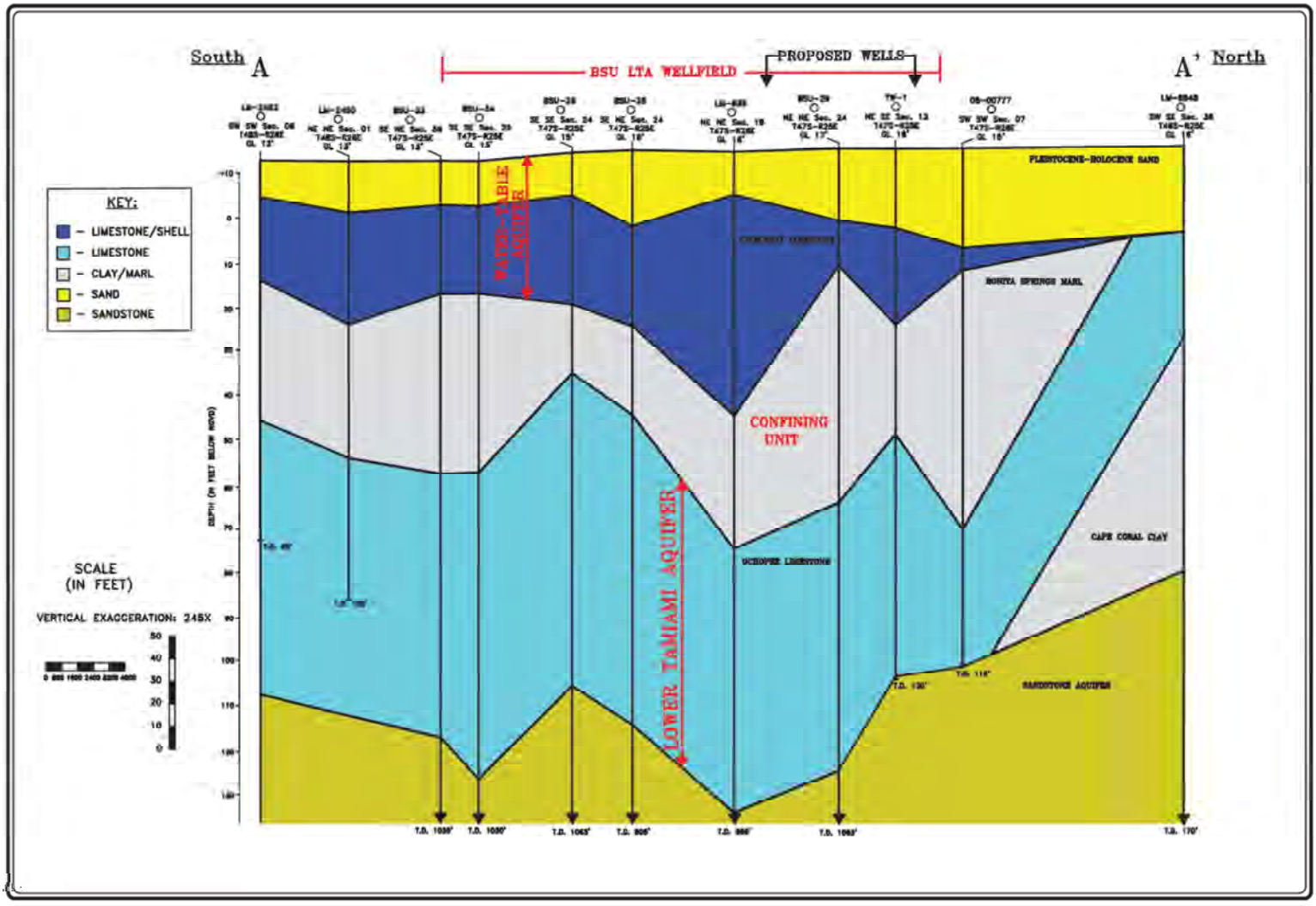


FIGURE 3-2. MAP SHOWING LINE OF CROSS-SECTION.



RMA Geologic Consultants, Inc.	PROJECT NAME: BSU LTA INVESTIGATION	
	PROJECT NUMBER: 21-185	DATE: 6/15/21

Figure 3-3. Cross-section A-A'.

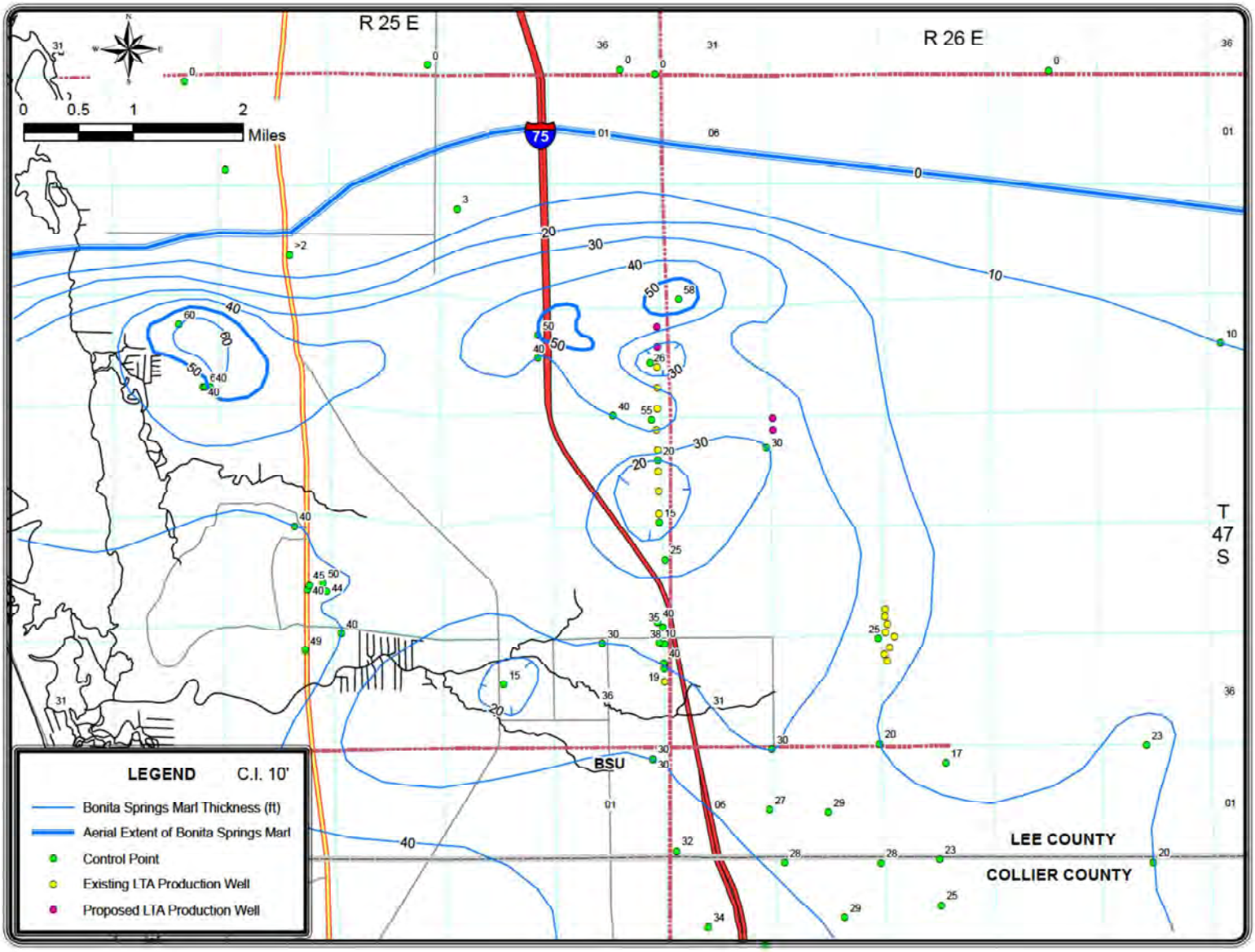


FIGURE 3-7. MAP SHOWING THICKNESS OF THE BONITA SPRINGS MARL SEPARATING THE WATER-TABLE AND LOWER TAMIAMI AQUIFERS.

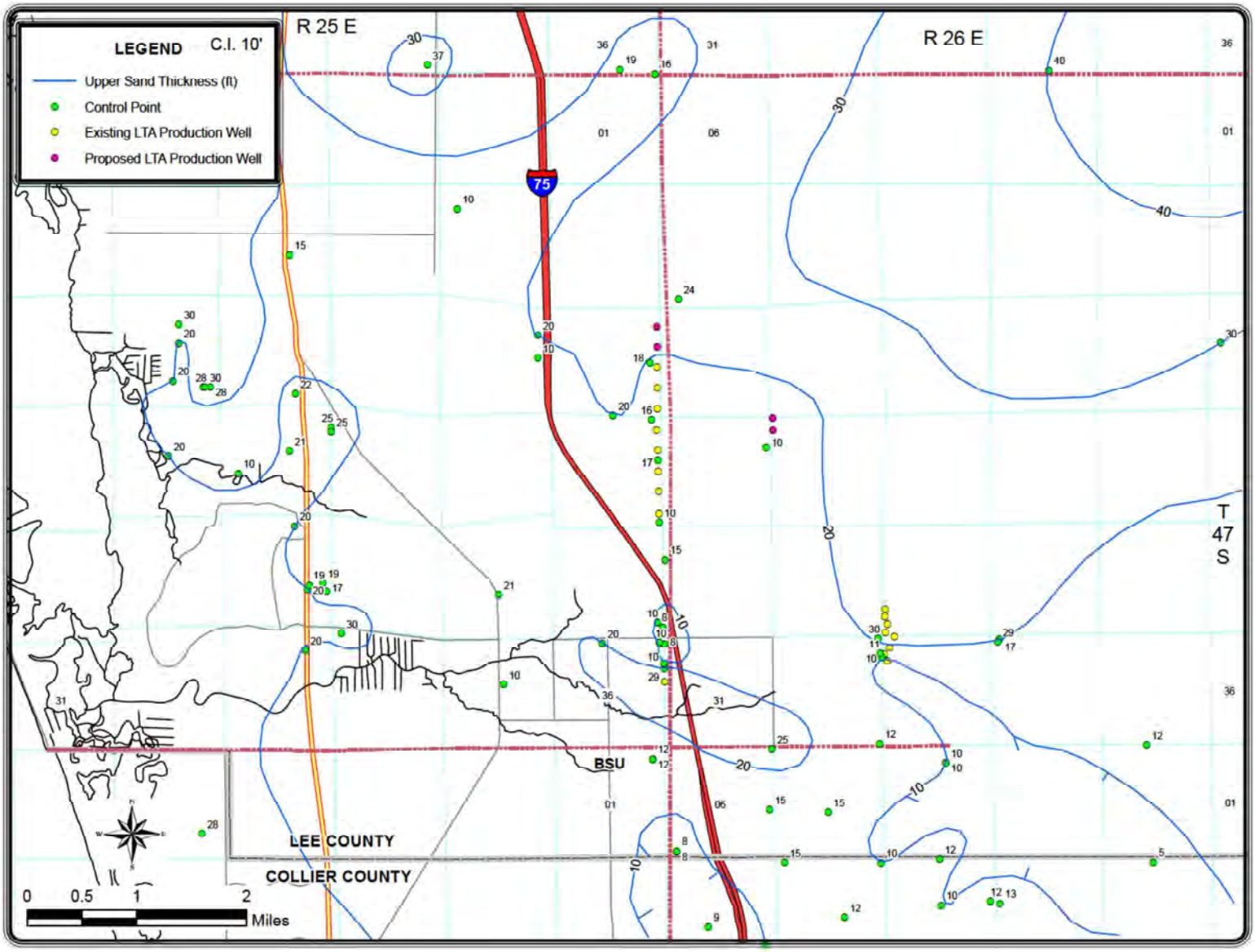


FIGURE 3-4. MAP SHOWING THICKNESS OF THE UPPER SAND SECTION OF THE WATER-TABLE AQUIFER.

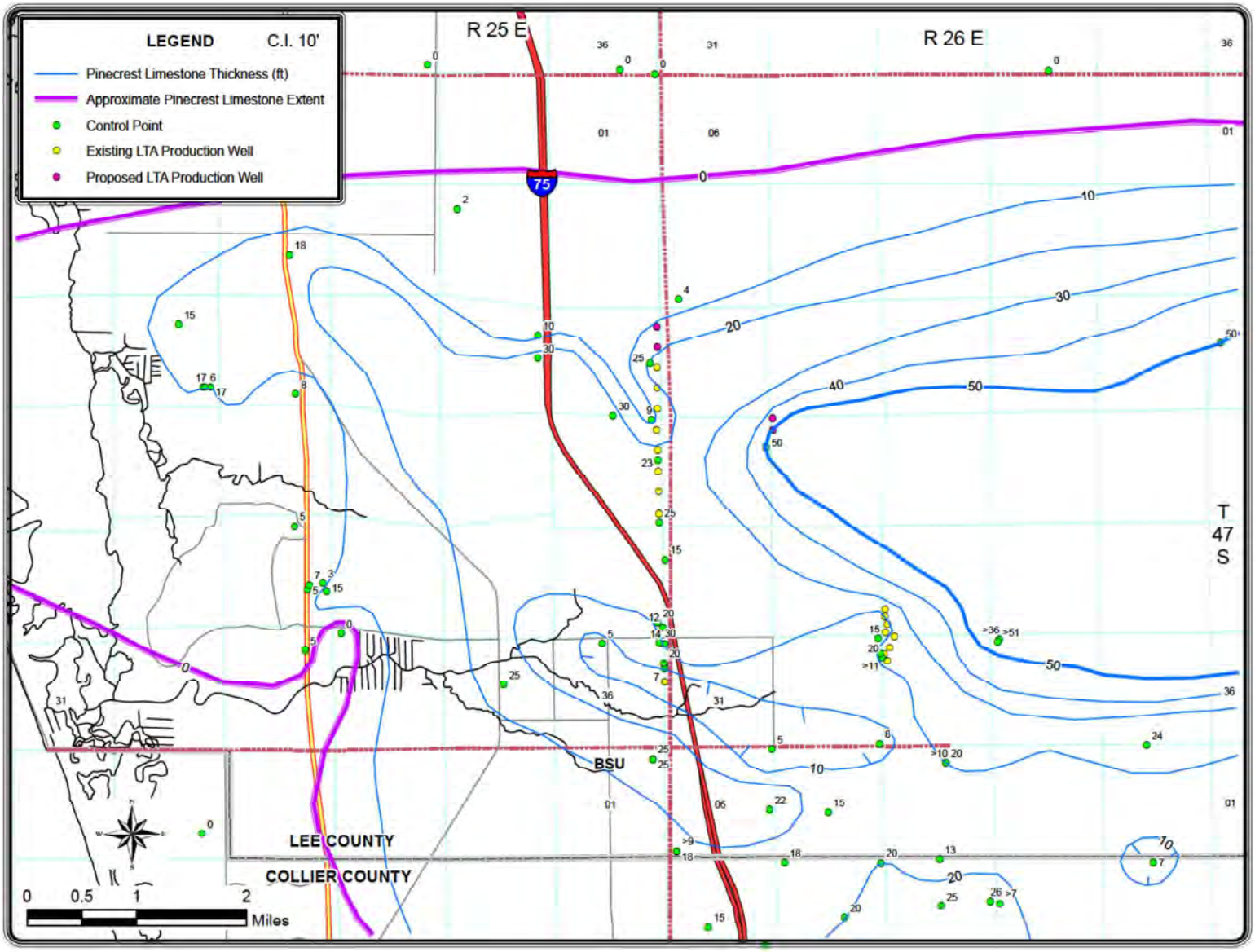


FIGURE 3-5. MAP SHOWING THICKNESS OF THE PINECREST LIMESTONE OF THE WATER-TABLE AQUIFER.

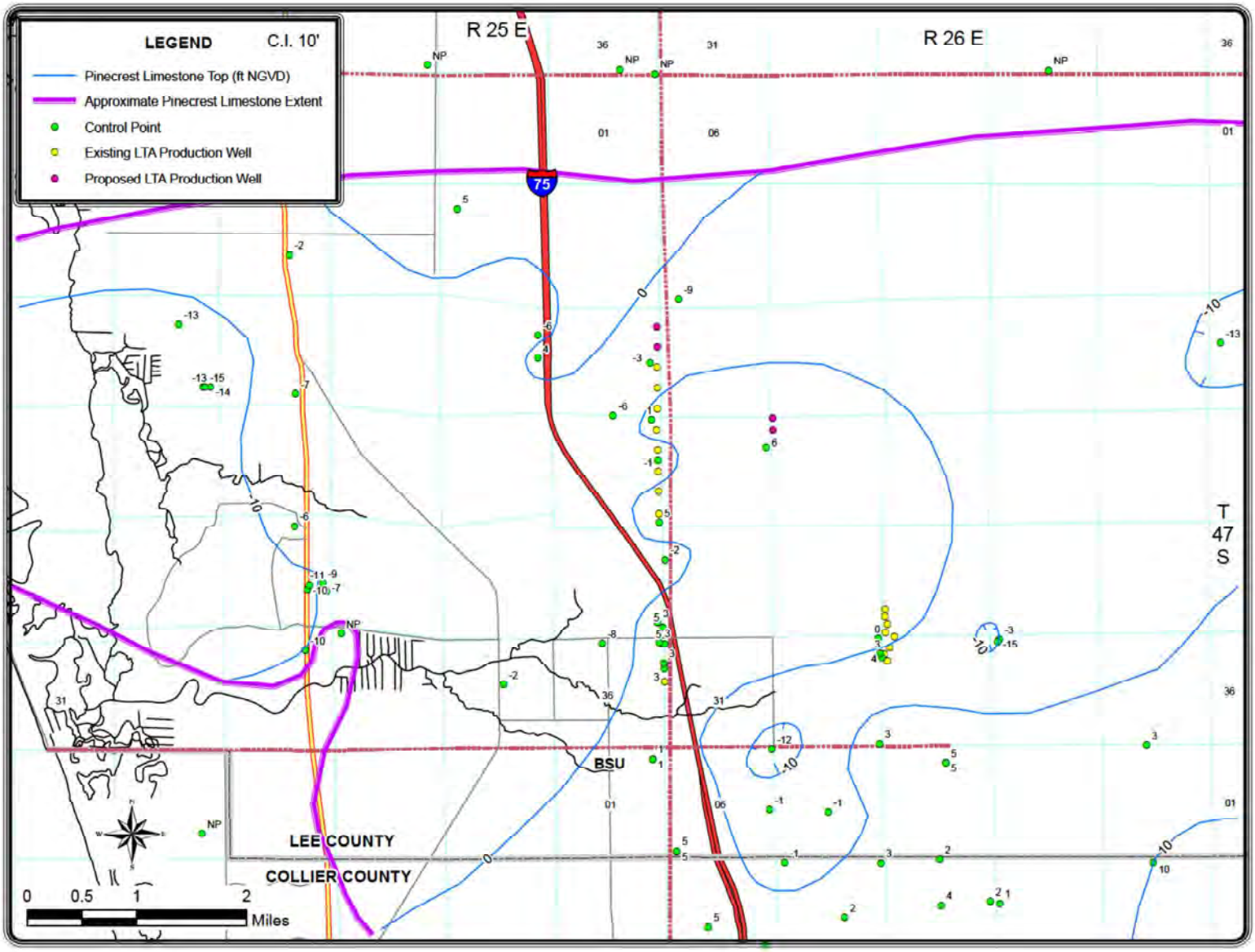


FIGURE3-6. STRUCTURAL CONTOUR MAP FOR THE TOP OF THE PINECREST LIMESTONE OF THE WATER-TABLE AQUIFER.

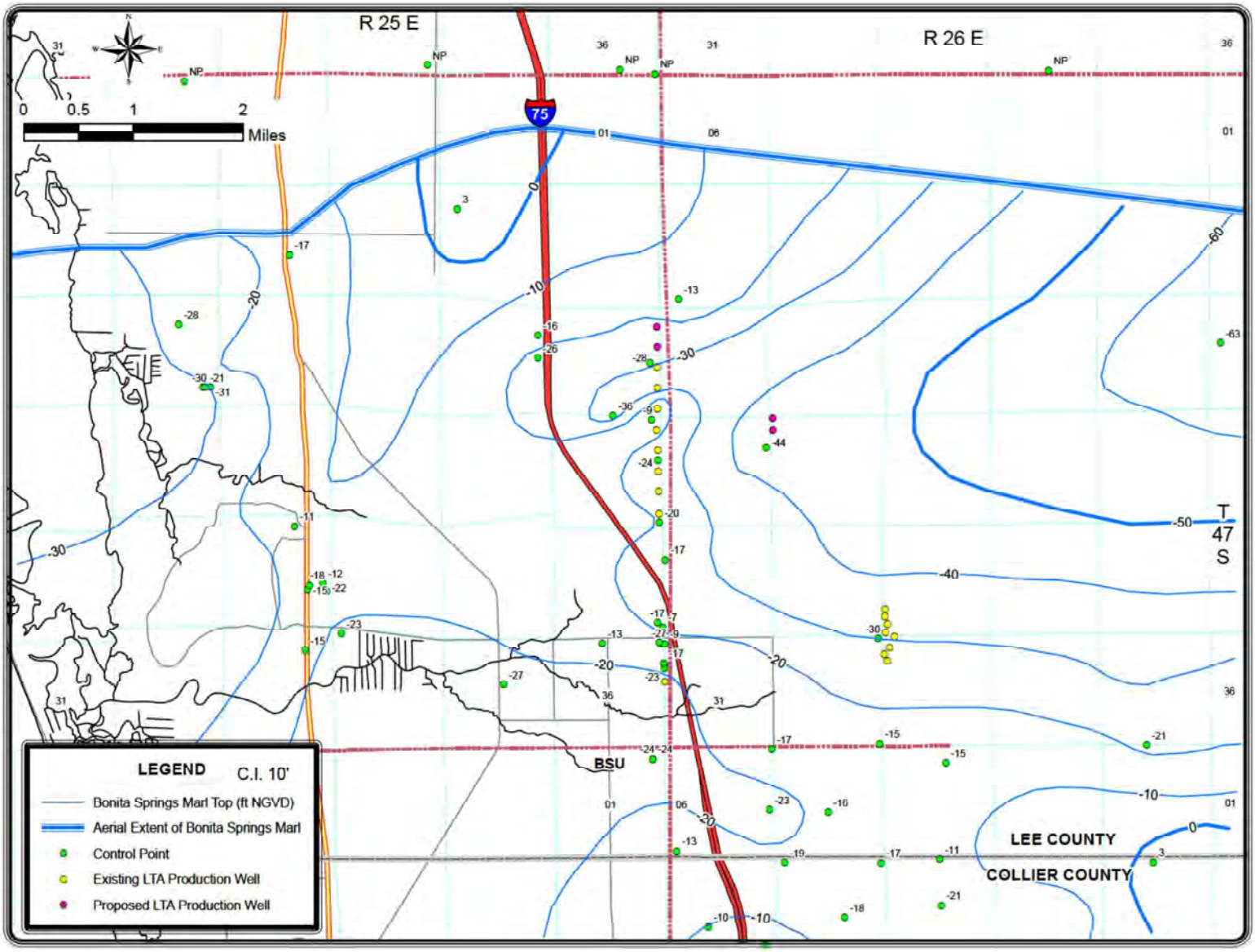


FIGURE 3-8. STRUCTURE CONTOUR MAP OF THE TOP OF THE BONITA SPRINGS MARL.

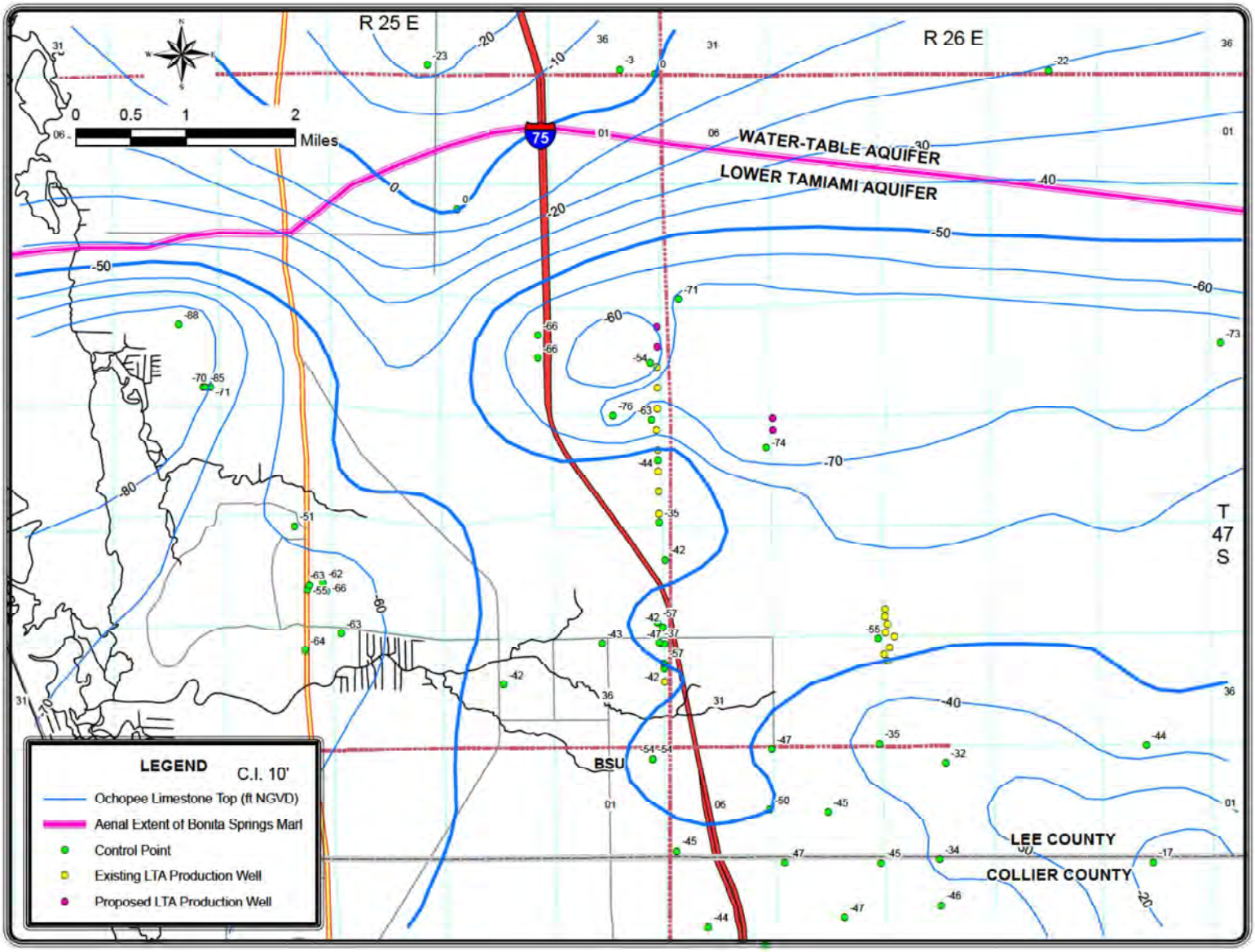


FIGURE 3-9. STRUCTURE CONTOUR MAP OF THE TOP OF THE OCHOPEE LIMESTONE.

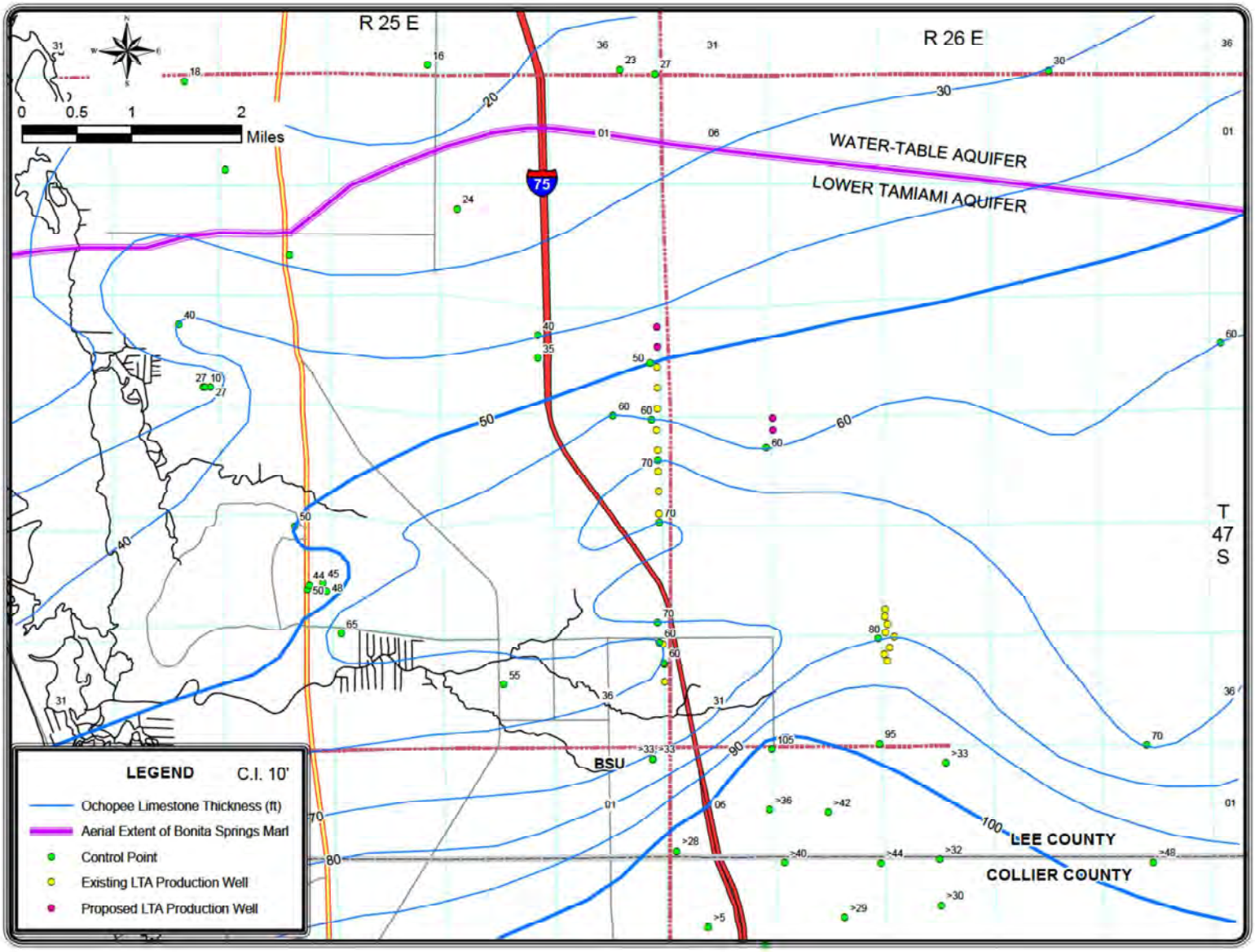
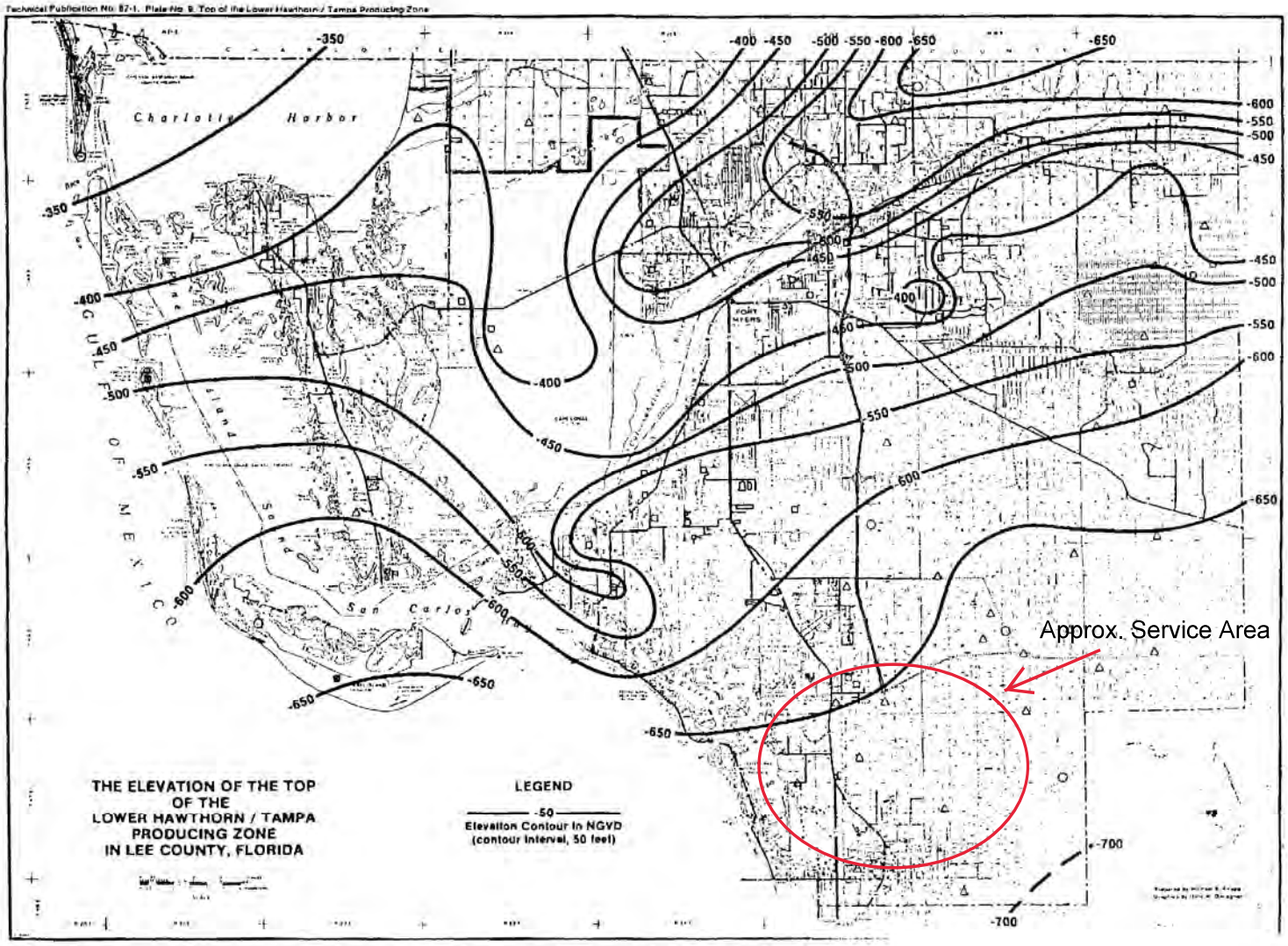
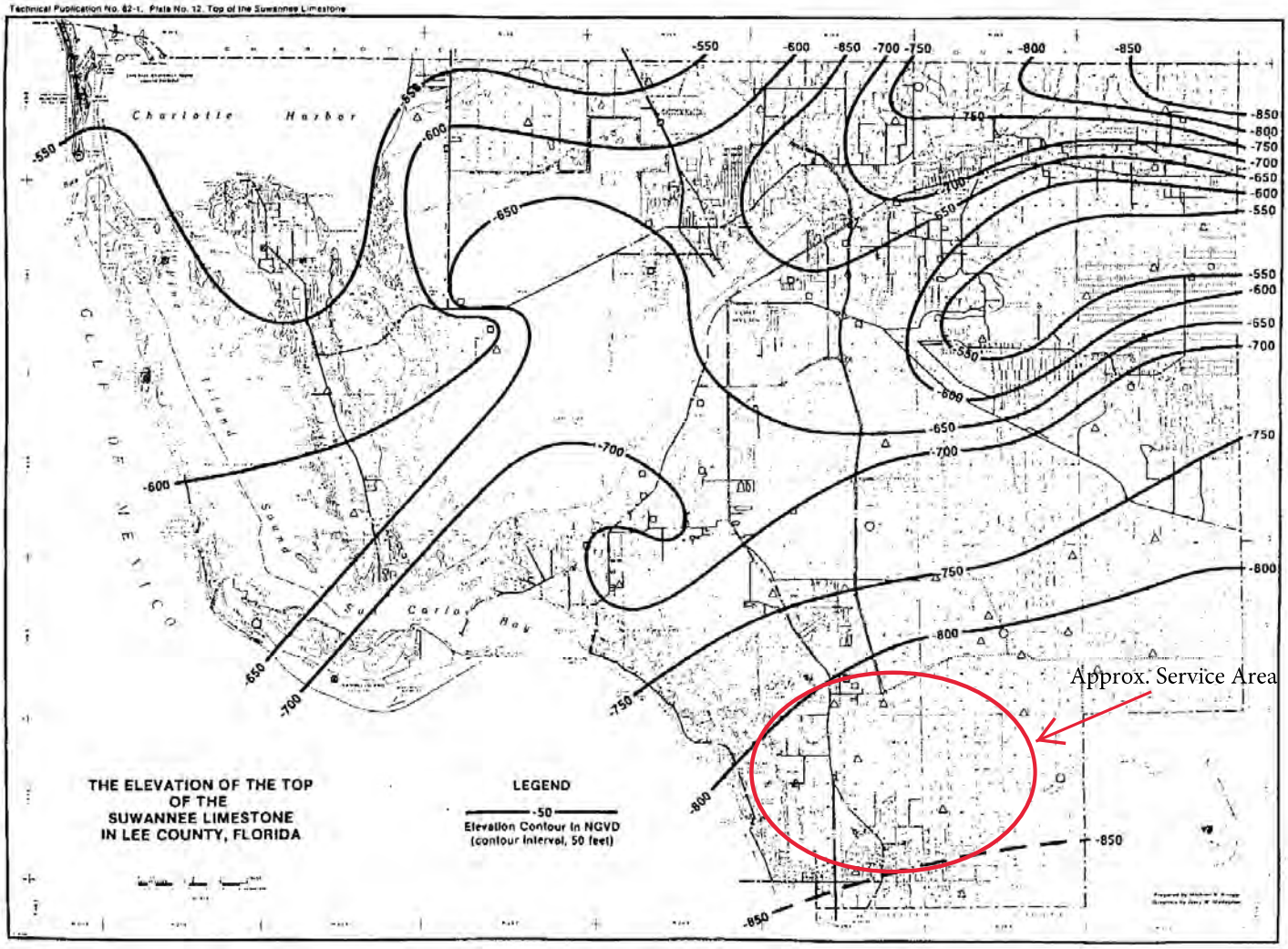


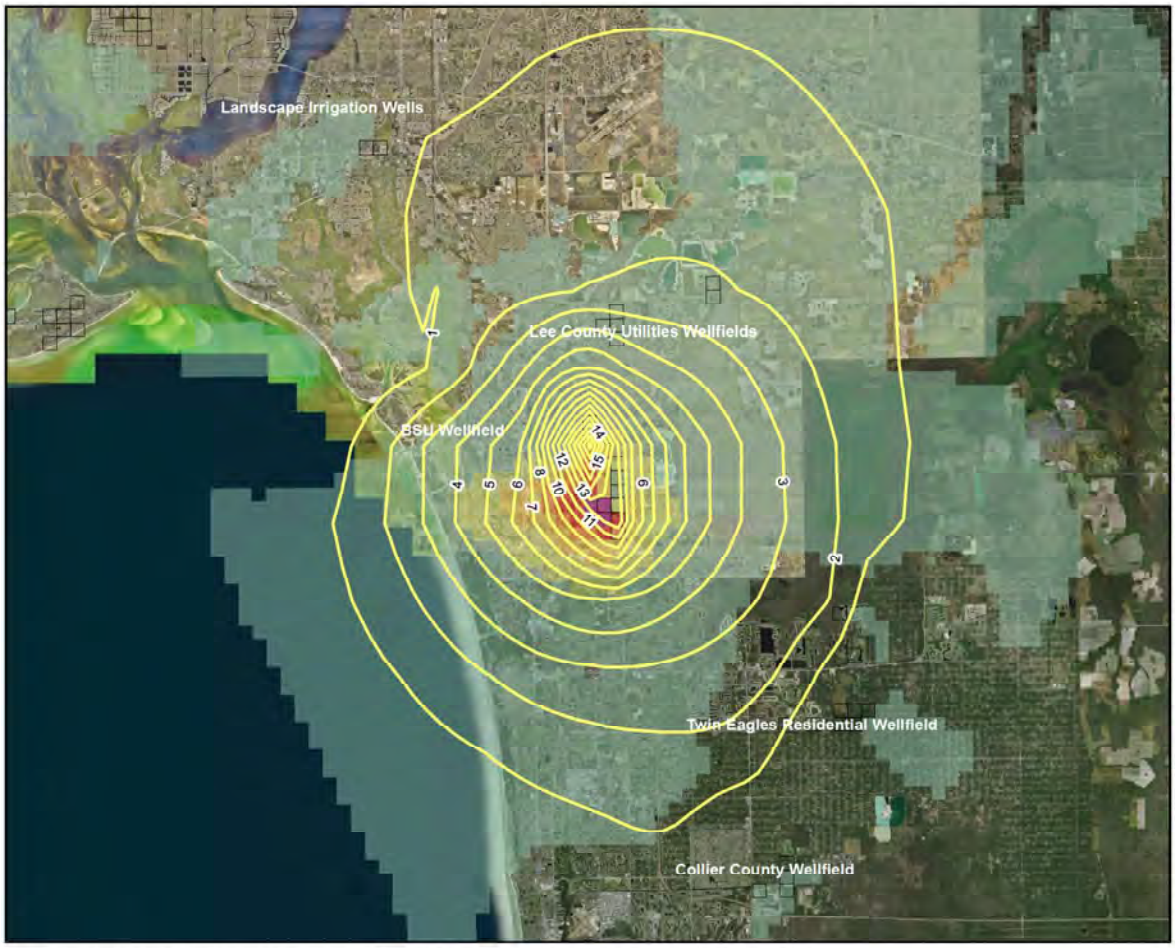
FIGURE 3-10. MAP SHOWING THICKNESS OF THE OHOPEE LIMESTONE OF THE TAMIAMI FORMATION.

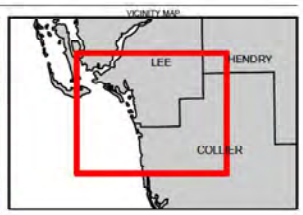
Technical Publication No. 87-1. Plate No. 9. Top of the Lower Hawthorn / Tampa Producing Zone



Technical Publication No. 82-1, Plate No. 12, Top of the Suwannee Limestone







LEGEND
Simulated Layer 1 (UFA) Total DD (ft)
Simulated Permitted UFA Well BC

Simulated Total Increase in TDS (g/L)
<0 - 0
>0- 0.5
>0.5 - 1
>1 - 1.5
>1.5 - 2
>2 - 2.5
>2.5 - 2.7151

Notes:
1. Maximum month conditions are represeted by SP243 withdrawal rates. SP243 represents a stress period with maximum March withdrawals at other users. Based on 2019 monthly use rates, BSU's maximum 3-month avorage withdrawals occur in March.

2. Simulated well withdrawals for current conditions.
BSU - Permitted withdrawal rate (13.07 MGD AADF) distributed evenly among permitted wells excluding Well 38 (15 wells) and varied monthly based on 2019 monthly use rates.
Others - Unaltered WCFM 2014 simulated monthly withdrawal rates.

3. Total permitted drawdown and TDS increase was calculated from non pumping conditions at BSU with all other users withdrawal rates unaltered.

4. Source: Aerial imagery, ESRI 2020

SP - Stress period
DD - Drawdown
BC - Boundary condition

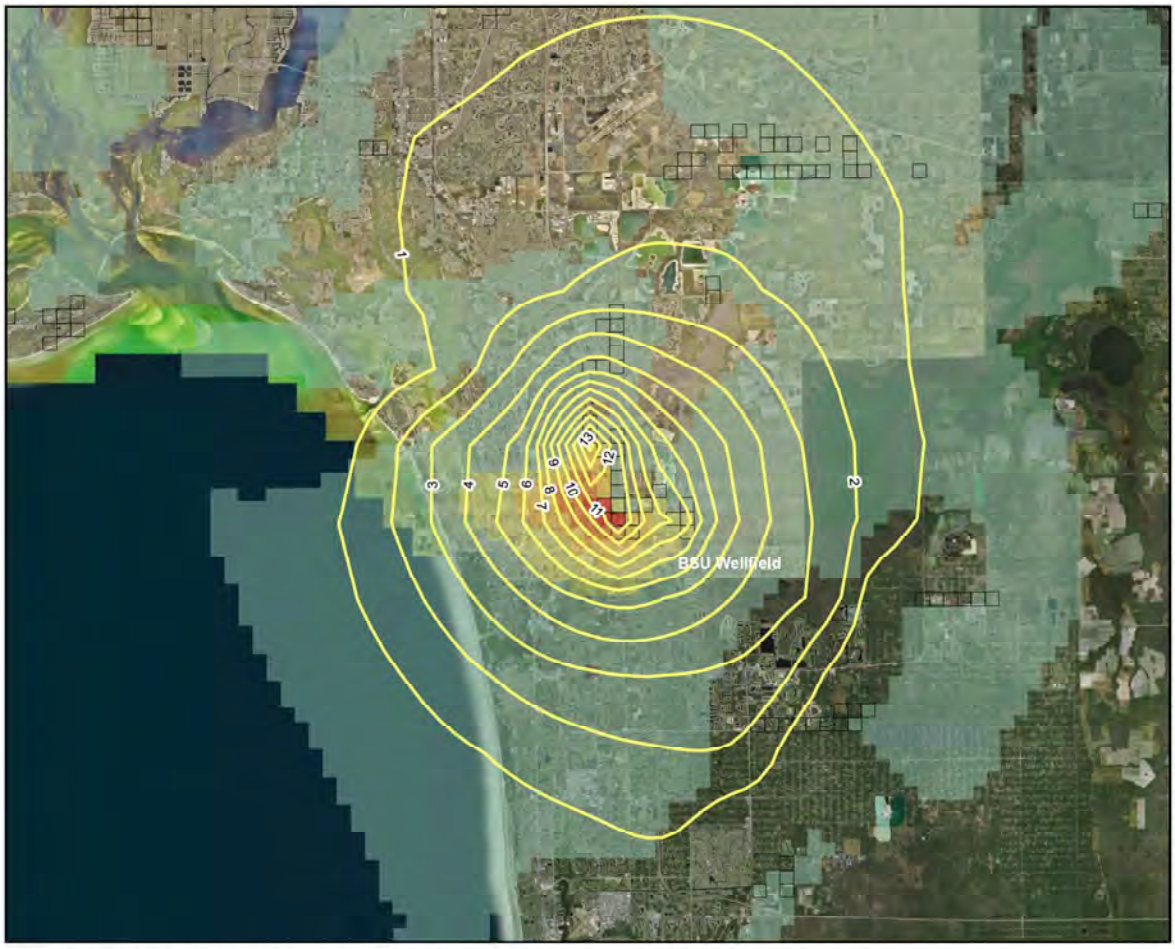
Total Drawdown Contour Interval = 1 foot

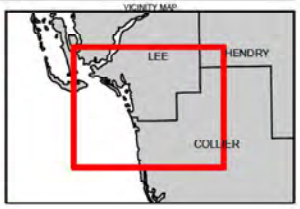
0 1.5 3 6 Miles

FIGURE 3
Simulated Permitted Maximum Month BSU Total UFA Drawdown and TDS Increase
Bonita Springs Utilities

DWG C:\USERS\ABEREN\DOCUMENTS\BONITA SPRINGS\2019 CUP RENEWAL\WCFM MODEL\IMPACT ASSESSMENT\FIGURES\FIGURE 3 EXISTING CONDITIONS_DRY_REVISED.MXD ABEREN 1/14/2022 1:35:26 PM

ch2m





LEGEND

Simulation Layer 1 (UFA) Total DD (ft)

Simulated 2040 (30 Well) UFA Well BC

Simulated Total Increase in TDS (g/L)

<0 - 0
>0 - 0.5
>0.5 - 1
>1 - 1.5
>1.5 - 2
>2 - 2.3055

Notes:

1. Maximum month conditions are represeted by SP243 withdrawal rates. SP243 represents a stress period with maximum March withdrawals at other users. Based on 2019 monthly use rates, BSU's maximum 3-month average withdrawals occur in March.

2. Simulated well withdrawals for proposed conditions:
BSU - Proposed withdrawal rate (14.19 MGD AADF) distributed evenly among permitted and proposed wells excluding Well 38 (28 wells) and varied monthly based on 2019 monthly use rates.
Others - Unaltered WCFM 2040 simulated monthly withdrawal rates.

3. Total proposed drawdown and TDS increase was calculated from non pumping conditions at BSU with all other users withdrawal rates unaltered.

4. Source: Aerial imagery, ESRI 2020

SP - Stress period
DD - Drawdown
BC - Boundary condition

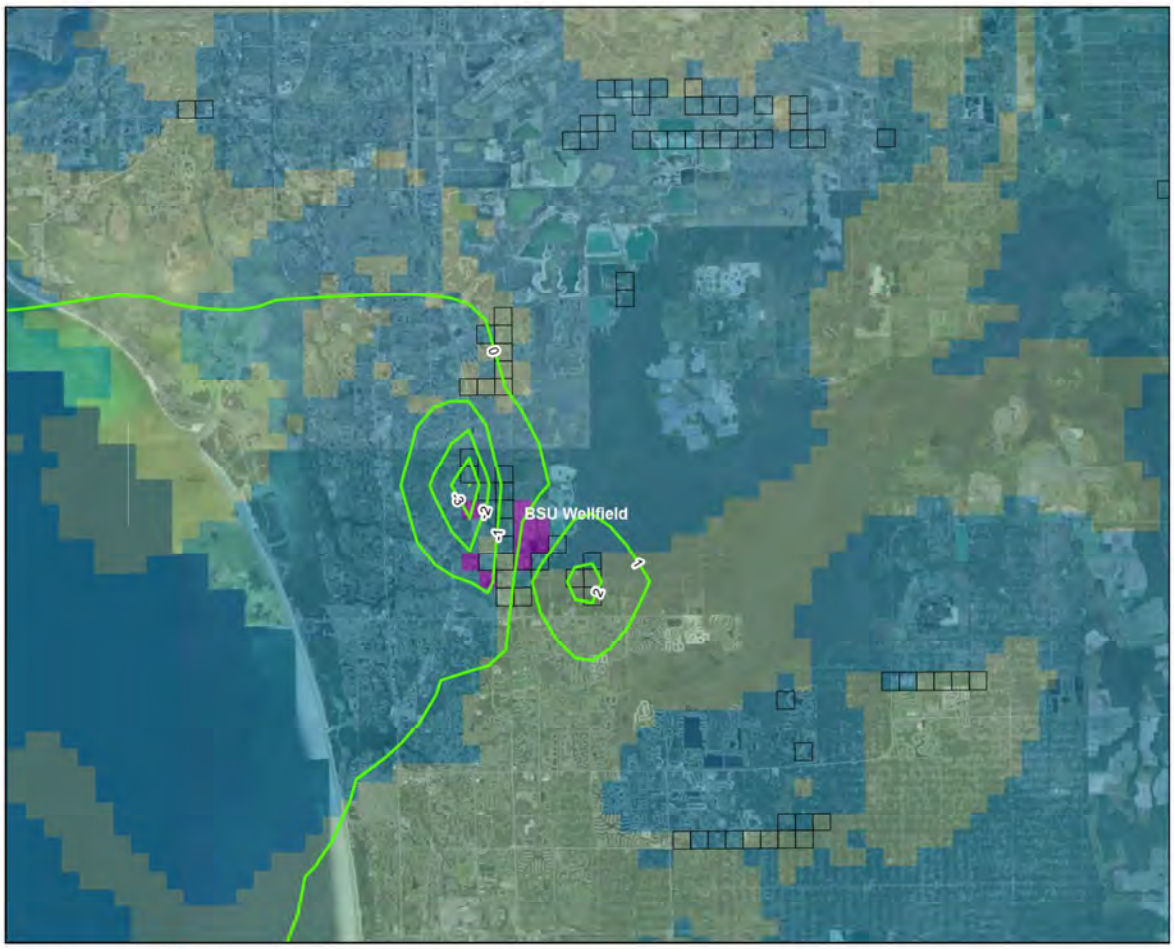
Total Drawdown Contour Interval = 1 foot

0 1.5 3 6 Miles

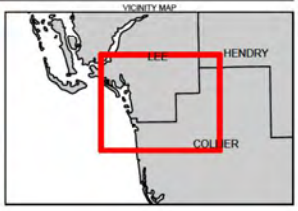
FIGURE 9
Simulated Proposed (30 Well) Maximum Month Total BSU Drawdown and TDS Concentration Increase
Bonita Springs Utilities

ch2m

DWG C:\USERS\ABEREN\DOCUMENTS\BONITA SPRINGS\2019 CUP RENEWAL\WCFM MODEL\IMPACT ASSESSMENT\FIGURES\FIGURE 9 PROPOSED CONDITIONS_30 WELLS_DRY_REVISED.MXD ABEREN 1/14/2022 2:11:26 PM



VICINITY MAP



LEGEND

Simulated Layer 1 (UFA) Incremental DD (ft)

Simulated Proposed (30 Well) Well BC

Incremental Increase in TDS Conc. (g/L)

-0.8766 - -0.5

>-0.5 - 0

>0 - 0.3424

Notes:

1. Maximum month conditions are represeted by SP243 withdrawal rates. SP243 represents a stress period with maximum March withdrawals at other users. Based on 2019 monthly use rates, BSU's maximum 3-month average withdrawals occur in March.

2. Simulated well withdrawals for proposed conditions:
BSU - Proposed withdrawal rate (14.19 MGD AADF) distributed evenly among permitted and proposed wells excluding Well 38 (30 wells) and varied monthly based on 2019 monthly use rates.
Others - Unaltered WCFM 2040 simulated monthly withdrawal rates.

3. Simulated incremental proposed drawdown and TDS increase was calculated as the difference between simulated proposed total drawdown/TDS increase and simulated current total drawdown/TDS increase at BSU.

4. Source: Aerial imagery, ESRI 2020

SP - Stress period
DD - Drawdown
BC - Boundary Condition

Incremental Drawdown Contour Interval = 1 foot

0 1 2 4 Miles

N

FIGURE 11
Simulated Proposed (30 Well) Maximum Month Incremental UFA Drawdown and Increase in TDS Concentrations
Bonita Springs Utilities

ch2m

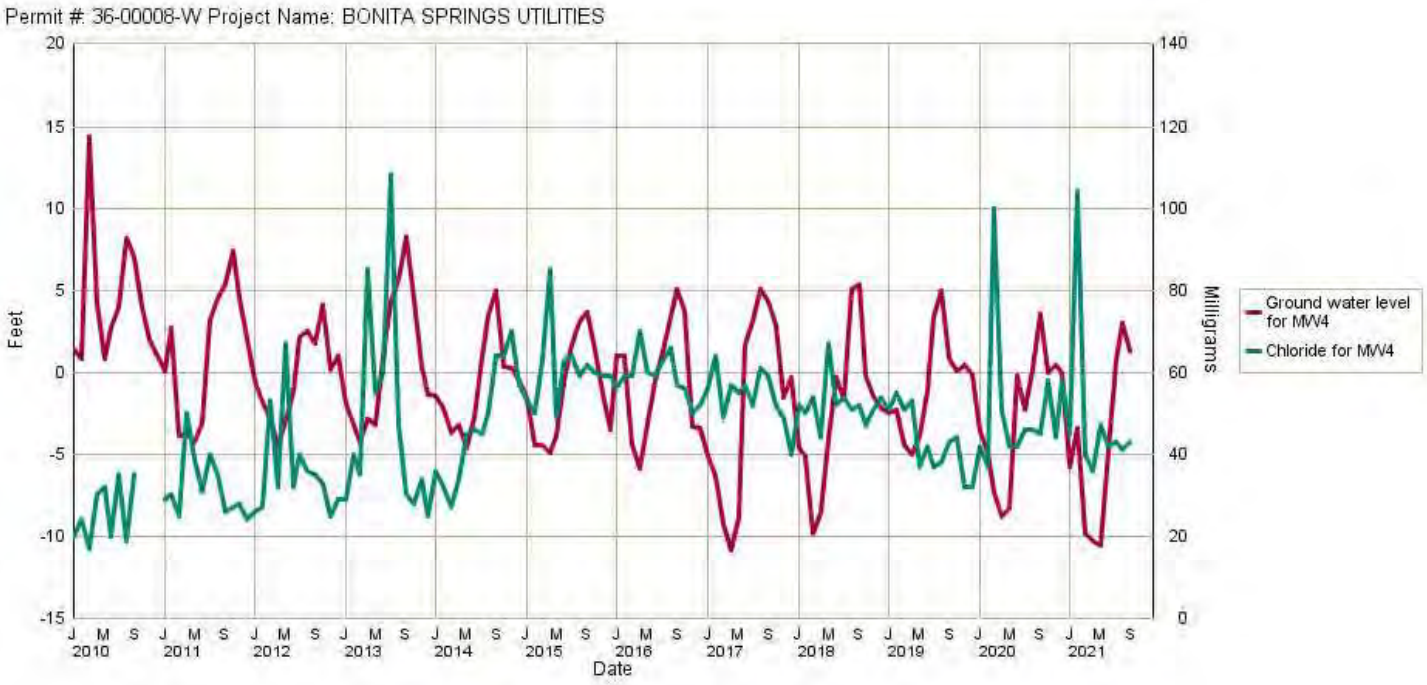
The annual percent salinity change is calculated using the average of monthly data for the entire period of record (2004 through 2020).

Table 8-3: Chloride Trends for all BSU LTA Production Wells

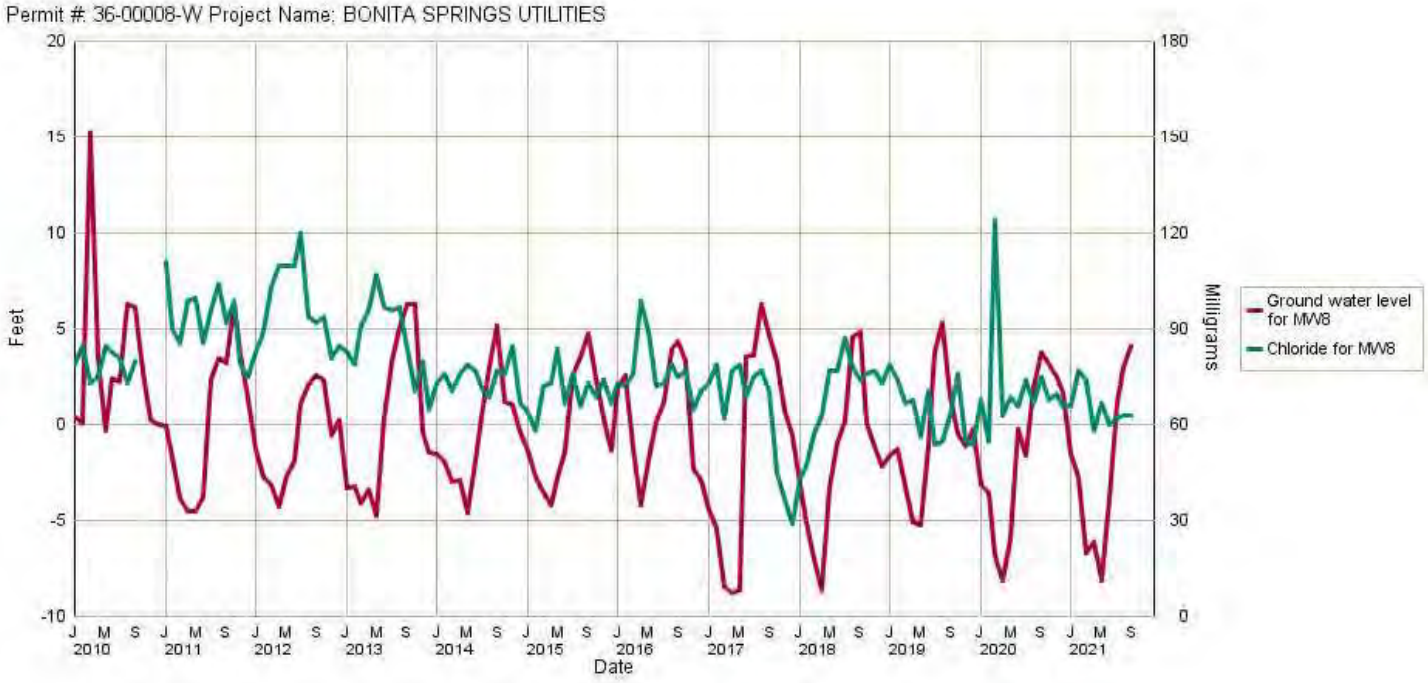
BSU LTA PRODUCTION WELLS					
WELL	ANNUAL AVERAGE (MG/L)	ANNUAL % CHANGE	WELL	ANNUAL AVERAGE (MG/L)	ANNUAL % CHANGE
Well 5	81.25	-0.75	Well 15	101.66	-0.14
Well 6	85.57	-3.70	Well 16	92.86	-1.15
Well 8	71.92	-4.68	Well 18	92.12	-0.90
Well 9	81.15	3.95	Well 19	92.30	0.39
Well 10	86.48	4.28	Well 20	107.61	0.00
Well 11	90.79	2.97	Well 21	96.50	-1.07
Well 12	100.04	-0.04	Well 22	68.88	-1.09
Well 13	110.03	0.14	Well 23	62.42	-1.38
Well 14	94.03	-4.58	Well 24	60.28	-1.42

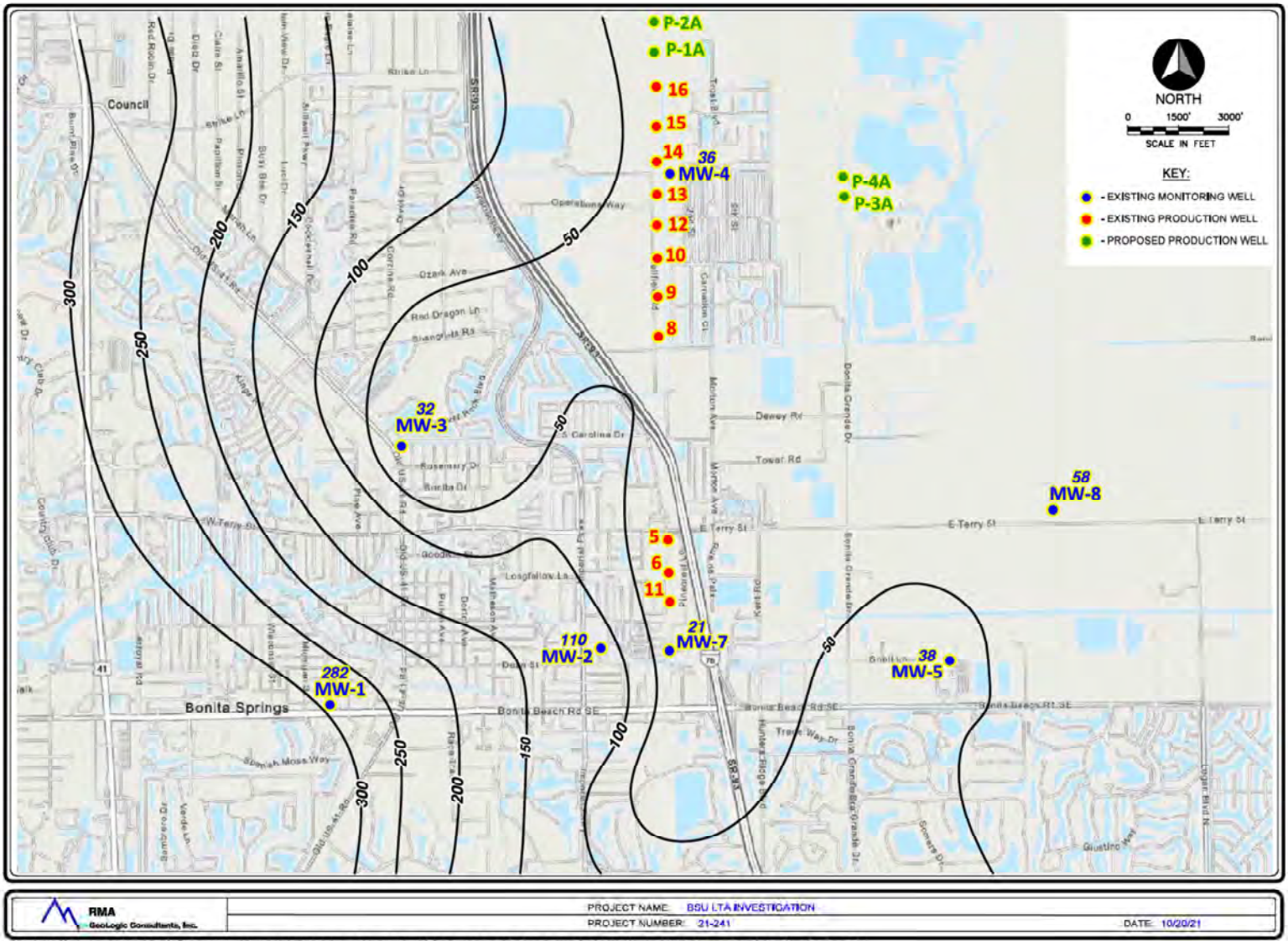
Table 8-4: Chlorine Trends for Select Monitoring Wells in the Vicinity of BSU LTA Production Wells

LTA MONITORING WELLS					
WELL	ANNUAL AVERAGE (MG/L)	ANNUAL % CHANGE	WELL	ANNUAL AVERAGE (MG/L)	ANNUAL % CHANGE
L-738	298.86	-2.42	MW-2	108.04	-1.88
L-5745R	157.14	-1.99	MW-3	36.35	7.79
LM-1676	206.79	-9.47	MW-4	47.08	-9.41
LM-3555	109.75	-2.55	MW-5	37.46	-11.60
MW-1-S	306.68	1.64	MW-6	88.1	-4.14
C-490	30.42	21.86	MW-7	40.31	-26.17
MW-1	307.7	-3.23	MW-8	64.26	-0.02


Permit #: 36-00008-W Project Name: BONITA SPRINGS UTILITIES
Feet
Milligrams
Date
Ground water level for MW4
Chloride for MW4
20
15
10
5
0
-5
-10
-15
140
120
100
80
60
40
20
0
J M S J M S J M S J M S J M S J M S J M S J M S J M S J M S J M S J M S
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021

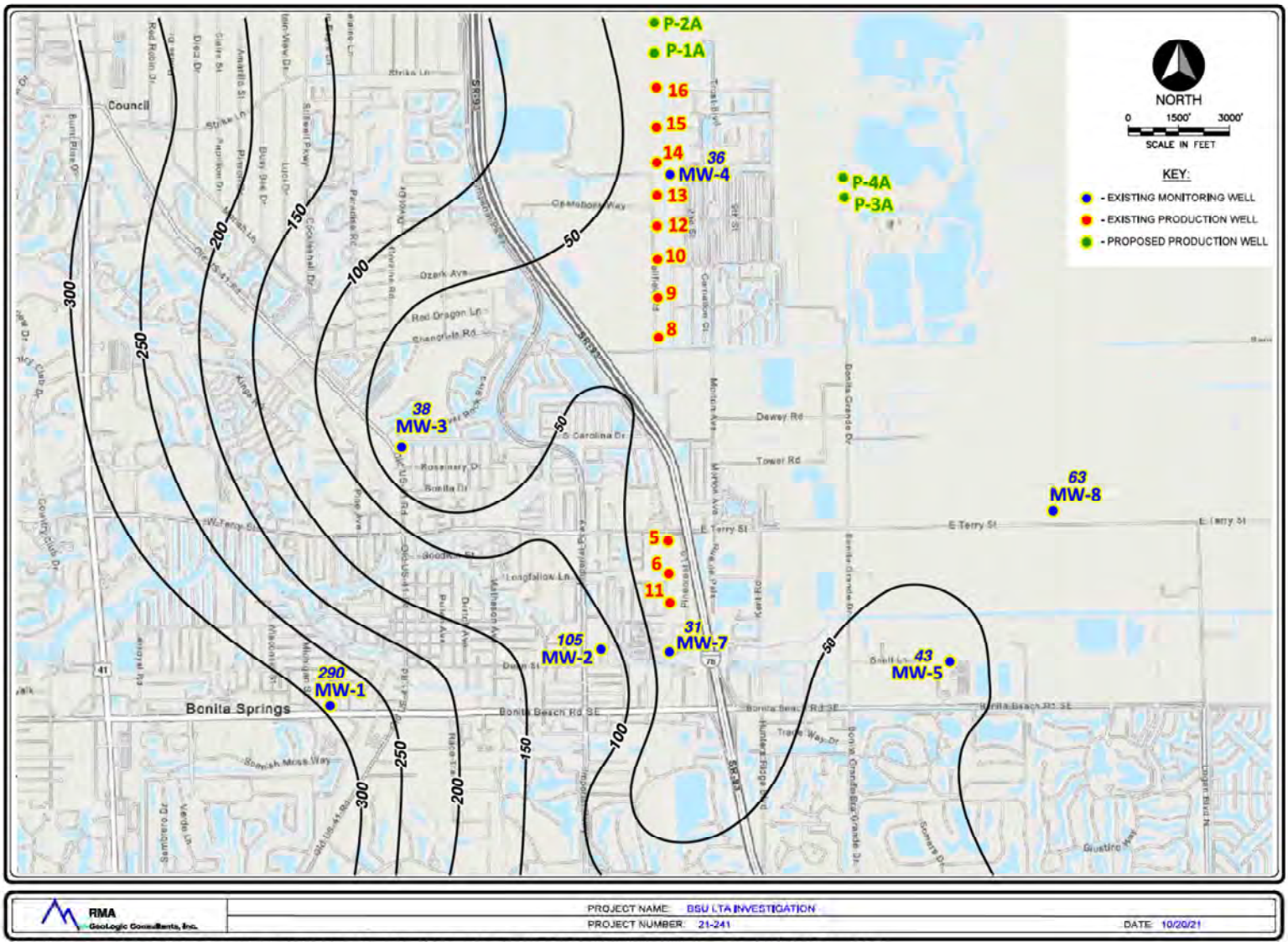
Permit #: 36-00008-W Project Name: BONITA SPRINGS UTILITIES





RMA GeoLogic Consultants, Inc.	PROJECT NAME: BSU LTA INVESTIGATION	
	PROJECT NUMBER: 21-241	DATE: 10/20/21

FIGURE 4-1. CHLORIDE CONCENTRATION CONTOUR MAP FOR LOWER TAMIAMI AQUIFER FOR APRIL 26, 2021.



RMA GeoLogic Consultants, Inc.

PROJECT NAME: BSU LTA INVESTIGATION
PROJECT NUMBER: 21-241
DATE: 10/20/21

FIGURE 4-2. CHLORIDE CONCENTRATION CONTOUR MAP FOR LOWER TAMIAMI AQUIFER FOR AUGUST 23, 2021.

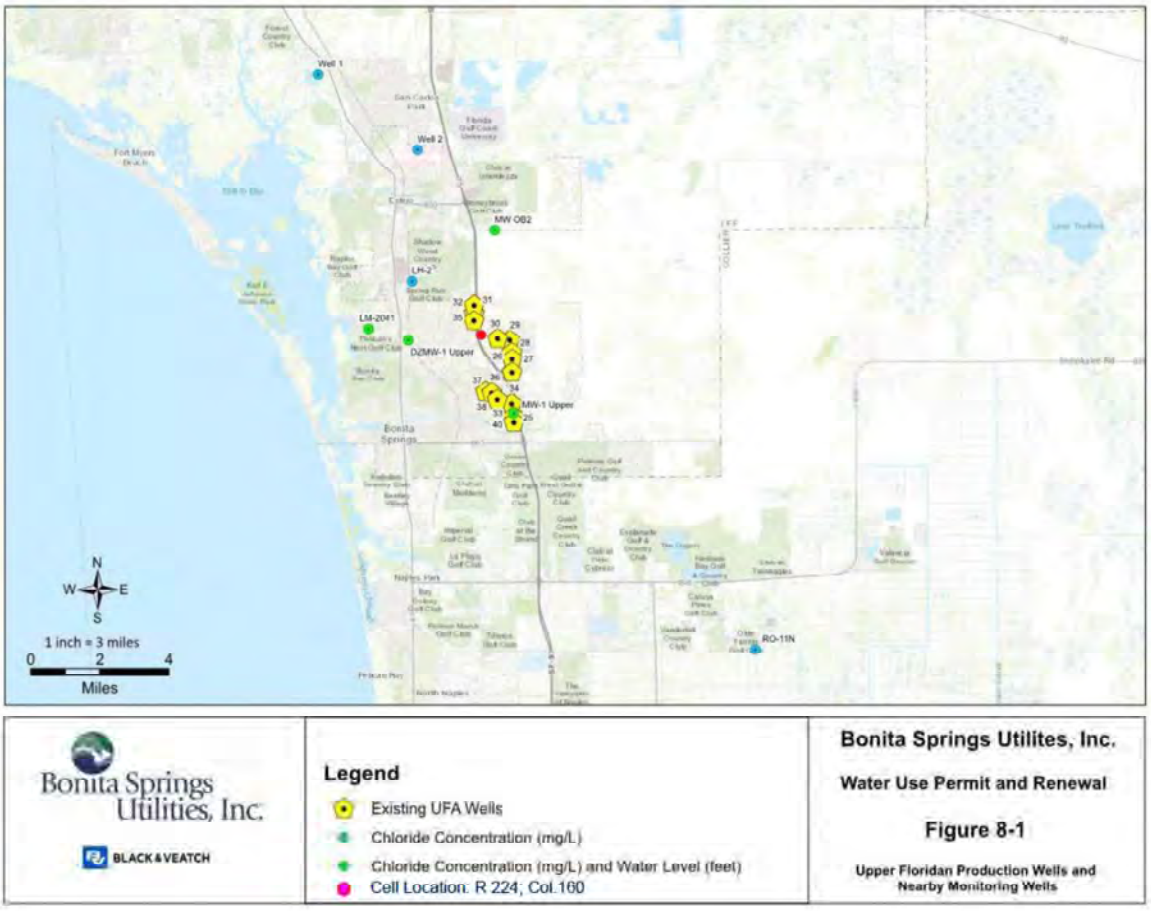


Figure 8-1: Upper Floridian Production Wells and Nearby Monitoring Wells

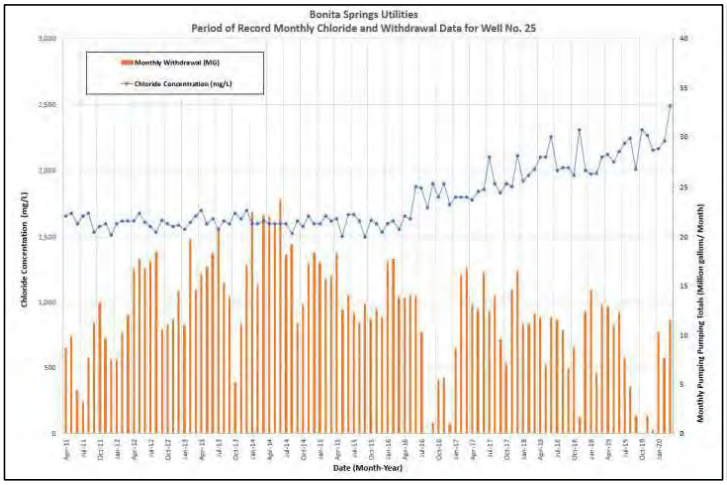
Table 8-1. The annual percent chloride change is calculated using the average of monthly data for the entire period of record (2011 through 2020).

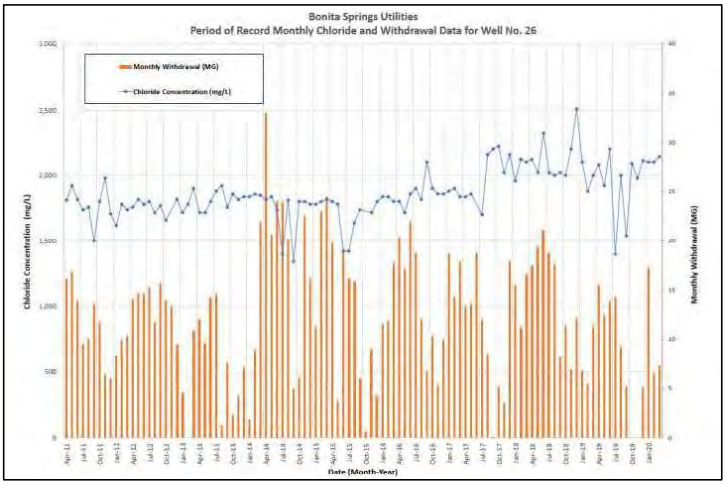
Table 8-1: Chloride Trends for all BSU UFA Production Wells

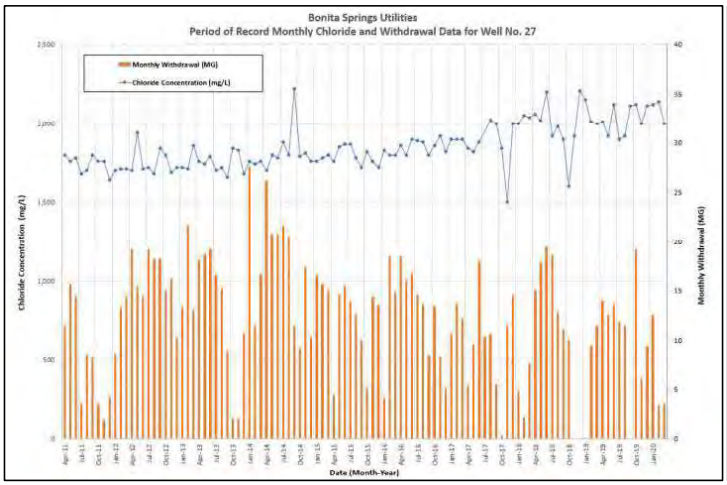
BSU UFA PRODUCTION WELLS					
WELL	ANNUAL AVERAGE (MG/L)	ANNUAL % CHANGE	WELL	ANNUAL AVERAGE (MG/L)	ANNUAL % CHANGE
Well 25	1818	3.87	Well 32	1242	0.06
Well 26	1836	2.43	Well 33	1520	9.31
Well 27	1856	1.92	Well 34	1354	8.04
Well 28	1219	2.55	Well 35	1493	6.83
Well 29	1791	1.77	Well 36	1803	-8.75
Well 30	1895	3.86	Well 37	1907	11.55
Well 31	1326	0.58	Well 40	1616	12.81

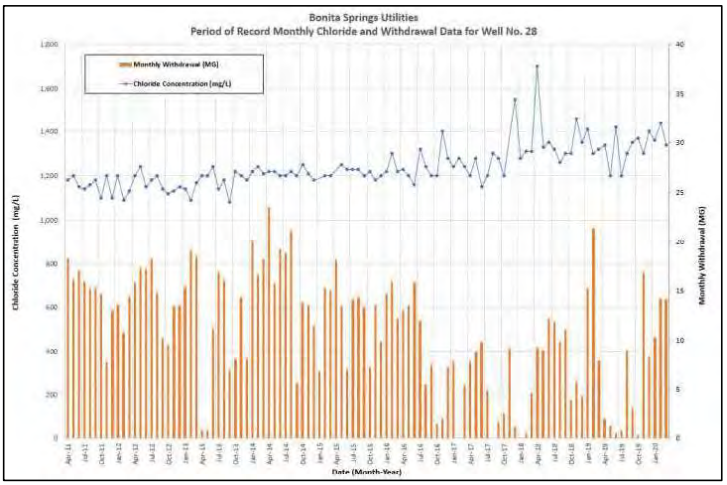
Table 8-2: Chloride Trends for all BSU UFA Monitoring Wells

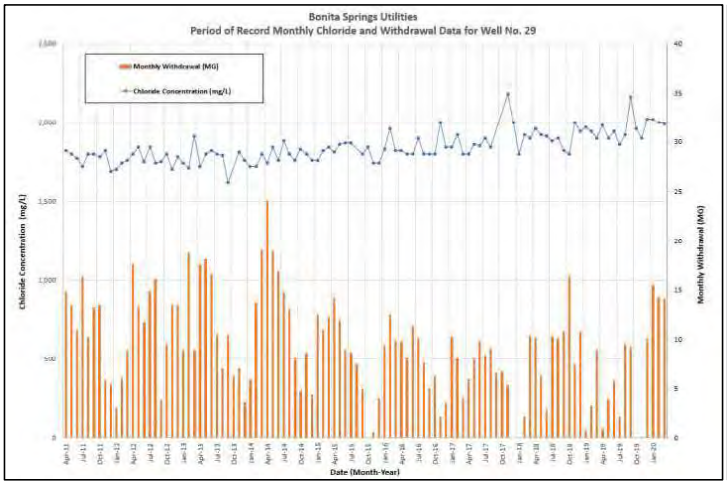
UFA MONITORING WELLS		
WELL	**ANNUAL AVERAGE (MG/L)**	**ANNUAL % CHANGE**
LH-2	1154	1.09
LM-2041	1222	0.05
BSU SZMW at WTP (MW-1 Upper)	2936	0.096
BSU SZMW at WRF (DZMW Upper)	5863	1.71
MW OB2, Well 29 (RO Observ. Well 2)	1039	3.44
Well 2	1121	-1.38
Well 1	1136	7.54
RO-11N	2563	1.88

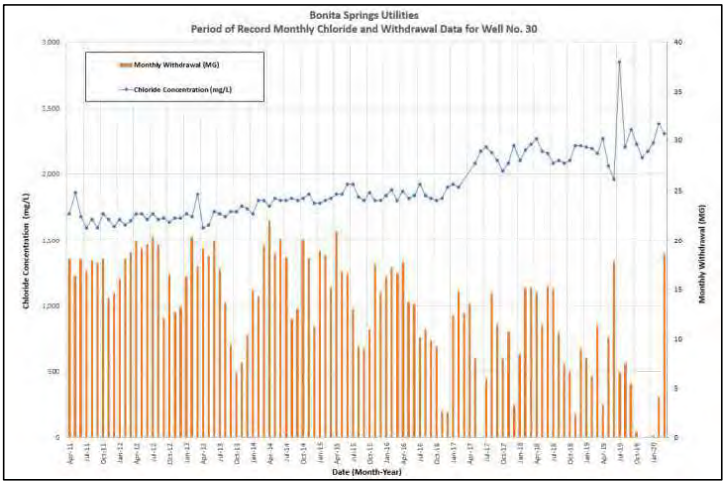

Bonita Springs Utilities
Period of Record Monthly Chloride and Withdrawal Data for Well No. 25
Monthly Withdrawal (MG)
Chloride Concentration (mg/L)
Chloride Concentration (mg/L)
Monthly Pumping Totals (Million gallons/ Month)
Date (Month-Year)

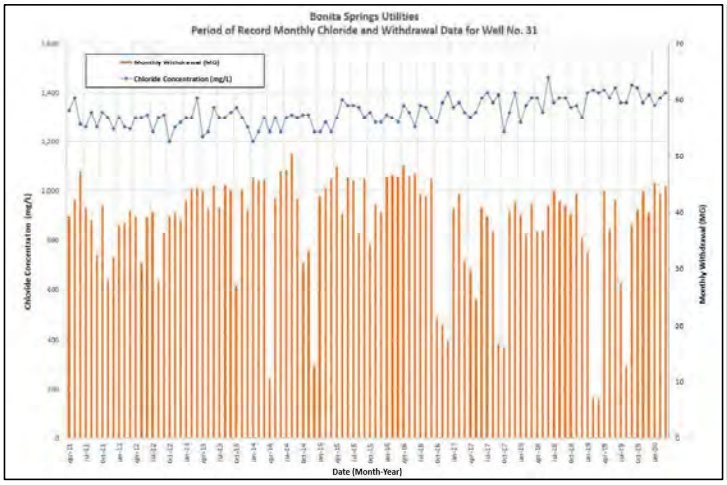

Bonita Springs Utilities
Period of Record Monthly Chloride and Withdrawal Data for Well No. 26
Monthly Withdrawal (MG)
Chloride Concentration (mg/L)
Chloride Concentration (mg/L)
Monthly Withdrawal (MG)
Date (Month-Year)

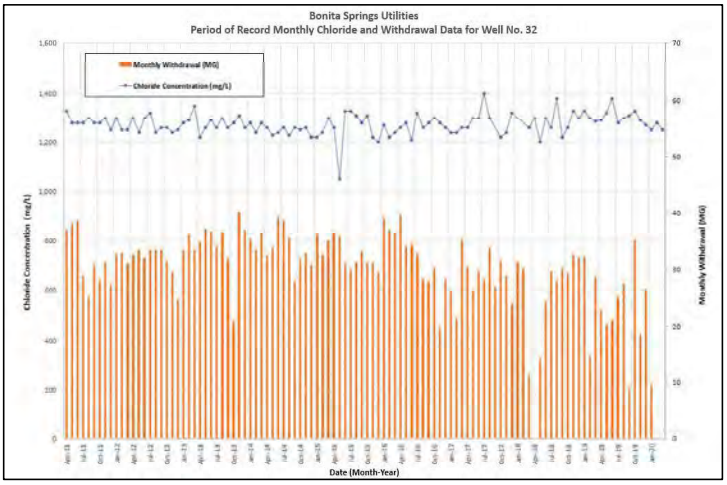

Bonita Springs Utilities
Period of Record Monthly Chloride and Withdrawal Data for Well No. 27
Monthly Withdrawal (MG)
Chloride Concentration (mg/L)
Chloride Concentration (mg/L)
Monthly Withdrawal (MG)
Date (Month-Year)

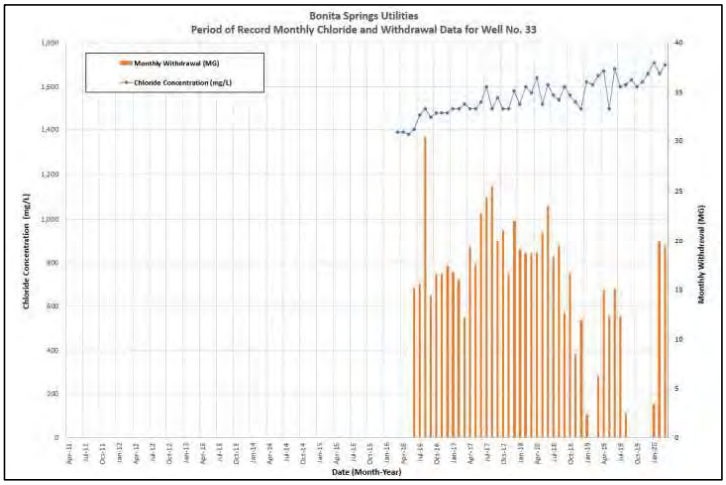

Bonita Springs Utilities
Period of Record Monthly Chloride and Withdrawal Data for Well No. 28
Monthly Withdrawal (MG)
Chloride Concentration (mg/L)
Chloride Concentration (mg/L)
Monthly Withdrawal (MG)
Date (Month-Year)

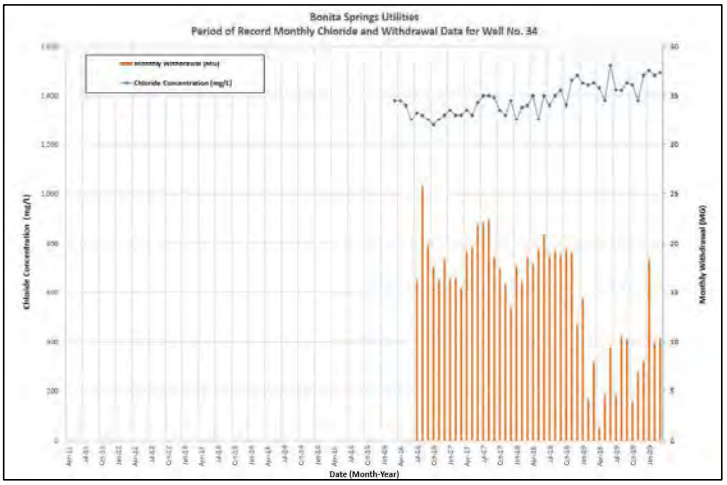

Bonita Springs Utilities
Period of Record Monthly Chloride and Withdrawal Data for Well No. 29
Monthly Withdrawal (MG)
Chloride Concentration (mg/L)
Chloride Concentration (mg/L)
Monthly Withdrawal (MG)
Date (Month-Year)

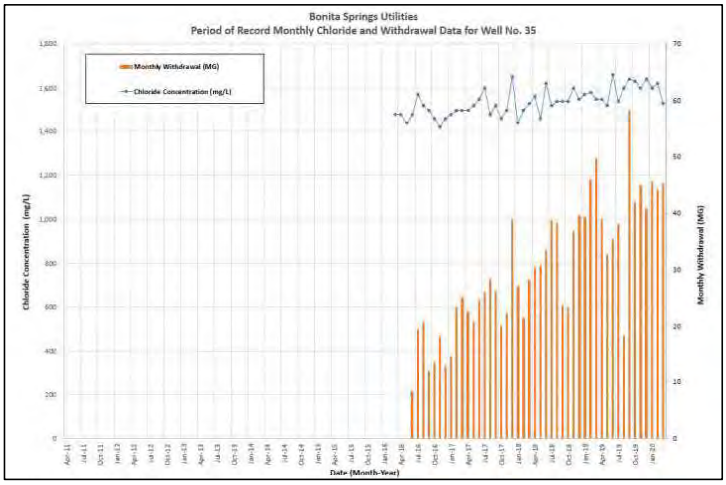

Bonita Springs Utilities
Period of Record Monthly Chloride and Withdrawal Data for Well No. 30
Monthly Withdrawal (MG)
Chloride Concentration (mg/L)
Chloride Concentration (mg/L)
Monthly Withdrawal (MG)
Date (Month-Year)

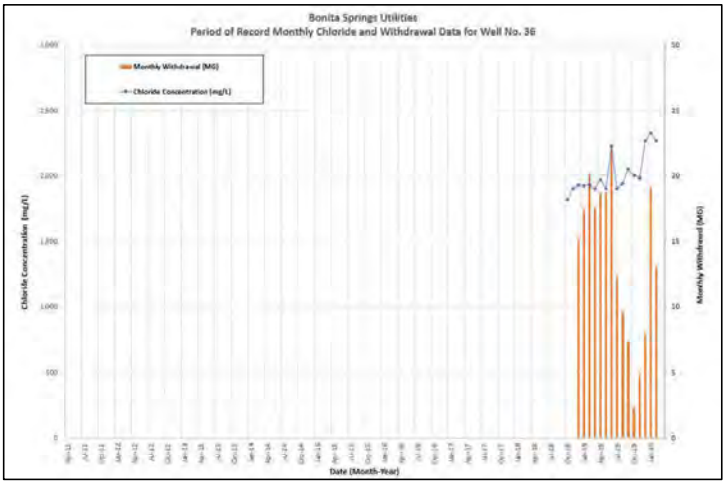

Bonita Springs Utilities
Period of Record Monthly Chloride and Withdrawal Data for Well No. 31
Monthly Withdrawal (MG)
Chloride Concentration (mg/L)
Chloride Concentration (mg/L)
Monthly Withdrawal (MG)
Date (Month-Year)

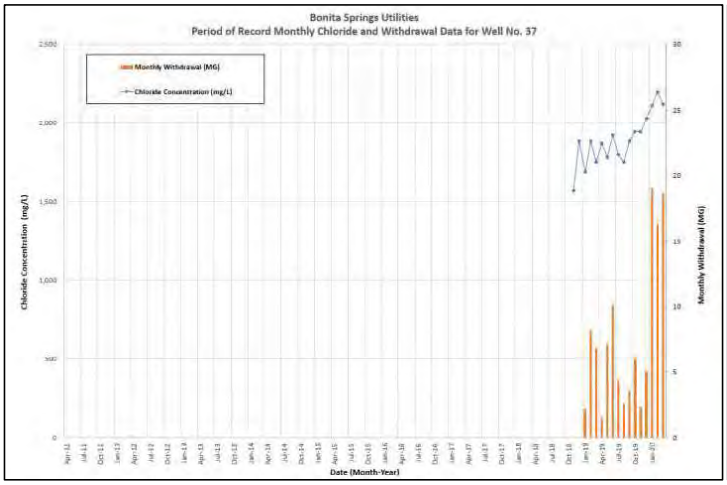

Bonita Springs Utilities
Period of Record Monthly Chloride and Withdrawal Data for Well No. 32
Monthly Withdrawal (MG)
Chloride Concentration (mg/L)
Chloride Concentration (mg/L)
Monthly Withdrawal (MG)
Date (Month-Year)

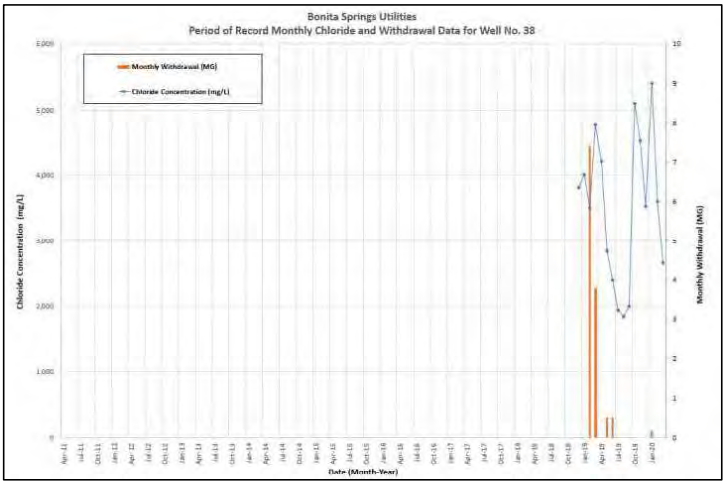

Bonita Springs Utilities
Period of Record Monthly Chloride and Withdrawal Data for Well No. 33
Monthly Withdrawal (MG)
Chloride Concentration (mg/L)
Chloride Concentration (mg/L)
Monthly Withdrawal (MG)
Date (Month-Year)

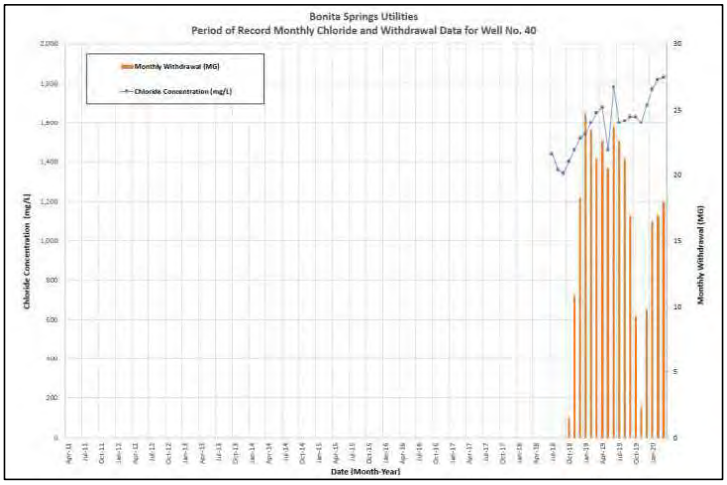

Bonita Springs Utilities
Period of Record Monthly Chloride and Withdrawal Data for Well No. 34
Monthly Withdrawal (MG)
Chloride Concentration (mg/L)
Chloride Concentration (mg/L)
Monthly Withdrawal (MG)
Date (Month-Year)

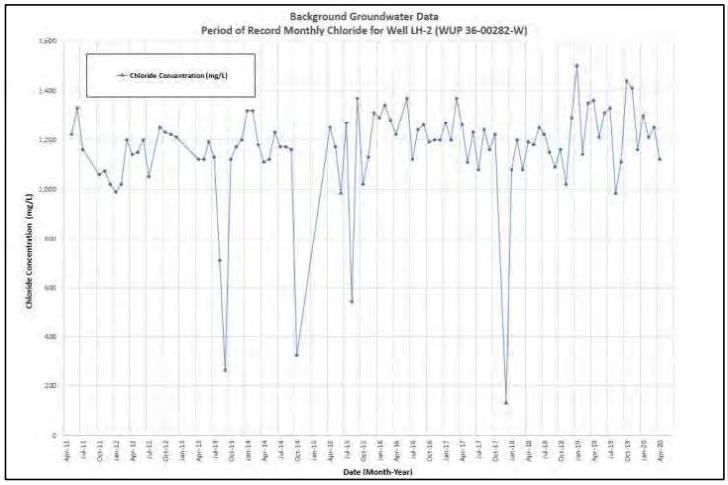

Bonita Springs Utilities
Period of Record Monthly Chloride and Withdrawal Data for Well No. 35
Monthly Withdrawal (MG)
Chloride Concentration (mg/L)
Chloride Concentration (mg/L)
Monthly Withdrawal (MG)
Date (Month-Year)

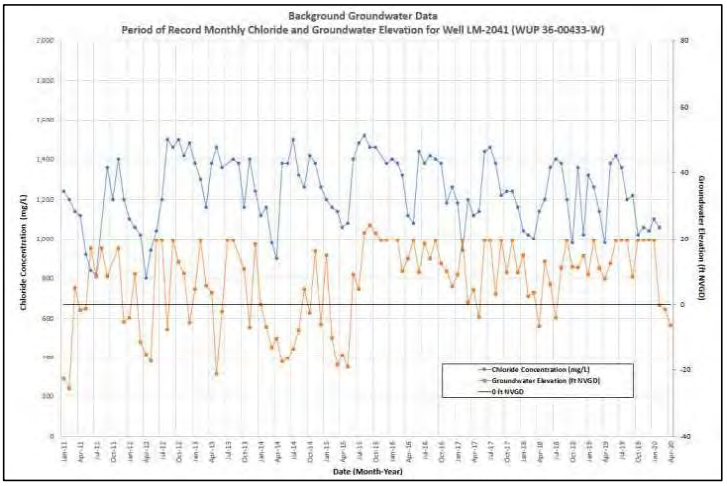

Bonita Springs Utilities
Period of Record Monthly Chloride and Withdrawal Data for Well No. 36
Monthly Withdrawal (MG)
Chloride Concentration (mg/L)
Chloride Concentration (mg/L)
Monthly Withdrawal (MG)
Date (Month-Year)

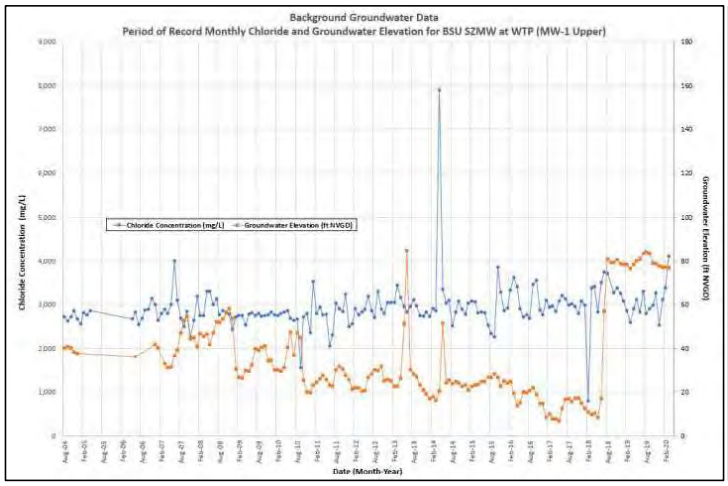

Bonita Springs Utilities
Period of Record Monthly Chloride and Withdrawal Data for Well No. 37
Monthly Withdrawal (MG)
Chloride Concentration (mg/L)
Chloride Concentration (mg/L)
Monthly Withdrawal (MG)
Date (Month-Year)

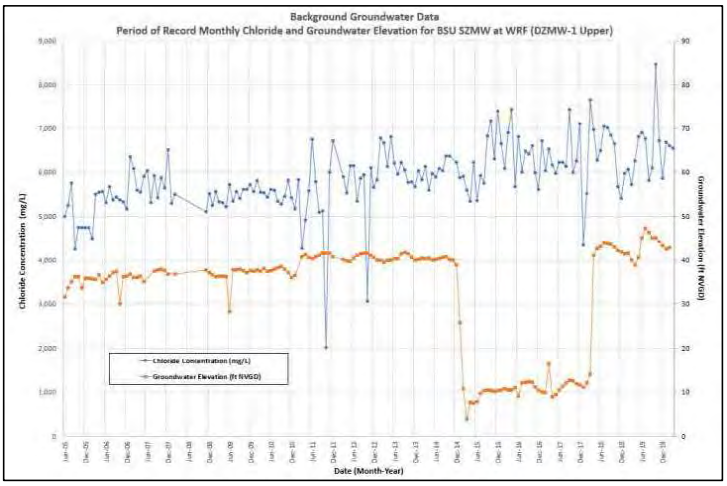

Bonita Springs Utilities
Period of Record Monthly Chloride and Withdrawal Data for Well No. 38
Monthly Withdrawal (MG)
Chloride Concentration (mg/L)
Chloride Concentration (mg/L)
Monthly Withdrawal (MG)
Date (Month-Year)

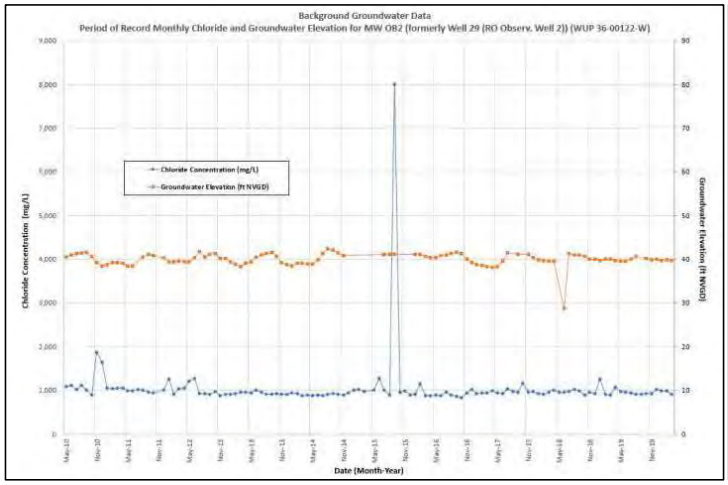

Bonita Springs Utilities
Period of Record Monthly Chloride and Withdrawal Data for Well No. 40
Monthly Withdrawal (MG)
Chloride Concentration (mg/L)
Chloride Concentration (mg/L)
Monthly Withdrawal (MG)
Date (Month-Year)

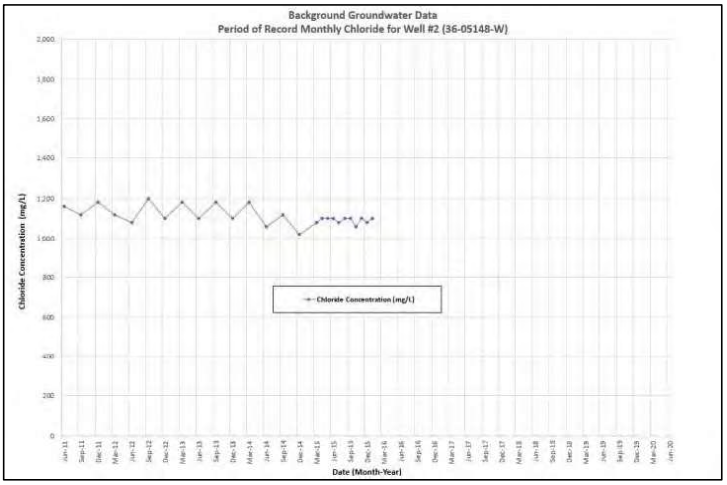

Background Groundwater Data
Period of Record Monthly Chloride for Well LH-2 (WUP 36-00282-W)
Chloride Concentration (mg/L)
Chloride Concentration (mg/L)
Date (Month-Year)

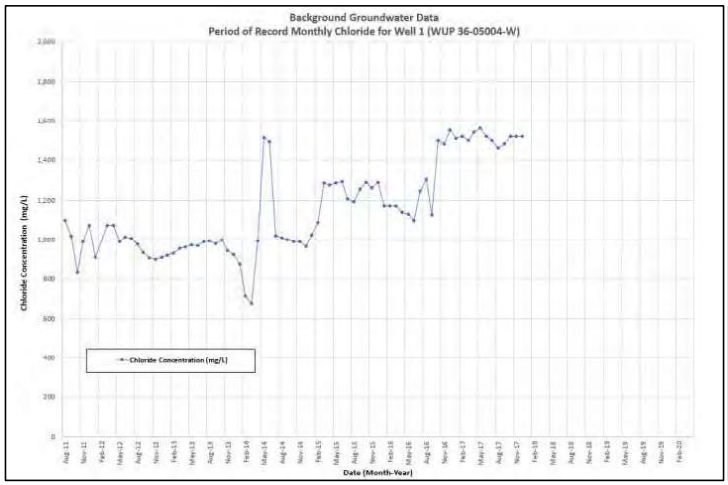

Background Groundwater Data
Period of Record Monthly Chloride and Groundwater Elevation for Well LM-2041 (WUP 36-00433-W)
Chloride Concentration (mg/L)
Groundwater Elevation (ft NVGD)
0 ft NVGD
Chloride Concentration (mg/L)
Groundwater Elevation (ft NVGD)
Date (Month-Year)

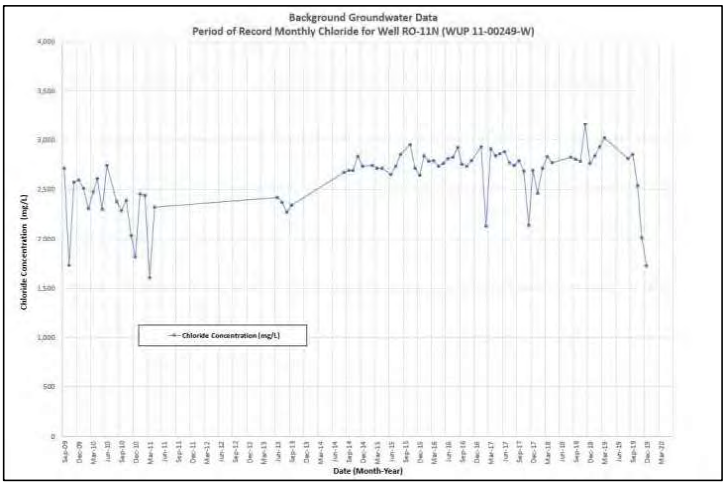

Background Groundwater Data
Period of Record Monthly Chloride and Groundwater Elevation for BSU SZMW at WTP (MW-1 Upper)
Chloride Concentration (mg/L)
Groundwater Elevation (ft NVGD)
Chloride Concentration (mg/L)
Groundwater Elevation (ft NVGD)
Date (Month-Year)


Background Groundwater Data
Period of Record Monthly Chloride and Groundwater Elevation for BSU SZMW at WRF (DZMW-1 Upper)
Chloride Concentration (mg/L)
Groundwater Elevation (ft NVGD)
Chloride Concentration (mg/L)
Groundwater Elevation (ft NVGD)
Date (Month-Year)


Background Groundwater Data
Period of Record Monthly Chloride and Groundwater Elevation for MW OB2 (formerly Well 29 (RO Observ. Well 2)) (WUP 36-00122-W)
Chloride Concentration (mg/L)
Groundwater Elevation (ft NVGD)
Chloride Concentration (mg/L)
Groundwater Elevation (ft NVGD)
Date (Month-Year)


Background Groundwater Data
Period of Record Monthly Chloride for Well #2 (36-05148-W)
Chloride Concentration (mg/L)
Chloride Concentration (mg/L)
Date (Month-Year)


Background Groundwater Data
Period of Record Monthly Chloride for Well 1 (WUP 36-05004-W)
Chloride Concentration (mg/L)
Chloride Concentration (mg/L)
Date (Month-Year)


Background Groundwater Data
Period of Record Monthly Chloride for Well RO-11N (WUP 11-00249-W)
Chloride Concentration (mg/L)
Chloride Concentration (mg/L)
Date (Month-Year)

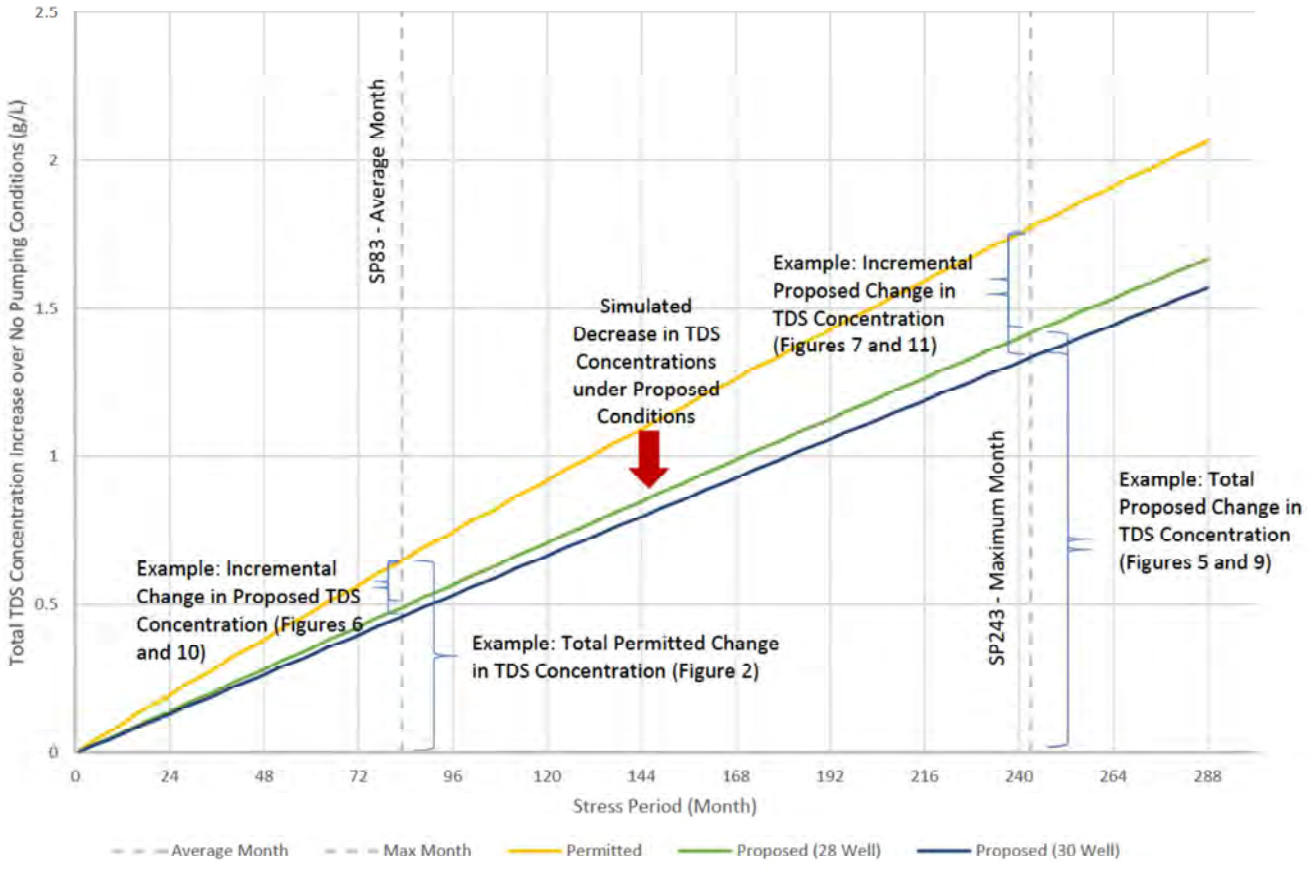
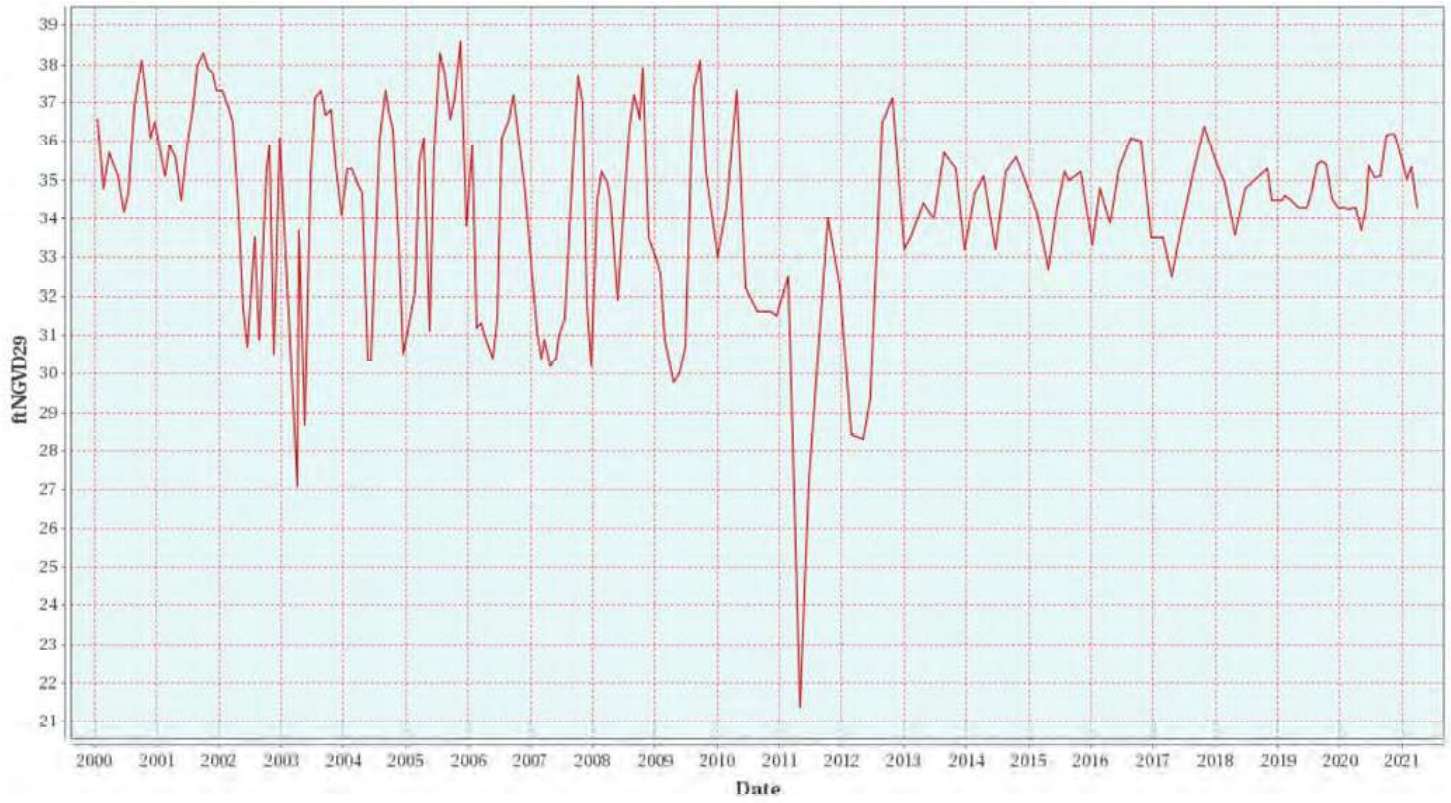


Figure 12
Simulated Total Increase in TDS Concentrations at Example Location Adjacent to BSU Wellfield (R224, C160, L1)

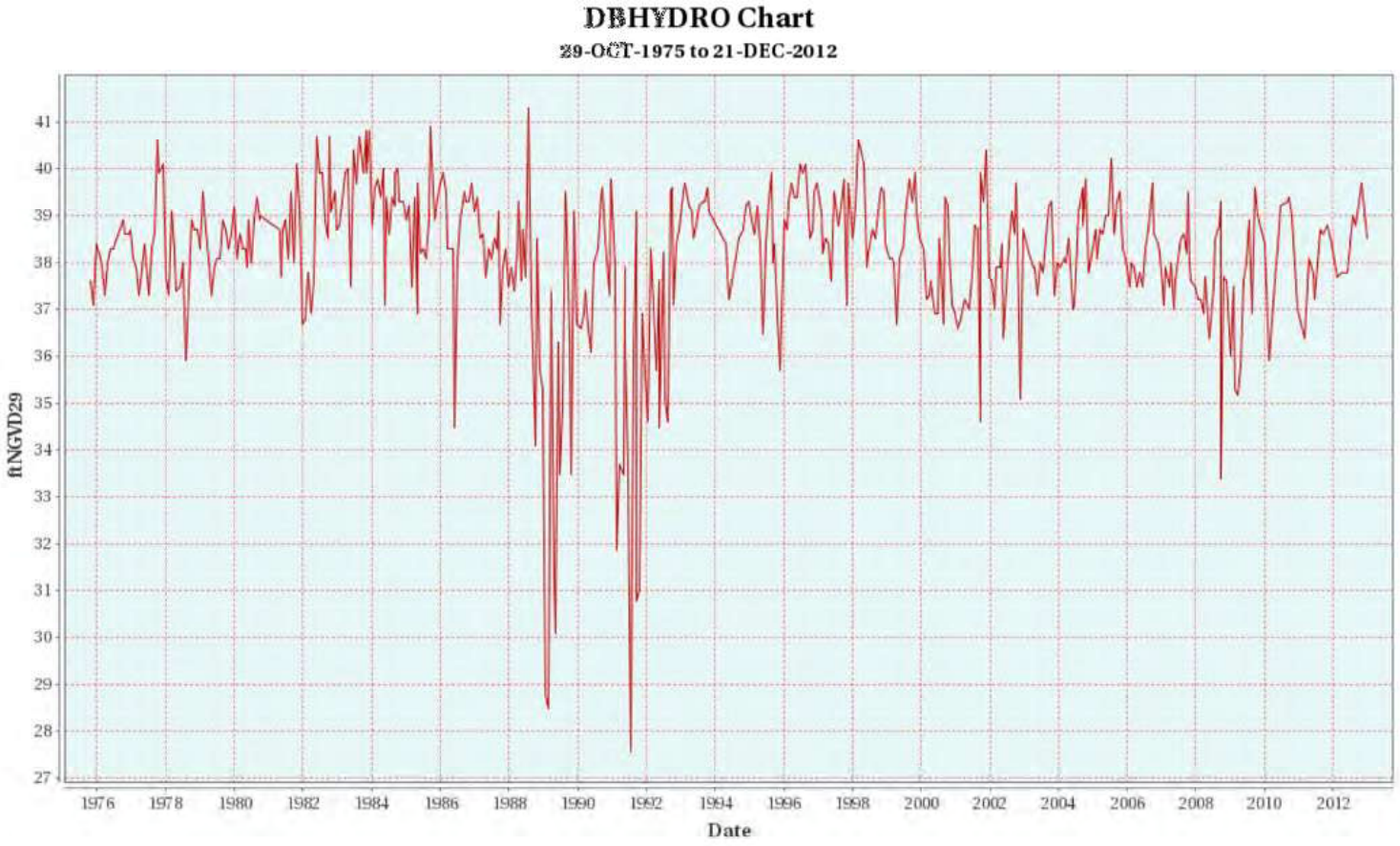
DBHYDRO Chart

01-JAN-2000 to 24-MAR-2021



Provisional data, if present, are indicated by square symbol.

	DBKey	Station	Agency	Data Type	Unit	Statistic	Frequency	Strata	Gate/Pump#
———	02361	L-2295	USGS	WELL	ft NGVD29	RAND	RI	610	N/A



Provisional data, if present, are indicated by square symbol.

	DBKey	Station	Agency	Data Type	Unit	Statistic	Frequency	Strata	Gate/Pump#
———	02348	L-1634	USGS	WELL	ft NGVD29	RAND	RI	950	N/A

Table 12-3: Water Use Permit Allocation Reductions Due to Provision of Reclaimed Water

Date	Applicant	WUP Number	Irrigated Area, AC	Previous Allocation, MGY	Adjusted Allocation, MGY	Net Reduction, MGY	Net Reduction, MGD
12/10/2015	Pelican's Nest Golf Course	36-00433-W	151.5	316	228.27	87.73	0.24
9/20/2017	Spring Creek (Bay Creek) at Pelican Landing	36-02469-W	132.5	169	100.56	68.44	0.19
2/16/2000	RCS	36-00282-W	906	1230	907	323	0.88
4/13/2011	RCS	36-00282-W	2404.1	1990	1838	152	0.42
Total Reduction in Allocation Due to Reclaimed Water Use						631.17	1.73

9.2.1 LTA Wellfield Management Program

1. On average, 75% of the total LTA withdrawal should come from the East wellfield.

2. Begin the first week of each month by only operating the even numbered production wells.

Even numbered production wells are: 6, 8, 10, 12, 14, 16, 18, 20, 22 and 24.

3. Begin the second week by only operating the odd numbered production wells. Odd numbered production wells are: 5, 9, 11, 13, 15, 17, 19, 21, and 23.

4. For the weeks remaining of each month, alternate between even and odd numbered production wells on a weekly basis.

5. At no time should this wellfield management program preclude BSU from using any production well if production for a particular production well is necessary to meet demand.

9.2.2 UFA Wellfield Management Program

1. The intent of the plan is to effectively manage the UFA wellfield and the LTA West wellfield.
2. This is accomplished by running all the UFA wells in "auto", this enables the Plant PLC to select the UFA production wells according to the production well queue selection matrix.
3. This matrix selects the UFA production wells in order according to their place in the queue and attempts to maintain raw water line pressure between 35 psi to 55 psi.
4. Their place in the queue is determined by monthly field tests on specific conductivity. UFA production wells with higher conductivity are placed lower in the queue.
5. Normally when 3 or 4 trains are running, the queue selects all the UFA production wells to run, thereby spreading the withdrawal demand evenly across the entire wellfield and reducing individual UFA production well pumpage.
6. The UFA production wells are commingled among the Lime plant's west wellfield; this theoretically reduces the lower brackish aquifer's artesian pressures from upconing into the higher freshwater aquifers.

9.3 UPDATED WELLFIELD OPERATING PLAN WITH PROPOSED NEW WELLS

Withdrawals from each well are based on the yield of the production well, installed pump and demand. **Table 9-1** below summarizes the monthly average withdrawal in million gallons per day (MGD) by wellfield, aquifer, and season for the last three years.

Table 9-1: Summary of Monthly Average (Last 3 Years) Withdrawal by Wellfield, Aquifer and Season

Wellfield	Aquifer	Dry Season Monthly Average Well Withdrawal	Wet Season Monthly Average Well
West Wellfield	Lower Tamiami aquifer	1.21 MGD	0.87 MGD
East Wellfield	Lower Tamiami aquifer	3.99 MGD	2.93 MGD
RO Wellfield	Upper Floridan aquifer	7.62 MGD	6.45 MGD
TOTAL		12.8 MGD	10.3 MGD

For the development of this operating plan, dry season was defined in this wellfield operating plan as the time of the year between December and May. Wet season was defined then as the time of the year between June and November. The season cut off dates may be further defined upon implementation of the operating plan by observing water level in the LTA production wells and rain gauge data in the area. The following wellfield operation plan incorporating the proposed production wells was designed to provide for various contingencies inherent in the operation of BSU multifaceted wellfield system. The plan lowers the use of the LTA wellfields and increases the use of the UFA wellfield during the dry season while it increases the use of the LTA wellfields and lowers the use of the UFA wellfield during the wet season.

9.3.2 Wellfield Operations Monitoring

The following monitoring program will be implemented to adjust the wellfield management plan, rotation schedule, to ensure that the wells are performing properly and to identify when production well maintenance is required. The parameters to track and their frequency are summarized in **Table 9-2**.

Table 9-2: Wellfield Monitoring Parameters

Parameter	Frequency
Specific Conductivity	Monthly
Chloride Concentration	Monthly
Dynamic Drawdown	Monthly
Static Drawdown	Monthly
Step Drawdown	Annually or as indicated
Equipment Checks and Calibrations	Annually or as indicated

Hypothetical production well rotation scenarios are presented in **Table 9-3** and **Table 9-4**. As shown in these scenarios, with the addition of the proposed LTA and UFA wells, flow rates from the LTA wellfields will be lowered and flow rates in the UFA wellfield will be increased during the dry season. Alternately, during the wet season, flow rates in the LTA wellfields will be increased and flow rates in the UFA wellfields will be decreased. The alternating plan in **Table 9-3** and **Table 9-4** for the UFA wells is shown as an example. However, the actual UFA well rotation schedule will be dynamic on a monthly basis, determined by the water quality and drawdown queue selection matrix program.

Table 9-3: Dry Season Hypothetical Well Rotation

LTA[1]			
Well Number	**Monthly Average Well Withdrawal (MGD)**	**Week 1**	**Week 2**
	West wellfield		
Well No. 5	0.22		X
Well No. 6	0.15	X	
Well No. 8	0.09	X	
Well No. 9	0.08		X
Well No. 10	0.10	X	
Well No. 11	0.18		X
Well No. 12	0.14	X	
Well No. 13	0.18		X
Well No. 14	0.22	X	
Well No. 15	0.23		X
Well No. 16	0.22	X	
Total West wellfield	1.79		
	East Wellfield		
Well No. 17	0.86		X
Well No. 18	0.86	X	
Well No. 19	0.86		X
Well No. 20	0.86	X	
Well No. 21	0.91		X
Well No. 22	0.91	X	
Well No. 23	0.91		X
Well No. 24	0.91	X	
Total East wellfield	7.08		
Total Existing wells	8.87		
	Proposed LTA wells		
Well No. 1A	0.39		X
Well No. 2A	0.39	X	
Well No. 3A	0.85		X
Well No. 4A	0.85	X	
Total Proposed LTA wells	2.48		
UFA[2]			
Well No. 25	0.89	X	
Well No. 26	0.89	X	
Well No. 27	0.89		X
Well No. 28	0.89	X	
Well No. 29	0.89		X
Well No. 30	0.89	X	
Well No. 31	0.89		X
Well No. 32	0.89	X	
Well No. 33	0.89		X
Well No. 34	0.89		X
Well No. 35	0.89	X	
Well No. 36	0.89	X	
Well No. 37	0.89		X
Well No. 38	-		
Well No. 40	0.89	X	
Total Existing UFA	12.46		
	Proposed UFA wells		
Well No.39	0.89		X
Well No. 41	0.89	X	
Well No. 42	0.89		X
Well No. 43	0.89		X
Well No. 44	0.89	X	
Well No. 45	0.89	X	
Well No. 46	0.89	X	
Well No. 47	0.89		X
Well No. 48	0.89		X
Well No. 49	0.89	X	
Well No. 50	0.89		X
Well No. 51	0.89	X	
Well No. 52	0.89		X
Well No. 53	0.89		X
Well No. 54	0.89		X
Well No. 55	0.89	X	
Total Proposed UFA wells	14.24		
Monthly Average Well Withdrawal Dry Season[3]	19.05		
Monthly Average Well Withdrawal with Hypothetical Well Rotation LTA	5.7		
Monthly Average Well Withdrawal with Hypothetical Well Rotation UFA	13.35		
Monthly Average Well Withdrawal with Hypothetical Well Rotation	19.05		

NOTES:
LTA. Monthly Average Well Withdrawal (MGD)
[2]UFA. Monthly Average Production Well Withdrawal (MGD) is distributed across the wellfield to represent rotational flexibility.
[3]Projected Monthly Average Well Withdrawal Dry Season: average for the months of Jan, Feb, Mar, Apr, May, and Dec between 2017-2020

Table 9-4: Wet Season Hypothetical Well Rotation

LTA[1]			
Well Number	**Monthly Average Well Withdrawal (MGD)**	**Month 1**	**Month 2**
West wellfield			
Well No. 5	0.43		X
Well No. 6	0.28	X	
Well No. 8	0.17	X	
Well No. 9	0.13		X
Well No. 10	0.19	X	
Well No. 11	0.35		X
Well No. 12	0.26	X	
Well No. 13	0.34		X
Well No. 14	0.42	X	
Well No. 15	0.45		X
Well No. 16	0.43	X	
Total West wellfield	3.45		
East Wellfield			
Well No. 17	1.30		X
Well No. 18	1.30	X	
Well No. 19	1.30		X
Well No. 20	1.30	X	
Well No. 21	1.30		X
Well No. 22	1.30	X	
Well No. 23	1.30		X
Well No. 24	1.30	X	
Total East wellfield	10.37		
Total Existing wells	13.82		
Proposed LTA wells			
Well No. 1A	0.76		X
Well No. 2A	0.76	X	
Well No. 3A	1.30		X
Well No. 4A	1.30	X	
Total Proposed LTA wells	4.12		
UFA[2]			
Well No. 25	0.43	X	
Well No. 26	0.43	X	
Well No. 27	0.43		X
Well No. 28	0.43	X	
Well No. 29	0.43		X
Well No. 30	0.43	X	
Well No. 31	0.43		X
Well No. 32	0.43	X	
Well No. 33	0.43		X
Well No. 34	0.43		X
Well No. 35	0.43	X	
Well No. 36	0.43	X	
Well No. 37	0.43		X
Well No. 38	-		
Well No. 40	0.43	X	
Total Existing UFA	6.02		
Proposed UFA wells			
Well No.39	0.43		X
Well No. 41	0.43	X	
Well No. 42	0.43		X
Well No. 43	0.43		X
Well No. 44	0.43	X	
Well No. 45	0.43	X	
Well No. 46	0.43	X	
Well No. 47	0.43		X
Well No. 48	0.43		X
Well No. 49	0.43	X	
Well No. 50	0.43		X
Well No. 51	0.43	X	
Well No. 52	0.43		X
Well No. 53	0.43		X
Well No. 54	0.43		X
Well No. 55	0.43	X	
Total Proposed UFA wells	6.88		
Monthly Average Well Withdrawal Wet Season[3]	15.40		
Monthly Average Well Withdrawal with Hypothetical Well Rotation LTA	9		
Monthly Average Well Withdrawal with Hypothetical Well Rotation UFA	6.45		
Monthly Average Well Withdrawal with Hypothetical Well Rotation	15.45		

NOTES:
[1]LTA. Monthly Average Well Withdrawal (MGD)
[2]UFA. Monthly Average Production Well Withdrawal (MGD) is distributed across the wellfield to represent rotational flexibility.
[3]Projected Monthly Average Well Withdrawal Wet Season: average for the months of June - November between 2017-2020

7.0 Proposed Wells Construction Sequencing Plan

As discussed above, and as presented in this water use permit (WUP) application package, Bonita Springs Utilities, Inc.'s (BSU's) proposed wellfield expansion plan is to permit 15 new Upper Floridan aquifer production wells and 4 new Lower Tamiami aquifer production wells to the system. As shown in the enclosed proposed wellfield expansion exhibits, these new wellfield expansions (17 between the Tamiami West Wellfield and the East Wellfield and 2 in the northern section of the West Wellfield) will incrementally expand BSU's existing wellfield system over the next twenty years to provide BSU with a reliable and sustainable raw water supply well into the future. BSU initially plans to start implementing the first few Upper Floridan aquifer production wells within the proposed locations in the end of year 2021. These first new wells to be drilled are Well No. 39, Well No. 42, Well No. 43, Well No. 44, and Well No.48, as shown in the enclosed proposed wellfield expansion exhibits. The proposed well construction sequencing plan will be updated annually and will be submitted along with an updated Table A to the South Florida Water Management (SFWMD) to reflect this plan. Additionally, if proposed well sites are moved from their proposed location due to changes during land acquisition a water use permit modification will be submitted with updated model results (if necessary), well site ownership information, and an updated Table A.

Requirement by Permit Condition Report

App No: 200930-1
Permit No: 36-00008-W
Project Name: BONITA SPRINGS UTILITIES

Permit Condition No: 11 **Permit Condition Code:** WUSTD021-2

Facility Name	Requirement Name	Col Freq	Sub Freq	Due Date
WELL - 1A	Pump Calibration Report for Well 1A	Every Five Years	Every Five Years	30-SEP-2022
WELL - 2A	Pump Calibration Report for Well 2A	Every Five Years	Every Five Years	30-SEP-2022
WELL - 3	Pump Calibration Report for Well 3	Every Five Years	Every Five Years	30-JUN-2022
WELL - 3A	Pump Calibration Report for Well 3A	Every Five Years	Every Five Years	30-SEP-2022
WELL - 4A	Pump Calibration Report for Well 4A	Every Five Years	Every Five Years	30-SEP-2022
WELL - 4	Pump Calibration Report for Well 4	Every Five Years	Every Five Years	30-JUN-2022
WELL - 5	Pump Calibration Report for Well 5	Every Five Years	Every Five Years	31-MAY-2025
WELL - 6	Pump Calibration Report for Well 6	Every Five Years	Every Five Years	31-MAY-2022
WELL - 8	Pump Calibration Report for Well 8	Every Five Years	Every Five Years	31-JAN-2023
WELL - 9	Pump Calibration Report for Well 9	Every Five Years	Every Five Years	31-JAN-2023
WELL - 10	Pump Calibration Report for Well 10	Every Five Years	Every Five Years	31-JAN-2023
WELL - 11	Pump Calibration Report for Well 11	Every Five Years	Every Five Years	31-JAN-2023
WELL - 12	Pump Calibration Report for Well 12	Every Five Years	Every Five Years	31-JAN-2023
WELL - 13	Pump Calibration Report for Well 13	Every Five Years	Every Five Years	31-JAN-2023
WELL - 14	Pump Calibration Report for Well 14	Every Five Years	Every Five Years	31-JAN-2023
WELL - 15	Pump Calibration Report for Well 15	Every Five Years	Every Five Years	31-JAN-2023
WELL - 16	Pump Calibration Report for Well 16	Every Five Years	Every Five Years	31-JAN-2023
WELL - 17	Pump Calibration Report for Well 17	Every Five Years	Every Five Years	28-FEB-2023
WELL - 18	Pump Calibration Report for Well 18	Every Five Years	Every Five Years	28-FEB-2023
WELL - 19	Pump Calibration Report for Well 19	Every Five Years	Every Five Years	28-FEB-2023
WELL - 20	Pump Calibration Report for Well 20	Every Five Years	Every Five Years	28-FEB-2023
WELL - 21	Pump Calibration Report for Well 21	Every Five Years	Every Five Years	31-MAR-2023

Exhibit No: 11

Requirement by Permit Condition Report

Facility Name	Requirement Name	Col Freq	Sub Freq	Due Date
WELL - 22	Pump Calibration Report for Well 22	Every Five Years	Every Five Years	31-MAR-2023
WELL - 23	Pump Calibration Report for Well 23	Every Five Years	Every Five Years	31-MAR-2023
WELL - 24	Pump Calibration Report for Well 24	Every Five Years	Every Five Years	28-FEB-2023
Well 25	Pump Calibration Report for Well 25	Every Five Years	Every Five Years	31-MAR-2026
Well 26	Pump Calibration Report for Well 26	Every Five Years	Every Five Years	31-MAR-2026
Well 27	Pump Calibration Report for Well 27	Every Five Years	Every Five Years	31-MAR-2026
Well 28	Pump Calibration Report for Well 28	Every Five Years	Every Five Years	31-MAR-2026
Well 29	Pump Calibration Report for Well 29	Every Five Years	Every Five Years	31-MAR-2026
Well 30	Pump Calibration Report for Well 30	Every Five Years	Every Five Years	31-MAR-2026
Well 31	Pump Calibration Report for Well 31	Every Five Years	Every Five Years	31-MAR-2026
Well 32	Pump Calibration Report for Well 32	Every Five Years	Every Five Years	28-FEB-2025
Well 33	Pump Calibration Report for Well 33	Every Five Years	Every Five Years	31-MAR-2026
Well 34	Pump Calibration Report for Well 34	Every Five Years	Every Five Years	31-MAR-2026
Well 35	Pump Calibration Report for Well 35	Every Five Years	Every Five Years	31-MAR-2026
Well 36	Pump Calibration Report for Well 36	Every Five Years	Every Five Years	31-MAR-2026
Well 37	Pump Calibration Report for Well 37	Every Five Years	Every Five Years	31-MAR-2026
Well 38	Pump Calibration Report for Well 38	Every Five Years	Every Five Years	31-OCT-2023
Well 39	Pump Calibration Report for Well 39	Every Five Years	Every Five Years	30-SEP-2022
Well 40	Pump Calibration Report for Well 40	Every Five Years	Every Five Years	31-MAR-2026
Well 41	Pump Calibration Report for Well 41	Every Five Years	Every Five Years	30-SEP-2022
Well 42	Pump Calibration Report for Well 42	Every Five Years	Every Five Years	30-SEP-2022
Well 43	Pump Calibration Report for Well 43	Every Five Years	Every Five Years	30-SEP-2022
Well 44	Pump Calibration Report for Well 44	Every Five Years	Every Five Years	30-SEP-2022
Well 45	Pump Calibration Report for Well 45	Every Five Years	Every Five Years	30-SEP-2022
Well 46	Pump Calibration Report for Well 46	Every Five Years	Every Five Years	30-SEP-2022

Exhibit No: 11

Requirement by Permit Condition Report

Facility Name	Requirement Name	Col Freq	Sub Freq	Due Date
Well 47	Pump Calibration Report for Well 47	Every Five Years	Every Five Years	30-SEP-2022
Well 48	Pump Calibration Report for Well 48	Every Five Years	Every Five Years	30-SEP-2022
Well 49	Pump Calibration Report for Well 49	Every Five Years	Every Five Years	30-SEP-2022
Well 50	Pump Calibration Report for Well 50	Every Five Years	Every Five Years	30-SEP-2022
Well 51	Pump Calibration Report for Well 51	Every Five Years	Every Five Years	30-SEP-2022
Well 52	Pump Calibration Report for Well 52	Every Five Years	Every Five Years	30-SEP-2022
Well 53	Pump Calibration Report for Well 53	Every Five Years	Every Five Years	30-SEP-2022
Well 54	Pump Calibration Report for Well 54	Every Five Years	Every Five Years	30-SEP-2022
Well 55	Pump Calibration Report for Well 55	Every Five Years	Every Five Years	30-SEP-2022
West Wellfield	Calibration report for FACILITY GROUP West Wellfield	Every Five Years	Every Five Years	31-MAR-2027
East Wellfield	Calibration report for FACILITY GROUP East Wellfield	Every Five Years	Every Five Years	31-MAR-2027

Permit Condition No: 12 **Permit Condition Code:** WUSTD022-1

Facility Name	Requirement Name	Col Freq	Sub Freq	Due Date
WELL - 5	Monthly Withdrawal for Well 5	Monthly	Quarterly	30-APR-2022
WELL - 6	Monthly Withdrawal for Well 6	Monthly	Quarterly	30-APR-2022
WELL - 8	Monthly Withdrawal for Well 8	Monthly	Quarterly	30-APR-2022
WELL - 9	Monthly Withdrawal for Well 9	Monthly	Quarterly	30-APR-2022
WELL - 10	Monthly Withdrawal for Well 10	Monthly	Quarterly	30-APR-2022
WELL - 11	Monthly Withdrawal for Well 11	Monthly	Quarterly	30-APR-2022
WELL - 12	Monthly Withdrawal for Well 12	Monthly	Quarterly	30-APR-2022
WELL - 13	Monthly Withdrawal for Well 13	Monthly	Quarterly	30-APR-2022
WELL - 14	Monthly Withdrawal for Well 14	Monthly	Quarterly	30-APR-2022
WELL - 15	Monthly Withdrawal for Well 15	Monthly	Quarterly	30-APR-2022
WELL - 16	Monthly Withdrawal for Well 16	Monthly	Quarterly	30-APR-2022
WELL - 17	Monthly Withdrawal for Well 17	Monthly	Quarterly	30-APR-2022
WELL - 18	Monthly Withdrawal for Well 18	Monthly	Quarterly	30-APR-2022
WELL - 19	Monthly Withdrawal for Well 19	Monthly	Quarterly	30-APR-2022
WELL - 20	Monthly Withdrawal for Well 20	Monthly	Quarterly	30-APR-2022
WELL - 21	Monthly Withdrawal for Well 21	Monthly	Quarterly	30-APR-2022
WELL - 22	Monthly Withdrawal for Well 22	Monthly	Quarterly	30-APR-2022
WELL - 23	Monthly Withdrawal for Well 23	Monthly	Quarterly	30-APR-2022
WELL - 24	Monthly Withdrawal for Well 24	Monthly	Quarterly	30-APR-2022
Well 25	Monthly Withdrawal for Well 25	Monthly	Quarterly	30-APR-2022
Well 26	Monthly Withdrawal for Well 26	Monthly	Quarterly	30-APR-2022
Well 27	Monthly Withdrawal for Well 27	Monthly	Quarterly	30-APR-2022
Well 28	Monthly Withdrawal for Well 28	Monthly	Quarterly	30-APR-2022
Well 29	Monthly Withdrawal for Well 29	Monthly	Quarterly	30-APR-2022

Exhibit No: 11

Requirement by Permit Condition Report

Facility Name	Requirement Name	Col Freq	Sub Freq	Due Date
Well 30	Monthly Withdrawal for Well 30	Monthly	Quarterly	30-APR-2022
Well 31	Monthly Withdrawal for Well 31	Monthly	Quarterly	30-APR-2022
Well 32	Monthly Withdrawal for Well 32	Monthly	Quarterly	30-APR-2022
Well 33	Monthly Withdrawal for Well 33	Monthly	Quarterly	30-APR-2022
Well 34	Monthly Withdrawal for Well 34	Monthly	Quarterly	30-APR-2022
Well 35	Monthly Withdrawal for Well 35	Monthly	Quarterly	30-APR-2022
Well 36	Monthly Withdrawal for Well 36	Monthly	Quarterly	30-APR-2022
Well 37	Monthly Withdrawal for Well 37	Monthly	Quarterly	30-APR-2022
Well 38	Monthly Withdrawal for Well 38	Monthly	Quarterly	30-APR-2022
Well 39	Monthly Withdrawal for Well 39	Monthly	Quarterly	30-APR-2022
Well 40	Monthly Withdrawal for Well 40	Monthly	Quarterly	30-APR-2022
Well 41	Monthly Withdrawal for Well 41	Monthly	Quarterly	30-APR-2022
Well 42	Monthly Withdrawal for Well 42	Monthly	Quarterly	30-APR-2022
Well 43	Monthly Withdrawal for Well 43	Monthly	Quarterly	30-APR-2022
Well 44	Monthly Withdrawal forl Well 44	Monthly	Quarterly	30-APR-2022
Well 45	Monthly Withdrawal for Well 45	Monthly	Quarterly	30-APR-2022
Well 46	Monthly Withdrawal for Well 46	Monthly	Quarterly	30-APR-2022
Well 47	Monthly Withdrawal for Well 47	Monthly	Quarterly	30-APR-2022
Well 48	Monthly Withdrawal for Well 48	Monthly	Quarterly	30-APR-2022
Well 49	Monthly Withdrawal for Well 49	Monthly	Quarterly	30-APR-2022
Well 50	Monthly Withdrawal for Well 50	Monthly	Quarterly	30-APR-2022
Well 51	Monthly Withdrawal for Well 51	Monthly	Quarterly	30-APR-2022
Well 52	Monthly Withdrawal for Well 52	Monthly	Quarterly	30-APR-2022
Well 53	Monthly Withdrawal for Well 53	Monthly	Quarterly	30-APR-2022
Well 54	Monthly Withdrawal for Well 54	Monthly	Quarterly	30-APR-2022
Well 55	Monthly Withdrawal for Well 55	Monthly	Quarterly	30-APR-2022
WELL - 1A	Monthly Withdrawal for Well 1A	Monthly	Quarterly	30-APR-2022
WELL - 2A	Monthly Withdrawal for Well 2A	Monthly	Quarterly	30-APR-2022
WELL - 3A	Monthly Withdrawal for Well 3A	Monthly	Quarterly	30-APR-2022
WELL - 4A	Monthly Withdrawal for Well 4A	Monthly	Quarterly	30-APR-2022
West Wellfield	Monthly withdrawal for FACILITY GROUP West Wellfield	Monthly	Quarterly	30-APR-2022
East Wellfield	Monthly withdrawal for FACILITY GROUP East Wellfield	Monthly	Quarterly	30-APR-2022

Permit Condition No: 16 **Permit Condition Code:** WUWC004-1

Facility Name	Requirement Name	Col Freq	Sub Freq	Due Date
WELL - 1A	Summary of Groundwater Facilities-Well Completion for Well 1A	One time Only	One time Only	01-SEP-2022
WELL - 2A	Summary of Groundwater Facilities-Well Completion for Well 2A	One time Only	One time Only	01-SEP-2022
WELL - 3A	Summary of Groundwater Facilities-Well Completion for Well 3A	One time Only	One time Only	01-SEP-2022

Exhibit No: 11

Requirement by Permit Condition Report

Facility Name	Requirement Name	Col Freq	Sub Freq	Due Date
WELL - 4A	Summary of Groundwater Facilities-Well Completion for Well 4A	One time Only	One time Only	01-SEP-2022
Well 39	Summary of Groundwater Facilities-Well Completion for Well 39	One time Only	One time Only	01-SEP-2022
Well 41	Summary of Groundwater Facilities-Well Completion for Well 41	One time Only	One time Only	01-SEP-2022
Well 42	Summary of Groundwater Facilities-Well Completion for Well 42	One time Only	One time Only	01-SEP-2022
Well 43	Summary of Groundwater Facilities-Well Completion for Well 43	One time Only	One time Only	01-SEP-2022
Well 44	Summary of Groundwater Facilities-Well Completion for Well 44	One time Only	One time Only	01-SEP-2022
Well 45	Summary of Groundwater Facilities-Well Completion for Well 45	One time Only	One time Only	01-SEP-2022
Well 46	Summary of Groundwater Facilities-Well Completion for Well 46	One time Only	One time Only	01-SEP-2022
Well 47	Summary of Groundwater Facilities-Well Completion for Well 47	One time Only	One time Only	01-SEP-2022
Well 48	Summary of Groundwater Facilities-Well Completion for Well 48	One time Only	One time Only	01-SEP-2022
Well 49	Summary of Groundwater Facilities-Well Completion for Well 49	One time Only	One time Only	01-SEP-2022
Well 50	Summary of Groundwater Facilities-Well Completion for Well 50	One time Only	One time Only	01-SEP-2022
Well 51	Summary of Groundwater Facilities-Well Completion for Well 51	One time Only	One time Only	01-SEP-2022
Well 52	Summary of Groundwater Facilities-Well Completion for Well 52	One time Only	One time Only	01-SEP-2022
Well 53	Summary of Groundwater Facilities-Well Completion for Well 53	One time Only	One time Only	01-SEP-2022
Well 54	Summary of Groundwater Facilities-Well Completion for Well 54	One time Only	One time Only	01-SEP-2022
Well 55	Summary of Groundwater Facilities-Well Completion for Well 55	One time Only	One time Only	01-SEP-2022

Exhibit No: 11

Requirement by Permit Condition Report

Permit Condition No:	17	**Permit Condition Code:**	WUPWS009-1		
Facility Name	**Requirement Name**	**Col Freq**	**Sub Freq**	**Due Date**	
PERMIT	Bulk water delivered to PERMIT	Monthly	Quarterly	30-APR-2022	
Permit Condition No:	19	**Permit Condition Code:**	WUPWS003-1		
Facility Name	**Requirement Name**	**Col Freq**	**Sub Freq**	**Due Date**	
PERMIT	Unaccounted for Distribution Losses for PERMIT	Yearly	Yearly	30-APR-2023	
Permit Condition No:	21	**Permit Condition Code:**	WUSLT001-2		
Facility Name	**Requirement Name**	**Col Freq**	**Sub Freq**	**Due Date**	
WELL - MW-1	Chloride Concentration for LTA MW-1	Monthly	Quarterly	30-APR-2022	
WELL - MW-4	Chloride Concentration for LTA MW-2	Monthly	Quarterly	30-APR-2022	
WELL - MW-3	Chloride Concentration for LTA MW-3	Monthly	Quarterly	30-APR-2022	
WELL - MW-2	Chloride Concentration for LTA MW-4	Monthly	Quarterly	30-APR-2022	
WELL - MW-5	Chloride Concentration for LTA MW-5	Monthly	Quarterly	30-APR-2022	
WELL - MW-6	Chloride Concentration for LTA MW-6	Monthly	Quarterly	30-APR-2022	
WELL - MW-7	Chloride Concentration for LTA MW-7	Monthly	Quarterly	30-APR-2022	
WELL - MW-8	Chloride Concentration for LTA MW-8	Monthly	Quarterly	30-APR-2022	
Well 25	Chloride Concentration for UFA well 25	Monthly	Quarterly	30-APR-2022	
Well 26	Chloride Concentration for UFA well 26	Monthly	Quarterly	30-APR-2022	
Well 27	Chloride Concentration for UFA well 27	Monthly	Quarterly	30-APR-2022	
Well 28	Chloride Concentration for UFA well 28	Monthly	Quarterly	30-APR-2022	
Well 29	Chloride Concentration for UFA well 29	Monthly	Quarterly	30-APR-2022	
Well 30	Chloride Concentration for UFA well 30	Monthly	Quarterly	30-APR-2022	
Well 31	Chloride Concentration for UFA well 31	Monthly	Quarterly	30-APR-2022	
Well 32	Chloride Concentration for UFA well 32	Monthly	Quarterly	30-APR-2022	
Well 33	Chloride Concentration for UFA well 33	Monthly	Quarterly	30-APR-2022	
Well 34	Chloride Concentration for UFA well 34	Monthly	Quarterly	30-APR-2022	
Well 35	Chloride Concentration for UFA well 35	Monthly	Quarterly	30-APR-2022	
Well 36	Chloride Concentration for UFA well 36	Monthly	Quarterly	30-APR-2022	
Well 37	Chloride Concentration for UFA well 37	Monthly	Quarterly	30-APR-2022	

Exhibit No: 11

Requirement by Permit Condition Report

Facility Name	Requirement Name	Col Freq	Sub Freq	Due Date
Well 38	Chloride Concentration for UFA well 38	Monthly	Quarterly	30-APR-2022
Well 39	Chloride Concentration for UFA well 39	Monthly	Quarterly	30-APR-2022
Well 40	Chloride Concentration for UFA well 40	Monthly	Quarterly	30-APR-2022
Well 41	Chloride Concentration for UFA well 41	Monthly	Quarterly	30-APR-2022
Well 42	Chloride Concentration for UFA well 42	Monthly	Quarterly	30-APR-2022
Well 43	Chloride Concentration for UFA well 43	Monthly	Quarterly	30-APR-2022
Well 44	Chloride Concentration for UFA well 44	Monthly	Quarterly	30-APR-2022
Well 45	Chloride Concentration for UFA well 45	Monthly	Quarterly	30-APR-2022
Well 46	Chloride Concentration for UFA well 46	Monthly	Quarterly	30-APR-2022
Well 47	Chloride Concentration for UFA well 47	Monthly	Quarterly	30-APR-2022
Well 48	Chloride Concentration for UFA well 48	Monthly	Quarterly	30-APR-2022
Well 49	Chloride Concentration for UFA well 49	Monthly	Quarterly	30-APR-2022
Well 50	Chloride Concentration for UFA well 50	Monthly	Quarterly	30-APR-2022
Well 51	Chloride Concentration for UFA well 51	Monthly	Quarterly	30-APR-2022
Well 52	Chloride Concentration for UFA well 52	Monthly	Quarterly	30-APR-2022
Well 53	Chloride Concentration for UFA well 53	Monthly	Quarterly	30-APR-2022
Well 54	Chloride Concentration for UFA well 54	Monthly	Quarterly	30-APR-2022
Well 55	Chloride Concentration for UFA well 55	Monthly	Quarterly	30-APR-2022

Permit Condition No: 23 **Permit Condition Code:** WUCOMP010-1

Facility Name	Requirement Name	Col Freq	Sub Freq	Due Date
PERMIT	10-Year Compliance Report	Every Ten Years	Every Ten Years	31-MAR-2032

Permit Condition No: 24 **Permit Condition Code:** WUWLM001-4

Facility Name	Requirement Name	Col Freq	Sub Freq	Due Date
WELL - MW-1	Water Level Monitoring for well MW-1	Monthly	Quarterly	30-APR-2022
WELL - MW-2	Water Level Monitoring for well MW-2	Monthly	Quarterly	30-APR-2022
WELL - MW-1	Water Level Monitoring for well MW-3	Monthly	Quarterly	30-APR-2022
WELL - MW-4	Water Level Monitoring for well MW-4	Monthly	Quarterly	30-APR-2022
WELL - MW-5	Water Level Monitoring for well MW-5	Monthly	Quarterly	30-APR-2022

Exhibit No: 11

Requirement by Permit Condition Report

Facility Name	Requirement Name	Col Freq	Sub Freq	Due Date
WELL - MW-6	Water Level Monitoring for well MW-6	Monthly	Quarterly	30-APR-2022
WELL - MW-7	Water Level Monitoring for well MW-7	Monthly	Quarterly	30-APR-2022
WELL - MW-8	Water Level Monitoring for well MW-8	Monthly	Quarterly	30-APR-2022
WELL - W-1	Water Level Monitoring for Well W-1	Monthly	Quarterly	30-APR-2022
WELL - W-2	Water Level Monitoring for Well W-2	Monthly	Quarterly	30-APR-2022
WELL - W-3	Water Level Monitoring for Well W-3	Monthly	Quarterly	30-APR-2022
WELL - E-1	Water Level Monitoring for Well E-1	Monthly	Quarterly	30-APR-2022
WELL - E-2	Water Level Monitoring for Well E-2	Monthly	Quarterly	30-APR-2022
WELL - WB	Water Level Monitoring for Well WB	Monthly	Quarterly	30-APR-2022
WELL - EB	Water Level Monitoring for Well EB	Monthly	Quarterly	30-APR-2022
WELL - RB	Water Level Monitoring for Well RB	Monthly	Quarterly	30-APR-2022

Permit Condition No: 26 **Permit Condition Code:** WURWF007-2

Facility Name	Requirement Name	Col Freq	Sub Freq	Due Date
PERMIT	Reclaimed Water Annual Report	Monthly	Yearly	30-APR-2022

Permit Condition No: 27 **Permit Condition Code:** WUZZUD001

Facility Name	Requirement Name	Col Freq	Sub Freq	Due Date
Upper Floridan Aquifer	Water Quality Report for UFA	Monthly	Every Five Years	31-JAN-2027

Exhibit No: 11

STAFF REPORT DISTRIBUTION LIST

BONITA SPRINGS UTILITIES

Application No: 200930-1

Permit No: 36-00008-W

INTERNAL DISTRIBUTION

X Nexhip Maska

EXTERNAL DISTRIBUTION

X Permittee - Bonita Springs Utilities Inc
X Agent - Black and Veatch Corp

GOVERNMENT AGENCIES

X Div of Recreation and Park - District 4 FDEP
X Engineer, City of Bonita Springs

Exhibit No:12

EXHIBIT F

FDEP/COUNTY HEALTH DEPARTMENT

SANITARY SURVEY, COMPLIANCE INSPECTION REPORT, AND SECONDARY WATER QUALITY STANDARDS REPORT

Bonita Springs Utilities, Inc.

Serving Our Members For 50 YEARS

Together, we are BSU

2021 ANNUAL DRINKING WATER QUALITY REPORT

11900 East Terry St.
Bonita Springs
Florida 34135
239-992-0711
800-583-1496
www.BSU.us

We're on Facebook and Instagram!
Follow us for all the latest news and updates.

En Espanol – Si usted tiene alguna pregunta sobre este informe favor de llamar a Bonita Springs Utilities al **239-992-0711**.

This report will be mailed to customers only upon request and is available on our website:
www.bsu.us

THE COMPANY AND OUR MISSION

Bonita Springs Utilities, Inc. (BSU) is a not-for-profit water and wastewater cooperative. In 1970, the need for better quality water drove local residents to form BSU and begin to provide central water service to homes and businesses in the area. BSU has grown along with the City of Bonita Springs and the Village of Estero and now provides water and wastewater service to a population of over 50,000. We are dedicated to providing a safe, reliable potable water supply and wastewater treatment, emphasizing responsible protection of our resources at the most effective cost to all members. We are proud to continue to earn the community's trust as your locally owned and operated utility.

This report, required by law, provides data about the quality of the water supplied by BSU during 2021. BSU welcomes the opportunity to share this information with you. It's important that you know where our water comes from, what it contains and the risks that our water treatment is designed to prevent. The board of directors and staff of Bonita Springs Utilities, Inc. are pleased to report that our drinking water meets all federal and state requirements.

OUR WATER SOURCE

Our drinking water comes from two wellfields each tapping into two underground aquifers. Nineteen wells, approximately 100 feet deep, draw water from the Lower Tamiami aquifer and supply our lime-softening water treatment plant. Fifteen wells, at a depth of 800 to 1,000 feet, draw water from the more brackish Upper Floridan aquifer to supply our reverse-osmosis water treatment plant.

In 2021, the Florida Department of Environmental Protection (FDEP) performed a Source Water Assessment on our system as part of its Source Water Assessment and Protection Program (SWAPP). The assessment provides information about potential sources of contamination in the vicinity of our wells. Eleven potential sources of contamination, with low susceptibility levels, were identified. It should be noted that the potential sources of contamination identified by this assessment project are just that: potential sources. Many of these facilities are regulated and operate under stringent construction and maintenance requirements designed to protect both human health and the environment.

The assessment results are available on the FDEP SWAPP website at https://fldep.dep.state.fl.us/swapp/ or they can be obtained by calling BSU Operations Director Andy Koebel at 239-992-0711.

WATER TREATMENT PROCESSES

Our drinking water is a blend of two treatment processes. The lime-softening process includes hydrogen sulfide removal, hardness reduction, filtration and chlorination. The reverse-osmosis process includes membrane treatment, degasification and chlorination. Each process includes a corrosion inhibitor to help prevent corrosion in the plumbing of our customers' homes and businesses.

The treated water from the two processes is blended together to produce the final finished water product. BSU follows established practices in the water treatment industry designed to deliver reliable water quality through an efficient water system. We test and monitor your water to maintain compliance with state and federal regulatory requirements, and are committed to ensuring the quality of your water.

IF YOU'D LIKE TO KNOW MORE ...

Bonita Springs Utilities, Inc. is a member-owned utility. We want you, our members and customers, to be informed about your water quality. Our Board of Directors meets at 5:00 p.m. on the first and third Tuesdays of each month and public input is welcome. If you have questions about this report or your water utility, you may also contact the Director of Operations, Andy Koebel, at 239-992-0711.

BSU routinely monitors for contaminants in your drinking water according to Federal and State laws, rules, and regulations. Except where indicated otherwise, this report is based on the results of our monitoring for the period of January 1 through December 31, 2021. Data obtained before January 1, 2021, and presented in this report are from the most recent testing done in accordance with the laws, rules, and regulations.

TERMS AND ABBREVIATIONS

In the table below, you may find unfamiliar terms and abbreviations. To help you better understand these terms, we've provided the following definitions:

Maximum Contaminant Level or MCL:
The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the Maximum Contaminant Level Goals (MCLG's) as feasible using the best available treatment technology.

Maximum Contaminant Level Goal or MCLG:
The level of contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

AN EXPLANATION:
MCLs are set at very stringent levels. To understand the possible health effects described for many regulated contaminants, a person would have to drink two liters of water a day at the MCL for a lifetime to have a one-in-a-million chance of having the described health effect.

Action Level (AL):
The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Maximum Residual Disinfectant Level or MRDL:
The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal or MRDLG:
The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per billion (ppb) or Micrograms per liter (ug/l):
One part by weight of analyte to 1 billion parts by weight of the water sample (One part per billion is the equivalent of one cent in $10,000,000).

Parts per million (ppm) or Milligrams per liter (mg/l):
One part by weight of analyte to 1 million parts by weight of water sample (One part per million is the equivalent of one cent in $10,000).

Picocurie per liter (pCi/L):
Measure of the radioactivity in water.

Treatment Technique (TT):
A required process intended to reduce the level of a contaminant in drinking water.

NON-SECONDARY CONTAMINANTS TABLE

Inorganic Contaminants

Contaminant and Unit of Measurement	Dates of Sampling (mo/yr)	MCL Violation Y/N	Level Detected	Range of Results	MCLG	MCL	Likely Source of Contamination
Barium (ppm)	02/20	N	0.0018 ppm	0.0018 ppm	2 ppm	2 ppm	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Fluoride (ppm)	02/20	N	0.18 ppm	0.18 ppm	4 ppm	4 ppm	Erosion of natural deposits; discharge from fertilizer and aluminum factories. Water additive that promotes strong teeth when at the optimum level of 0.7 ppm
Nitrate (as Nitrogen) (ppm)	02/21	N	0.093 ppm	0.093 ppm	10 ppm	10 ppm	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits
Nitrite (as Nitrogen) (ppm)	02/21	N	0.18	0.18	1 ppm	1 ppm	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits

STAGE 1 Disinfectants and Disinfection By-Products

Disinfectant or Contaminant and Unit of Measurement	Dates of Sampling (mo/yr)	MCL or MRDL Violation Y/N	Level Detected	Range of Results	MCLG or MRDLG	MCL or MRDL	Likely Source of Contamination
Chlorine and Chloramines (ppm)*	01/21 – 12/21	N	3.08	0.3 – 4.5 ppm	MRDLG = 4	MRDL = 4.0 ppm	Water additive used to control microbes

***BSU** conducted a free chlorine flush during 5/21. The results shown include both chloramine and chlorine results.*

STAGE 2 Disinfectants and Disinfection By-Products

Disinfectant or Contaminant and Unit of Measurement	Dates of Sampling (mo/yr)	MCL or MRDL Violation Y/N	Level Detected	Range of Results	MCLG or MRDLG	MCL or MRDL	Likely Source of Contamination
Haloacetic Acids HAA5 (ppb)	11/21	N	20	20 ppb	NA	60 ppb	By-product of drinking water disinfection
Total Trihalomethanes THHM (ppb)	11/21	N	38	25 – 38 ppb	NA	80 ppb	By-product of drinking water disinfection

Lead and Copper (Tap Water)

Contaminant and Unit of Measurement	Dates of Sampling (mo/yr)	AL Exceeded Y/N	90th Percentile Result	No. of sampling sites exceeding the AL	MCLG	AL (Action Level)	Likely Source of Contamination
Copper (tap water) (ppm)	06/21 – 07/21	N	0.11 ppm	0	1.3	1.3 ppm	Corrosion of household plumbing systems, erosion of natural deposits, leaching from wood preservatives
Lead (tap water) ** (ppb)	06/21 – 07/21	N	1.4 ppb	1	0	15 ppb	Corrosion of household plumbing systems, erosion of natural deposits

***Lead** – If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Bonita Springs Utilities, Inc. is responsible for providing high quality drinking water, but cannot control the variety of materials used in home plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to two minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.*

2021-2022 BOARD OF DIRECTORS

President
Brian Farrar

Vice President
Vincent Marchesani

Secretary
Paul J. Attwood

Treasurer
Robert Bachman

Richard Garner
Lawrence Kosilla
Mike Malloy
James Murphy
Ben Nelson

CONTAMINANTS

The sources of drinking water (both tap and bottled) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

(A) **Microbial contaminants**, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.
(B) **Inorganic contaminants**, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
(C) **Pesticides and herbicides**, which may come from a variety of sources such as agriculture, urban stormwater runoff and residential uses.
(D) **Organic chemical contaminants**, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.
(E) **Radioactive contaminants**, which can be naturally occurring or be the result of oil and gas production and mining activities.

To ensure that tap water is safe to drink, the EPA prescribes regulations, which limit the amount of certain contaminants in water provided by public water systems. The Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public heath.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly and infants, can be particularly at risk from infections. These people should seek advice about drinking water from their healthcare providers. U.S. Environmental Protection Agency(EPA)/Center for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline Safe Drinking Water Hotline at 1-800-426-4791.

Note: Bonita Springs Utilities is not required to test for the unregulated contaminant Cryptosporidium because our source water is from wells, not surface waters.

IN CONCLUSION

Water supply sustainability and good water quality are central to our mission at BSU. This is of particular concern in fast growing Southwest Florida. Since 2004, diversification into reverse-osmosis (RO) is helping to preserve and protect water quality in the shallow aquifer that feeds our lime-softening treatment plant. We recently completed a two million gallon per day expansion of the RO plant to increase supply and operational reliability. Our two water treatment plants are permitted to produce up to 17 million gallons per day of water for our customers.

In 2016, the Florida Section American Water Works Association (FSAWWA) judged BSU's water the best-tasting in the three-county region. BSU's Water Distribution Department has won the FSAWWA Outstanding Water Distribution System award eight out of the last 13 years. Both the Water Plant and Distribution Departments won a Safety Commendation from the Florida Water & Pollution Control Operators Association *"For Leadership, Promotion, Service and Performance rendered through an outstanding Safety Program for 2013."* The utility also won the FWPCOA "2018 Utility of the Year" award *"for our outstanding safety record."*

As our population grows, demand for water will continue to increase. Our responsibility is to provide quality water to every tap. We ask you to do your part to conserve and protect our valuable water resources for present and future generations.

Bonita Springs Utilities, Inc.™

Together, we are BSU

2022 Annual Drinking Water Quality Report

11900 East Terry St.
Bonita Springs
Florida 34135
239-992-0711
800-583-1496
www.BSU.us

We're on Facebook and Instagram!
Follow us for all the latest news and updates.

En Espanol – Si usted tiene alguna pregunta sobre este informe favor de llamar a Bonita Springs Utilities al **239-992-0711**.

This report will be mailed to customers only upon request and is available on our website:
www.bsu.us

THE COMPANY AND OUR MISSION

Bonita Springs Utilities, Inc. (BSU) is a not-for-profit water and wastewater cooperative. In 1970, the need for better quality water drove local residents to form BSU and begin to provide central water service to homes and businesses in the area. BSU has grown along with the City of Bonita Springs and the Village of Estero and now provides water and wastewater service to a population of approximately 75,000. We are dedicated to providing a safe, reliable potable water supply and wastewater treatment, emphasizing responsible protection of our resources at the most effective cost to all members. We are proud to continue to earn the community's trust as your locally owned and operated utility.

This report, required by law, provides data about the quality of the water supplied by BSU during 2022. BSU welcomes the opportunity to share this information with you. It's important that you know where our water comes from, what it contains and the risks that our water treatment is designed to prevent. The Bonita Springs Utilities, Inc. Board of Directors and staff are pleased to report that our drinking water meets all federal and state requirements.

OUR WATER SOURCE

Our drinking water comes from two wellfields each tapping into two underground aquifers. Nineteen wells, approximately 100 feet deep, draw water from the Lower Tamiami aquifer and supply our lime-softening water treatment plant. Fifteen wells, at a depth of 800 to 1,000 feet, draw water from the more brackish Upper Floridan aquifer to supply our reverse-osmosis water treatment plant.

In 2022, the Florida Department of Environmental Protection (FDEP) performed a Source Water Assessment on our system as part of its Source Water Assessment and Protection Program (SWAPP). The assessment provides information about potential sources of contamination in the vicinity of our wells. Ten potential sources of contamination, with low susceptibility levels, were identified. It should be noted that the potential sources of contamination identified by this assessment project are just that: potential sources. BSU facilities are regulated and operate under stringent construction and maintenance requirements designed to protect both human health and the environment.

The assessment results are available on the FDEP SWAPP website at https://prodapps.dep.state.fl.us/swapp/ or they can be obtained by calling BSU Operations Director Andy Koebel at 239-992-0711.

WATER TREATMENT PROCESSES

Our drinking water is a blend of two treatment processes. The lime-softening process includes hydrogen sulfide removal, hardness reduction, filtration and chlorination. The reverse-osmosis process includes membrane treatment, degasification and chlorination. Each process includes a corrosion inhibitor to help prevent corrosion in the plumbing of our customers' homes and businesses.

IF YOU'D LIKE TO KNOW MORE …

Bonita Springs Utilities, Inc. is a member-owned utility. We want you, our members and customers, to be informed about your water quality. Our Board of Directors meets at 5:00 p.m. on the first and third Tuesdays of each month and public input is welcome. If you have questions about this report or your water utility, you may also contact the Director of Operations, Andy Koebel, at 239-992-0711.

BSU routinely monitors for contaminants in your drinking water according to Federal and State laws, rules, and regulations. Except where indicated otherwise, this report is based on the results of our monitoring for the period of January 1 through December 31, 2022. Data obtained before January 1, 2022, and presented in this report are from the most recent testing done in accordance with the laws, rules, and regulations.

TERMS AND ABBREVIATIONS

In the table below, you may find unfamiliar terms and abbreviations. To help you better understand these terms, we've provided the following definitions:

Maximum Contaminant Level or MCL:
The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the Maximum Contaminant Level Goals (MCLG's) as feasible using the best available treatment technologyy.

Maximum Contaminant Level Goal or MCLG:
The level of contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

AN EXPLANATION:
MCLs are set at very stringent levels. To understand the possible health effects described for many regulated contaminants, a person would have to drink two liters of water a day at the MCL for a lifetime to have a one-in-a-million chance of having the described health effect.

Action Level (AL):
The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Maximum Residual Disinfectant Level or MRDL:
The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal or MRDLG:
The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per billion (ppb) or micrograms per liter (ug/l):
One part by weight of analyte to 1 billion parts by weight of the water sample (One part per billion is the equivalent of one cent in $10,000,000).

Parts per million (ppm) or milligrams per liter (mg/l):
One part by weight of analyte to 1 million parts by weight of water sample (One part per million is the equivalent of one cent in $10,000).

Picocurie per liter (pCi/L):
Measure of the radioactivity in water.

Treatment Technique (TT):
A required process intended to reduce the level of a contaminant in drinking water.

NON-SECONDARY CONTAMINANTS TABLE

Inorganic Contaminants

Contaminant and Unit of Measurement	Dates of Sampling (mo/yr)	MCL Violation Y/N	Level Detected	Range of Results	MCLG	MCL	Likely Source of Contamination
Barium (ppm)	02/20	N	0.0018 ppm	0.0018 ppm	2 ppm	2 ppm	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Fluoride (ppm)	02/20	N	0.18 ppm	0.18 ppm	4 ppm	4 ppm	Erosion of natural deposits; discharge from fertilizer and aluminum factories. Water additive that promotes strong teeth when at the optimum level of 0.7 ppm
Nitrate (as Nitrogen) (ppm)	02/22	N	0.01 ppm	0.01 ppm	10 ppm	10 ppm	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits
Nitrite (as Nitrogen) (ppm)	02/22	N	0.01 ppm	0.01 ppm	1 ppm	1 ppm	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits

STAGE 1 Disinfectants and Disinfection By-Products

Disinfectant or Contaminant and Unit of Measurement	Dates of Sampling (mo/yr)	MCL or MRDL Violation Y/N	Level Detected	Range of Results	MCLG or MRDLG	MCL or MRDL	Likely Source of Contamination
Chlorine and Chloramines (ppm)*	01/22 – 12/22	N	3.33	0.6 – 4.1 ppm	MRDLG = 4	MRDL = 4.0 ppm	Water additive used to control microbes

***BSU** conducted a free chlorine flush during 7/22. The results shown include both chloramine and chlorine results.*

STAGE 2 Disinfectants and Disinfection By-Products

Disinfectant or Contaminant and Unit of Measurement	Dates of Sampling (mo/yr)	MCL or MRDL Violation Y/N	Level Detected	Range of Results	MCLG or MRDLG	MCL or MRDL	Likely Source of Contamination
Haloacetic Acids HAA5 (ppb)	11/22	N	40	38 – 40 ppb	NA	60 ppb	By-product of drinking water disinfection
Total Trihalomethanes THHM (ppb)	11/22	N	62	50 – 62 ppb	NA	80 ppb	By-product of drinking water disinfection

Lead and Copper (Tap Water)

Contaminant and Unit of Measurement	Dates of Sampling (mo/yr)	AL Exceeded Y/N	90th Percentile Result	No. of sampling sites exceeding the AL	MCLG	AL (Action Level)	Likely Source of Contamination
Copper (tap water) (ppm)	06/21 – 07/21	N	0.11 ppm	0	1.3	1.3 ppm	Corrosion of household plumbing systems, erosion of natural deposits, leaching from wood preservatives
Lead (tap water) ** (ppb)	06/21 – 07/21	N	1.4 ppb	1	0	15 ppb	Corrosion of household plumbing systems, erosion of natural deposits

***Lead** – If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Bonita Springs Utilities, Inc. is responsible for providing high quality drinking water, but cannot control the variety of materials used in home plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to two minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.*

2022-2023 BOARD OF DIRECTORS

President
Brian Farrar

Vice President
Vincent Marchesani

Secretary
Paul J. Attwood

Treasurer
Robert Bachman

Wayne Bauman
Richard Garner
Lawrence Kosilla
Mike Malloy
Ben Nelson

CONTAMINANTS

The sources of drinking water (both tap and bottled) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

(A) **Microbial contaminants**, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.
(B) **Inorganic contaminants**, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
(C) **Pesticides and herbicides**, which may come from a variety of sources such as agriculture, urban stormwater runoff and residential uses.
(D) **Organic chemical contaminants**, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.
(E) **Radioactive contaminants**, which can be naturally occurring or be the result of oil and gas production and mining activities.

To ensure that tap water is safe to drink, the EPA prescribes regulations, which limit the amount of certain contaminants in water provided by public water systems. The Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public heath.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly and infants, can be particularly at risk from infections. These people should seek advice about drinking water from their healthcare providers. U.S. Environmental Protection Agency(EPA)/Center for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline at 1-800-426-4791.

Note: Bonita Springs Utilities, Inc. is not required to test for the unregulated contaminant Cryptosporidium because our source water is from wells, not surface waters.

IN CONCLUSION

Water supply sustainability and good water quality are central to our mission at BSU. This is of particular concern in fast-growing Southwest Florida. Since 2004, diversification into reverse-osmosis (RO) is helping to preserve and protect water quality in the shallow aquifer that feeds our lime-softening treatment plant. In 2023, we expect to complete a four million gallon per day expansion of the RO plant to increase supply and operational reliability. Our two water treatment plants are currently permitted to produce up to 17 million gallons per day of water for our customers.

In 2016, and again in 2022, the Florida Section American Water Works Association (FSAWWA) judged BSU's water the best-tasting in the three-county region. BSU's Water Distribution Department has won the FSAWWA Outstanding Water Distribution System award nine out of the last 13 years. Both the Water Plant and Distribution Departments won a Safety Commendation from the Florida Water & Pollution Control Operators Association *"For Leadership, Promotion, Service and Performance rendered through an outstanding Safety Program for 2013".* The utility also won the FWPCOA "2018 Utility of the Year" award *"for our outstanding safety record."*

As our population grows, demand for water will continue to increase. Our responsibility is to provide quality water to every tap. We ask you to do your part to conserve and protect our valuable water resources for present and future generations.

Bonita Springs Utilities, Inc.

Together, we are BSU

2023 ANNUAL DRINKING WATER QUALITY REPORT

11900 East Terry St.
Bonita Springs
Florida 34135
239-992-0711
800-583-1496
www.BSU.us

We're on Facebook and Instagram!
Follow us for all the latest news and updates.

En Espanol – Si usted tiene alguna pregunta sobre este informe favor de llamar a Bonita Springs Utilities al **239-992-0711**.

This report will be mailed to customers only upon request and is available on our website:
www.bsu.us

THE COMPANY AND OUR MISSION

Bonita Springs Utilities, Inc. (BSU) is a not-for-profit water and wastewater cooperative. In 1970, the need for better quality water drove local residents to form BSU and begin to provide central water service to homes and businesses in the area. BSU has grown along with the City of Bonita Springs and the Village of Estero and now provides water and wastewater service to a population of approximately 75,000. We are dedicated to providing a quality, reliable potable water supply and wastewater treatment, emphasizing responsible protection of our resources at the most effective cost to all members. We are proud to continue to earn the community's trust as your locally owned and operated utility.

This report, required by law, provides data about the quality of the water supplied by BSU during 2023. BSU welcomes the opportunity to share this information with you. It's important that you know where our water comes from, what it contains and the risks that our water treatment is designed to prevent. The board of directors and staff of Bonita Springs Utilities, Inc. are pleased to report that our drinking water meets all federal and state requirements.

OUR WATER SOURCE

Our drinking water comes from two wellfields each tapping into two underground aquifers. Nineteen wells, approximately 100 feet deep, draw water from the Lower Tamiami Aquifer and supply our lime-softening water treatment plant. Fifteen wells, at a depth of 800 to 1,000 feet, draw water from the more brackish Upper Floridan Aquifer to supply our reverse-osmosis water treatment plant.

In 2023, the Florida Department of Environmental Protection (FDEP) performed a Source Water Assessment on our system as part of its Source Water Assessment and Protection Program (SWAPP). The assessment provides information about potential sources of contamination in the vicinity of our wells. Eleven potential sources of contamination, with low susceptibility levels, were identified. It should be noted that the potential sources of contamination identified by this assessment project are just that: potential sources. BSU facilities are regulated and operate under stringent construction and maintenance requirements designed to protect both human health and the environment.

The assessment results are available on the FDEP SWAPP website at https://prodapps.dep.state.fl.us/swapp/ or they can be obtained by calling BSU Operations Director Andy Koebel at 239-992-0711.

WATER TREATMENT PROCESSES

Our drinking water is a blend of two treatment processes. The lime-softening process includes hydrogen sulfide removal, hardness reduction, filtration and chlorination. The reverse-osmosis process includes membrane treatment, degasification and chlorination. Each process includes a corrosion inhibitor to help prevent corrosion in the plumbing of our customers' homes and businesses.

O KNOW MORE ...

ilities, Inc. is a member-owned utility. We want you, our members
e informed about your water quality. Our Board of Directors
n the first and third Tuesdays of each month and public input is
e questions about this report or your water utility, you may also
of Operations, Andy Koebel, at 239-992-0711.
nitors for contaminants in your drinking water according to federal
and regulations. Except where indicated otherwise, this report is
of our monitoring for the period of January 1 through December
ned before January 1, 2023, and presented in this report are from
ing done in accordance with the laws, rules, and regulations.

TERMS AND ABBREVIATIONS

In the table below, you may find unfamiliar terms and abbreviations. To help you better understand these terms, we've provided the following definitions:

Maximum Contaminant Level or MCL:
The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the Maximum Contaminant Level Goals (MCLG's) as feasible using the best available treatment technology.

Maximum Contaminant Level Goal or MCLG:
The level of contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

AN EXPLANATION:
MCLs are set at very stringent levels. To understand the possible health effects described for many regulated contaminants, a person would have to drink two liters of water a day at the MCL for a lifetime to have a one-in-a-million chance of having the described health effect.

Action Level (AL):
The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Maximum Residual Disinfectant Level or MRDL:
The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal or MRDLG:
The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per billion (ppb) or micrograms per liter (ug/l):
One part by weight of analyte to 1 billion parts by weight of the water sample (One part per billion is the equivalent of one cent in $10,000,000).

Parts per million (ppm) or milligrams per liter (mg/l):
One part by weight of analyte to 1 million parts by weight of water sample (One part per million is the equivalent of one cent in $10,000).

Picocurie per liter (pCI/L):
Measure of the radioactivity in water.

Treatment Technique (TT):
A required process intended to reduce the level of a contaminant in drinking water.

NON-SECONDARY CONTAMINANTS TABLE

Inorganic Contaminants

Contaminant and Unit of Measurement	Dates of Sampling (mo/yr)	MCL Violation Y/N	Level Detected	Range of Results	MCLG	MCL	Likely Source of Contamination
Barium (ppm)	02/23	N	0.0047 ppm	0.0047 ppm	2 ppm	2 ppm	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Fluoride (ppm)	02/23	N	0.23 ppm	0.23 ppm	4 ppm	4 ppm	Erosion of natural deposits; discharge from fertilizer and aluminum factories. Water additive that promotes strong teeth when at the optimum level of 0.7 ppm
Nitrate (as Nitrogen) (ppm)	02/23	N	0.07 ppm	0.07 ppm	10 ppm	10 ppm	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits
Nitrite (as Nitrogen) (ppm)	02/23	N	0.01 ppm	0.01 ppm	1 ppm	1 ppm	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits
Sodium (ppm)	02/23	N	83.1 ppm	83.1 ppm	N/A	160	Leaching from ore processing sites; discharge from electronics, glass, and drug factories

STAGE 1 Disinfectants and Disinfection By-Products

Disinfectant or Contaminant and Unit of Measurement	Dates of Sampling (mo/yr)	MCL or MRDL Violation Y/N	Level Detected	Range of Results	MCLG or MRDLG	MCL or MRDL	Likely Source of Contamination
Chlorine and Chloramines (ppm)*	01/23 – 12/23	N	3.26	0.6 – 4.1 ppm	MRDLG = 4	MRDL = 4.0 ppm	Water additive used to control microbes

**BSU conducted a free chlorine flush during 5/23. The results shown include both chloramine and chlorine results.*

STAGE 2 Disinfectants and Disinfection By-Products

Disinfectant or Contaminant and Unit of Measurement	Dates of Sampling (mo/yr)	MCL or MRDL Violation Y/N	Level Detected	Range of Results	MCLG or MRDLG	MCL or MRDL	Likely Source of Contamination
Haloacetic Acids HAA5 (ppb)	2/8/23, 5/30/23 8/10/23, 11/8/23	N	25.8	17.2 - 30 ppb	NA	60 ppb	By-product of drinking water disinfection
Total Trihalomethanes THHM (ppb)	2/8/23, 5/30/23 8/10/23, 11/8/23	N	41.5	29.1 - 53 ppb	NA	80 ppb	By-product of drinking water disinfection

Lead and Copper (Tap Water)

Contaminant and Unit of Measurement	Dates of Sampling (mo/yr)	AL Exceeded Y/N	90th Percentile Result	No. of sampling sites exceeding the AL	MCLG	AL (Action Level)	Likely Source of Contamination
Copper (tap water) (ppm)	07/23 – 08/23	N	0.070	0	1.3	1.3	Corrosion of household plumbing systems, erosion of natural deposits, leaching from wood preservatives
Lead (tap water) ** (ppb)	07/23 – 08/23	N	2.1	0	0	15	Corrosion of household plumbing systems, erosion of natural deposits

***Lead** – If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Bonita Springs Utilities, Inc. is responsible for providing high quality drinking water, but cannot control the variety of materials used in home plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to two minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.*

Unregulated Contaminants

Contaminant and Unit of Measurement	Dates of Sampling (mo/yr)	Level Detected (average)	Range	Likely Source of Contamination

In 2023, Bonita Springs Utilities, Inc. tested our drinking water for 29 PFAS compounds and lithium by participating in the U.S. EPA's Unregulated Contaminant Monitoring Rule Program (UCMR). Through the UCMR program, water systems collect data on a group of contaminants that are currently not regulated in drinking water at the federal level. U.S. EPA uses this information when deciding if it needs to create new drinking water limits. We are happy to report that none of these compound were detected in the drinking water that we are providing. We will be testing for these same compound again in 2024. More information on the UCMR program can be found at **https://www.epa.gov/dwucmr/fifth-unregulated-contaminant-monitoring-rule.**

2023-2024 BOARD OF DIRECTORS

President
Brian Farrar

Vice President
Wayne Bauman

Secretary
Vincent Marchesani

Treasurer
Richard Garner

Paul J. Attwood
Robert Bachman
Lawrence Kosilla
Mike Malloy
James Murphy

CONTAMINANTS

The sources of drinking water (both tap and bottled) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

(A) **Microbial contaminants**, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.

(B) **Inorganic contaminants**, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.

(C) **Pesticides and herbicides**, which may come from a variety of sources such as agriculture, urban stormwater runoff and residential uses.

(D) **Organic chemical contaminants**, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic system.

(E) **Radioactive contaminants**, which can be naturally occurring or be the result of oil and gas production and mining activities.

To ensure that tap water is safe to drink, the EPA prescribes regulations, which limit the amount of certain contaminants in water provided by public water systems. The Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public heath.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly and infants, can be particularly at risk from infections. These people should seek advice about drinking water from their healthcare providers. U.S. Environmental Protection Agency (EPA)/Center for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Note: Bonita Springs Utilities, Inc. is not required to test for the unregulated contaminant *Cryptosporidium* because our source water is from wells, not surface waters.

IN CONCLUSION

Water supply sustainability and good water quality are central to our mission at BSU. This is of particular concern in fast growing Southwest Florida. Since 2004, diversification into reverse-osmosis (RO) is helping to preserve and protect water quality in the shallow aquifer that feeds our lime-softening treatment plant. In 2023, we neared completion of a four million gallon per day expansion of the RO plant to increase supply and operational reliability. Our two water treatment plants are currently permitted to produce up to 17 million gallons per day of water for our customers.

In 2016 and again in 2022, the Florida Section American Water Works Association (FSAWWA) judged BSU's water the best-tasting in the three-county region. BSU's Water Distribution Department has won the FSAWWA Outstanding Water Distribution System award ten out of the last 13 years. Both the Water Plant and Distribution Departments won a Safety Commendation from the Florida Water & Pollution Control Operators Association *"For Leadership, Promotion, Service and Performance rendered through an outstanding Safety Program for 2013."* The utility also won the FWPCOA "2018 Utility of the Year" award *"for our outstanding safety record."*

As our population grows, demand for water will continue to increase. Our responsibility is to provide quality water to every tap. We ask you to do your part to conserve and protect our valuable water resources for present and future generations.

Bonita Springs Utilities, Inc.

Together, we are BSU

2024 ANNUAL DRINKING WATER QUALITY REPORT

11900 East Terry St.
Bonita Springs
Florida 34135
239-992-0711
800-583-1496
www.BSU.us

We're on Facebook and Instagram!
Follow us for all the latest news and updates.

En Espanol – Si usted tiene alguna pregunta sobre este informe favor de llamar a Bonita Springs Utilities al **239-992-0711**.

This report will be mailed to customers only upon request and is available on our website:
www.bsu.us

THE COMPANY AND OUR MISSION

Bonita Springs Utilities, Inc. (BSU) is a not-for-profit water and wastewater cooperative. In 1970, the need for better quality water drove local residents to form BSU and begin to provide central water service to homes and businesses in the area. BSU has grown along with the City of Bonita Springs and the Village of Estero and now provides water and wastewater service to a population of approximately 76,000. We are dedicated to providing a quality, reliable potable water supply and wastewater treatment, emphasizing responsible protection of our resources at the most effective cost to all members. We are proud to continue to earn the community's trust as your locally owned and operated utility.

This report, required by law, provides data about the quality of the water supplied by BSU during 2024. BSU welcomes the opportunity to share this information with you. It's important that you know where our water comes from, what it contains and the risks that our water treatment is designed to prevent. The Board of Directors and staff of Bonita Springs Utilities, Inc. are pleased to report that our drinking water meets all federal and state requirements.

OUR WATER SOURCE

Our drinking water comes from two wellfields each tapping into two underground aquifers. Nineteen wells, approximately 100 feet deep, draw water from the Lower Tamiami Aquifer and supply our lime-softening water treatment plant. Fifteen wells, at a depth of 800 to 1,000 feet, draw water from the more brackish Upper Floridan Aquifer to supply our reverse-osmosis water treatment plant.

In 2024, the Florida Department of Environmental Protection (FDEP) performed a Source Water Assessment on our system as part of its Source Water Assessment and Protection Program (SWAPP). The assessment provides information about potential sources of contamination in the vicinity of our wells. Thirteen potential sources of contamination, with low susceptibility levels, were identified. It should be noted that the potential sources of contamination identified by this assessment project are just that: potential sources. BSU facilities are regulated and operate under stringent construction and maintenance requirements designed to protect both human health and the environment.

The assessment results are available on the FDEP SWAPP website at https://prodapps.dep.state.fl.us/swapp or they can be obtained by calling BSU Operations Director Don Woodruff at 239-992-0711.

WATER TREATMENT PROCESSES

Our drinking water is a blend of two treatment processes. The lime-softening process includes hydrogen sulfide removal, hardness reduction, filtration and chlorination. The reverse-osmosis process includes membrane treatment, degasification and chlorination. Each process includes a corrosion inhibitor to help prevent corrosion in the plumbing of our customers' homes and businesses.

IF YOU'D LIKE TO KNOW MORE ...

Bonita Springs Utilities, Inc. is a member-owned utility. We want you, our members and customers, to be informed about your water quality. Our Board of Directors meets at 5:00 p.m. on the first and third Tuesdays of each month and public input is welcome. If you have questions about this report or your water utility, you may also contact the Director of Operations, Don Woodruff, at 239-992-0711.

BSU routinely monitors for contaminants in your drinking water according to federal and state laws, rules, and regulations. Except where indicated otherwise, this report is based on the results of our monitoring for the period of January 1 through December 31, 2024. Data obtained before January 1, 2024, and presented in this report are from the most recent testing done in accordance with the laws, rules, and regulations.

TERMS AND ABBREVIATIONS

In the table below, you may find unfamiliar terms and abbreviations. To help you better understand these terms, we've provided the following definitions:

Maximum Contaminant Level or MCL:
The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the Maximum Contaminant Level Goals (MCLG's) as feasible using the best available treatment technology.

Maximum Contaminant Level Goal or MCLG:
The level of contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

AN EXPLANATION:
MCLs are set at very stringent levels. To understand the possible health effects described for many regulated contaminants, a person would have to drink two liters of water a day at the MCL for a lifetime to have a one-in-a-million chance of having the described health effect.

Action Level (AL):
The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Maximum Residual Disinfectant Level or MRDL:
The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal or MRDLG:
The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per billion (ppb) or micrograms per liter (ug/l):
One part by weight of analyte to 1 billion parts by weight of the water sample (One part per billion is the equivalent of one cent in $10,000,000).

Parts per million (ppm) or milligrams per liter (mg/l):
One part by weight of analyte to 1 million parts by weight of water sample (One part per million is the equivalent of one cent in $10,000).

Picocurie per liter (pCI/L):
Measure of the radioactivity in water.

Treatment Technique (TT):
A required process intended to reduce the level of a contaminant in drinking water.

NON-SECONDARY CONTAMINANTS TABLE

Inorganic Contaminants

Contaminant and Unit of Measurement	Dates of Sampling (mo/yr)	MCL Violation Y/N	Level Detected	Range of Results	MCLG	MCL	Likely Source of Contamination
Barium (ppm)	02/23	N	0.0047 ppm	0.0047 ppm	2 ppm	2 ppm	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Fluoride (ppm)	02/23	N	0.23 ppm	0.23 ppm	4 ppm	4 ppm	Erosion of natural deposits; discharge from fertilizer and aluminum factories. Water additive that promotes strong teeth when at the optimum level of 0.7 ppm.
Nitrate (as Nitrogen) (ppm)	02/24	N	0.05 ppm	0.05 ppm	10 ppm	10 ppm	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits
Nitrite (as Nitrogen) (ppm)	02/24	N	0.01 ppm	0.01 ppm	1 ppm	1 ppm	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits
Sodium (ppm)	02/23	N	83.1 ppm	83.1 ppm	N/A	160	Leaching from ore processing sites; discharge from electronics, glass, and drug factories

STAGE 1 Disinfectants and Disinfection By-Products

Disinfectant or Contaminant and Unit of Measurement	Dates of Sampling (mo/yr)	MCL or MRDL Violation Y/N	Level Detected	Range of Results	MCLG or MRDLG	MCL or MRDL	Likely Source of Contamination
Chlorine and Chloramines (ppm)	01/24 – 12/24	N	3.31	0.8 – 4.3 ppm	MRDLG = 4	MRDL = 4.0 ppm	Water additive used to control microbes

STAGE 2 Disinfectants and Disinfection By-Products

Disinfectant or Contaminant and Unit of Measurement	Dates of Sampling (mo/yr)	MCL or MRDL Violation Y/N	Level Detected	Range of Results	MCLG or MRDLG	MCL or MRDL	Likely Source of Contamination
Haloacetic Acids HAA5 (ppb)	2/8/24, 5/8/24 8/14/24, 11/11/24	N	28	2.4 - 28 ppb	NA	60 ppb	By-product of drinking water disinfection
Total Trihalomethanes THHM (ppb)	2/8/24, 5/8/24 8/14/24, 11/11/24	N	45	1 - 45 ppb	NA	80 ppb	By-product of drinking water disinfection

Lead and Copper (Tap Water)

Contaminant and Unit of Measurement	Dates of Sampling (mo/yr)	AL Exceeded Y/N	90th Percentile Result	No. of sampling sites exceeding the AL	MCLG	AL (Action Level)	Likely Source of Contamination
Copper (tap water) (ppm)	07/23 – 08/23	N	0.070	0	1.3	1.3	Corrosion of household plumbing systems, erosion of natural deposits, leaching from wood preservatives
Lead (tap water) * (ppb)	07/23 – 08/23	N	2.1	0	0	15	Corrosion of household plumbing systems, erosion of natural deposits

Lead* *can cause serious health effects in people of all ages, especially for pregnant people, infants (both formula-fed and breastfed) and young children. Lead in drinking water is primarily from materials and parts used in service lines and in home plumbing. Bonita Springs Utilities, Inc. is responsible for providing high quality drinking water and removing lead pipes but cannot control the variety of materials used in plumbing in your home. Because lead levels may vary over time, lead exposure is possible even when your tap sampling results do not detect lead at one point in time. You can help protect yourself and your family by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Using a filter, certified by an American National Standards Institute accredited certifier to reduce lead, is effective in reducing lead exposures. Follow the instructions provided with the filter to ensure the filter is used properly. Use only cold water for drinking, cooking and making baby formula. Boiling water does not remove lead from water. Before using tap water for drinking, cooking or making baby formula, flush your pipes for several minutes. You can do this by running your tap, taking a shower, doing laundry or a load of dishes. If you have a lead service line or galvanized requiring replacement service line, you may need to flush your pipes for a longer period. If you are concerned about lead in your water and wish to have your water tested, contact Bonita Springs Utilities, Inc. at 239-992-0711. Information on lead in drinking water, testing methods and steps you can take to minimize exposure is available at* **http://www.epa.gov/safewater/lead.

Unregulated Contaminants

Contaminant and Unit of Measurement	Dates of Sampling (mo/yr)	Level Detected (average)	Range	Likely Source of Contamination

In 2024, Bonita Springs Utilities, Inc. tested our drinking water for 29 PFAS compounds and lithium by participating in the U.S. EPA's Unregulated Contaminant Monitoring Rule Program (UCMR). Through the UCMR program, water systems collect data on a group of contaminants that are currently not regulated in drinking water at the federal level. U.S. EPA uses this information when deciding if it needs to create new drinking water limits. We are happy to report that none of these compunds were detected in the drinking water that we are providing. More information on the UCMR program can be found at **https://www.epa.gov/dwucmr/fifth-unregulated-contaminant-monitoring-rule.**

2024-2025 BOARD OF DIRECTORS

President
Richard Garner

Vice President
Brian Farrar

Treasurer
Robert Bachman

Secretary
James Murphy

Paul J. Attwood
Wayne Bauman
Lawrence Kosilla
Mike Malloy
Vincent J. Marchesani

CONTAMINANTS

The sources of drinking water (both tap and bottled) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

(A) **Microbial contaminants**, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.

(B) **Inorganic contaminants**, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.

(C) **Pesticides and herbicides**, which may come from a variety of sources such as agriculture, urban stormwater runoff and residential uses.

(D) **Organic chemical contaminants**, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff and septic system.

(E) **Radioactive contaminants**, which can be naturally occurring or be the result of oil and gas production and mining activities.

To ensure that tap water is safe to drink, the EPA prescribes regulations, which limit the amount of certain contaminants in water provided by public water systems. The Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public heath.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly and infants, can be particularly at risk from infections. These people should seek advice about drinking water from their healthcare providers. U.S. Environmental Protection Agency (EPA)/Center for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Note: Bonita Springs Utilities, Inc. is not required to test for the unregulated contaminant *Cryptosporidium* because our source water is from wells, not surface waters.

IN CONCLUSION

Water supply sustainability and good water quality are central to our mission at BSU. This is of particular concern in fast growing Southwest Florida. Since 2004, diversification into reverse-osmosis (RO) is helping to preserve and protect water quality in the shallow aquifer that feeds our lime-softening treatment plant. In 2024, we completed a four million gallon per day expansion of the RO plant to increase supply and operational reliability. Our two water treatment plants are currently permitted to produce up to 17 million gallons per day of water for our customers.

In 2016, 2022 and 2024, the Florida Section American Water Works Association (FSAWWA) judged BSU's water the best-tasting in the three-county region. Operators at our water plant also won the state level FSAWWA Top Ops award in 2024. BSU's Water Distribution Department has won the FSAWWA Outstanding Water Distribution System award 11 out of the last 14 years. Both the Water Plant and Distribution Departments won a Safety Commendation from the Florida Water & Pollution Control Operators Association *"For Leadership, Promotion, Service and Performance rendered through an outstanding Safety Program for 2013."* The utility also won the FWPCOA "2018 Utility of the Year" award *"for our outstanding safety record."*

As our population grows, demand for water will continue to increase. Our responsibility is to provide quality water to every tap. We ask you to do your part to conserve and protect our valuable water resources for present and future generations.

Bonita Springs Utilities, Inc.

Serving our Members for 50 YEARS

AFTER HOUR EMERGENCIES CALL: (239) 992-0711

Website: www.bsu.us
E-mail: customerservice@bsu.us

11900 East Terry Street
Bonita Springs, FL 34135
Office Hours: Monday - Friday 8:00-4:00 pm
(239) 992-0711 or 1-800-583-1496
Fax (239) 947-7460

CUSTOMER NAME	[redacted]
SERVICE ADDRESS	[redacted]

BILL DATE	DUE DATE	BILLING CYCLE	# DAYS USAGE	ACCOUNT NUMBER
05/01/25	05/21/25	CYCLE 01	28	L002320-C0125241

METER NUMBER	TYPE READ	CURRENT READING DATE	CURRENT READING	PREVIOUS READING DATE	PREVIOUS READING	USAGE
2100190155	Actual	04/24/2025	2159	03/27/2025	2129	3000

PREVIOUS BALANCE – PLEASE PAY WITHIN 7 DAYS	67.29
PAYMENT RECEIVED ON 04/23/2025 THANK YOU	-67.29 CR
WATER CONSUMPTION	
BILLING CHARGE	4.52
MONTHLY BASE RATE	9.01
CONSUMPTION	12.21
SEWER CONSUMPTION	
MONTHLY BASE RATE	31.67
CONSUMPTION	12.33
CURRENT CHARGES:	$ 69.74
TOTAL DUE:	$ 69.74

Starting May 1, 2025 your 2024 Annual Water Quality Report will be available to view online at www.bsu.us/2024waterqualityreport. This report contains important information about the sources and quality of your drinking water. If you prefer a copy mailed to you, please call (239) 992-0711 or return your entire bill with the check box [ ] marked.

GO GREEN! REGISTER FOR EMAIL NOTIFICATION OF YOUR UTILITY BILL AND PAY YOUR BILL ONLINE AT WWW.BSU.US

[1/1]

Bonita Springs Utilities, Inc.

11900 East Terry Street • Bonita Springs, FL 34135

To change your billing address or opt in for Community Fund contact customerservice@bsu.us, visit www.bsu.us or call 239-992-0711

8071155

ADDRESSEE:

BSU0501A
9000000577 00.0000.0505 572/1

[redacted]

ACCOUNT NUMBER	BILLING DATE
L002320-C0125241	05/01/25
SERVICE ADDRESS	PAST DUE CHARGE
[redacted]	$0.00
CURRENT DUE DATE	CURRENT CHARGE
05/21/25	$69.74
STATEMENT NUMBER	TOTAL DUE
8071155	$69.74

AMOUNT ENCLOSED

MAKE CHECKS PAYABLE TO:

AUTOMATED PAYMENT
Do not return this payment stub
DO NOT PAY

L002320 C0125241 00000006974

FLORIDA DEPARTMENT OF
Environmental Protection

South District
PO Box 2549
Fort Myers FL 33902-2549
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

August 1, 2023

Brian Farrar- President
Bonita Springs Utility, Inc
22190 Fairmount Ct
Estero, FL 33928

Re: Compliance Assistance Offer
Bonita Springs Utility
Facility ID: 5360025
Lee County - PW

Dear Mr. Farrar:

A Sanitary Survey Inspection was conducted at your facility on May 17, 2023. During this inspection, potential non-compliance was noted. The purpose of this letter is to offer compliance assistance as a means of resolving these matters.

Specifically, potential non-compliance with the requirements of Chapters 373 and 403, Florida Statutes and Chapter 62-555, Florida Administrative Code were observed. Please see the attached inspection report for a full account of Department observations and recommendations.

We request you review the items of concern noted and respond within **30 days** of receipt of this Compliance Assistance Offer. Your response should include one of the following:

1. Describe what has been done to resolve the non-compliance issue or provide a schedule describing how/when the issue will be addressed.
2. Provide the requested information, or information that mitigates the concerns or demonstrates them to be invalid, or
3. Arrange for the case manager to visit your facility to discuss the items of concern.

It is the Department's desire that you are able adequately address the aforementioned issues so that this matter can be closed. Your failure to respond promptly may result in the initiation of formal enforcement proceedings.

Please address your response and any questions to Vanessa Kraft of the South District Office at (239) 344-5678 or via e-mail at Vanessa.Kraft@FloridaDEP.gov. We look forward to your cooperation with this matter.

Sincerely,

Elizabeth Sweigert
Assistant District Director
South District Office
Florida Department of Environmental Protection

Enclosures: Inspection Report

cc: David Rodriguez, Lead Operator, drodriguez@bsu.us
Andy Koebel, akoebel@bsu.us

Florida Department of Environmental Protection

South District Public Water System Sanitary Survey Inspection Report

Water system: Bonita Springs Utility	**System PWS #:** 5360025	**Survey date:** 05/17/2023
Facility type class: Community - (1A)	Source type: Ground	4-Log approved:
Facility address: 11900 E. Terry St, Bonita Springs, FL 34135		
Facility phone(s): 239-992-0711	Facility email/fax:	
Facility contact: Andy Koebel	Facility contact phone(s): 239-992-0711	
Facility contact email/fax: akoebel@bsu.us		
Owner name: Brian Farrar- President	Company name: Bonita Springs Utilities, Inc	
Owner/Corp address: 22190 Fairmount Ct	City: Estero	State: FL Zip: 33928
Owner/Corp phone(s):	Owner e-contact(s):	
Operator name: David Rodriguez	Certification: A 7880	
Operator phone(s): 239-390-4823	Operator email/fax: drodriguez@bsu.us	
On-site Rep: Cheif Plant Operator (David)	**Immediate Action Required?** Yes	Inspection recap given? Yes

GENERAL INFORMATION

Number of Service Connections 29,708
Population Served 74,270
Plant Design Capacity RO 8,560,000, Lime 10,500,000, GPD
Average Day (from MORs) See Comments GPD
Max. Day (from MORs) See Comments GPD
Total Storage Capacity 13,000,000 GPD
Comments:
Lime: MOR Avg- 4,428,365, MOR Max- 8,620,000
RO: MOR Avg- 5,314,480; MOR Max- 8,490,000

OPERATION & MAINTENANCE

Certified Operator: ◉Yes ○No ○Not required
Plant visits conducted by: Operator
O&M Log: ◉Yes ○No O&M Manual: ◉Yes ○No
Visitation Frequency
Hrs/day: *Required* 24 *Actual* 24
Hrs/wk: *Required* *Actual*
Days/wk: *Required* 7 *Actual* 7
Non-consecutive Days? ○Yes ○No ◉N/A
MORs submitted regularly? ◉Yes ○No ○N/A
Data missing from MORs? ○Yes ◉No ○N/A

CHLORINATION (Disinfection)

Type: Hypo-Chlorination
Capacity Unit ○Total ○Each
Chlorine Feed Rate 21000 ml/min (Lime) & 22000 ml/min (RO)
Avg. Amount of Cl_2 gas used
Chlorine Residuals: Plant 3.0 Remote 2.2
Remote tap location House at Residential Community
Injection Points After Degassifer
Booster Pump Info
Comments:
POE: 12:18pm
Remote: 12:26pm

AERATION (Gases, Fe, & Mn Removal)

Type Degasifier Conventional Capacity See Comments
Aerator Condition Good
Visible Algae Growth ○Yes ○No
Protective Screen Condition Good
Comments:
2 degassifers for lime and 6 degassifers for RO.

RAW WATER SOURCE

☑ GROUND; Number of Wells 33
☐ SURFACE/UDI; Source
☐ PURCHASED from PWS ID #
☐ Emergency Water Source
Emergency Water Capacity

AUXILIARY POWER SOURCE

◉Yes ○None ○Not Required
Source Generator
Capacity of Standby (kW) See Comments
Switchover: ◉Automatic ○Manual
Standby Plan: ◉Yes ○No
Hrs Operated Under Load
What equipment does it operate?
☐ Well pumps
☐ High Service Pumps
☐ Treatment Equipment
Satisfy 1/2 max-day demand? ○Yes ○No ○Unk
Comments:
Windsor: 250 kW, Coconut: 125 kW, Snell: 300 kW, Three Oaks: 300. Generator info is on well pages.

DISTRIBUTION SYSTEM

Flow Measuring Device Flow Meter
Meter Size & Type
Meter tested w/i 5 yrs? ◉Yes ○No ○Unk ○N/A
Backflow Prevention : ◉Yes ○No
Cross-connections None
Cross-connection Control Program: ◉Yes ○No ○N/A
Coliform Sampling Plan: ◉Yes ○No
Stage 2 DBPs Sampling Plan: ◉Yes ○No ○N/A
Lead & Copper Sampling Plan: ◉Yes ○No ○N/A
Comments:
Flow Meter Calibrated in 05/2020, valve exercising is on ARC Gis and have auto flushers throughout the distribution.

SERVICE AREA CHARACTERISTICS:

Municipality/City

Food Service: ○Yes ◉No ○N/A

Water System: Bonita Springs Utility

PWS ID # 5360025
Survey Date

OTHER TASTE/ODOR CONTROL PROCESSES
Explain:

AMMONIATION
Capacity 2800 x2 (gal) Injection Points At Clearwell
Comments:
Feed rate depends on flow. Facility was on a chlorine burn so ammonia was off.

CORROSION CONTROL
Capacity See Comm (gal) Injection Points At Clearwell
Chemicals Used Caustic Soda / Sodium Hexa-meta-phosphate
Comments:
8000 & 3900 gal tanks
Feed rate: 68% - 168.36 gal/day

COAGULATION (Turbidity Removal)
Chemicals Used
Is settling OK? ○ Yes ○ No
Comments:

SOFTENING (Ca/Mg Hardness Removal)

Chemical Precipitation Process:
Chemicals Used:
Lime-soda / liqui-phase recarbonization
35% lime slurry and .15ppm of Anionic polymer injected at clarifiers. Polymer feed rate: 2.34 L/min, 700 gal tank.
Is settling OK? ◉ Yes ○ No
Excessive carry-over? ○ Yes ◉ No
Secondary Precipitation ○ Yes ◉ No
Recarbonation Type
Sludge Recirculation Used ◉ Yes ○ No
Comments:
Accumulated sludge collected in a pond and is eventually pumped to the backwash tank which returns to the clarifiers.

Ion Exchange Process:
Capacity (gal)
Grade of Salt for Regeneration
Backwash Effluent Destination
Comments:

STABILIZATION
Effluent S.I. Carbon dioxide (CO2)
Is pH control done? ◉ Yes ○ No
Chemical Used CO2
Injection Point RO: after RO / Lime: before filtration
pH Range of Effluent
Comments: Feed rate - 34.45%

SUBPART H/UDI TURBIDITY METERS
Each filter has a turbidity meter ○ Yes ○ No
Combined turbidity meter probe Point(s):

Last time calibrated
Comments:

FILTRATION (Suspended Solids Removal)
Type Dual Media Gravity Filters
Size 8' X 17.5' No. of Units 5
Length of Filter Runs 60 hrs
Type of Filter Media Sand and Anthracite
Is media visible? ○ Yes ◉ No
Clean after BW? ◉ Yes ○ No
Filter Rate 4.3 gpm BW Rate 60 hrs
Filter Capacity 6 gpd
Cracks/Cementation/Channeling ○ Yes ◉ No
Effluent Stability
Algae Growth ○ Yes ◉ No
Turbidity in clearwell? ○ Yes ◉ No
Comments:
Backwashes are performed on a time schedule.
Cartridge Filters: Spiral Bound

REVERSE OSMOSIS (Dissolved Solids Removal)
Pressure 220 (psi)
No. of Modules 48 (4 trains) Permeate Cap.
Blend Rate (GPM) No blend
Chemicals Used See Comments
Waste-to-product Ratio 82%/18%
Pre-treatment filters
Effluent Quality: TDS (mg/L)
Waste Disposal Site Deep Well Injection
IW Permit # & Expir. Date
Comments:
Organo-Phosphonate, 22% feed rate, 600 gal tank.
Anti-Scalant- A102Plus, 2500 gal tank, feed rate: 1.5ppm.
Injection Point: After filters but before membranes.

FLUORIDATION
Chemical Used Strength
Corrosion Noted ○ Yes ○ No
Plugging Noted ○ Yes ○ No
High Level Ventilation (acid) ○ Yes ○ No
Acid carboys/day tank vented outside ○ Yes ○ No
Designated Electrical Outlet (acid) ○ Yes ○ No
Analytical Testing Equipment ○ Yes ○ No
Anti-siphon Valves ○ Yes ○ No
Residual Range
Point of Application
Emergency Eyewash ○ Yes ○ No
Comments:

Water System: Bonita Springs Utility

PWS ID # 5360025
Survey Date 05/17/2023

STORAGE FACILITIES

Tank Type	Ground	Ground	Ground	Ground	Ground	Ground	Ground	Clearwell	Clearwell
Capacity MG	2.0	2.0	2.0	1.0	2.0	2.0	2.0	60,000 gals	40,000 gals
Material	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Steel	Concrete	Concrete
By-pass Piping	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Gravity Drain	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PRV/ARV	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Protected Openings	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pressure Gauge	No	No	No	No	No	No	No	No	No
Sight Glass or Level Indicator	L.I.	L.I.	L.I.	L.I.	L.I.	L.I.	L.I.	N/A	N/A
Fittings for Sight Glass	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Access Padlocked	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Last Inspection Date (for tanks with access manholes)	November 2018	November 2018	November 2018	November 2018	November 2018	December 2018	December 2018	N/A	N/A
On/Off Pressure	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Height to Bottom of Elevated Tank	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Height to Max. Water Level	22 ft	23 ft	24 ft	8.26 ft	4.6 ft	25 ft	14 ft	N/A	N/A

Comments:

Tank Order: Tank 1, 2, & 3 are on-site, Three Oaks Tank (1 m), Coconut Tank (2 m), Windsor Tank (2 m), and Snel Tank (2 m). Lime and RO water is pumped and blended into the 3 on-site tanks. Blend is 50/50. Clearwells were drained and cleaned when transfer pumps were upgraded.

HIGH SERVICE (HSP), BACKWASH (BWP), TRANSFER (TP) and OTHER (OP) PUMPS

Pump Purpose	High Service	High Service	High Service	High Service	High Service	High Service	High Service	High Service	High Service
Pump Number	1	2	3	4	1	2	3	4	1
Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Turbine	Turbine	Turbine	Turbine	Centrifugal
Capacity (gpm)	UNK	UNK	UNK	UNK	UNK	UNK	UNK	UNK	UNK
Motor HP	60	60	60	60	250	250	250	250	150
Date Installed	5/2022	5/2022	5/2022	5/2022	2004	2004	2004	2004	2001

Comments:

Pump 1-4 are for the Lime Plant, HS Pumps 1-4 are vertical turbine, Pump 1 is horizontal centrifugal.

Water System: Bonita Springs Utility

PWS ID #: 5360025
Survey Date 05/17/2023

HIGH SERVICE (HSP), BACKWASH (BWP), TRANSFER (TP) and OTHER (OP) PUMPS

Pump Purpose	High Service	High Service	High Service	High Service	High Service	High Service	High Service	High Service	Transfer
Pump Number	1	2	3	4	1	2	3	4	1
Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Turbine	Turbine	Turbine	Turbine	Turbine
Capacity (gpm)	UNK	UNK	UNK	UNK	UNK	UNK	UNK	UNK	UNK
Motor HP	100	100	150	100	UNK	UNK	UNK	UNK	100
Date Installed	1989	1989	1989	1989	2022	2022	2022	2022	UNK

Comments:

Pumps 1-4 are vertical centrifugal. Pumps 1-4 HS Vertical turbine are clearwell. Pumps 1-3 HS Vertical turbine are transfer.

HIGH SERVICE (HSP), BACKWASH (BWP), TRANSFER (TP) and OTHER (OP) PUMPS

Pump Purpose	Transfer	Transfer	Booster	Booster	Booster	Booster	Booster	Booster	Booster
Pump Number	2	3	1	2	3	4	1	2	3
Type	Turbine	Turbine	Centi	Centi	Centi	Centi	Centi	Centi	Centi
Capacity (gpm)	UNK	UNK	UNK	UNK	UNK	UNK	UNK	UNK	UNK
Motor HP	60	60	125	125	60	60	75	30	30
Date Installed	UNK	UNK	1998	1998	1998	1998	2005	2000	2000

Comments:

Pumps 1-3 HS Vertical turbine are transfer. Pumps 1-4 are Three Oaks Booster Station. Pumps 1-3 are Coconut Booster Station.

Water System: Bonita Springs Utility

PWS ID #: 5360025
Survey Date 05/17/2023

HIGH SERVICE (HSP), BACKWASH (BWP), TRANSFER (TP) and OTHER (OP) PUMPS

Pump Purpose	Other	Other	Other	Other					
Pump Number	1	2	1	2					
Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal					
Capacity (gpm)	UNK	UNK	UNK	UNK					
Motor HP	75	75	75	75					
Date Installed	2008	2008	2010	2010					

Comments:

Pumps 1-2 are Windsor Booster Station. Pumps 1-2 are Snell Booster Station.

HIGH SERVICE (HSP), BACKWASH (BWP), TRANSFER (TP) and OTHER (OP) PUMPS

Pump Purpose									
Pump Number									
Type									
Capacity (gpm)									
Motor HP									
Date Installed									

Comments:

Water System: Bonita Springs Utility

PWS ID # 5360025
Survey Date 05/17/2023

GROUND WATER SOURCE

Well Name (System Identification)		well 20	Well 19	Well 18	Well 17 (inactive)
Florida Well ID		AAC4167	AAC4166	AAC4168	AAC4165
Year Drilled		1993	1993	1993	1993
Depth Drilled		114'	110'	101'	100'
Length (outside casing)		91'	82'	78'	73'
Diameter (outside casing)		12"	12"	12"	12"
Is inundation of well possible?		○Yes ◉No	○Yes ◉No	○Yes ◉No	○Yes ◉No
6' X 6' X 4" Concrete Pad		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
PUMP	Type	Submersible	Submersible	Submersible	Submersible
	Rated Capacity (gpm)	1000	1000	1000	1000
	Motor Horsepower	30	30	40	40
Well casing 12" above grade?		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Well Casing Sanitary Seal		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Raw Water Sampling Tap		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Above Ground Check Valve		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Fence/Housing		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Well Vent Protection		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No

COMMENTS:

Well 20: Leak at Clay Valve. Well 19: Raw tap and fixture leaking. Well 18: Generator at well - supplies wells 17, 18, 19, 20 & 21. Well 17: Well is permanently out of service - new well is replacing it.

TREATMENT PROCESSES IN USE:

Chlorination, Coagulation, Flocculation, Sedimentation, Filtration, Cartridge Filter, RO, Aeration, Corrosion Control, Stabilization, and Softening.
Chemicals: Antiscalant, Sodium Hypochlorite, Bleach, Orthophosphate, Ammonium Sulfate, Lime, Polymer, CO_2, and Sodium Hexametaphosphate.

Is additional treatment needed? ○ Yes ◉ No
If so, for control of what deficiencies?

MONITORING VIOLATIONS	MCL VIOLATIONS

MONITORING COMMENTS:

Water System: Bonita Springs Utility

PWS ID # 5360025
Survey Date 05/17/2023

GROUND WATER SOURCE

Well Name (System Identification)		Well 21	Well 24	Well 23	Well 22
Florida Well ID		AAC4164	AAC4163	AAC4162	AAC4161
Year Drilled		1993	1993	1993	1993
Depth Drilled		100'	100'	100'	100'
Length (outside casing)		80'	61'	65'	65'
Diameter (outside casing)		12"	12"	12"	12"
Is inundation of well possible?		○Yes ⊙No	○Yes ⊙No	○Yes ⊙No	○Yes ⊙No
6' X 6' X 4" Concrete Pad		⊙Yes ○No	⊙Yes ○No	⊙Yes ○No	⊙Yes ○No
PUMP	Type	Submersible	Submersible	Submersible	Submersible
	Rated Capacity (gpm)	1000	1000	1000	1000
	Motor Horsepower	30	30	30	30
Well casing 12" above grade?		⊙Yes ○No	⊙Yes ○No	⊙Yes ○No	⊙Yes ○No
Well Casing Sanitary Seal		⊙Yes ○No	⊙Yes ○No	⊙Yes ○No	⊙Yes ○No
Raw Water Sampling Tap		⊙Yes ○No	⊙Yes ○No	⊙Yes ○No	⊙Yes ○No
Above Ground Check Valve		⊙Yes ○No	⊙Yes ○No	⊙Yes ○No	⊙Yes ○No
Fence/Housing		⊙Yes ○No	⊙Yes ○No	⊙Yes ○No	⊙Yes ○No
Well Vent Protection		○Yes ⊙No	○Yes ⊙No	○Yes ⊙No	○Yes ⊙No

COMMENTS:

Well 21: Raw tap is leaking and well vent was missing a screen, Well 24: Well vent screen is missing, Well 23: Well vent screen is missing and raw sample tap is leaking, Well 22: Well vent screen is missing.

Water System: Bonita Springs Utility

PWS ID # 5360025
Survey Date 05/17/2023

GROUND WATER SOURCE

Well Name (System Identification)		Well 26	Well 8	Well 9	Well 27
Florida Well ID		AAG3771	AAG3770	AAG3769	AAG3768
Year Drilled		2002	1979	1979	2002
Depth Drilled		1,063	85'	85'	1,080'
Length (outside casing)		835'	70'	70'	815'
Diameter (outside casing)		14"	8"	8"	16"
Is inundation of well possible?		○Yes ◉No	○Yes ◉No	○Yes ◉No	○Yes ◉No
6' X 6' X 4" Concrete Pad		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
PUMP	Type	Submersible	Submersible	Submersible	Submersible
	Rated Capacity (gpm)	1000	325	325	1000
	Motor Horsepower	75	7.5	7.5	75
Well casing 12" above grade?		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Well Casing Sanitary Seal		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Raw Water Sampling Tap		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Above Ground Check Valve		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Fence/Housing		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Well Vent Protection		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No

COMMENTS:

Well 27: Conduit needs to be fixed.

Water System: Bonita Springs Utility

PWS ID # 5360025
Survey Date 05/17/2023

GROUND WATER SOURCE

Well Name (System Identification)		Well 10	Well 28	Well 12	Well 13
Florida Well ID		AAG3767	AAG3766	AAG3765	AAG3764
Year Drilled		1983	2002	1989	1989
Depth Drilled		90'	1,012'	105'	110'
Length (outside casing)		67'	805'	72'	78'
Diameter (outside casing)		12"	14"	12"	12"
Is inundation of well possible?		○Yes ◉No	○Yes ◉No	○Yes ◉No	○Yes ◉No
6' X 6' X 4" Concrete Pad		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
PUMP	Type	Submersible	Submersible	Submersible	Submersible
	Rated Capacity (gpm)	300	1000	325	325
	Motor Horsepower	10	75	10	10
Well casing 12" above grade?		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Well Casing Sanitary Seal		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Raw Water Sampling Tap		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Above Ground Check Valve		◉Yes ○No	◉Yes ○No	○Yes ◉No	◉Yes ○No
Fence/Housing		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Well Vent Protection		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No

COMMENTS:

Well 28: Conduit needs repair and Well 12: No check valve on well, check valve is on well pump.

Water System: Bonita Springs Utility

PWS ID # 5360025
Survey Date 05/17/2023

GROUND WATER SOURCE

Well Name (System Identification)		Well 16	Well 15	Well 14	Well 30
Florida Well ID		AAG3760	AAG3761	AAG3762	AAN2614
Year Drilled		1989	1989	1989	2013
Depth Drilled		115'	115'	115'	1,120'
Length (outside casing)		85'	85'	80'	900'
Diameter (outside casing)		12"	12"	12"	14"
Is inundation of well possible?		○Yes ◉No	○Yes ◉No	○Yes ◉No	○Yes ◉No
6' X 6' X 4" Concrete Pad		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
PUMP	Type	Submersible	Submersible	Submersible	Submersible
	Rated Capacity (gpm)	350	350	350	1000
	Motor Horsepower	10	10	10	75
Well casing 12" above grade?		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Well Casing Sanitary Seal		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Raw Water Sampling Tap		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Above Ground Check Valve		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Fence/Housing		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Well Vent Protection		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No

COMMENTS:

Well 14: Barbed wire is damaged from hurricane Ian, Well 30: Cracks on well pad.

Water System: Bonita Springs Utility

PWS ID # 5360025
Survey Date 05/17/2023

GROUND WATER SOURCE

Well Name (System Identification)		Well 38	Well 34	Well 32	Well 35
Florida Well ID		AAR2929	AAC2607	AAN2613	AAC2608
Year Drilled		2018	2015	1999	2015
Depth Drilled		1,100'	1,050	701	886
Length (outside casing)		865'	830	650	705
Diameter (outside casing)		14"	14	12"	14"
Is inundation of well possible?		○Yes ⊙No	○Yes ⊙No	○Yes ⊙No	○Yes ⊙No
6' X 6' X 4" Concrete Pad		⊙Yes ○No	⊙Yes ○No	⊙Yes ○No	⊙Yes ○No
PUMP	Type	Submersible	Submersible	Submersible	Submersible
	Rated Capacity (gpm)	700	950	2000	1580
	Motor Horsepower	50	40	125	100
Well casing 12" above grade?		⊙Yes ○No	⊙Yes ○No	⊙Yes ○No	⊙Yes ○No
Well Casing Sanitary Seal		⊙Yes ○No	⊙Yes ○No	⊙Yes ○No	⊙Yes ○No
Raw Water Sampling Tap		⊙Yes ○No	⊙Yes ○No	⊙Yes ○No	⊙Yes ○No
Above Ground Check Valve		⊙Yes ○No	⊙Yes ○No	⊙Yes ○No	⊙Yes ○No
Fence/Housing		⊙Yes ○No	⊙Yes ○No	⊙Yes ○No	⊙Yes ○No
Well Vent Protection		⊙Yes ○No	⊙Yes ○No	⊙Yes ○No	⊙Yes ○No

COMMENTS:

Well 38: 125kW generator at well, out of service at time of inspection. Well 34: Raw water tap needs to be downward facing. Well 32: Missing screens on well vent. Well 35: 125 kW generator at well.

Water System: Bonita Springs Utility

PWS ID # 5360025
Survey Date 05/17/2023

GROUND WATER SOURCE

Well Name (System Identification)		Well 31	Well 37	Well 36	Well 40
Florida Well ID		AAN2612	AAR2931	AAR2930	AAR2928
Year Drilled		2013	2018	2018	2018
Depth Drilled		843'	1,040'	1,100'	1,060'
Length (outside casing)		660'	850'	820'	810'
Diameter (outside casing)		14"	14"	14"	14"
Is inundation of well possible?		○Yes ◉No	○Yes ◉No	○Yes ◉No	○Yes ◉No
6' X 6' X 4" Concrete Pad		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
PUMP	Type	Submersible	Submersible	Submersible	Submersible
	Rated Capacity (gpm)	1000	700	700	700
	Motor Horsepower	75	50	50	50
Well casing 12" above grade?		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Well Casing Sanitary Seal		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Raw Water Sampling Tap		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Above Ground Check Valve		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Fence/Housing		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Well Vent Protection		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No

COMMENTS:

Well 31: Cracks on well pad, 125 kW generator at well. Well 37: 125 kW generator at well.

Water System: Bonita Springs Utility

PWS ID # 5360025
Survey Date 05/17/2023

GROUND WATER SOURCE

Well Name (System Identification)		Well 6	Well 33	Well 5	Well 25
Florida Well ID		AAC4175	AAC2606	AAC4174	AAN2615
Year Drilled		1971	2015	1971	2002
Depth Drilled		80'	1,030'	80'	1,040'
Length (outside casing)		58'	805'	64'	816'
Diameter (outside casing)		8"	14"	8"	14"
Is inundation of well possible?		○Yes ◉No	○Yes ◉No	○Yes ◉No	○Yes ◉No
6' X 6' X 4" Concrete Pad		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
PUMP	Type	Submersible	Submersible	Submersible	Submersible
	Rated Capacity (gpm)	225	1000	225	1000
	Motor Horsepower	5	40	10	75
Well casing 12" above grade?		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Well Casing Sanitary Seal		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Raw Water Sampling Tap		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Above Ground Check Valve		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Fence/Housing		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No
Well Vent Protection		◉Yes ○No	◉Yes ○No	◉Yes ○No	◉Yes ○No

COMMENTS:

Well 6 was Out of Service at time of inspection. Well 33: Well vent is broken, ARV needs to be replaced, and raw tap needs to be downward facing.

Water System: Bonita Springs Utility

PWS ID # 5360025
Survey Date 05/17/2023

GROUND WATER SOURCE

Well Name (System Identification)		Well 29	Well 11		
Florida Well ID		AAG3763	AAC4176		
Year Drilled		2002	1983		
Depth Drilled		1,063'	97'		
Length (outside casing)		841'	67'		
Diameter (outside casing)		14"	12"		
Is inundation of well possible?		○Yes ◉No	○Yes ◉No	○Yes ○No	○Yes ○No
6' X 6' X 4" Concrete Pad		◉Yes ○No	◉Yes ○No	○Yes ○No	○Yes ○No
PUMP	Type	Submersible	Submersible		
	Rated Capacity (gpm)	1000	350		
	Motor Horsepower	75	15		
Well casing 12" above grade?		◉Yes ○No	◉Yes ○No	○Yes ○No	○Yes ○No
Well Casing Sanitary Seal		◉Yes ○No	◉Yes ○No	○Yes ○No	○Yes ○No
Raw Water Sampling Tap		◉Yes ○No	◉Yes ○No	○Yes ○No	○Yes ○No
Above Ground Check Valve		◉Yes ○No	◉Yes ○No	○Yes ○No	○Yes ○No
Fence/Housing		◉Yes ○No	◉Yes ○No	○Yes ○No	○Yes ○No
Well Vent Protection		◉Yes ○No	◉Yes ○No	○Yes ○No	○Yes ○No

COMMENTS:

Well 29: Conduit needs repair and cracks in the well pad.

Water System: Bonita Springs Utility

PWS ID # 5360025
Survey Date 05/17/2023

DEFICIENCIES:

Deficiency	Rule Reference	Corrective Action	Severity	Corrected
Wells 21, 24, 23, 22, and 32 are missing screen on well vent.	62-555.320(8)(c) F.A.C.	Provide a well vent that is at least 12 inches above well pad in a down turned position above the top of the casing and covered by a 24 mesh, corrosion resistant screen.	Minor	Yes
Wells 29, 28, and 27 conduits need fixing. Wells 21, 23 and 19 have leaking raw sample taps. Well 20 had a clay valve leaking.	62-555.350(2) F.A.C.	Adequately seal electrical conduit at wells. Repair leaks and/or taps.	Minor	Yes
All ground storage tanks are due for inspection and cleaning and inspection in 2023	62-555.350(2) F.A.C.	Finished-drinking-water storage tanks, shall be cleaned at least once every five years to remove biogrowths, calcium or iron/manganese deposits, and sludge from inside the tanks; and shall be inspected for structural and coating integrity at least once every five years by personnel under the responsible charge of a professional engineer licensed in Florida. Dead-end water mains conveying. Submit report showing BOTH tank cleaning and inspection of the tanks.	Minor	
Wells 29, 31, and 30 have cracks in the well pad. 125kW generator at well 38, out of service at time of inspection	62-555.350(2) F.A.C.	Repair the crack(s) or clean & properly maintain. Submit photos or repair to the department. Repair the generator and notify the Department when generator is back online.	Minor	
Damaged barbed wire on well 14 and 17. Well 30 has gap at bottom of fence.	62-555.320(5) F.A.C.	Please fix barbed wire and fill hole with gravel. Submit photos or repair to the department.	Minor	
Wells 34 & 33, raw sample tap needs to be downward facing.	62-555.320(8)(b)2 F.A.C.	Please turn sample taps to downward facing. Submit photos or repair to the department.	Minor	Yes
Well 17 needs to be properly abandoned and the new well that is replacing it needs to be permitted. Well 6 was Out of Service at time of inspection	62-532.500(5) and 40D-3.531 F.A.C. 62-555.315(6) F.A.C	Please submit well abandonment application to SWFWMD, submit the permit to DEP, properly abandon the wells and submit photos of abandoned wells to DEP. Bacteriological samples report required before well is placed back online.	Minor	
Leak at High Service Pump and at Snell Booster station. See photo	62-555.350(2) F.A.C.	Please repair leak. Submit photos or repair to the department.	Minor	

Any deficiency marked with an asterisk (*) is a repeat violation.

ADDITIONAL COMMENTS:

Inspector: Vanessa Kraft Digitally signed by Vanessa Kraft Date: 2023.07.25 11:30:19 -04'00'

Approved by: Dessy Owiti Digitally signed by Dessy Owiti Date: 2023.07.25 11:55:52 -04'00'

I certify that these photos represent the true
on-site conditions observed
and have not been altered in any way.

Vanessa Kraft

Bonita Springs Utility (5360025)
Photos by Vanessa Kraft on 05/17/2023

Photo 1: View of leak at well.

Photo 2: View of well.

Photo 3: View of well not properly abandoned.

Photo 4: View of leak at raw sample tap at well.

Photo 5: View of missing screen on well vent.

Photo 6: View of missing screen on well vent.

Photo 7: View of missing screen on well vent.

Photo 8: View of leak at raw sample tap.

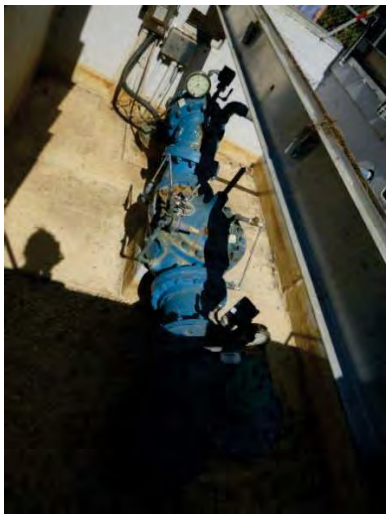


Photo 9: View of well.

Photo 10: View of missing screen on well vent.

Photo 11: View of well.

Photo 12: View of conduit not on properly.

Photo 13: View of missing conduit.

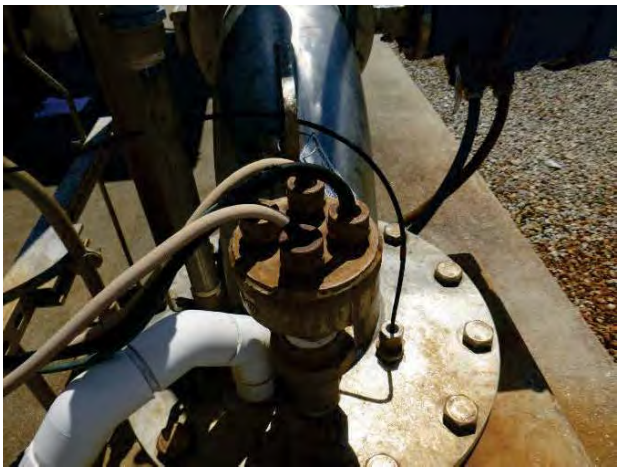


Photo 14: View of missing conduit.

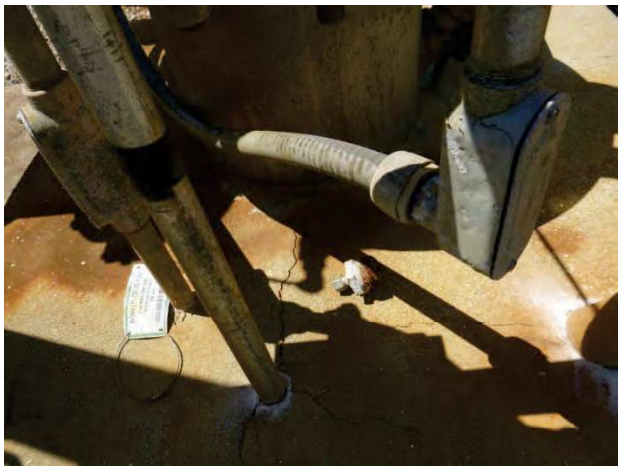


Photo 15: View of cracks in the well pad.

Photo 16: Continued view of the cracks in pad.

Photo 17: View of cracks in the well pad.

Photo 18: View of large gap under fence at well.

Photo 19: View of well.

Photo 20: View of raw sample tap not downward facing.

Photo 21: View of ARV not screened.

Photo 22: View of HS pumps at Three Oaks Booster.

Photo 23: View of GST at Three Oaks Booster.

Photo 24: View of cracks in well pad.

Photo 25: Continued view of cracks in the well pad.

Photo 26: View of well.

Photo 27: View of GST at Coconut Booster.

Photo 28: View of HS pumps at Coconut Booster.

Photo 29: View of leak at Pump 1 at Coconut Booster.

Photo 30: View of GST at Windsor Booster.

Photo 31: View of HS Pumps at Windsor Booster.

Photo 32: View of GST at Snell Booster.

Photo 33: View of HS Pumps at Snell Booster.

Photo 34: View of Dual Media Filters.

Photo 35: View of RO Trains.

Photo 36: View of leak at RO membrane.

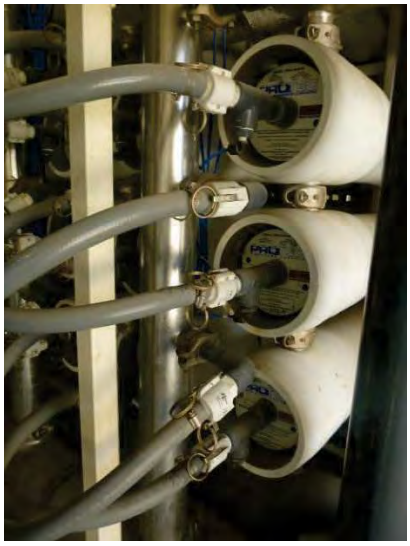


Photo 37: View of leak at RO Membrane.

Photo 38: View of leak at RO Membrane.

Photo 39: View of Sand Filters.

Photo 40: View of HS pumps for Lime Plant.

Photo 41: View of Degassifer.

Photo 42: View of Degassifer.

Photo 43: View of first and third Clarifier and lime silo.

Photo 44: View of second Clarifier.

Photo 45: View of backwash recovery basin and biofilter.

Photo 46: View of filters

Photo 48: View of filter room.

Photo 49: View of Hexametaphosphate tank.

Photo 50: View of Orthophosphate tank.

Photo 51: View of Polyacrylamide polymer tank.

Photo 52: View of filters.

Photo 53: View of filters.

Photo 54: View of Ammonia tanks.

Photo 55: View of CO2 Tank.

Photo 56: View of Chlorine Tank.

Photo 57: View of Chlorine Tanks.

Photo 58: View of Antiscalant tanks.

Photo 59: View of Degassifers.

Photo 60: View of clearwell and HS Pumps.

Photo 61: View of HS Pumps on top of clearwell.

Photo 62: View of HS Pumps on top of clearwell.

Photo 63: View of Sodium Chloride Salt Crystal tank.

Photo 64: View of Chlorine tanks.

Photo 65: View of GST onsite.

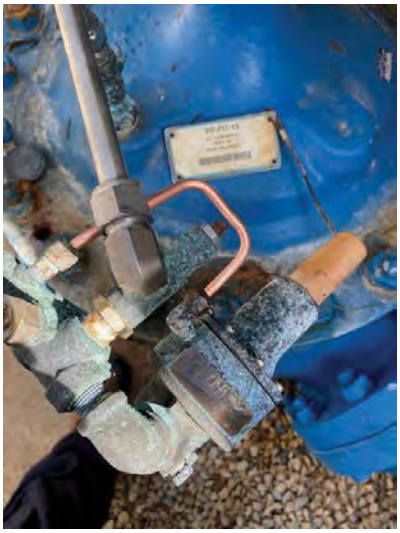
Photo 66: View of GST onsite.

Photo 67: View of GST onsite.

Photo 68: View of HS Pump room.

Photo 69: View of HS Pump room.

CORRECTED PHOTOS:

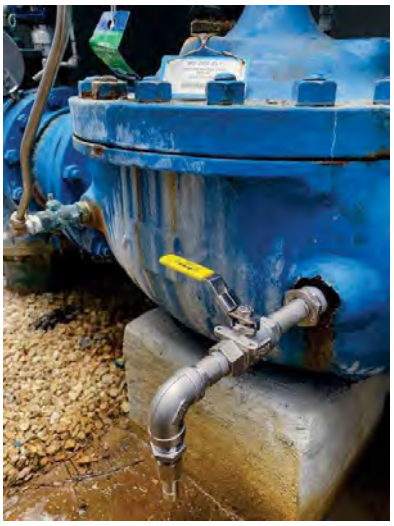


Leak fixed of Well 19, repaired sample line.

Leak fixed at well 20, clay valve was leaking.

New sample tap on well 21.

Well vwnt screened on well 22.



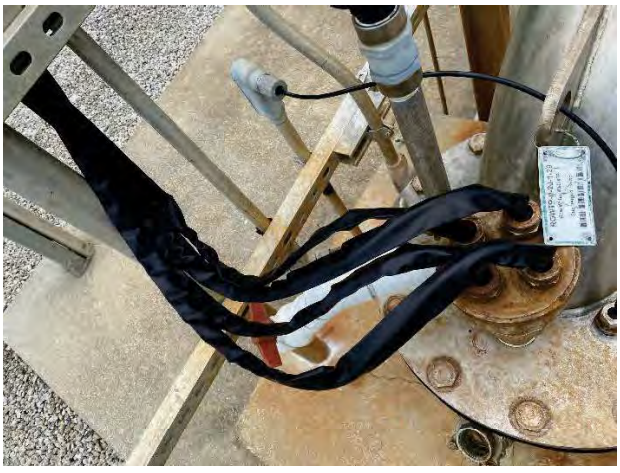
New sample tap on well 23.

Well vent screened on well 23.

Well vent screened on well 24.

Conduit fixed at well 27.

Conduit fixed at well 28.



Conduit fixed at well 29.

Conduit fixed at well 30.

Gravel fixed at hole in fence at well 30.

ARV screened at well 32.

ARV screened at well 32.

Raw sample tap downward facing at well 33.

Raw sample tap downward facing at well 34.

Bonita Springs Utilities, Inc.

August 30, 2023

Vanessa Kraft
Environmental Specialist II
South District Office
2295 Victoria Ave. Suite 364
P.O. Box 2549
Fort Myers, FL 33902-2549

Subject: Response to the Compliance Assistance Offer (CAO) dated August 1, 2023 regarding the Sanitary Survey inspection of our Bonita springs Utility Water Treatment Plant on May 17-18, 2023, PWS ID No. 5360025

Dear Ms. Kraft:

This correspondence relates to a Compliance Assistance Offer letter issued by the South District of the Florida Department of Environmental Protection (FDEP) to Bonita Springs Utilities, Inc. (BSU) on August 1, 2023. The offer letter originated from a Sanitary Survey Inspection on May 17-18, 2023.

Deficiency summary item for -Storage tanks maintenance. All Ground Storage tanks are due for inspection in 2023

Rule/Permit Reference: 62-555.350(2)

BSU has entertained bids and has selected a contractor to Clean, Inspect and Certify the (3) 2-Mgal GST's at the WTP, and the (4) remote Booster station GST's. Indepth Services mobilized on 8/28/2023, working here now, and we will coordinate to get all tanks completed by early-September, and all reports deliverable by October 2023.

Deficiency summary item for -Wellhead maintenance. Wells 29, 30 and 31 have cracks in the well pad. Well 38 generator was out of service during inspection, repair and notify department when back on-line.

Rule/Permit Reference: 62-555.350(2)

BSU has entertained bids, and has selected a contractor to Inspect and repair the well pedestals for wells 29-31, to restore integrity. Tru Spec Mechanical Services is scheduled to mobilize

8/30/2023 (they are there). BSU will coordinate to get these repairs completed in early September, and we will send pictures of the repairs once completed.

All BSU auxiliary power generators are in service and functioning as designed, including the generator that would ultimately provide power to Well 38.

Deficiency Summary item for Facility Site Review – Wells 14 and 19 had barbed wire arrays damaged by Hurricane Ian. Well 17 had fencing separated for construction. Well 30 has gap at the bottom of fence.

Rule/Permit Reference: 62-555.320(5)

Fencing has been secured at Wells 14 and 19 including all barbed wire arrays [pictures 1 and 2 attached]. Well 17 fencing has been re-connected, and gate re-aligned [picture 3 attached]. Well 30 has had 57-stone gravel placed to raise the ground surface to meet the bottom fence wire [picture 4 attached].

Deficiency Summary item for Wellfield Management – Well 17 needs to be properly abandoned, and the new well replacing it needs to be permitted.

Rule/Permit Reference: 62-532.500(5) and 40D-3.531 F.A.C.

Well 17 construction and abandonment documentation [5-attached]. The fencing and gate is secure, in the process of contracting new construction for the well containment shelter. Will send pictures when completed.

Deficiency Summary item for Wellfield Management – Well 6 was Out of Service at time of inspection.

Rule/Permit Reference: 62-555.315(6)

Well 6 is a small well that we intend to rehabilitate, and will clear it for use bacteriologically before returning to service.

Deficiency Summary for Pump Maintenance – 1) Coconut Booster station pump # 1 had a leaking seal. 2) WTP High Service Pump # 3 had a slight drip from packing gland. 3) Snell CLA-valve poppitt-valve relieving from top of diaphragm control tubing.

Rule/Permit Reference: 62-555.350(2)

1) Coconut booster pump # 1 mechanical seal and check valve flange face have been repaired [picture 6 attached].

Bonita Springs Utilities, Inc.

2) Tightened WTP Horizontal split-case HSP # 3 packing gland bolts to stop the drip. Will changeout / add more packing if drip returns. [picture 7 attached]

3) Still awaiting Snell CLA-valve poppitt-valve to regulate the relief of control tubing pressure. We have been able to adjust it effectively to stop the leaking until replaced [picture 8 attached].

Any other deficiency items noted were addressed preemptively, or did not require any further action.

Please let us know if the information provided with this response letter helps the Department in resolving this matter and if any additional information is needed please let us know.

Sincerely,

Andy Koebel
Director of Operations
Bonita Springs Utilities, Inc.

cc: Don Woodruff – BSU
David Rodriguez – BSU
Kim Hoskins – BSU

Bonita Springs
Utilities, Inc.
992-0711
WELL #14

TOW AWAY
7 DAYS A WEEK
ZONE
24 HRS A DAY
UNAUTHORIZED VEHICLES & VESSELS WILL BE TOWED AT OWNERS EXPENSE
G & C TOWING
239-947-1555
FL. ST. STATS. 715.07 713.78
WARNING!
TAMPERING WITH THIS FACILITY IS A FEDERAL OFFENSE!
239-992-0711
¡ADVIRTIENDO!
MANOSEANDO CON ESTE FACILIDAD ES UNA OFENSA FEDERAL!
239-992-0711

May 06, 2022

CERTIFIED MAIL NO: 7021 2720 0002 9624 8608
RETURN RECEIPT REQUESTED

In the Matter of an Application
For Permit by:

PWS ID NO.: 5360025

Ms. Kim Hoskins, P.E.
11900 E. Terry Street
Bonita Springs, FL 34135

Project: Bonita Springs Utilities, Inc. – Replacement Production Well 17R

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number 0124869-608 WC. The purpose of this project is to implement the construction of new replacement production well 17R to replace collapsed production well 17. This project includes a new replacement production well 17R located approximately 20-LF south of the abandoned well 17; the new well will have a diameter of 12" and will be cased to 75' below land surface and drilled to a depth 105'.

The project is located within the Bonita Springs, Florida. All construction and piping accessories shall be built pursuant to Sections 403.087 and 403.861 Florida Statutes.

This permit is final and effective on the date filed with the clerk of the Department unless a petition is filed in accordance with the paragraphs below or unless a request for extension of time in which to file a petition is filed within the required timeframe and conforms to Rule 62-110.106(4), F.A.C. Upon timely filing of a petition or a request for an extension, this permit will not be effective until further Order of the Department.

A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing)in accordance with sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) with the Agency Clerk for the Department of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, within 14 days of receipt of this Notice.

Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-106.205, F.A.C.

A Petition must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;
(b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
(c) A statement of how and when the petitioner received notice of the agency decision;
(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
(e) A concise statement of the ultimate facts alleged, including the specific facts which petitioner contends warrant reversal or modification of the Department's action;
(f) A statement of the specific rules or statutes the petitioner contends requires reversal or modification of the Department's action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
(g) A statement of the relief sought by petitioner, stating precisely the action that the petitioner wants the Department to take.

A petition that does not dispute the materials facts on which the Department's action is based shall state that no such facts are in dispute and otherwise contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any such final decision of the Department on the petition have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to section 120.68 of the Florida Statutes, by filing a Notice of Appeal pursuant to Rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000; and by filing

a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when the final order is filed with the Clerk of the Department.

Executed in Fort Myers, Florida

Paul Penumudi, PE

Digitally signed by Paul Penumudi, PE
DN: CN="Paul Penumudi, PE", E=paul.penumudi@flhealth.gov
Reason: I have reviewed this document
Location: your signing location here
Date: 2022-05-04 15:20:58
Foxit Reader Version: 9.7.1

Paul B. Penumudi, P.E.
Professional Engineer II

Digitally signed by Angela M. Smith
Date: 2022.05.05 11:01:10 -04'00'

Angela M. Smith, B.S., M.H.A.
County Health Department Administrator

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on 5-6-22 to the listed persons.

FILED, this date, under section 120.52(7), Florida Statutes, with the designated department clerk, receipt of which is hereby acknowledged.

Dina Goulet
Clerk

5-6-22
Date

PBP/re

cc: Omar Rodriguez, P.E., P.G., RMA Geologic Consultants, Inc.

May 06, 2022

PERMITTEE:
Kim Hoskins, P.E.
Bonita Springs Utilities, Inc.
11900 E. Terry Street
Bonita Springs, FL 34135

ID No.: 5360025
Permit/Cert. No.: 0124869-608 WC
Date of Issue: 05/06/2022
Expiration Date: 05/05/2027
County: Lee
Project: Bonita Springs Utilities, Inc. - Replacement Production Well 17R

This Permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Rules 62-4, 62-550 and 62-555. The above named Permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the Florida Department of Health Lee County, Environmental Engineering, hereafter known as the Department and made a part hereof and specifically described as follows:

The purpose of this project is to replace a collapsed well 17 with a new production well 17R ; well 17R will be located approximately 20-LF south of the abandoned well 17 and will have a diameter of 12". The new well will be cased to 75' below land surface and drilled to a depth 105'.

This project will be constructed according to engineering plan prepared by RMA Geologic Consultants, signed and sealed on April 05, 2022. The application and documentation was received on April 06, 2022.

The project is located within Bonita Springs, Florida.

This Permit includes the appurtenances and accessories but not other unrelated construction.

GENERAL CONDITIONS:

The permittee shall be aware of and operate under the Permit Conditions below. These applicable conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes. [F.A.C. Rule 62-555.533(1)]

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in this permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times (reasonable time may depend on the nature of the concern being investigated), access to the premises where the permitted activity is located or conducted to:

    a. Have access to and copy any records that must be kept under conditions of the permit;
    b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
    c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

    a. A description of and cause of noncompliance; and
    b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.

11. This permit is transferable only upon Department approval in accordance with Rule 62- 4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

    a. Determination of Best Available Control Technology (BACT)
    b. Determination of Prevention of Significant Deterioration (PSD)
    c. Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
    d. Compliance with New Source Performance Standards

14. The permittee shall comply with the following:

    a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
    b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
    c. Records of monitoring information shall include:
        i. the date, exact place, and time of sampling or measurements;
        ii. the person responsible for performing the sampling or measurements;
        iii. the dates analyses were performed;
        iv. the person responsible for performing the analyses;
        v. the analytical techniques or methods used;
        vi. the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SPECIFIC CONDITIONS:

Regulatory Section:

1. All construction must be in accordance with this permit. Before commencing work on project changes for which a construction permit modification is required per 62-555.536(1), the permittee shall submit to the Department a written request for a permit modification. Each such request shall be accompanied by one copy of a revised construction permit application, the proper processing fee and one copy of either a revised preliminary design report or revised drawings, specifications and design data. [F.A.C. Rule 62-555.536].

2. Permitted construction or alteration of public water supply systems must be supervised during construction by a professional engineer registered in the State of Florida if the project was designed under the responsible charge of a professional engineer licensed in the State of Florida. The permittee must retain the service of a professional engineer registered in the State of Florida to observe that construction of the project is in accordance with the engineering plans and specifications as submitted in support of the application for this permit. [F.A.C. Rule 62-555.520(3)].

3. If prehistoric or historic artifacts, such as pottery or ceramics, stone tools or metal implements, dugout canoe remains, or any other physical remains that could be associated with Native American cultures, or early colonial or American settlement are encountered at any time within the project site area, the permitted project should cease all activities involving subsurface disturbance in the immediate vicinity of such discoveries. The permittee, or other designee, should contact the Florida Department of State, Division of Historical Resources, Compliance and Review Section at 850.245.6333 or 800.847.7278, as well as the appropriate permitting agency office. Project activities should not resume without verbal and/or written authorization from the Division of Historical Resources and the permitting agency. In the event that unmarked human remains are encountered during permitted activities, all work shall stop immediately and the proper authorities notified in accordance with Section 872.05, *Florida Statutes*.

4. If delays will cause project completion to extend beyond the expiration date of this permit, the permittee shall submit to the Department a request to extend the expiration date of this permit including the appropriate processing fee. This request shall specify the reasons for the delay and shall be submitted to the Department for approval prior to the expiration date of this permit. Note that no specific construction permit shall be extended so as to remain in effect longer than five years. [F.A.C. Rule 62-555.536(4)].

5. In accordance with General Condition #11 of this permit, this permit is transferable only upon Department approval. Persons proposing to transfer this permit must apply jointly for a transfer of the permit within 30 days after the sale or legal transfer of ownership of the permitted project that has not been cleared for service by the Department using form, 62-555.900(8), Application for Transfer of a PWS Construction Permit along with the appropriate fee. [F.A.C. Rule 62-555.536(5)]

6. This permit satisfies Drinking Water permitting requirements only and does not authorize construction or operation of this facility prior to obtaining all other necessary permits from other program areas within the Department, or required permits from other state, federal, or local agencies.

7. If gasoline contamination is found at the construction site, work shall be stopped and the proper authorities notified. With the approval of the Department, ductile iron pipe and fittings, and solvent

resistant gaskets materials shall be used in the contaminated area. The ductile pipe shall be used in the contaminated area. The ductile iron pipe shall extend 100 feet beyond any solvent noted. Any contaminated soil that is excavated shall be placed on an impermeable mat, covered with waterproof covering, and held for disposal. If the site cannot be properly cleaned, then consultation with the Department is necessary prior to continuing with the project construction.

8. This permit does not constitute approval of construction on jurisdictional wetland areas; therefore such approval must be obtained separately from the Water Management District or from DEP ERP Section, as applicable, Permittee shall provide a copy of the permit approval to the Department if water main installation involves activities on wetlands.

9. Suppliers of water shall notify the appropriate DEP District Office or ACHD and affected water customers by no later than the previous business day before initiating any planned permanent or temporary conversion from free chlorine to chloramines or vice versa for disinfection. [F.A.C. Rule 62-555.350(10)(c)]

10. Permittee shall ensure that the well and drinking water treatment facilities will be protected to prevent tampering, vandalism, and sabotage as required by Rule 62-555.315(1) & 62-555.320(5), F.A.C.

11. Prior to placing a new well into service, Bonita Springs Utilities shall obtain written approval from Florida Department of Health of a wellhead protection plan prepared in accordance with Section 3.2.3.2 and 3.2.3.3 of the "Recommended Standards for Water Works". Adopted by reference in Rule 62-555.330(3), F.A.C.

12. Prior to placing a new well into service, Bonita Springs Utilities shall obtain analysis results for Primary and Secondary Inorganic, Radionuclides, SOCs and VOCs contaminants for the new well.

13. Wellhead shall be enclosed by fences with lockable access gates, housed in lockable buildings or enclosures, or otherwise protected against tampering, vandalism and sabotage.

14. Auxiliary power is provided in accordance with Rule 62-555.320 (14), F.A.C

CONSTRUCTION STANDARDS:

1. All products, including paints, which shall come into contact with potable water, either directly or indirectly, shall conform with National Sanitation Foundation (NSF) International, Water Chemicals Codex, Food Chemicals Codex, American Water Works Association (AWWA) Standards and the Food and Drug Administration, as provided in Rule 62-555.320(3), F.A.C.

2. Water supply facilities, including mains, pipe, fittings, valves, fire hydrants and other materials shall be installed in accordance with the latest applicable AWWA Standards and Department rules and regulations. The system shall be pressure and leak tested in accordance with AWWA Standard C600 C603, or C605, as applicable, and disinfected in accordance with AWWA Standard C651-653, as well as in accordance with Rule 62-555.340, F.A.C.

3. The installation or repairs of any public water system, or any plumbing in residential or nonresidential facilities providing water for human consumption, which is connected to a public water system shall be lead free in accordance with Rule 62-555.322, F.A.C.

4. When any existing asbestos cement (AC) pipes are replaced under this permit, the permittee shall do so in accordance with the applicable rules of Federal Asbestos Regulation and Florida DEP requirements. For specific requirements applicable to AC pipes, the permittee should contact Air and Waste Management section managers prior to commencing any such activities at (239) 344-5600. Please be aware that notification is required to be submitted to the Department for a regulated project.

5. Setback distances between potable water wells and sanitary hazards shall be in accordance with 62-555.312, F.A.C. Reclaimed water land application areas must not be located within the setback distance from potable water supply wells established in Chapter 62-610, F.A.C.

6. Permittee shall maintain vertical clearance and horizontal separation between water mains and sanitary sewers, storm sewers, etc. unless approved otherwise by the Department, as provided in Rule 62-555.314, F.A.C., and Section 8.6 of *Recommended Standards for Water Works*, a manual adopted by reference in Rule 62-555.330(3), F.A.C.

7. The new or altered aboveground piping at the drinking water treatment plant shall be color coded and labeled as recommended in Section 2.14 of "Recommended Standards for Water Works, 1997 Edition". [F.A.C. Rule 62-555.320(10)]

8. Permittee shall ensure that there shall be no cross-connection with any non-potable water source in accordance with Rule 62-555.360, F.A.C.

OPERATIONAL REQUIREMENTS:

1. The supplier of water shall operate and maintain the public water system so as to comply with applicable standards in F.A.C. Rule 62-550 and 62-555.350.

2. The permittee shall have complete record drawings produced for the project in accordance with Rule 62-555.530(4), F.A.C.

3. The permittee or suppliers of water shall telephone the State Warning Point (SWP), at 1-800-320-0519 immediately (i.e., within two hours) after discovery of any actual or suspected sabotage or security breach, or any suspicious incident, involving a public water system in accordance with the F.A.C. Rule 62-555.350(10).

MONITORING PROVISIONS:

1. Permittee shall follow the guidelines of Chapters 62-550, 62-555, and 62-560, F.A.C., regarding public drinking water system standards, monitoring, reporting, permitting, construction, and operation.

   This facility is a Community Water System as defined in F.A.C. Rule 62-550.200(12) and shall comply with the applicable chemical, radiological, lead and copper and bacteriological monitoring requirements of F.A.C. Rule 62-550. Such requirements shall initiated within the year quarter that the water treatment is placed into service and the results submitted to the Department.

2. The water treatment plant shall maintain throughout the distribution system a minimum continuous and effective total chlorine residual of 0.6 mg/L or its equivalent. A minimum system pressure of 20 psi must be maintained throughout the system. Also, safety equipment shall be provided and located outside of chlorine room.

CLEARANCE REQUIREMENTS:

1. The permittee must instruct the engineer of record to request system clearance from the Department within sixty (60) days of completion of construction, testing and disinfecting the system. Bacteriological test results shall be considered unacceptable if the test were completed more than 60 days before the Department received the results. [F.A.C. Rule 62-555.340(2)(c)]

   Permitted construction or alteration of a public water system may not be placed into service until a letter of clearance has been issued by this Department. [F.A.C. Rule 62-555.345]

2. Prior to placing this project into service, Permittee shall submit, at a minimum, all of the following to the Department for evaluation and approval for operation, as provided in Rules 62-555.340 and 62-555.345, F.A.C.:

   a. the engineer's *Certification of Construction Completion and Request for Clearance to Place Permitted PWS Components Into Operation* {DEP Form 62-555.900(9)};
   b. certified record drawings, if there are any changes noted for the permitted project.
   c. copy of a satisfactory pressure test of the process piping performed in accordance with AWWA Standards. [F.A.C. Rule 62-555.320(21)(a)(1)]
   d. two consecutive days of satisfactory distribution bacteriological analytical results (see paragraph 3 below).
   e. 10 satisfactory bacteriological analysis results performed on the raw water to be taken 10 consecutive weekdays, or taken twice a day, 6 hours apart for 5 consecutive weekdays;
   f. satisfactory chemical clearance, to include Primary Inorganic Contaminants, Secondary Contaminants, Volatile Organic Contaminants (VOCs), Synthetic Organic Contaminants (SOCs, aka Pesticides and PCBs), Radionuclides (Gross Alpha, Radium-226, Radium-228, Uranium), Alkalinity, Dissolved Iron, Dissolved Oxygen, pH, Total Sulfide, and Turbidity results from a certified laboratory.

In order to facilitate the issuance of a letter of clearance, the Department requests that all of the above information be submitted as one package.

3. The new facilities shall be cleaned, disinfected, and bacteriologically cleared in accordance with Chapter 62-555, F.A.C. The bacteriological clearance data representative of the storage tank (two samples on consecutive days), the well discharge piping and distribution system (in accordance with the instructions for Bacteriological Sampling Locations shown below) and the untreated well water (two samples per day for 5 consecutive days collected at least six hours apart for each of the two wells) shall be submitted to the Department with the engineer's certification of construction completion. [Section 62-555.340 and 62-555.315(6)(b), F.A.C.]

Issued the 06th of May, 2022

Paul Penumudi, PE

Digitally signed by Paul Penumudi, PE
DN: CN="Paul Penumudi, PE", E=paul.penumudi@flhealth.gov
Reason: I have reviewed this document
Location: your signing location here
Date: 2022-05-04 15:20:17
Foxit Reader Version: 9.7.1

Paul B. Penumudi, P.E.
Professional Engineer II

Digitally signed by Angela M. Smith
Date: 2022.05.05 11:00:41 -04'00'

Angela M. Smith, B.S., M.H.A.
Administrator, Department of Health in Lee County

PBP/re

cc: Omar Rodriguez, P.E., P.G., RMA Geologic Consultants, Inc.

HAND OFF REMOTE
PUMP

FLORIDA DEPARTMENT OF Environmental Protection

South District
PO Box 2549
Fort Myers FL 33902-2549
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Alexis A. Lambert
Secretary

May 14, 2025

Brian Farrar, Vice President
Bonita Springs Utilities, Inc.
22190 Fairmount Ct
Estero, Florida 33928

Re: In Compliance Letter
Bonita Springs Utilities
Facility ID: 5360025
Lee County-PW

Dear Mr. Farrar:

Department personnel conducted a Sanitary Survey Compliance Inspection of the above-referenced drinking water facility on **May 1, 2025**. Based on the information provided during the inspection, the facility was determined to be in compliance. A copy of the inspection report is attached for your records and any non-compliance items which may have been identified at the time of the inspection have been corrected.

The department appreciates your compliance efforts. Should you have any questions or comments, please contact **Megan Torres** at **239-344-5670** or via email at **Megan.Torres@FloridaDEP.gov**.

Sincerely,

Megan Dague
Environmental Manager
South District
Florida Department of Environmental Protection

Enclosures: Inspection Report

cc: David Rodriguez, DRodriguez@bsu.us
Donald Woodruff, Dwoodruff@bsu.us
Valerie Villanueva, vvillanueva@bsu.us

Florida Department of Environmental Protection

South District Public Water System Sanitary Survey Inspection Report

Water system: Bonita Springs Utilities - Reverse Osmosis WTP	**System PWS #:** 5360025-02	**Survey date:** 5/1/2025
Facility type class: Community - (1A)	Source type: Ground	4-Log approved: Yes
Facility address: 11860 East Terry Street Bonita Springs, Florida 34135		
Facility phone(s): 239-992-0711	Facility email/fax:	
Facility contact: Donald Woodruff	Facility contact phone(s): 239-495-4260	
Facility contact email/fax: Dwoodruff@bsu.us		
Owner name: Brian Farrar, Vice President	Company name: Bonita Springs Utilities Inc	
Owner/Corp address: 22190 Fairmount Ct	City: Estero	State: FL Zip: 33928
Owner/Corp phone(s):	Owner e-contact(s):	
Operator name: David Rodriguez	Certification: A-7880	
Operator phone(s): 239-390-4823	Operator email/fax: DRodriguez@bsu.us	
On-site Rep: David Rodriguez	**Immediate Action Required?** No	Inspection recap given? Yes

GENERAL INFORMATION

Number of Service Connections 30,413
Population Served 76,033
Plant Design Capacity 19,060,000 GPD
Average Day (from MORs) 6,021,748 GPD
Max. Day (from MORs) 8,000,000 GPD
Total Storage Capacity 13,000,000 gals
Comments:
2nd plant: Reverse Osmosis
Plant Design Capacity and total storage capacity includes Lime Plant.

OPERATION & MAINTENANCE

Certified Operator: ◉Yes ○No ○Not required
Plant visits conducted by:
O&M Log: ○Yes ○No O&M Manual: ○Yes ○No
Visitation Frequency
Hrs/day: *Required* *Actual*
Hrs/wk: *Required* *Actual*
Days/wk: *Required* *Actual*
Non-consecutive Days? ○Yes ○No ○N/A
MORs submitted regularly? ○Yes ○No ○N/A
Data missing from MORs? ○Yes ○No ○N/A

CHLORINATION (Disinfection)

Type:
Capacity Unit ○Total ○Each
Chlorine Feed Rate
Avg. Amount of Cl_2 gas used
Chlorine Residuals: Plant Remote
Remote tap location
Injection Points
Booster Pump Info
Comments:

AERATION (Gases, Fe, & Mn Removal)

Type Degasifier Conventional Capacity 6.52 MG
Aerator Condition Good
Visible Algae Growth ○Yes ◉No
Protective Screen Condition Good
Comments:
1 new degassifier + 1 new biological odor control tower

RAW WATER SOURCE

☐ GROUND; Number of Wells
☐ SURFACE/UDI; Source
☐ PURCHASED from PWS ID #
☐ Emergency Water Source
Emergency Water Capacity

AUXILIARY POWER SOURCE

○Yes ○None ○Not Required
Source
Capacity of Standby (kW)
Switchover: ○Automatic ○Manual
Standby Plan: ○Yes ○No
Hrs Operated Under Load
What equipment does it operate?
☐ Well pumps
☐ High Service Pumps
☐ Treatment Equipment
Satisfy 1/2 max-day demand? ○Yes ○No ○Unk
Comments:

DISTRIBUTION SYSTEM

Flow Measuring Device
Meter Size & Type
Meter tested w/i 5 yrs? ○Yes ○No ○Unk ○N/A
Backflow Prevention : ○Yes ○No
Cross-connections
Cross-connection Control Program: ○Yes ○No ○N/A
Coliform Sampling Plan: ○Yes ○No
Stage 2 DBPs Sampling Plan: ○Yes ○No ○N/A
Lead & Copper Sampling Plan: ○Yes ○No ○N/A
Comments:

SERVICE AREA CHARACTERISTICS:

Food Service: ○Yes ○No ◉N/A

Water System: Bonita Springs Utilities -

PWS ID # 5360025-02
Survey Date 5/1/2025

OTHER TASTE/ODOR CONTROL PROCESSES
Explain:

AMMONIATION
Capacity _____ (gal) Injection Points_____
Comments:

CORROSION CONTROL
Capacity _____ (gal) Injection Points_____
Chemicals Used_____
Comments:

COAGULATION (Turbidity Removal)
Chemicals Used_____
Is settling OK? ○ Yes ○ No
Comments:

SOFTENING (Ca/Mg Hardness Removal)

Chemical Precipitation Process:
Chemicals Used:

Is settling OK? ○ Yes ○ No
Excessive carry-over? ○ Yes ○ No
Secondary Precipitation ○ Yes ○ No
Recarbonation Type_____
Sludge Recirculation Used ○ Yes ○ No
Comments:

Ion Exchange Process:
Capacity _____ (gal)
Grade of Salt for Regeneration _____
Backwash Effluent Destination _____
Comments:

STABILIZATION
Effluent S.I. _____
Is pH control done? ○ Yes ○ No
Chemical Used _____
Injection Point _____
pH Range of Effluent _____

SUBPART H/UDI TURBIDITY METERS
Each filter has a turbidity meter ○ Yes ○ No
Combined turbidity meter probe Point(s):

Last time calibrated_____
Comments:

FILTRATION (Suspended Solids Removal)
Type Feed cartridge filter
Size 40" and 1.5" diameter No. of Units 1
Length of Filter Runs Unk
Type of Filter Media Unk
Is media visible? ○ Yes ◉ No
Clean after BW? ○ Yes ◉ No
Filter Rate Unk BW Rate N/A
Filter Capacity Unk
Cracks/Cementation/Channeling ○ Yes ◉ No
Effluent Stability Unk
Algae Growth ○ Yes ○ No
Turbidity in clearwell? ○ Yes ◉ No
Comments:
1 aquifer bypass blend cartridge filter. 1 new sand separator filter. Filters do not backwash.

REVERSE OSMOSIS (Dissolved Solids Removal)
Pressure Stage 1: 210 Stage 2: 240 (psi)
No. of Modules 96 Permeate Cap. 85%
Blend Rate (GPM) No blending
Chemicals Used Anti-scalant
Waste-to-product Ratio 15% waste / 85% product
Pre-treatment Cartridge filter + 1 bypass blend filter
Effluent Quality: TDS (mg/L) Unk
Waste Disposal Site Deep injection well
IW Permit # & Expir. Date 0186015-006-UO/1X 10/2028
Comments:
2 new RO trains.

FLUORIDATION
Chemical Used_____ Strength_____
Corrosion Noted ○ Yes ○ No
Plugging Noted ○ Yes ○ No
High Level Ventilation (acid) ○ Yes ○ No
Acid carboys/day tank vented outside ○ Yes ○ No
Designated Electrical Outlet (acid) ○ Yes ○ No
Analytical Testing Equipment ○ Yes ○ No
Anti-siphon Valves ○ Yes ○ No
Residual Range_____
Point of Application_____
Emergency Eyewash ○ Yes ○ No
Comments:

Water System: Bonita Springs Utilities

PWS ID # 5360025-02
Survey Date 5/1/2025

STORAGE FACILITIES

Tank Type	Clearwell								
Capacity GAL	20,937								
Material	Concrete								
By-pass Piping	Yes								
Gravity Drain	No								
PRV/ARV	N/A								
Protected Openings	Yes								
Pressure Gauge	N/A								
Sight Glass or Level Indicator	No								
Fittings for Sight Glass	N/A								
Access Padlocked	Yes								
Last Inspection Date (for tanks with access manholes)	N/A								
On/Off Pressure	N/A								
Height to Bottom of Elevated Tank	N/A								
Height to Max. Water Level	7.5 ft								

Comments:

HIGH SERVICE (HSP), BACKWASH (BWP), TRANSFER (TP) and OTHER (OP) PUMPS

Pump Purpose	Transfer	Transfer	Transfer	Transfer					
Pump Number	RO-1	RO-2	Clearwell-3	Clearwell- 4					
Type	Turbine	Turbine	Turbine	Turbine					
Capacity (gpm)	2,000	2,000	2,083	2,083					
Motor HP	500	500	40	40					
Date Installed	2023	2023	2023	2023					

Comments:

Transfer pumps 1 and 2: Reverse Osmosis pumps
Transfer pumps 3 and 4: Pumps on new clearwell

Water System: Bonita Springs Utilities

PWS ID # 5360025-02
Survey Date 5/1/2025

GROUND WATER SOURCE

Well Name (System Identification)					
Florida Well ID					
Year Drilled					
Depth Drilled					
Length (outside casing)					
Diameter (outside casing)					
Is inundation of well possible?		○Yes ○No	○Yes ○No	○Yes ○No	○Yes ○No
6' X 6' X 4" Concrete Pad		○Yes ○No	○Yes ○No	○Yes ○No	○Yes ○No
PUMP	Type				
	Rated Capacity (gpm)				
	Motor Horsepower				
Well casing 12" above grade?		○Yes ○No	○Yes ○No	○Yes ○No	○Yes ○No
Well Casing Sanitary Seal		○Yes ○No	○Yes ○No	○Yes ○No	○Yes ○No
Raw Water Sampling Tap		○Yes ○No	○Yes ○No	○Yes ○No	○Yes ○No
Above Ground Check Valve		○Yes ○No	○Yes ○No	○Yes ○No	○Yes ○No
Fence/Housing		○Yes ○No	○Yes ○No	○Yes ○No	○Yes ○No
Well Vent Protection		○Yes ○No	○Yes ○No	○Yes ○No	○Yes ○No

COMMENTS:

TREATMENT PROCESSES IN USE:

Is additional treatment needed? ○ Yes ◉ No
If so, for control of what deficiencies?

MONITORING VIOLATIONS	MCL VIOLATIONS

MONITORING COMMENTS:

Water System: Bonita Springs Utilities

PWS ID # 5360025-02
Survey Date 5/1/2025

DEFICIENCIES:

Deficiency	Rule Reference	Corrective Action	Severity	Corrected

Any deficiency marked with an asterisk (*) is a repeat violation.

ADDITIONAL COMMENTS:

Inspector: Megan Torres Digitally signed by Megan Torres Date: 2025.05.12 14:10:28 -04'00'

Approved by: Paola Rivera Digitally signed by Paola Rivera Date: 2025.05.13 13:56:42 -04'00'

FLORIDA DEPARTMENT OF Environmental Protection

South District Office
PO Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Alexis A. Lambert
Secretary

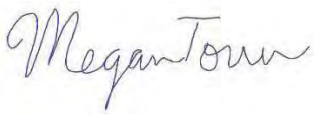
Site Report

Facility Name: Bonita Springs Utilites
PWS ID#: 5360025
Address: 11860 East Terry Street Bonita Springs, Florida 34135
Inspection Date: May 1, 2025
Inspectors: Megan Torres and Pedro Garcia Zaragoza

Digital Photo Log

Type of Camera Used: Phone
Photographer: Megan Torres

I certify that these photos represent the true on-site conditions observed and have not been altered in any way.



Signature of Photographer

Date: May 1, 2025

Inspection Photos

Image #:	1
Photo Description:	1 new sand separator filter.
Photo Location:	26°20'43.8"N 81°45'21.7"W

Image #:	2
Photo Description:	1 new cartridge filter.
Photo Location:	26°20'42.6"N 81°45'20.3"W

Inspection Photos

Image #:	3
Photo Description:	2 new Reverse Osmosis (RO) trains. 48 modules each.
Photo Location:	26°20'40.6"N 81°45'21.5"W

Image #:	4
Photo Description:	1 blend cartridge filter.
Photo Location:	26°20'40.2"N 81°45'21.4"W

Inspection Photos

Image #:	5
Photo Description:	1st RO pump.
Photo Location:	26°20'39.8"N 81°45'21.1"W

Image #:	6
Photo Description:	2nd RO pump.
Photo Location:	26°20'39.7"N 81°45'21.2"W

Inspection Photos

Image #:	7
Photo Description:	1 new degassifier.
Photo Location:	26°20'38.8"N 81°45'22.1"W

Image #:	8
Photo Description:	2 new transfer pumps on clearwell.
Photo Location:	26°20'38.8"N 81°45'22.2"W

FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis
Governor

Alexis A. Lambert
Secretary

South District
PO Box 2549
Fort Myers FL 33902-2549
SouthDistrict@FloridaDEP.gov

June 13, 2025

Brian Farrar, VP
Bonita Springs Utilities, Inc.
11900 East Terry Street
Bonita Springs, FL 34135

Re: Return to Compliance Letter
Bonita Springs Utilities
Facility ID: 5360025
Lee County-PW

Dear Brian Farrar:

Department personnel conducted a Sanitary Survey of the above-referenced facility on **May 17, 2023**. Based on the information provided during and following the Sanitary Survey, the facility was determined to be in compliance. The deficiencies noted in the Sanitary Survey and the corrective actions received by the department to address these deficiencies are located below. Any non-compliance items which may have been identified at the time of the Sanitary Survey have been corrected.

The department appreciates your compliance efforts. Should you have any questions or comments, please contact **Steven Pereira** of the South District Office at **239-344-5647** or via e-mail at **Steven.Pereira@FloridaDEP.gov**.

Sincerely,

David Fiess, MPA
Assistant Director of District Management
South District Office
Florida Department of Environmental Protection

Enclosures: File Review Memo

cc: Donald Woodruff, dwoodruff@bsu.us
David Rodriguez, drodriguez@bsu.us
Andy Koebel, akeoebel@bsu.us
Valerie Villanueva, vvillanueva@bsu.us

FLORIDA DEPARTMENT OF Environmental Protection

South District
PO Box 2549
Fort Myers FL 33902-2549
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Alexis A. Lambert
Secretary

File Review Memorandum

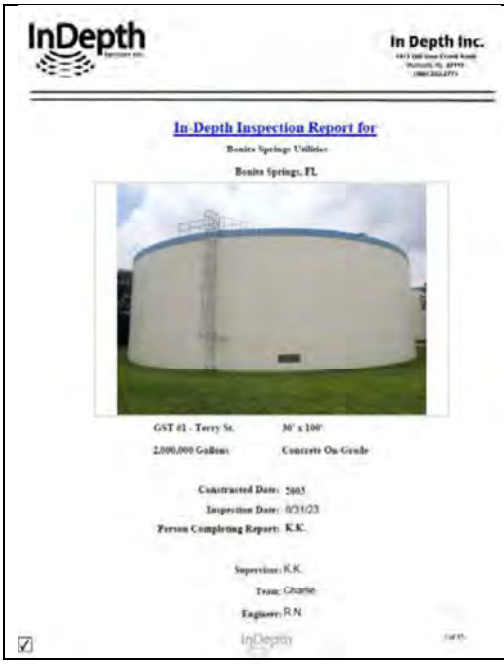
TO: File
FROM: Steven Pereira
SUBJECT: PWS # 5360025 Bonita Springs Utilities
DATE: June 13, 2025

On **May 17, 2023** a Public Water System compliance inspection was conducted at the above-referenced facility. On **August 1, 2023**, the Department sent a Compliance Assistance Offer Letter detailing the inspection findings. The facility was found to be out of compliance, and the inspection report noted the following corrective actions.

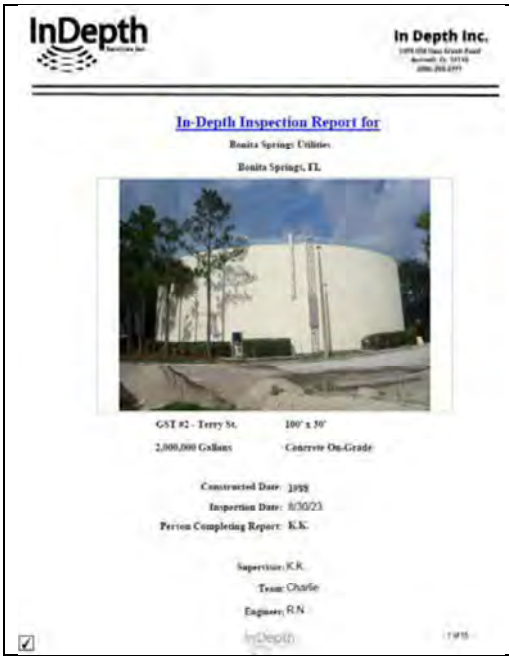
On **May 15, 2025**, the Department received a response with photographs from Bonita Springs Utilities that address all corrective actions noted in the Department's compliance evaluation inspection. The facility is now in compliance.

CORRECTIVE ACTIONS RESPONSES:

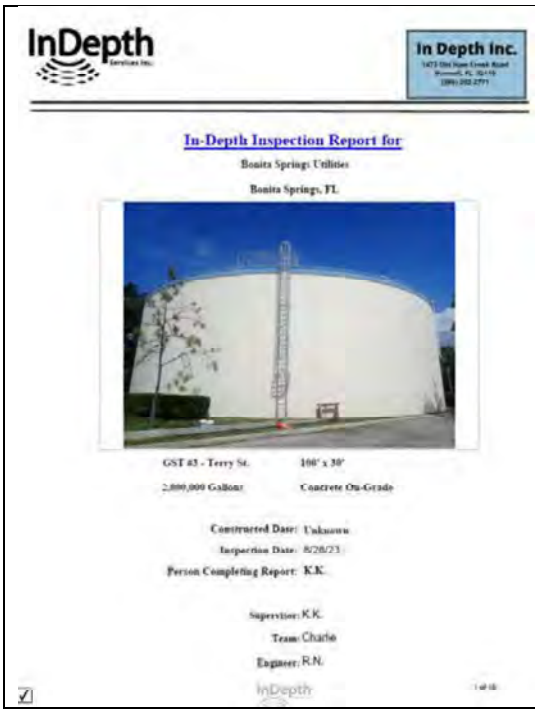
1.

	Inspection Report for GST #1 provided. Documentation submitted May 15, 2025.

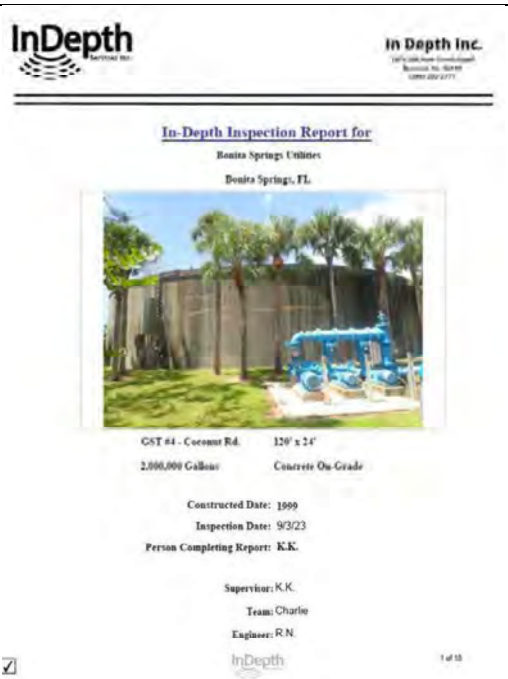
2.

 InDepth In Depth Inc. In-Depth Inspection Report for Bonita Spring: Utilities Bonita Springs, FL GST #2 - Terry St. 100' x 30' 2,000,000 Gallons Concrete On-Grade Constructed Date: 1955 Inspection Date: 8/30/23 Person Completing Report: K.K. Supervisor: K.K. Team: Charlie Engineer: R.N. InDepth	Inspection Report for GST #2 provided. Documentation submitted May 15, 2025.

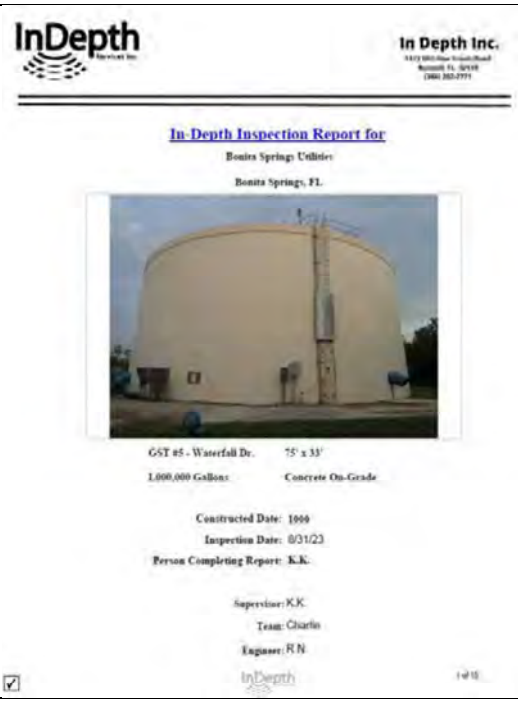
3.

 InDepth In Depth Inc. In-Depth Inspection Report for Bonita Spring: Utilities Bonita Springs, FL GST #3 - Terry St. 100' x 30' 2,000,000 Gallons Concrete On-Grade Constructed Date: Unknown Inspection Date: 8/28/23 Person Completing Report: K.K. Supervisor: K.K. Team: Charlie Engineer: R.N. InDepth	Inspection Report for GST #3 provided. Documentation submitted May 15, 2025.

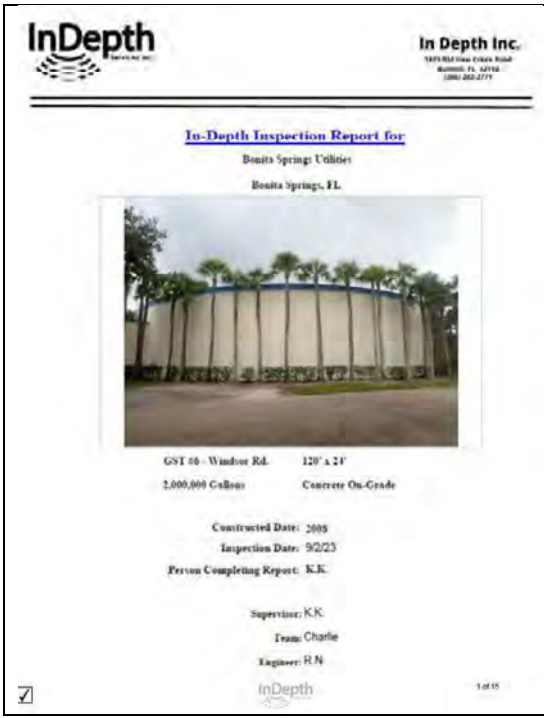
4.

	Inspection Report for GST #4 provided. Documentation submitted May 15, 2025.

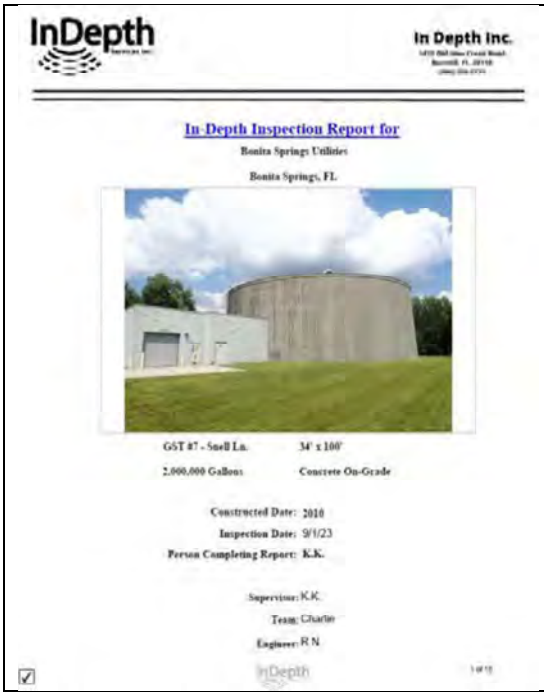
5.

	Inspection Report for GST #5 provided. Documentation submitted May 15, 2025.

6.

	Inspection Report for GST #6 provided. Documentation submitted May 15, 2025.

7.

	Inspection Report for GST #7 provided. Documentation submitted May 15, 2025.

8.

	Crack in the well pad at well 29 has been repaired. Photo submitted September 15, 2023.

9.

	Crack in the well pad at well 30 has been repaired. Photo submitted September 15, 2023.

10.

	Gap at the bottom of the fence at well 30 has been fixed. 57-stone gravel was placed to raise the ground to meet the fence. Photo submitted September 30, 2023.

11.

	Crack in the well pad at well 31 has been repaired. Photo submitted September 15, 2023.

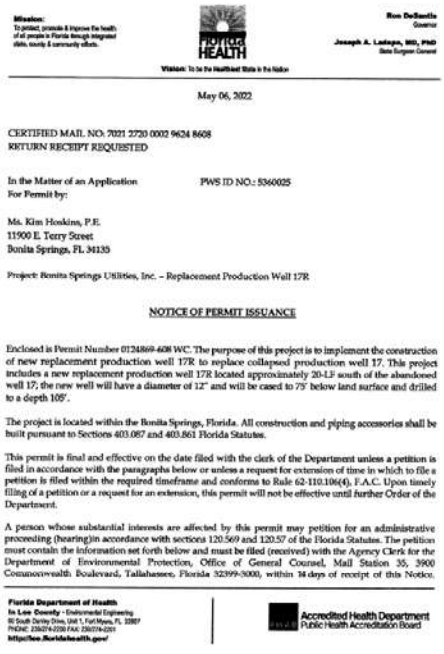
12.

Bonita Springs Utilities, Inc. 8/30/2023 (they are there). BSU will coordinate to get these repairs completed in early September, and we will send pictures of the repairs once completed. All BSU auxiliary power generators are in service and functioning as designed, including the generator that would ultimately provide power to Well 38.	Auxiliary power generator at well 38 is in service and functioning as designed. Documentation submitted August 30, 2023.

13.

	Fencing has been secured at well 14. Photo submitted September 30, 2023.

14.

 Mission: To protect, promote & improve the health of all people in Florida through integrated state, county & community efforts. FLORIDA HEALTH Ron DeSantis, Governor Joseph A. Ladapo, MD, PhD, State Surgeon General Vision: To be the Healthiest State in the Nation May 06, 2022 CERTIFIED MAIL NO: 7021 2720 0002 9624 8608 RETURN RECEIPT REQUESTED In the Matter of an Application For Permit by: PWS ID NO.: 5360025 Ms. Kim Hoskins, P.E. 11900 E. Terry Street Bonita Springs, FL 34135 Project: Bonita Springs Utilities, Inc. – Replacement Production Well 17R NOTICE OF PERMIT ISSUANCE Enclosed is Permit Number 0124869-608 WC. The purpose of this project is to implement the construction of new replacement production well 17R to replace collapsed production well 17. This project includes a new replacement production well 17R located approximately 20-LF south of the abandoned well 17; the new well will have a diameter of 12" and will be cased to 75' below land surface and drilled to a depth 105'. The project is located within the Bonita Springs, Florida. All construction and piping accessories shall be built pursuant to Sections 403.087 and 403.861 Florida Statutes. This permit is final and effective on the date filed with the clerk of the Department unless a petition is filed in accordance with the paragraphs below or unless a request for extension of time in which to file a petition is filed within the required timeframe and conforms to Rule 62-110.106(4), F.A.C. Upon timely filing of a petition or a request for an extension, this permit will not be effective until further Order of the Department. A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing)in accordance with sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) with the Agency Clerk for the Department of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, within 14 days of receipt of this Notice. Florida Department of Health In Lee County - Environmental Engineering Accredited Health Department Public Health Accreditation Board	Permit for replacement production well 17R to replace production well 17 provided. Well 17 has been abandoned. Documentation submitted April 15, 2025.

15.

	Barbed wire for well 17 has been secured. Photo submitted September 30, 2023.

16.

permitting, which I copied both on 4/17 email. Well 6 was out of service in May 2023, and is still out of service until we receive an approved variance to install our new deep injection well 2 in the area near to 500 feet of the well 6. Please provide for me a good time to call, and some clarity for what is still not satisfactory. I am super busy, but always have my phone on me, it may be easier for you to reach me on cell than I reach you in office. David 239-872-6578 **From:** Segarra, Yasmairy <Yasmairy.Segarra@FloridaDEP.gov> **Sent:** Thursday, April 24, 2025 5:01 PM **To:** David Rodriguez <DRodriguez@bsu.us> **Cc:** Rivera, Paola <Paola.Rivera@FloridaDEP.gov>; Torres, Megan <Megan.Torres@FloridaDEP.gov> **Subject:** RE: Bonita Springs Utility 5360025	Confirmation that well 6 is still out of service provided. Well will be out of service until approval for new deep injection well is received. Information submitted April 25, 2025.

17.

	Well 34 now has a downward facing raw sample tap. Photo submitted June 30, 2023.

18.

	Well 33 now has a downward facing raw sample tap. Photo submitted June 30, 2023.

19.

	Leak at High Service Pump has been repaired. Packing gland bolts have been tightened. Photo submitted September 30, 2023.

20.

	Leak at Snell Booster Station has been repaired. Photo submitted September 30, 2023.

FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Sent Via Electronic Mail

October 5, 2023

In the Matter of an Application for Permit by:

John R. Jenkins
Executive Director
Bonita Springs Utilities
11900 East Terry Street
Bonita Springs, Florida 34135
JJenkins@BSU.us

UIC Permit: 0186015-006-UO/1X
WACS Facility ID: 88275
County: Lee
Class I Injection Well System, IW-1
Operation Permit
Reverse Osmosis Water Treatment Plant

Notice of Permit

Enclosed is permit number 0186015-006-UO/1X to operate a Class I injection well.

Any party to this Order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, (F.S.), by the filing of a Notice of Appeal pursuant to Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, Agency_Clerk@FloridaDEP.gov; and by filing a copy of the Notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Notice is filed with the Clerk of the Department.

Executing and Clerking:
Executed in Tallahassee, Florida.
State of Florida Department of Environmental Protection

Ronald McCulley

Ronald McCulley
Program Administrator
Source/Drinking Water,
Underground Injection Control &
Operator Certification Programs
Division of Water Resource Management

Certificate of Service
The undersigned duly designated clerk hereby certifies that this **Notice of Permit** and all copies were sent on the filing date October 5, 2023, to the following listed persons:

Ronald McCulley, DEP/TLH, Ronald.McCulley@FloridaDEP.gov
Annette Solveigh, DEP/TLH, Annette.Solveigh@FloridaDEP.gov
Dan Warmke, DEP/TLH, Daniel.Warmke@FloridaDEP.gov
James Dodson, DEP/TLH, James.Dodson@FloridaDEP.gov
Richard Lobinske, DEP/TLH, Richard.Lobinske@FloridaDEP.gov
Edith Chuy, DEP/TLH, Edith.Chuy@FloridaDEP.gov
Nolin Moon, DEP/SD, Nolin.Moon@FloridaDEP.gov
Gabriele Starrach, DEP/SD Gabriele.Starrach@FloridaDEP.gov
Deanna Newburg, DEP/SD, Deanna.Newburg@FloridaDEP.gov
Robert Reid, DEP/SD, Robert.B.Reid@FloridaDEP.gov
Omar Rodriguez, PE, RMA Geologic Consultants, ORodriguez@RMA-Geologic.com
Jason Meadows, USEPA/ATL, Meadows.JasonB@EPA.gov

Filing and Acknowledgment
Filed, on this date, pursuant to Section.120.52, Florida Statutes, (F.S.), with the designated Department Clerk, receipt of which is hereby acknowledged.

Lisa Williams
Clerk

10/05/2023
Date

FLORIDA DEPARTMENT OF Environmental Protection

South District
PO Box 2549
Fort Myers FL 33902-2549
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

November 16, 2021

Jake Hepokoski, Chief Operator
East Water Reclamation Facility – Bonita Springs Utilities
11550 Operations Way
Bonita Springs, FL 34135
Email: JHepokoski@bsu.us

Re: In Compliance Letter
East Water Reclamation Facility – Bonita Springs Utilities
Facility ID: 0710236
Lee County – Air

Dear Mr. Hepokoski:

Department personnel conducted a compliance inspection of the above-referenced facility on October 26, 2021. Based on a review of facility records and the information provided during the inspection, the facility was determined to be in compliance. A copy of the inspection report is attached for your records.

The Department appreciates your compliance efforts. Should you have any questions or comments, please contact Katie O'Gara at (239) 344-5690, or via e-mail at: Katie.OGara@FloridaDEP.gov.

Sincerely,

Louise Chang
Environmental Manager
Compliance Assurance Program
South District Office
Florida Department of Environmental Protection

Enclosures: Inspection Report

Air Compliance Inspection Report

South District

Florida Department of Environmental Protection

I. GENERAL INFORMATION

Facility Name:	EAST WATER RECLAMATION FACILITY	**AIRS ID:**	0710236
Facility Location:	11550 Operations Way, BONITA SPRINGS, 34135	**County:**	Lee

Responsible Official		**Facility Contact**		**Additional Contact**	
Name:	JAKE HEPOKOSKI	**Name:**	JAKE HEPOKOSKI	**Name:**	
Title:	CHIEF OPERATOR	**Title:**	CHIEF OPERATOR EWRF	**Title:**	
Phone:	(239)-495-4247	**Phone:**	(239) 495-4247	**Phone:**	
E-mail:	JHepokoski@bsu.us	**E-mail:**	JHepokoski@bsu.us	**E-mail:**	
Present for Inspection:No		**Present for Inspection:Yes**		**Present for Inspection:No**	

Regulatory Classification:

Title V

Permit(s) in Effect	Issued/Effective	Expiration Date
0710236-005-AV	07/25/2017	07/25/2022
0710236-009-AV	10/31/2019	07/25/2022

Inspection Type:	INS2-Compliance Inspection, Walk Through	**Time In:**	**Time Out:**	**Compliance Status:**	**Inspectors Present:**
Inspection Date:	10/26/2021	10 : 00	11 : 15		Katie Ogara

Facility Description and Applicable Regulations:

The applicant operates the existing East Water Reclamation Facility, which is located in Lee County at Wellfield Road, immediately East of I-75 and North of Terry Street 11550 Operations Way, Bonita Springs, Florida, 34135-6410.

This facility consists of a sewage sludge drying system. The facility processes dewatered sludge into pellets. Dewatered sewage sludge from centrifuges is fed into a dryer. The dryer thermally (using hot air) dries the dewatered sludge to produce a pellet product that meets Class A biosolids requirements. The pellets are stored in silos and trucked off site for disposal.

A wet scrubber collects particulate matter (PM) emissions from the dryer. A second wet scrubber collects particulate matter emissions from the internal bins and conveyors internal to the dryer. The exhaust from the wet scrubbers is discharged to a main plant odor control system whose main function is to control hydrogen sulfide (H_2S). A baghouse controls the particulate matter emissions from two storage silos and truck load-outs on each silo. This facility is subject to Title 40 Code of Federal Regulations (CFR) Part 61, Subparts A and E, (General Provisions and National Emission Standards for Mercury) and 40 CFR 63 Subparts A and ZZZZ, (General Provisions and National Emission Standards Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines).

This facility also includes miscellaneous unregulated/insignificant emissions units and/or activities.

Have any changes been made at the facility (administrative and/or physical) since the last inspection? No

II. NONCOMPLIANCE HISTORY

No recent violations to report.

Additional Information:

Facility has no records of non-compliance

III. INSPECTION SUMMARY

Inspection Summary

Katie O'Gara (Florida Department of Environmental Protection) met with Jake Hepokoski (Bonita Springs Utilities) on 10/26/2021 to tour the site and review records for the purpose of EPA Level of Service. There were no objectionable odors or fugitive visible emissions. Records and site are in compliance with all permit conditions.

Regulated Source(s) Evaluated

Type	Source Number	Description	Status	Initial Compliance Status
FAC		Facility Wide		IN COMPLIANCE
EU	3	Emergency CI Rice	ACTIVE	IN COMPLIANCE
EU	4	Rotary Sludge Dryer with heater and 2 dual wet scrubbers	ACTIVE	IN COMPLIANCE

Is control equipment maintained per rule and/or manufacturers recommendations? Yes

Were any compliance/stack tests being conducted at the time of the inspection? No

Was the facility in compliance with facility-wide conditions?:

Pollutant emissions limiting standards for Objectionable odors? Yes

Reasonable precautions to prevent unconfined PM properly maintained and VE standards? Yes

General pollutant emission limiting standards for VOC/Organic Solvents? Yes

Conditions for unregulated/insignificant/exempt units and/or activities? Yes

IV. ON-SITE COMPLIANCE REVIEW

Inspection Narrative

Observations:
There were no facility-wide objectionable odors or fugitive visible emissions.

Records:
Emergency generator (EU3) :
Total operation hours in 2020 was 37.3.
Total fuel used in 2020 was 1724 gallons.
Total operation hours as of September 2021 was 34.2.
Reviewed maintenance logs and maintenance records.
Oil changes and monthly inspections are done (Company used is Metro).
Written records of run hours and fuel used are kept on site.
As of 10/26/21 hour meter read 018618.
"Start-up, Shutdown, Malfunction" (SSM) standard operating procedure plan is kept on site next to the EU. Control panels are labeled corresponding to the SSM plan.

****This EU is in compliance with permit conditions: B.2. hours of operation, B.4. Required hour meter, B.6 Work or management standards, and B.9. Maintenance Practice Standards.****

Rotary Sludge Dryer with heater and 2 dual wet scrubbers (EU4):
Dryer is well maintained with upgrades and replacements.
Dryer runs primarily on natural gas.
Diesel is run to maintain equipment.
35 gallons of diesel used in 2020.
28.2 gallons of diesel used in 2021.
Production was 848.47 lbs per hour as of December 31st 2020.
Production was 782 lbs per hour as of September 2021

****This EU is in compliance with permit conditions: A.1. Permitted capacity and A.2. Methods of operation.****

V. OFF-SITE RECORDS REVIEW

Were all monitoring/reporting requirements met? Yes

Explain any pertinent details with regard to monitoring/reporting requirements:

2020 Annual operating report (AOR) submitted and reviewed
2021 Semi-annual monitoring report (SAMV) submitted and reviewed
2021 Mercury sample test (June 2 and 3 2021) submitted and reviewed (5 year test interval)
2020 Statement of Compliance (SOC) submitted and reviewed

All reports are in-compliance

VI. ITEMS OF CONCERN

Not applicable.

VII. COMMENTS

The facility site, facility emission units, and records are well maintained. Maintenance is proactive. The facility is in full compliance. Thank you.

VIII. SIGNATURES

Lead Inspector:

Lead Inspector Signature: Katie Ogara — Digitally signed by Katie Ogara Date: 2021.11.01 15:27:51 -04'00'

Supervisor or Reviewer:

Supervisor or Reviewer Signature: Louise Chang — Digitally signed by Louise Chang Date: 2021.11.15 12:48:17 -05'00'

FLORIDA DEPARTMENT OF Environmental Protection

South District
PO Box 2549
Fort Myers FL 33902-2549
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Interim Secretary

August 24, 2021

VIA ELECTRONIC MAIL

Mr. John R. Jenkins, Executive Director
Bonita Springs Utilities
8890 Ten-Eight Street
Bonita Springs, FL 34135
Email: JJenkins@BSU.US

Re: In Compliance Letter
Bonita Springs Utilities WTP
11900 East Terry Street, Bonita Springs, Florida 34135
Permit Numbers: 0186015-005-UO/1X
WACS ID: 88275
Lee County – UIC

Dear Mr. Jenkins:

Department personnel conducted a routine bi-annual inspection of the underground injection control program system at the above-referenced facility on August 10, 2021. Based on the information provided by the onsite staff and the observations of the Department inspectors, the condition of the underground injection control system was rated as in-compliance with certain notations about minor items at this facility. A copy of the inspection report with the reference notations is attached for your records.

The Department appreciates your efforts to maintain this facility in compliance with state and federal rules. Should you have any questions or comments, please contact Gabriele Starrach at 239-344-5653 or via e-mail at: Gabriele.Starrach@FloridaDEP.gov.

Sincerely,

Gary A. Maier
Program Administrator
Program and Citizen Support Services

Enclosure: Inspection Report

cc: Jerry Erb, JErb@BSU.US

FLORIDA DEPARTMENT OF Environmental Protection

South District
PO Box 2549
Fort Myers FL 33902-2549
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Interim Secretary

Facility: Bonita Springs Utillities Address11900 East Terry Street City, FL Bonita Springs, Florida 34135 Contact E-mail: JJenkins@BSU.US File Number: 0186015-005-UO/1X	Lee County – UIC Facility description, WACs ID: 88275 Operational Permit Permit Expiration: October 31, 2022 Status of Well Field: Operational

Inspection Date:August 10, 2021	**Purpose of Visit (Inspection Type)**	Bi-Annual (INSP) ✓ Compliance (INSP) ✓ Construction (COI) ☐ Enforcement (INSP) ☐ Complaint (CI) ☐ **Other** ☐ (_____)		
Wells authorized in permit	**Class I**	IW-1	**Monitoring wells**	DZMW-1
	Class V	N/A	**Other:**	N/A
Wells inspected at visit	**Class I**	IW-1	**Monitoring wells**	DZMW-1
	Class V	N/A	**Other MWs**	N/A
Is operator's license current and posted? ☒Yes ☐No ☐N/A (OM: only applicable to /PW/DW/ASR)				

Facility Contact(s) at time of inspection	Phone	Email
Jerry Erb	(239) 994-4804	JErb@BSU.com

Compliance areas evaluated (Red = COMET violation codes)

***IC**: In Compliance; **MNC**: Minor Non-Compliance **SC**: Significant Non-Compliance **NA**: Not Applicable, **NE**: Not Evaluated*

Operating Requirements		**Monitoring, Records, & Reports**		**Facility Site Review(OM)**		**Calibration(OM)**	
IC	1. Volume(WI)	IC	7. Records of MOR(MM)	IC	9. Wellheads	IC	15.Pressure Gauges
IC	2. Pressure(IP)	IC	8. Lab Reports (Elec. or hard copies)(MR)	IC	10. Annulus Tank	IC	16.Flow Meters
IC	3. Emergency(OM)	IC	9. Financial Responsibility	IC	11. Rust & Corrosion	NE	17.Chart Recorders
IC	4. Valid Permit(OP)			IC	12. Labeling	IC	18.Other Equipment(SCADA)
IC	5. O&M Manual(OM)			IC	13. Purging		19.Calibration Certificates
				IC	14. Maintenance		

Facility/Well Compliance Status:					
☒	In-Compliance	☐	Minor Non Compliance	☐	Significant Out Of Compliance

Gabriele Stewart

FDEP Inspector- Date 08/10/2021

Mary A Maier 08/24/2021

Review Manager-Date

Facility Inspection Worksheet

GENERAL

	Rule	Operating Requirements	N/A	Yes	No	COMET CODE	Notes
1	62-528.415(4)(c)	Emergency Disposal method permitted and operational	☐	☒	☐	(OM)	
2	62-528.415(4)(b)	Abnormal Events reported	☐	☒	☐	(FN)	
3	62-528.307)(1)(l)	Current Permit on site	☐	☒	☐	(OP)	
4	62-528.415(3)	Operation and Maintenance Manual	☐	☒	☐	(OM)	
	Rule	**Monitoring, Records, And Reports**	**N/A**	**Yes**	**No**	**COMET CODE**	**Notes**
5	62.528.307(1)(m)	Monitoring Records & Reports on site and current (MOR's)	☐	☒	☐	(MM)	
6		Specific Injectivity Test available	☐	☒	☐	(MM)	
7		Fall-Off Test available	☐	☒	☐	(MM)	
8	62-528.307(1)(m)	Lab Reports available	☐	☒	☐	(MR)	
9	62-528.307(f)	SCADA System functioning properly	☐	☒	☐	(OM)	
	Rule	**Calibration**	**N/A**	**Yes**	**No**	**COMET CODE**	**Notes**
10	62-528.307(1)(f) & (m)	Pressure Gauge	☐	☒	☐	(OM)	
11	62-528.307(1)(f) & (m)	Flow meters	☐	☒	☐	(OM)	
12	62-528.307(1)(f) & (m)	Chart recorders	☒	☐	☐	(OM)	
13	62-528.307(1)(f) & (m)	Transducers	☐	☒	☐	(OM)	
14	62-528.307(1)(f) & (m)	Latest Calibration ----------Dates:	6/1/2021				
	Pump Station						
	Total Number of Pumps	**2**	Number of Pumps operating at time of inspection			2	
	Type of Pumps	Submersible	Number of pumps operational at time of inspection:			2	
	Injection discharge is powered by residual skid pressure						
	Rule	**Pump Station**	**N/A**	**Yes**	**No**	**COMET CODE**	**Notes**
15	62-600.540(4)(h)	Designated Stand-by pump	☒	☐	☐	(OM)	
16	62-600.540(4)(a)	Lightning Arrestor on Pump Station	☒	☐	☐	(OM)	
17	62-528.307(1)(f)	Pump free of leaks	☐	☒	☐	(OM)	
18	62-528.307(1)(f)	Pump station free of rust and corrosion If no, select degree (Minor, Moderate, Severe)	☐	☒	☐	(OM)	
19	62-528.307(1)(f)	Pressure gauge operational	☐	☒	☐	(OM)	

Notes:

Injection Well # IW-1							
1	Rule: 62-528.415(1)(f)			2	Rule: 62-528.415(1)(a)-(c)		
Max Flow Permitted		Flow at Inspection		Max Wellhead Pressure		Pressure at Inspection	
5100 GPM		0 GPM		105 PSI		42.9 PSI	

	Rule	Injection Well Requirements	N/A	Yes	No	COMET CODE	Notes
3	Recomended	Injection well labeled by well number	☐	☒	☐	(OM)	
4	62-528.425(1)(b)	Gauges & Flow Meter agree with electronic equipment (SCADA)	☐	☒	☐	(OM)	
5	62-600.540(4)	Manual back-up pressure gauges functioning	☐	☒	☐	(OM)	
6	62-528.425(1)(b)	Flow meter functioning	☐	☒	☐	(OM)	
7	62-528.307(1)(f)	Injection Wellhead free of leaks	☐	☒	☐	(OM)	
27	62-528.307(1)(f)	Injection well / Surface equipment free of rust and corrosion If no, select degree (**Minor**, Moderate, Severe)	☐	☒	☐	(OM)	
9	62-600.540(4)(f)	Pad maintained, not used for storage	☐	☒	☐	(OM)	
10	62-528.307(1)(f)	Sumps are maintained	☐	☒	☐	(OM)	
11	62-528.307(1)(f)	Air release valves free from leaks	☐	☒	☐	(OM)	
12	62-528.415(1)(f)	Maximum Flow NOT exceeded	☐	☒	☐	(WI)	
13	62-528.415(1)(a)-(c)	Maximum Pressure NOT exceeded	☐	☒	☐	(IP)	
14	62-528.425(1)(b)	Annulus Tank level is readable	☐	☒	☐	(OM)	

Notes:

Inspector Comments

Monitor Well # DZMW-1									
UPPER ZONE			LOWER ZONE			OTHER			
48	Rule: 62-528.425(1)(g)5		49	Rule: 62-528.425(1)(g)5		50	Rule: 62-528.425(1)(g)5		
Wellhead Pressure	Wellhead Water Level		Wellhead Pressure	Wellhead Water Level		Wellhead Pressure		Wellhead Water Level	
N/A	117.4		N/A	103.5		N/A		N/A	

	Rule	Monitor Well Requirements	N/A	Yes	No	COMET CODE	Notes
51	Recomended	Monitor well labeled by well number	☐	☒	☐	(OM)	
52	62-528.307(f)	Sample Ports labeled	☐	☒	☐	(OM)	
53	62-528.425(1)(g)1 62-528.307(f)	Wellhead pressure / Water Level gauges functioning	☐	☒	☐	(OM)	
54	62-528.425(1)(g)1 62-528.307(f)	Wellhead gauges agree with electronic equipment (SCADA)	☐	☒	☐	(MR)	
55	62-528.425(1)(g)1 62-528.307(f)	Transducer in working order	☐	☒	☐	(OM)	
56	62-528.307(1)(f)	Monitor wellhead free from leaks	☐	☒	☐	(OM)	
57	62-528.307(1)(f)	Monitor well / Surface equipment free of rust and corrosion If no, select degree (Mild, Moderate, Severe)	☐	☒	☐	(OM)	Minor corrosion
58	62-600.540(4)(f)	Pad maintained, not used for storage	☐	☒	☐	(OM)	
60	62-528.307(1)(f)	Sumps are maintained	☐	☒	☐	(OM)	
61		Monitoring well purge waters flow to :	Injection well				
62		Monitoring well purge technique:	Flowing/Pumping				
63		Monitoring well volume purged:	Per SOP				

Notes: The monitoring well surface showes discoloration and spots of minor corrosion. The plate consists of stainless steel. Spills during the sampling should be avoided.

Inspector Comments

Bonita Springs Utilities WTP, WACS ID: 88275

Gabriele Starrach

IW-1.

IW-1

Annulus Tank

DMZW-1

DMZW-1

Figure

Figure

Figure

Figure

FLORIDA DEPARTMENT OF
Environmental Protection

South District
2295 Victoria Avenue, Suite 364
Post Office Box 2549
Fort Myers, FL 33902-2549
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

September 25, 2023

John R. Jenkins
Executive Director
Bonita Springs Utilities
11900 East Terry Street
Bonita Springs, Florida 34135
Email: JJenkins@BSU.us

Re: In Compliance Letter
Bonita Springs Utilities West
Water Reclamation Facility
8890 Ten-Eight Street
Bonita Springs, Florida 34135
File Number: 190919-005-UO/1M
WACS ID: 88435
Lee County – UIC

Dear Mr. Jenkins,

Department personnel conducted a routine bi-annual inspection of the underground injection control program systems at the above-referenced facility on September 7, 2023. Based on the information provided by the onsite staff and the observations of the Department inspector, the condition of the underground injection control systems was rated as in-compliance. A copy of the inspection report is attached for your records and any non-compliance items which may have been identified at the time of the inspection have been corrected.

The Department appreciates your compliance efforts. Should you have any questions or comments, please contact Robert Reid at 239-344-5656 or via e-mail at: Robert.B.Reid@FloridaDEP.gov.

Sincerely,

Landon Reigelman
Environmental Manager
Compliance Assurance Program
South District Office
Florida Department of Environmental Protection

Enclosure: Inspection Report

cc: Cody Karth, BSU, CKarth@bsu.us
Andy Koebel, BSU, AKoebel@bsu.us
Don Woodruff, BSU, DWoodruff@bsu.us
Kim Hoskins, BSU, KHoskins@bsu.us

FLORIDA DEPARTMENT OF Environmental Protection

South District
PO Box 2549
Fort Myers FL 33902-2549
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Facility: Bonita Springs Utilities West WRF 8890 East Terry Street Bonita Springs, FL 34135 Lee County – UIC **Contact E-mail:** JJenkins@bsu.us **File Number:** 190919-005-UO/1M	**WACS ID:** 88435 Operational Permit **Permit Expiration:** July 19, 2023 **Well Field Status:** Operational One non-hazardous Class I injection well, IW-1, and associated monitoring well, DZMW-1, for the disposal of secondary treated municipal effluent from Bonita Springs Utilities East and West WRF.

Inspection Date: September 7, 2023	**Purpose of Visit (Inspection Type)**	Bi-Annual (INSP) √ Compliance (INSP) √ Construction (COI) ☐ Enforcement (INSP) ☐ Complaint (CI) ☐ **Other** ☐ ( )		
Wells authorized in permit:	Class I	IW-1	Monitoring wells	DZMW-1
	Class V	N/A	Other	N/A
Wells inspected at visit:	Class I	IW-1	Monitoring wells	DZMW-1
	Class V	N/A	Other	N/A
Is operator's license current and posted? ☒Yes ☐No ☐N/A (OM; only applicable to DW/ASR)				

Facility Contact(s) at time of inspection:	Phone:	Email:
Cody Karth	(239) 390-4837	CKarth@bsu.us

Compliance areas evaluated: (Red is COMET violation codes)

IC: In Compliance; NC: Out of Compliance SC: Significant Non-Compliance NA: Not Applicable, NE: Not Evaluated

Operating Requirements		Monitoring, Records, & Reports		Facility Site Review (OM)		Calibration (OM)	
IC	1. Volume (WI)	IC	6. Records of MOR (MM)	IC	8. Wellheads	IC	14. Pressure Gauges
IC	2. Pressure (IP)	IC	7. Lab Reports (electronic or hard copies) (MR)	NA	9. Annulus Tank	IC	15. Flow Meters
IC	3. Emergency (OM)			IC	10. Rust & Corrosion	NA	16. Chart Recorders
IC	4. Valid Permit (OP)			IC	11. Labeling	IC	17. Other Equipment (SCADA)
IC	5. O&M Manual (OM)			NC	12. Purging	IC	18. Calibration Certificates
				IC	13. Maintenance		

Facility Inspection Worksheet

GENERAL

	Rule	Operating Requirements	N/A	Yes	No	COMET CODE	Notes
1	62-528.415(4)©	Emergency Discharge method permitted and operational	☐	☒	☐	(OM)	
2	62-528.415(4)(b)	Abnormal Events reported	☒	☐	☐	(FN)	
3	62-528.307)(1)(l)	Current Permit on site	☐	☒	☐	(OP)	
4	62-528.415(3)	Up-To-Date Operation and Maintenance Manual on site	☐	☒	☐	(OM)	

	Rule	Monitoring, Records, And Reports	N/A	Yes	No	COMET CODE	Notes
5	62.528.307(1)(m)	Monitoring Records & Reports on site and current (MOR's)	☐	☒	☐	(MM)	
6		Specific Injectivity Test available	☐	☒	☐	(MM)	
7		Fall-Off Test available	☐	☒	☐	(MM)	
8	62-528.307(1)(m)	Lab Reports available	☐	☒	☐	(MR)	
9	62-528.307(f)	SCADA System functioning properly	☐	☒	☐	(OM)	

	Pump Station			
10	Total Number of Pumps	N/A	Number of Pumps operating at time of inspection:	N/A
11	Type of Pumps	N/A	Number of pumps operational at time of inspection:	N/A

	Rule	Pump Station	N/A	Yes	No	COMET CODE	Notes
12	62-600.540(4)(h)	Designated Stand-by pump	☒	☐	☐	(OM)	
13	62-600.540(4)(a)	Lightning Arrestor on Pump Station	☒	☐	☐	(OM)	
14	62-528.307(1)(f)	Pump free of leaks	☒	☐	☐	(OM)	
15	62-528.307(1)(f)	Pump station free of rust and corrosion If corroded, note degree (Minor, Moderate, Severe)	☒	☐	☐	(OM)	
16	62-528.307(1)(f)	Pressure gauge operational	☒	☐	☐	(OM)	

Notes: Injection is directed by pumps in the reuse system. No dedicated pumps for injection

Injection Well # IW-1			
1	Rule: 62-528.415(1)(f)	2	Rule: 62-528.415(1)(a)-(c)

Max Flow Permitted	Flow at Inspection	Max Wellhead Pressure	Pressure at Inspection
5500 GPM	0 GPM	108 psi	24.9 psi

	Rule	Injection Well Requirements	N/A	Yes	No	COMET CODE	Notes
3	62-528.307(1)(f)	Injection well labeled by well number	☐	☒	☐	(OM)	
4	62-528.425(1)(b)	Gauges & Flow Meter agree with electronic equipment (SCADA)	☐	☒	☐	(OM)	
5	62-600.540(4)	Manual back-up pressure and flow equipment functioning	☐	☒	☐	(OM)	
6	62-528.425(1)(b)	Flow meter functioning	☐	☒	☐	(OM)	
7	62-528.307(1)(f)	Injection Wellhead free of leaks	☐	☒	☐	(OM)	
8	62-528.307(1)(f)	Injection well / Surface equipment free of rust and corrosion If corroded, note degree (Minor, Moderate, Severe)	☐	☒	☐	(OM)	
9	62-600.540(4)(f)	Pad maintained, not used for storage	☐	☒	☐	(OM)	
10	62-528.307(1)(f)	Sumps are maintained	☒	☐	☐	(OM)	
11	62-528.307(1)(f)	Air release valves free from leaks	☐	☒	☐	(OM)	
12	62-528.415(1)(f)	Maximum Flow within limits	☐	☒	☐	(WI)	
13	62-528.415(1)(a)-(c)	Maximum Pressure within limits	☐	☒	☐	(IP)	
14	62-528.425(1)(b)	Annulus Tank level is readable	☒	☐	☐	(OM)	
15	62-528.307(1)(f) & (m)	Per the MOR, what is the Normal Annular Pressure Range	N/A				
16	62-528.307(1)(f) & (m)	Annular Pressure within Normal Range (tubing and packer) note PSI	☒	☐	☐	(OM)	
17	62-528.307(1)(f) & (m)	Annular Pressure greater than Injection Pressure (tubing and packer) Note PSI	☒	☐	☐	(OM)	
18	62-528.307(1)(f) & (m)	Pressure Gauge Calibrated	☐	☒	☐	(OM)	
19	62-528.307(1)(f) & (m)	Flow meters Calibrated	☐	☒	☐	(OM)	
20	62-528.307(1)(f) & (m)	Chart recorders Calibrated	☒	☐	☐	(OM)	
21	62-528.307(1)(f) & (m)	Latest Calibration ------Dates:	08/21/2023				

Well Compliance Status:					
☒	In-Compliance	☐	Out-Of-Compliance	☐	Significant Out of Compliance

Notes:

Monitor Well #: DZMW-1				Associated with Injection Well: IW-1	
UPPER ZONE		LOWER ZONE		OTHER	
1	Rule: 62-528.425(1)(g)5	2	Rule: 62-528.425(1)(g)5	3	Rule: 62-528.425(1)(g)5
Wellhead Pressure	Wellhead Water Level	Wellhead Pressure	Wellhead Water Level	Wellhead Pressure	Wellhead Water Level
N/A	80.3 ft	N/A	107.2 ft	N/A	N/A

	Rule	Monitor Well Requirements	N/A	Yes	No	COMET CODE	Notes
4	62-528.307(f)	Monitor well labeled by well number	☐	☒	☐	(OM)	
5	62-528.307(f)	Sample Ports labeled	☐	☒	☐	(OM)	
6	62-528.425(1)(g)1 62-528.307(f)	Wellhead pressure / Water Level gauges functioning	☐	☒	☐	(OM)	
7	62-528.425(1)(g)1 62-528.307(f)	Wellhead gauges agree with electronic equipment (SCADA)	☐	☒	☐	(MR)	
8	62-528.425(1)(g)1 62-528.307(f)	Transducer in working order	☐	☒	☐	(OM)	
9	62-528.307(1)(f)	Monitor wellhead free from leaks	☐	☒	☐	(OM)	
10	62-528.307(1)(f)	Monitor well / Surface equipment free of rust and corrosion If corroded, note degree (Mild, Moderate, Severe)	☐	☒	☐	(OM)	
11	62-600.540(4)(f)	Pad maintained, not used for storage	☐	☒	☐	(OM)	
12	62-528.307(1)(f)	Sumps are maintained	☒	☐	☐	(OM)	
13	62-528.307(1)(f) & (m)	Pressure Gauge Calibrated	☒	☐	☐	(OM)	
14	62-528.307(1)(f) & (m)	Chart recorders Calibrated	☒	☐	☐	(OM)	
15	62-528.307(1)(f) & (m)	Transducers Calibrated	☐	☒	☐	(OM)	
16	62-528.307(1)(f) & (m)	Latest Calibration -------- Dates:	9/15/2023				
17		Monitoring well purge waters flow to:	IW-1				
18		Monitoring well purge technique:	Pumping				
19		Monitoring well volume purged / time needed:	Upper: 1933 gal/122 min = 16 gpm Lower: 5766 gal/302 min = 19 gpm				

Well Compliance Status:

☐	In-Compliance	☒	Out-Of-Compliance	☐	Significant Out of Compliance

Notes: DEP discussed with facility representatives correct purge volumes. Purging will be performed in accordance with DEP-SOP-FS 2200 going forward.
No further actions are required.

Facility/Well Compliance Status:

☐	In-Compliance	☒	Out-Of-Compliance	☐	Significant Out of Compliance

Comments/Rule or Permit Violations/ Recommended Actions:

DEP discussed with facility representatives correct purge volumes. Purging will be performed in accordance with DEP-SOP-FS 2200 going forward.
No further actions are required.

Robert B. Reid 09/15/2023	9/25/2023
FDEP Inspector - Date	Inspector's Manager - Date

Bonita Springs Utilities WRF, WACS ID: 88435

Robert Reid

IW-1

DZMW-1

Lower Zone sample port

Upper Zone sample port

FLORIDA DEPARTMENT OF Environmental Protection

South District
2295 Victoria Avenue, Suite 364
Post Office Box 2549
Fort Myers, FL 33902-2549
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

September 26, 2023

John R. Jenkins
Executive Director
Bonita Springs Utilities
11900 East Terry Street
Bonita Springs, Florida 34135
Email: JJenkins@BSU.us

Re: In Compliance Letter
Bonita Springs Utilities
Water Treatment Plant
11900 East Terry Street
Bonita Springs, Florida 34135
File Number: 186015-UO/1X
WACS ID: 88275
Lee County – UIC

Dear Mr. Jenkins,

Department personnel conducted a routine bi-annual inspection of the underground injection control program systems at the above-referenced facility on September 7, 2023. Based on the information provided by the onsite staff and the observations of the Department inspector, the condition of the underground injection control systems was rated as in-compliance. A copy of the inspection report is attached for your records and any non-compliance items which may have been identified at the time of the inspection have been corrected.

The Department appreciates your compliance efforts. Should you have any questions or comments, please contact Robert Reid at 239-344-5656 or via e-mail at: Robert.B.Reid@FloridaDEP.gov.

Sincerely,

Landon Reigelman
Environmental Manager
Compliance Assurance Program
South District Office
Florida Department of Environmental Protection

Enclosure: Inspection Report

cc: David Rodriguez, BSU, DRodriguez@bsu.us
Andy Koebel, BSU, AKoebel@bsu.us
Don Woodruff, BSU, DWoodruff@bsu.us
Kim Hoskins, BSU, KHoskins@bsu.us
Valerie Villanueva, BSU, VVillanueva@bsu.us

FLORIDA DEPARTMENT OF Environmental Protection

South District
PO Box 2549
Fort Myers FL 33902-2549
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Facility: Bonita Springs Utility RO WTP 11900 East Terry Street Bonita Springs, FL 34135 Lee County – UIC **Contact E-mail:** JJenkins@bsu.us **File Number:** 186015-005-UO/1X	**WACS ID:** 88275 Operational Permit **Permit Expiration:** October 31, 2022 (Renewal is in Draft) **Well Field Status:** Operational One non-hazardous Class I injection well, IW-1, and associated monitoring well, DZMW-1, for the disposal of reverse osmosis concentrate from Bonita Springs Utilities WTP and secondary treated municipal effluent from Bonita Springs Utilities East and West WRF.

Inspection Date: September 7, 2023	**Purpose of Visit (Inspection Type)**	Bi-Annual (INSP) √ Compliance (INSP) √ Construction (COI) ☐ Enforcement (INSP) ☐ Complaint (CI) ☐ **Other** ☐ ( )		
Wells authorized in permit:	Class I	IW-1	Monitoring wells	DZMW-1
	Class V	N/A	Other	N/A
Wells inspected at visit:	Class I	IW-1	Monitoring wells	DZMW-1
	Class V	N/A	Other	N/A
Is operator's license current and posted? ☒Yes ☐No ☐N/A (OM; only applicable to DW/ASR)				

Facility Contact(s) at time of inspection:	Phone:	Email:
David Rodriguez	(239) 872-6578	DRodriguez@bsu.us

Compliance areas evaluated: (Red is COMET violation codes)

IC: In Compliance; NC: Out of Compliance SC: Significant Non-Compliance NA: Not Applicable, NE: Not Evaluated

Operating Requirements		Monitoring, Records, & Reports		Facility Site Review (OM)		Calibration (OM)	
IC	1. Volume (WI)	IC	6. Records of MOR (MM)	IC	8. Wellheads	IC	14. Pressure Gauges
IC	2. Pressure (IP)	IC	7. Lab Reports (electronic or hard copies) (MR)	IC	9. Annulus Tank	IC	15. Flow Meters
IC	3. Emergency (OM)			IC	10. Rust & Corrosion	NA	16. Chart Recorders
IC	4. Valid Permit (OP)			IC	11. Labeling	IC	17. Other Equipment (SCADA)
IC	5. O&M Manual (OM)			IC	12. Purging	IC	18. Calibration Certificates
				IC	13. Maintenance		

Facility Inspection Worksheet

GENERAL

	Rule	Operating Requirements	N/A	Yes	No	COMET CODE	Notes
1	62-528.415(4)(c)	Emergency Discharge method permitted and operational	☐	☒	☐	(OM)	
2	62-528.415(4)(b)	Abnormal Events reported	☒	☐	☐	(FN)	
3	62-528.307)(1)(l)	Current Permit on site	☐	☒	☐	(OP)	
4	62-528.415(3)	Up-To-Date Operation and Maintenance Manual on site	☐	☒	☐	(OM)	

	Rule	Monitoring, Records, And Reports	N/A	Yes	No	COMET CODE	Notes
5	62.528.307(1)(m)	Monitoring Records & Reports on site and current (MOR's)	☐	☒	☐	(MM)	
6		Specific Injectivity Test available	☐	☒	☐	(MM)	
7		Fall-Off Test available	☐	☒	☐	(MM)	
8	62-528.307(1)(m)	Lab Reports available	☐	☒	☐	(MR)	
9	62-528.307(f)	SCADA System functioning properly	☐	☒	☐	(OM)	

	Pump Station			
10	Total Number of Pumps	N/A	Number of Pumps operating at time of inspection:	N/A
11	Type of Pumps	N/A	Number of pumps operational at time of inspection:	N/A

Injection is directed by residual skid pressure

	Rule	Pump Station	N/A	Yes	No	COMET CODE	Notes
12	62-600.540(4)(h)	Designated Stand-by pump	☒	☐	☐	(OM)	
13	62-600.540(4)(a)	Lightning Arrestor on Pump Station	☒	☐	☐	(OM)	
14	62-528.307(1)(f)	Pump free of leaks	☒	☐	☐	(OM)	
15	62-528.307(1)(f)	Pump station free of rust and corrosion If corroded, note degree (Minor, Moderate, Severe)	☒	☐	☐	(OM)	
16	62-528.307(1)(f)	Pressure gauge operational	☒	☐	☐	(OM)	

Notes: Instead of pumps, injection is directed using residual skid pressure.

Injection Well # IW-1			
1	Rule: 62-528.415(1)(f)	2	Rule: 62-528.415(1)(a)-(c)

Max Flow Permitted	Flow at Inspection	Max Wellhead Pressure	Pressure at Inspection
5100 GPM	530 GPM	105 psi	7.3 psi

	Rule	Injection Well Requirements	N/A	Yes	No	COMET CODE	Notes
3	62-528.307(1)(f)	Injection well labeled by well number	☐	☒	☐	(OM)	
4	62-528.425(1)(b)	Gauges & Flow Meter agree with electronic equipment (SCADA)	☐	☒	☐	(OM)	
5	62-600.540(4)	Manual back-up pressure and flow equipment functioning	☐	☒	☐	(OM)	
6	62-528.425(1)(b)	Flow meter functioning	☐	☒	☐	(OM)	
7	62-528.307(1)(f)	Injection Wellhead free of leaks	☐	☒	☐	(OM)	
8	62-528.307(1)(f)	Injection well / Surface equipment free of rust and corrosion If corroded, note degree (Minor, Moderate, Severe)	☐	☒	☐	(OM)	
9	62-600.540(4)(f)	Pad maintained, not used for storage	☐	☒	☐	(OM)	
10	62-528.307(1)(f)	Sumps are maintained	☒	☐	☐	(OM)	
11	62-528.307(1)(f)	Air release valves free from leaks	☐	☒	☐	(OM)	
12	62-528.415(1)(f)	Maximum Flow within limits	☐	☒	☐	(WI)	
13	62-528.415(1)(a)-(c)	Maximum Pressure within limits	☐	☒	☐	(IP)	
14	62-528.425(1)(b)	Annulus Tank level is readable	☐	☒	☐	(OM)	
15	62-528.307(1)(f) & (m)	Per the MOR, what is the Normal Annular Pressure Range	37 - 46.5 psi				
16	62-528.307(1)(f) & (m)	Annular Pressure within Normal Range (tubing and packer) note PSI	☐	☒	☐	(OM)	42.1
17	62-528.307(1)(f) & (m)	Annular Pressure greater than Injection Pressure (tubing and packer) Note PSI	☐	☒	☐	(OM)	
18	62-528.307(1)(f) & (m)	Pressure Gauge Calibrated	☐	☒	☐	(OM)	
19	62-528.307(1)(f) & (m)	Flow meters Calibrated	☐	☒	☐	(OM)	
20	62-528.307(1)(f) & (m)	Chart recorders Calibrated	☒	☐	☐	(OM)	
21	62-528.307(1)(f) & (m)	Latest Calibration ------Dates:	5/2/2023				

Well Compliance Status:					
☒	In-Compliance	☐	Out-Of-Compliance	☐	Significant Out of Compliance

Notes:

Monitor Well #: DZMW-1				Associated with Injection Well: IW-1	
UPPER ZONE		LOWER ZONE		OTHER	
1 Rule: 62-528.425(1)(g)5		2 Rule: 62-528.425(1)(g)5		3 Rule: 62-528.425(1)(g)5	
Wellhead Pressure	Wellhead Water Level	Wellhead Pressure	Wellhead Water Level	Wellhead Pressure	Wellhead Water Level
N/A	117.1 ft	N/A	104.3 ft	N/A	N/A

	Rule	Monitor Well Requirements	N/A	Yes	No	COMET CODE	Notes
4	62-528.307(f)	Monitor well labeled by well number	☐	☒	☐	(OM)	
5	62-528.307(f)	Sample Ports labeled	☐	☒	☐	(OM)	
6	62-528.425(1)(g)1 62-528.307(f)	Wellhead pressure / Water Level gauges functioning	☐	☒	☐	(OM)	
7	62-528.425(1)(g)1 62-528.307(f)	Wellhead gauges agree with electronic equipment (SCADA)	☐	☒	☐	(MR)	
8	62-528.425(1)(g)1 62-528.307(f)	Transducer in working order	☐	☒	☐	(OM)	
9	62-528.307(1)(f)	Monitor wellhead free from leaks	☐	☒	☐	(OM)	
10	62-528.307(1)(f)	Monitor well / Surface equipment free of rust and corrosion If corroded, note degree (Mild, Moderate, Severe)	☐	☒	☐	(OM)	
11	62-600.540(4)(f)	Pad maintained, not used for storage	☐	☒	☐	(OM)	
12	62-528.307(1)(f)	Sumps are maintained	☒	☐	☐	(OM)	
13	62-528.307(1)(f) & (m)	Pressure Gauge Calibrated	☐	☒	☐	(OM)	
14	62-528.307(1)(f) & (m)	Chart recorders Calibrated	☒	☐	☐	(OM)	
15	62-528.307(1)(f) & (m)	Transducers Calibrated	☒	☐	☐	(OM)	See comments
16	62-528.307(1)(f) & (m)	Latest Calibration -------- Dates:	5/2/2023				
17		Monitoring well purge waters flow to:	IW-1				
18		Monitoring well purge technique:	Submersible pump				
19		Monitoring well volume purged / time needed:	Upper zone: 1677 gal/41 min = 40 gpm Lower zone: 3825 gal/108 min = 35 gpm				

Well Compliance Status:

☒	In-Compliance	☐	Out-Of-Compliance	☐	Significant Out of Compliance

Notes: The transducers are factory calibrated. Thereafter, the accuracy of the transducers is verified by comparing the transducer digital readouts to the readings of the manual pressure gauges. These readings were in-agreement at the time of inspection.

Facility/Well Compliance Status:

☒	In-Compliance	☐	Out-Of-Compliance	☐	Significant Out of Compliance

Comments/Rule or Permit Violations/ Recommended Actions:

Robert B. Reid 09/15/2023	9/25/2023
FDEP Inspector - Date	Inspector's Manager - Date

Bonita Springs Utilities WTP, WACS ID: 88275

Robert Reid

IW-1 and Annulus tank

Annulus tank

DZMW-1

DZMW-1 wellhead

EXHIBIT G

UTILITY CORRESPONDENCE WITH FDEP/COUNTY HEALTH DEPARTMENT AND WATER MANAGEMENT DISTRICT FOR PAST FIVE YEARS

Air Compliance Inspection Report

South District

Florida Department of Environmental Protection

I. GENERAL INFORMATION

Facility Name:	EAST WATER RECLAMATION FACILITY	**AIRS ID:**	0710236
Facility Location:	11550 Operations Way, BONITA SPRINGS, 34135	**County:**	Lee

Responsible Official		**Facility Contact**		**Additional Contact**	
Name:	JAKE HEPOKOSKI	**Name:**	JAKE HEPOKOSKI	**Name:**	
Title:	CHIEF OPERATOR	**Title:**	CHIEF OPERATOR EWRF	**Title:**	
Phone:	(239)-495-4247	**Phone:**	(239) 495-4247	**Phone:**	
E-mail:	JHepokoski@bsu.us	**E-mail:**	JHepokoski@bsu.us	**E-mail:**	
Present for Inspection:	No	**Present for Inspection:**	Yes	**Present for Inspection:**	No

Regulatory Classification:

Title V

Permit(s) in Effect	Issued/Effective	Expiration Date
0710236-005-AV	07/25/2017	07/25/2022
0710236-009-AV	10/31/2019	07/25/2022

Inspection Type:	**Time In:**	**Time Out:**	**Compliance Status:**	**Inspectors Present:**
INS2-Compliance Inspection. Walk Through	10 : 00	11 : 30	IN COMPLIANCE	Katie Ogara

Inspection Date: 02/12/2020

Facility Description and Applicable Regulations:

Subsection A. Facility Description.

This facility consists of a sewage sludge drying system. The facility processes dewatered sludge into Class AA pellets. Dewatered sewage sludge from centrifuges is fed into a dryer. The dryer thermally (using hot air) dries the dewatered sludge to produce a pellet product that meets Class A biosolids requirements. The pellets are stored in silos and trucked off site for disposal.

A wet scrubber collects particulate matter (PM) emissions from the dryer. A second wet scrubber collects particulate matter emissions from the internal bins and conveyors internal to the dryer. The exhaust from the wet scrubbers is discharged to a main plant odor control system whose main function is to control hydrogen sulfide (H2S).

This revision also removes the baghouse that controlled the particulate matter emissions from two storage silos and truck load-outs on each silo and replaces it with a wet scrubber system. This facility is subject to Title 40 Code of Federal Regulations (CFR) Part 61, Subparts A and E, (General Provisions and National Emission Standards for Mercury) and 40 CFR 63 Subparts A and ZZZZ, (General Provisions and National Emission Standards Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines).

Have any changes been made at the facility (administrative and/or physical) since the last inspection? No

II. NONCOMPLIANCE HISTORY

No recent violations to report.

Additional Information:

This facility has no history of non-compliance.

III. INSPECTION SUMMARY

Inspection Summary

I met with Jake Hepokoski to review records and tour the facility.

Regulated Source(s) Evaluated

Type	Source Number	Description	Status	Initial Compliance Status
FAC		Facility Wide		IN COMPLIANCE
EU	3	Emergency CI Rice	ACTIVE	IN COMPLIANCE
EU	4	Rotary Sludge Dryer with heater and 2 dual wet scrubbers	ACTIVE	IN COMPLIANCE

Is control equipment maintained per rule and/or manufacturers recommendations? Yes

Were any compliance/stack tests being conducted at the time of the inspection? No

Was the facility in compliance with facility-wide conditions?:

Pollutant emissions limiting standards for Objectionable odors? Yes

Reasonable precautions to prevent unconfined PM properly maintained and VE standards? Yes

General pollutant emission limiting standards for VOC/Organic Solvents? Yes

Conditions for unregulated/insignificant/exempt units and/or activities? Yes

IV. ON-SITE COMPLIANCE REVIEW

Inspection Narrative

The inspection was conducted per permit conditions:

A.1. Permitted capacity: the sludge dryer (EU 004) did not exceed pellet production of 1,216 lbs/hr for 2019. (Actual production was 807.62 lbs/hr)
B.1. The emergency engine (EU003) hours did not exceed 100 hours for 2019 (actual hours was 35.6). The non-resettable hour meter matches records.
B.6. Facility conducts maintenance on the engine.

No visible emissions or objectionable odors were observed during the walkthrough.

V. OFF-SITE RECORDS REVIEW

Were all monitoring/reporting requirements met? Yes

Explain any pertinent details with regard to monitoring/reporting requirements:

The facility has submitted the 2019 annual Statement of Compliance (SOC) and the 2019 2nd half Semi-Annual Monitoring (SAM) report in a timely manner

VI. ITEMS OF CONCERN

No Items of Concern.

VII. COMMENTS

No additional comments.

VIII. SIGNATURES

Lead Inspector:

Lead Inspector Signature: _____

Supervisor or Reviewer:

Supervisor or Reviewer Signature: _____

FLORIDA DEPARTMENT OF Environmental Protection

South District
PO Box 2549
Fort Myers FL 33902-2549
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

March 3, 2020

Jake Hepokoski, Chief Operator
East Water Reclamation Facility – Bonita Springs Utilities
11550 Operations Way
Bonita Springs, FL 34135
Email: JHepokoski@bsu.us

Re: In Compliance Letter
East Water Reclamation Facility – Bonita Springs Utilities
Facility ID Number 0710236
Lee County - Air

Dear Mr. Hepokoski:

Department personnel conducted an Compliance Evaluation Inspection of the above-referenced facility on February 12, 2020. Based on the information provided during the inspection, the facility was determined to be in compliance. A copy of the inspection report is attached for your records.

The Department appreciates your efforts to maintain this facility in compliance with state and federal rules. Should you have any questions or comments, please contact Katie O'Gara at (239) 344-5690, or via e-mail at: Katie.O'Gara@FloridaDEP.gov.

Sincerely,

Deanna Newburg
Environmental Manager
Compliance Assurance Program
South District Office
Florida Department of Environmental Protection

Enclosure: Inspection Report

Bonita Springs Utilities, Inc.

January 21, 2021

Nicole Devine
Environmental Specialist II
South District Office
P.O. Box 2549
Fort Myers, FL 33902-2549

Subject: Responding to the Warning Letter of October 30, 2019 originating from the Compliance Evaluation Inspection at the Bonita Springs Water Reclamation Facility; FLA014443

Dear Ms. Devine:

This correspondence responds to a Compliance Evaluation Inspection issued by the South District of the Florida Department of Environmental Protection (FDEP) to Bonita Springs Utilities (BSU) on December 30, 2020. The letter originated from a compliance evaluation inspection conducted by FDEP at BSU's West Water Reclamation Facility (WWRF) on October 8, 2020. The letter mentions several possible violations that were observed and asks for a response that covers the items mentioned.

The possible violations noted below appear in same order as presented in the letter followed by a description of the measures that BSU provided or will address to correct any possible violations.

Potential noncompliance #1: *Sampling: The chain of custody was not filled out properly.*

Attached to this reply is the new COC that is filled out with all information that is needed. The lab provides the KIT# on all COC to allow traceability on their end. The lab will provide all of the information that is needed with lot numbers bottle codes and preservatives if used in the sampling kit.

Potential noncompliance #2: *The calibration and verification logs for our online meters (CL2, pH,Turb) were missing: The value/unit of standard, acceptance criteria, and buffers used to calibrate and their lot numbers with expiration dates.*

Attached to this reply is new calibration logs for all of the meters. The new logs show the required unit of measure, acceptance criteria and which standards are used.

Bonita Springs Utilities, Inc.

Potential noncompliance #3: *The facility failed to record start and stop times on the composite samplers.*

The samplers run on timer or flow pacing. Due to this the sampler is most of the time finished sampling before the collection time. Being we are staffed 16 hours a day the time it completes its sampling is while no one is on site. The sample is then collected and restarted for the next day.

Attached you will see our new log books with START and STOP times on it going forward.

Potential noncompliance #4: *The facility failed to submit lab report for December 2019 Nitrate, TKN, and Ammonia.*

Attached you will find the lab report for this month. I had missed it when sending over all the paperwork.

Potential noncompliance #5: *There were several DMR deficiencies found. Mostly pertaining to calculations of CBOD and TSS weekly averages.*

I have just received confirmation on how the Department would like us to calculate our averages. Attached will be all of the completed and reviewed DMRs to be resubmitted. I have worked with the Department on making sure the way I am calculating the averages is correct going forward.

Total Nitrogen was determined by adding nitrate + nitrite + TKN= Total Nitrogen. Attached is the lab sheet with the sample results.

The TSS value of 4.8 was an in-house sample as I do not believe the sample was representative of our process. After discussing with the department, I now know I can not report in house numbers. Going forward I will make sure to do so.

During the time frame of 8/1/19-8/7/19 the west plant was offline for rehab of our headworks structure. I have updated the part B to reflect this.

Potential noncompliance #6: *Failed to submit 4th quarter groundwater DMR 2019 on time and all sheets were not signed.*

It was a minor over sight on our part and will ensure DMR'S going forward will be submitted in a timely manner and each page will be signed. The updated and signed 4th quarter of 2019 groundwater DMR is attached.

Bonita Springs Utilities, Inc.

Potential noncompliance #7: *There were no records of testing for Total P for the month of December.*

Attached you will find the lab report for this month. I had missed it when sending over all the paperwork.

Potential noncompliance #8: *The facility had Permit exceedances. September 2020*

The TSS of 6.1 was reported to us from the Lab. When we received the results, we inputted them into our meter. It caused us to go into reject for the following 9 hours until we were back in compliance. Before the results came in our online meter indicated under and within compliance at a TSS reading of 2.69 mg/L after inputting the lab results we went to 8.08 mg/L. We were in reject until 11:45 pm that night. Since this event we have replaced the online meter with a new unit.

Potential noncompliance #9: *The analysis method, laboratory detection limits or the type of sampling equipment used. The purging log for the 4th quarter 2019 groundwater logs not all columns were filled out. Only one reading of depth to water, the flow rate during sample collection was not recorded, not all purging and sampling equipment had a unique ID, Specifically the purge pump, Sample pump flow rate was not recorded, there was no indication of consecutive water level measurements, no sampling ID was recorded on the sampling form, and the appropriate sampling equipment code was not recorded for each analyte.*

I have reached out to the Department and spoke with Gabriele Starrach about the deficiencies on the DMR'S. I am awaiting clarification on what exactly is missing. The DMR'S I had submitted were all marked with the proper detection limits, analysis methods and sampling equipment. Once I hear back I will communicate any changes that need to be done with our Lab to correct it going forward.

I am awaiting confirmation on what is missing from the purging logs. Attached is a copy of the purge log and the Lab had filled out the information that is said to be missing. If the way they did it is not acceptable I will talk with them once I am notified of the deficiencies I will let them know.

Potential noncompliance #10: *The COC for the 4th quarter was not filled out properly. It was missing the Permit ID, facility information, sample type for each item, the lot numbers, expiration dates of preservatives, Indication if sample bottles were preserved or not and sample temperature was higher than acceptable temp.*

Bonita Springs Utilities, Inc.

The COC indicates which monitoring well they are sampling at the time. Which is traceable to the DMR which states our permit number and Well ID.

The lab has done an internal audit and has issued an action plan for the sampler to include the KIT # which is in reference to bottle lot numbers, expiration dates of preservatives. The COC shows which preservatives were used. The sample was collected the same day it was ran there was an attempt to cool the sample, Per 40 CFR 136 it is then acceptable as is. If the sample were to be brought in 24 hours after sampling then it must meet the 0-6 degrees C prior to test initiation.

Potential noncompliance #11: *Ground water exceedances from old monitoring wells.*

They ask we submit our 2020 4th quarter ground water results on time. I have been actively working with Nicole Devine to get our EzDMR template updated to reflect the change in Monitoring Well locations that were approved by the department middle of 2020.

Bonita Springs Utilities, Inc.

We hope the information provided in this letter and any additional items provided with this letter satisfy the concerns that the department has noted.

If you have further questions or concerns, please do not hesitate to contact me at 239.390.4837

Sincerely,

Cody Karth,
Chief Operator BSU WWRF
Bonita Springs Utilities, Inc.

c: Kim Hoskins – BSU
Andy Koebel - BSU

Attachments

- New Chain of Custody for sampling
- New Calibration logs for Chlorine, Turbidity, pH.
- New Log books for Influent and Effluent samplers showing Start/Stop
- Ammonia lab report
- 4th quarter 2019 Groundwater DMR
- Total P lab Report
- Purging Log for 4th quarter 2019 Groundwater DMR

Sanders Laboratories
Environmental Testing Services

CHAIN OF CUSTODY RECORD

Project # (Lab Use Only)

Client	Bonita Springs Utilities WWRF	Email:	Ckarth@bsu.us	Project Name:	BSU-WEST
Address	8890 Ten Eight St Bonita Springs FL, 34135	Report To:	Cody Karth	Project Location:	Bonita Springs
Permit #	FLA014443	Bill to:	Bonita Springs Utilities Inc.	Customer Type:	Waste Water
Phone	239-390-4837	P.O. #		Kit #:	Lab Use Only
Fax		Preservative: HCL = H, HNO_3= N, $Na_2S_2O_3$ = ST H_2SO_4 = S, NaOH = SH, NH_4Cl = NH		Requested Due Date:	

Sampled By (PRINT)						Preservatives						Analysis Requested										
Sampler Signature			Sample																			
Matrix	Sample Description	Bottle Lot #	Date	Time	Type	pH	Ice	S				CBOD	FECAL	TSS							Total # of Containers	Sample ID # (Lab Use Only)
WW	EFA-01																					
WW	EFA-01																					
WW	EFB-01																					
WW	EFA-02																					
WW	EFA-02																					
WW	EFB-02																					
WW	INF-01																					
WW																						

Preserv			Relinquished By/Affiliation	Date	Time	Accepted By/Affiliation	Date	Time
	Any requests/ comments / Field data	Okay to Run As Is…						
		Client Initial:						
		Samples On Ice						
		Yes No						

1050 Endeavor Ct, Nokomis, FL 34275-3623 (941) 488-8103 fax(941) 484-6774 10090 Bavaria Rd., Fort Myers, FL 33913 (239) 590-0337 fax (239) 590-0536

Month & Year			CL2 meter calibrations									
DATE	TIME	LOCATION					Read 1	Read 2	Average	CLX	20% diff lab to CLX	Name
			mg/L	mg/L	mg/L	mg/L						

Comments

Standards		Lot #		Exp Date	

Month & Year			pH meter calibrations						
DATE	TIME	LOCATION	4.0 S.U.	7.0 S.U.	10.0 S.U.	ON LINE	LAB	20% diff lab to EFA	Name

Comments

Standards		Lot #		Exp Date	

Month & year Date	TIME	LOCATION	Turbidimeter calibrations 10 NTU	Pass cal Y/N	LAB HACH	ONLINE	20% diff lab to MICRO	Name

Comments

Standards		Lot #		Exp Date	

Effluent

Date	Stop Time	start Time	Location	operator	Temp.	Sample Volume	Aliquot Volume	Flow Mode	clean Bottle	Comments	Date	TS
1-5-21	0744	0748	efa1	BCO	2.8	5.5L	100	flow	Yes	restart		
1-5-21	0741	0746	efa2	BCO	4.4	8L	150	Flow	Yes	restart		
1-6-21	0723	0728	efa1	BCO	3.4	5L	100	flow	Yes	restart		
1-6-21	0721	0722 BCO	efa2	BCO	3.4	8L	150	flow	Yes	restart		
1-7-21	0604	0610	efa1	BCO	3.5	4L	100	flow	Yes	restart		
1-7-21	0600	0603	efa2	BCO	4.1	8L	150	flow	Yes	restart		
1-8-21	0755	0756	EFA-1	RP	3.9	7L	100	Flow	yes	Restart for Total P		
1-8-21	0750	0752	EFA2	RP	3.8	8L	150	Flow	yes	Restart for		
1-9-21	0713	Halt	EFB-1	RP	4.1	7L	150	Flow	yes	Halt		
1-9-21	0710	Halt	EFB-2	RP	3.8	Full	150	Flow	yes	Halt		
1-10-21	—	0815	EFA-1	DB	2.2	—	100	Flow	Yes	Start Program		
1-10-21	—	0820	EFA-2	DB	3.2°	—	150	Flow	Yes	Start Prog.		
1-11-21	0757 BCO	0759	efa1	BCO	4.6	5L	100	flow	yes	reset		
1-11-21	0755	0756	efa2	BCO	4.1	8L	150	Flow	Yes	reset		
1-12-21	0612	0615	EFA-1	BCO	4.7	5L	100	Flow	yes	restart		
1-12-21	0608	0611	EFA2	BCO	2.7	8L	150	Flow	yes	restart		
1-13-21	0810	0811	EFA-1	RP	3.3	6L	100	Flow	yes	Restart Program		
1-13-21	0813	0814	EFA2	RP	3.7	8L	160	Flow	yes	Restart Program		
1-14-21	0755	0758	EFA1	BCO	4.6	5L	100	flow	yes	restart		
1-14-21	0759	0802	EFA2	BCO	4.4	8L	150	flow	yes	restart		
1-15-21	0721	Halt	EFA1	RP	7.5	5L	100	Flow	yes	Halt Prog		
1-15-21	0717	Halt	EFA2	RP	3.1	8L	150	Flow	yes	Halt Prog		
1-18-21	0954	0956	EFA1	BCO	5.1	6L	100	Flow	Yes	restart		
1-18-21	0958	1000	EFA2	BCO	4.4	8L	160	Flow	Yes	restart		
1-19-21	0833	0835	EFA1	BCO	4.7	5L	100	Flow	Yes	restart		
1-19-21	0836	0839	EFA2	BCO	4.5	8L	150	Flow	Yes	restart		
1-17-21	—	0921	EFA1	DB	4.7	—	100	Flow	Yes	Start Program		
1-17-21	—	0918	EFA2	DB	4.1	—	160	Flow	Yes	Start Program		
1-20-21	0726	0728	EFA1	BCO	4.3	5L	100	Flow	Yes	restart		
1-20-21	0731	0733	EFA2	BCO	3.1	8L	160	Flow	Yes	restart		

Influent Sampler

Date	Stop Time ~~0607~~	Start Time ~~0612~~	Operator	Temp.	Sample Vol.	Aliquot Vol.	Flow Mode	Clean Bottle	Comments
1-5-21	0607	0612	BCO	2.8	8L	150mL	Flow	Yes	
1-10-21	0	0800	DB	4.6°	—	—	—	Yes	
1-11-21	0804	0808	BCO	2.0	8L	150	Flow	Yes	restart
1-12-21	0618	0620	BCO	3.8	8L	150	Flow	Yes	restart
1-13-21	0821	0823	RP	3.4°	8L	160	Flow	yes	Restart
1-14-21	0817	0820	BCO	3.8	8L	160	Flow	Yes	Restart
1-15-21	0758	Halt	RP	2.3°	8L	160	Flow	yes	Halt Program
1-17-21	Halt	0807	DB	3.8°	—	150	Flow	Yes	Start Program restart
1-18-21	0938	0940	BCO	4.4	8L	160	Flow	yes	~~restart~~
1-19-21	0810	0812	BCO	4.5	8L	160	Flow	yes	restart
1-20-21	0740	0744	BCO	2.1	8L	160	Flow	Yes	restart

Date	Tim Sto

Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337 FAX: (239) 590-0536
Website: www.sanderslabs.net

December 18, 2019

Andy Koebel
Bonita Springs Utilities
11900 East Terry St
Bonita Springs, FL 34135-6127
TEL: 239-390-4958
FAX:

RE: BSU - EFB-1 Nutrient Analysis Order No.: 1912100

Dear Andy Koebel:

Sanders Laboratories, Inc received 2 sample(s) on 12/3/2019 for the analyses presented in the following report.

These results only pertain to the samples as received. These pages may include, but are not limited to: Analytical Data, Chains of Custodies, Subcontracted Data and Case Narratives for samples. Results relate only to the samples in the report.

Reports are archived for a minimum of 5 years. Copies of reports are available for a fee of $50.00. Copies will be provided within 2 weeks of the time of the request.
Laboratory PQL's are available upon request.

Test results meet all the requirements of the NELAP standards, unless otherwise noted.
Nokomis Certificate # E84380 Fort Myers Certificate # E85457

A statement of estimated uncertainty of results is available upon request.
Laboratory report shall not be reproduced except in full, without the written approval of Sanders Laboratories.
Sanders Laboratories follows DEP standard operating procedures for field sampling, unless otherwise noted.

Katie Strothman
Laboratory Director

Original

Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337 FAX: (239) 590-0536
Website: www.sanderslabs.net

Definition Only

WO#: **1912100**

Date: **12/18/2019**

Definitions:

B: Results based upon colony counts outside the acceptable range.

G: Sample value indicates that the analyte was detected at or above the method detection limit in both the sample and the associated field blank, equipment blank, or trip blank, and the blank value was greater than 10% of the associated sample value. The value in the blank shall not be subtracted from associated samples.

I: The reported value is greater than or equal to the laboratory MDL but less than the laboratory PQL.

J: Estimated Value.

J7: Excessive amounts of Sodium Sulfite used to dechlorinate the sample due to high levels of chlorine present.

K: Off scale low, actual value is known to be less than the value given.

L: Off scale high, actual value is known to be greater than the value given.

NC: Not Certified. Parameter was ran but is not covered under laboratory accredited scopes.

Q: Sample held beyond acceptable holding time.

U: The compound was analyzed for, but not detected.

V: Indicates that the analyte was detected at or above the MDL in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value.

Y: The laboratory analysis was from an improperly preserved sample.

Z: Too many colonies were present for accurate counting.

Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337 FAX: (239) 590-0536
Website: www.sanderslabs.net

Analytical Report

(continuous)

WO#: **1912100**

Date Reported: **12/18/2019**

CLIENT: Bonita Springs Utilities **Lab Order:** 1912100

Project: BSU - EFB-1 Nutrient Analysis

Lab ID: 1912100-001 **Collection Date:** 12/3/2019 9:51:00 AM

Client Sample ID: INF **Matrix:** WASTE WATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
AMMONIA				**E350.1**		Analyst: **EH**
Nitrogen, Ammonia	43.6	0.0200		mg/L	1	12/4/2019 3:45:00 PM

Lab ID: 1912100-002 **Collection Date:** 12/3/2019 9:55:00 AM

Client Sample ID: EFB-1 COMP **Matrix:** WASTE WATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
AMMONIA				**E350.1**		Analyst: **EH**
Nitrogen, Ammonia	0.0991	0.0200		mg/L	1	12/4/2019 3:45:00 PM
NITROGEN, NITRATE + NITRITE				**E353.2**		Analyst: **PS**
Nitrogen, Nitrate	1.04	0.0100		mg/L	1	12/5/2019 10:51:00 AM
TOTAL KJELDAHL NITROGEN				**E351.2**		Analyst: **GC**
Nitrogen, Kjeldahl, Total	1.13	0.400		mg/L	1	12/10/2019 12:22:00 PM
NITROGEN, NITRITE				**A4500-NO2-B**		Analyst: **SP**
Nitrogen, Nitrite	0.0300	0.0100		mg/L	1	12/3/2019 2:17:00 PM

Qualifiers:

H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
PL	Permit Limit	RL	Reporting Detection Limit
U	Samples with CalcVal < MDL	W	Sample container temperature is out of limit as specified at testcode

DBPix Evaluation

Sanders Laboratories, Inc.
Environmental & Food Analyses

CHAIN-OF-CUSTODY RECORD

PROJECT # 1912 100 015 123 Acct

Page 1 of 1

Client BSU-WWRF
Address
Phone Fax

Report To: Cody Karth
Bill To: BSU
P.O. #
Preservative: HCl = H, HNO_3 = N, $Na_2S_2O_3$ = ST, H_2SO_4 = S, NaOH = SH, NH_4Cl = NH

Project Name: BSU-WWRF
Project Location: Bonita Springs
Customer Type: WW
Kit # 2215 LAB USE ONLY
REQUESTED DUE DATE

Sampled By (PRINT) Dennis Barnard
Sampler Signature Dennis Barnard

Matrix	SAMPLE DESCRIPTION	Sample DATE	Sample TIME	Sample TYPE	PRESERVATIVES pH	PRESERVATIVES ICE	PRESERVATIVES H_2SO_4	ANALYSES REQUEST NO2	ANALYSES REQUEST NO3	ANALYSES REQUEST TKN	ANALYSES REQUEST NH3	Sample ID #
WW	INF-1	12/3/19	0951	G	2	X	X				X	9A/A
WW	EFB-1		0955	G	2	X	X			X	X	10A 7A
WW	EFB-1	↓	0955	G		X			X	X		10B 2B 12/4/19

Bottle Lot #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Dennis Barnard	12/3/19	1022	Virginia Talbot	12/3/19	1000
	Virginia Talbot	12/6/19	1205	[illegible]	12/3/19	1215

COMMENTS: 3.3

OKAY TO RUN AS IS... CLIENT INITIAL:

SAMPLES ON ICE Yes No

1050 Endeavor Ct. Nokomis, FL 34275-3623 • (941) 234-1000 • FAX 484-6774 • 10090 Bavaria Rd., Fort Myers, FL 33913 • (239) 590-0337 • FAX (239) 590-0536

www.ammara.com

Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337 FAX: (239) 590-0536
Website: www.sanderslabs.net

December 13, 2019

Andy Koebel
Bonita Springs Utilities
11900 East Terry St
Bonita Springs, FL 34135-6127
TEL: 239-390-4958
FAX:

RE: BSU - EFB-1 Nutrient Analysis Order No.: 1912319

Dear Andy Koebel:

Sanders Laboratories, Inc received 1 sample(s) on 12/9/2019 for the analyses presented in the following report.

These results only pertain to the samples as received. These pages may include, but are not limited to: Analytical Data, Chains of Custodies, Subcontracted Data and Case Narratives for samples. Results relate only to the samples in the report.

Reports are archived for a minimum of 5 years. Copies of reports are available for a fee of $50.00. Copies will be provided within 2 weeks of the time of the request.
Laboratory PQL's are available upon request.

Test results meet all the requirements of the NELAP standards, unless otherwise noted.
Nokomis Certificate # E84380 Fort Myers Certificate # E85457

A statement of estimated uncertainty of results is available upon request.
Laboratory report shall not be reproduced except in full, without the written approval of Sanders Laboratories.
Sanders Laboratories follows DEP standard operating procedures for field sampling, unless otherwise noted.

Katie Strothman
Laboratory Director

Original

Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337 FAX: (239) 590-0536
Website: www.sanderslabs.net

Definition Only

WO#: **1912319**

Date: **12/13/2019**

Definitions:

B: Results based upon colony counts outside the acceptable range.

G: Sample value indicates that the analyte was detected at or above the method detection limit in both the sample and the associated field blank, equipment blank, or trip blank, and the blank value was greater than 10% of the associated sample value. The value in the blank shall not be subtracted from associated samples.

I: The reported value is greater than or equal to the laboratory MDL but less than the laboratory PQL.

J: Estimated Value.

J7: Excessive amounts of Sodium Sulfite used to dechlorinate the sample due to high levels of chlorine present.

K: Off scale low, actual value is known to be less than the value given.

L: Off scale high, actual value is known to be greater than the value given.

NC: Not Certified. Parameter was ran but is not covered under laboratory accredited scopes.

Q: Sample held beyond acceptable holding time.

U: The compound was analyzed for, but not detected.

V: Indicates that the analyte was detected at or above the MDL in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value.

Y: The laboratory analysis was from an improperly preserved sample.

Z: Too many colonies were present for accurate counting.

Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337 FAX: (239) 590-0536
Website: www.sanderslabs.net

Analytical Report

(continuous)

WO#: **1912319**

Date Reported: **12/13/2019**

CLIENT: Bonita Springs Utilities **Lab Order:** 1912319

Project: BSU - EFB-1 Nutrient Analysis

Lab ID: 1912319-001 **Collection Date:** 12/7/2019 7:33:00 AM

Client Sample ID: EFB-1 COMP **Matrix:** WASTE WATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
TOTAL PHOSPHOROUS				**E365.4**		Analyst: **GC**
Phosphorus, Total (As P)	3.29	0.0500		mg/L	1	12/13/2019 12:32:00 PM

Qualifiers:

H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
PL	Permit Limit	RL	Reporting Detection Limit
U	Samples with CalcVal < MDL	W	Sample container temperature is out of limit as specified at testcode

Original

DBPix Evaluation

Sanders Laboratories, Inc.
Environmental & Food Analyses

CHAIN-OF-CUSTODY RECORD

PROJECT # 191231 9

Page ____ of ____

Client BSU - WWRF
Address 8890 Ten Eight Street
Bonita Springs, Florida 34135
Phone 239-390-4837 Fax 239-947-1686

Report To: Cody Karth
Bill To: Bonita Springs Utilities INC.
P.O. # ____
Preservative: HCl = H, HNO_3 = N, $Na_2S_2O_3$ = ST, H_2SO_4 = S, NaOH = SH, NH_4Cl = NH

Project Name: BSU - WEST
Project Location: Bonita Springs
Customer Type: WW
Kit # FOR LAB USE ONLY
REQUESTED DUE DATE: ____

Sampled By (PRINT) R. Pugh
Sampler Signature R. Pugh

Matrix	SAMPLE DESCRIPTION	Sample DATE	Sample TIME	Sample TYPE	PRESERVATIVES pH	PRESERVATIVES ICE	PRESERVATIVES S	ANALYSES REQUEST Total P	Sample ID #
WW	EFB-1	12-7-19	0733	C		Y		✓	1A

Bottle Lot #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	R. Pugh / BSU	12-7-19	0759	Virginia Tabor	12/9/19	1133
	Virginia Tabor	12/9/19	1232	[illegible]	12/9/19	1232

COMMENTS: 0.4

OKAY TO RUN AS IS.. CLIENT INITIAL:

SAMPLES ON ICE Yes No

1050 Andover Ct. Nokomis, FL 34275-3693 • (941) 934-1000 • FAX 484-6774 • 10090 Bavaria Rd., Fort Myers, FL 33913 • (239) 590-0337 • FAX (239) 590-0536

www.ammara.com

DBPix Evaluation

DEP-SOP-001/01

Sanders Laboratories
Environmental Testing Services

DEP Form FD 9000-24: SAMPLING LOG

SITE NAME: RCS/BSU | SITE LOCATION: Quarterly MW's 11/2/19
WELL NO: COMW-2 | SAMPLE ID: | DATE:

PURGING DATA

WELL DIAMETER (inches): 4" | TUBING DIAMETER (inches): 1/4in-FP | WELL SCREEN INTERVAL DEPTH: 16 feet to 40 feet | STATIC DEPTH TO WATER (feet): 9.90 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (16.40 feet − 9.90 feet) X 0.65 gallons/foot = 7.47 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11 | PURGING INITIATED AT: 11:45 | PURGING ENDED AT: 12:45 | TOTAL VOLUME PURGED (gallons): 30

TIME	VOLUME PURGED (gallons)	CUMUL VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH EPA 150.1 (standard units)	TEMP EPA 170.1 (°C)	COND EPA 120.1 (circle units) umhos/cm or SAL ppt	DISSOLVED OXYGEN EPA 360.1 (circle units) mg/L or % saturation	TURBIDITY EPA 180.1 (NTUs)	COLOR (describe)	ODOR (describe)
Equipment Serial Numbers				6240	JC020973	JC020973	JC020973	JC020973	18061731		
					DUP		Blank:		Blank:		
							Dup		Dup		
12:00	7.50	7.50	1gpm	5.00	7.87	25.3	687	5.90	5.44	clear	none
12:15	7.50	15.00			7.87	25.4	684	4.32	2.07		
12:30		22.50			7.93	25.4	684	4.22	1.99		
12:45		30.00			7.99	25.3	688	4.18	1.28		

WELL CAPACITY (Gallons Per Foot) 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.) 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jason Govanus | SAMPLER(S) SIGNATURE(S): | SAMPLING INITIATED AT: 12:45 | SAMPLING ENDED AT: 12:47
PUMP OR TUBING DEPTH IN WELL (feet): 11 | TUBING MATERIAL CODE: PE | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y X N TUBING Y N X (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	2	PE	250ml	Ice			TDS, SO4, NO3		
	1						As, Cd, Cu, Pb		
	1	PP	100ml	HNO3			FE		

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

Peristaltic Pump Geotach S/N: 3976 Submersible Pump S/N:019166 Chlorine Meter Hach: S/N: 1808E364895

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Sander Laboratories, Inc. North
1050 Endeavor Ct
Nokomis, Fl
FDOH #E84380

Sanders Laboratories Inc, South
10090 Bavaria Rd
Fort Myers, Fl
FDOH #E85457

Form #: FF-04 Approved by: KS 7/11/2018

www.ammara.com

GROUNDWATER MONITORING REPORT - PART D

Facility Name: Bonita Springs Utilities Water Reclamation (West)
Permit Number: FLA014443-033
County: Lee

Monitoring Well ID: MWB-110692
Well Type: Background
Description: Cedar Creek Background Monitoring Well I (CCMW-1)

Report Frequency: Quarterly
Program: Domestic

Office: South District

Re-submitted DMR: ☐

Monitoring Period From: 10/01/19 To: 12/31/19

Date Sample Obtained: 11/21/19

Time Sample Obtained: 15:01

Was the well purged before sampling? X Yes ____ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545	7.20	Report	ft	Measured	Quarterly	0.01	DEPSOP	Peristalic Pump	N
Nitrogen, Nitrate, Total (as N)	00620	U J 0.04	Report	mg/L	Grab	Quarterly	0.04	EPA 353.2	Peristalic Pump	N
Solids, Total Dissolved (TDS)	70295	194	Report	mg/L	Grab	Quarterly	20	A2540C	Peristalic Pump	N
Chloride (as Cl)	00940	U 3	Report	mg/L	Grab	Quarterly	3.0	A4500-CL-E	Peristalic Pump	N
Sodium, Total Recoverable	00923	3.3	Report	mg/L	Grab	Quarterly	0.27	EPA 200.7	Peristalic Pump	N
Arsenic, Total Recoverable	00978	3.3	Report	ug/L	Grab	Quarterly	0.50	EPA 200.8	Peristalic Pump	N
Cadmium, Total Recoverable	01113	U 0.050	Report	ug/L	Grab	Quarterly	0.050	EPA 200.8	Peristalic Pump	N
Chromium, Total Recoverable	01118	1.1	Report	ug/L	Grab	Quarterly	1.0	EPA 200.8	Peristalic Pump	N
Lead, Total Recoverable	01114	U 0.50	Report	ug/L	Grab	Quarterly	0.50	EPA 200.8	Peristalic Pump	N
Coliform, Fecal	74055	U 1	Report	#/100mL	Grab	Quarterly	1	A9222D	Peristalic Pump	N
Sulfate, Total	00945	4.8	Report	mg/L	Grab	Quarterly	2	ASTM-D516-90	Peristalic Pump	N
pH	00400	7.89	Report	s.u.	In Situ	Quarterly	0.01	EPA 150.1	Peristalic Pump	N
Turbidity	00070	0.66	Report	NTU	In Situ	Quarterly	0.01	EPA 180.1	Peristalic Pump	N
Specific Conductance	00095	340.7	Report	umhos/cm	In Situ	Quarterly	1.0	EPA 120.1	Peristalic Pump	N
Temperature (C), Water	00010	25.9	Report	Deg C	In Situ	Quarterly	0.1	EPA 170.1	Peristalic Pump	N
Oxygen, Dissolved (DO)	00300	3.44	Report	mg/L	In Situ	Quarterly	0.10	EPA 360.1	Peristalic Pump	N

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Cody Karth/Chief Operator	C/O 17828-A	239-390-4837	02/06/2020

COMMENTS AND EXPLANATION (Reference all attachments here):

FLORIDA DEPARTMENT OF Environmental Protection

South District
Post Office Box 2549
Fort Myers, FL 33902-2549
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

December 30, 2020

Kim Hoskins, P.E.
11900 E Terry St
Bonita Springs, FL 34135
Email: khoskins@bsu.us

Re: Compliance Assistance Offer
Bonita Springs Utilities Water Reclamation Facility (West)
Facility ID No. FLA014443
Lee County – DW

Dear Ms. Hoskins:

Department personnel conducted a Compliance Evaluation Inspection of the above-referenced facility on September 11, 2019. Based on the information provided during and following this inspection, the facility was determined to be in compliance for the September 11, 2019 inspection. A link to this inspection report is below and any non-compliance items which may have been identified at the time of the September 11, 2019 have been corrected.

Additionally, a Compliance Evaluation Inspection was conducted for your facility on October 28, 2020. During this inspection, potential non-compliance was noted. The purpose of this letter is to offer compliance assistance as a means of resolving these matters.

Specifically, potential non-compliance with the requirements of Chapter 403, Florida Statutes, Chapters 62-520, 62-522, 62-600, 62-604, 62-610, 62-620, and 62-621, Florida Administrative Code, was observed. Please see the attached inspection report for a full account of Department observations and recommendations.

We request you review the items of concern noted and respond in writing within **30 days** of receipt of this Compliance Assistance Offer. Your written response should include one of the following:

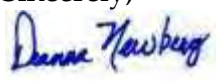
1. Describe what has been done to resolve the non-compliance issue or provide a schedule describing how/when the issues will be addressed,

2. Provide the requested information, or information that mitigates the concerns or demonstrates them to be invalid, or
3. Arrange for the case manager to visit your facility to discuss the items of concern.

It is the Department's desire that you are able to adequately address the aforementioned issues so that this matter can be closed. Your failure to respond promptly may result in the initiation of formal enforcement proceedings. Any document submittals can be made to our email mailbox at SD-WWinspect@Floridadep.gov or may be mailed to the above address.

If you have any questions regarding this matter, please contact Nicole Devine of the South District Office at 239-344-5675 or via e-mail at Nicole.Devine@FloridaDEP.gov. We look forward to your cooperation with this matter.

Sincerely,


for

Jennifer L. Carpenter
Assistant Director of District Management
South District
Florida Department of Environmental Protection

Enclosures: Inspection Report
Link to September 11, 2019 Inspection Report:
https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=38.829170.1]&[profile=Enforcement_Legal]

ec: Cody Karth (via e-mail: CKarth@bsu.us)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
WASTEWATER COMPLIANCE INSPECTION REPORT

Facility Name and Physical Address	WAFR ID	County	Entry Date	Entry Time
Bonita Springs Utilities Water Reclamation Facility (West) 8890 Ten Eight St Bonita Springs. FL 34135	FLA014443	LEE	10/28/2020	08: 00 AM
	Facility Phone # (239) 992 – 0711		**Exit Date** 10/28/2020	**Exit Time** 11: 00 AM

LAT	N 26	°	22	'	31	"
LONG	W 81	°	48	'	17	"

Name(s) of Field Representatives(s) and Title	Operator Certification #	Email	Phone
Cody Karth; Operator	Class A – 0017828	CKarth@bsu.us	(239) 992 - 0711

Name & Address of Permittee / Designated Rep.	Title	Email	Phone
Kim Hoskins P.E. 11900 E Terry St Bonita Springs. FL 34135	Director of Engineering	khoskins@bsu.us	(239) 992 - 0711

Inspection Type	C	E	I		Samples Taken(Y/N): N Pictures Taken(Y/N): Y	Sample ID#:	Samples Split (Y/N) : N

X Domestic ☐ Industrial

FACILITY COMPLIANCE AREAS EVALUATED

IC = In Compliance; MC = Minor Out of Compliance; NC = Out of Compliance; SC = Significant out of Compliance; NA = Not Applicable; NE = Not Evaluated
Significant Non-Compliance Criteria Should be Reviewed when Out of Compliance Ratings Are Given in Areas Marked by a "♦ "

	PERMITS/ORDERS		SELF MONITORING PROGRAM		FACILITY OPERATIONS		EFFLUENT/DISPOSAL
IC	1. ♦ Permit	IC	3. Laboratory	IC	6. Facility Site Review	NC	9. ♦ Effluent Quality
IC	2. ♦ Compliance Schedules	NC	4. Sampling	IC	7. Flow Measurement	IC	10. ♦ Effluent Disposal
		NC	5. ♦ Records & Reports	IC	8. ♦ Operation & Maintenance	IC	11. Biosolids
						NC	12. ♦ Groundwater
NE	14. Other					NC	13. ♦ SSO Survey

Facility and/or Order Compliance Status:	☐ In-Compliance	X Out-Of-Compliance	☐ Significant-Out-Of-Compliance

Recommended Actions: Please see CAO letter and the rest of this report.

Name(s) and Signature(s) of Inspector(s)		District Office/Phone Number	Date
Nicole Devine	Nicole Devine	SD/ (239) 344-5675	11/17/2020
Name and Signature of Reviewer Deanna Newburg	Deanna Newburg	**District Office/Phone Number** SD/ (239) 344-5677	**Date** 12/15/2020

Single Event Violations (*SNC SEVs)				
Check for Yes	Evaluation Area	Description	Finding Description	Finding ID
☐	Permit	Effluent Violations - Unapproved Bypass	Wastewater was diverted from a portion of the treatment process without department approval.	UNBY
☐	*Permit	Permit Violations - Discharge Without a Valid Permit	The facility was operating without a permit or with an expired permit.	UPHI
☐	Permit	Permit Violations - Failure to Submit Timely Permit Renewal Application	The permittee failed to submit an application to renew the existing permit at least 180 days prior to expiration.	PFSA
☐	Laboratory	Management Practice Violations - Laboratory Not Certified	The laboratory was not certified by the National Environmental Laboratory Accreditation Conference (NELAC).	LNCE
☐	Sampling	Monitoring Violations - Analysis not Conducted	The facility failed to collect and/or analyze samples as required by permit or enforcement action.	ANCV
☐	Sampling	Monitoring Violations - Failure to Monitor for Toxicity Requirements	The facility failed to collect and/or analyze routine or follow-up toxicity samples.	FTOX
☐	Records and Reports	Management Practice Violations - Failure to Develop Adequate SPCC Plan	The facility failed to develop or maintain their Spill Prevention Control and Countermeasures (SPCC) plan.	FSPC
☐	Records and Reports	Management Practice Violations - Failure to Maintain Records	The facility failed to maintain records for the required retention period.	FMRR
☐	Records and Reports	Reporting Violations - Failure to Notify	The permittee failed to notify the department of any event or activity that requires notification as required by permit or rule.	RSWP
☒	Records and Reports	Reporting Violations - Failure to Submit DMRs	The permittee failed to submit any DMR required by rule, permit, or enforcement action in a timely manner.	FDMR
☐	Records and Reports	Reporting Violations - Failure to submit required report (non-DMR, non-pretreatment)	The facility failed to submit any report required by rule, permit, enforcement action or inspection activity except for DMRs.	FRPT
☐	Facility Site Review	Management Practice Violations - Improper Land Application (non-503, non-CAFO)	The land application system was not being maintained.	LASN
☐	Flow Measurement	Monitoring Violations - No Flow Measurement Device	The facility failed to install a flow measurement device, an approved flow measurement device, or a working flow measurement device.	NOFL
☐	Operation and Maintenance	Management Practice Violations - Improper Operation and Maintenance	The facility failed to follow their operation and maintenance plan/manual or their Biosolids Nutrient Management Plan.	IONM
☐	Operation and Maintenance	Management Practice Violations - Inflow/Infiltration (I/I)	The facility had an inflow and infiltration problem causing collection system issues and/or operational issues.	ININ
☐	Operation and Maintenance	Management Practice Violations - No Licensed/Certified Operator	The facility was being operated without a certified operator or by an operator that is not licensed for the size of plant.	ONCO
☐	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent acute toxicity has been documented through follow-up tests.	EATX
☐	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent chronic toxicity has been documented through follow-up tests.	ECTX
☐	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent acute or chronic toxicity has been documented in the effluent through the use of routine and follow-up tests.	ETOX
☒	Effluent Quality	Effluent Violations - Narrative Effluent Violation	The facility violated a permit or enforcement narrative effluent limit.	XNEV
☐	*Effluent Quality	Effluent Violations - Reported Fish Kill	The facility had a discharge of wastewater that resulted in a fish kill.	XFSH
☐	Sanitary Sewer Overflow Survey	WW SSO - Discharge to Waters	A sewage spill from any components of a collection/transmission system or from a treatment plant reached surface waters including stormwater conveyance system or drainage ditch.	SSO1
☐	Sanitary Sewer Overflow Survey	WW SSO - Failure to Maintain Records or Meet Record Keeping Requirements	The facility failed to keep routine documentation and reporting records of spills, and/or operation and maintenance activities on the collection/transmission system.	SSO2
☐	Sanitary Sewer Overflow Survey	WW SSO - Failure to monitor	The facility failed to collect and/or analyze bacteriological samples for sewage spills that reached surface waters.	SSO3
☒	Sanitary Sewer Overflow Survey	WW SSO - Failure to report violation that may endanger public health 122.41(l)(7)	The facility failed to report a sewage spill within 24 hours of discovery.	SSO4
☐	Sanitary Sewer Overflow Survey	WW SSO - Improper Operation and Maintenance	The facility failed to perform routine preventative maintenance to keep the collection/transmission system in good working order.	SSO5
☒	Sanitary Sewer Overflow Survey	WW SSO - Overflow to Dry Land	A sewage spill from any part of a collection/transmission system or treatment plant that did not make it to surface waters, i.e., stormwater collection system, drainage ditch, stream, pond, or lake.	SSO6

Facility Treatment Summary: The facility is a conventional activated sludge process domestic wastewater treatment plant. The permitted capacity for the maximum monthly average daily flow (MMADF) is 7.000 million gallons per day (MGD). This facility consists of an odor control system for the headworks, flow splitter, biosolids processing and master lift station; two (2) mechanical bar screens, one (1) manual bar screen, two (2) grit removal systems, flow distribution basin, four (4) oxidation ditches, four (4) secondary clarifiers, two (2) filter units with six (6) filter cells each, four (4) chlorine contact chambers, one (1) reject holding pond, and one (1) wet weather storage pond. The facility has an onsite reject water storage capacity of 6 MG. The facility pipes waste activated sludge to the Bonita Springs East WRF, but the source facility has the ability to stabilize biosolids itself. The biosolids handling units are a de-watering drum thickener, a holding tank, and one (1) belt filter press, RDP sludge cake stabilization blender and conveyor, polymer feed, two (2) sludge transfer pumps, sludge holding and lime mixing process unit

Reuse or Disposal Summary: An existing 7.920 MGD Maximum Daily Flow (MDF) permitted capacity underground injection well system consisting of one Class I underground injection wells permitted under Department permit number 190919-004-UO/IM discharging to Class G-IV groundwater. The permittee discharges reclaimed water to the Resource Conservation System's slow-rate public access system (R-001). R-001 receives reclaimed water from both of the permittee's wastewater treatment facilities. R-001 is a general reuse area that consists of 1,381 acres of the Bonita Bay, Highland Woods, Cedar Creek, and Brooks neighborhoods in Bonita Springs. The system has six (6) lakes and ponds that provide 27.42 MG of wet weather storage. The permitted capacity for the monthly average daily flow to R-001 is 9.749 MGD.

1. Permit (PERM) — In-Compliance

Current Permit Available Onsite?	Yes
Date Permit Issued?	June 17, 2016
Date Permit Expires?	June 16, 2021
Permit Renewal Application Due by?	December 18, 2020
Administrative or Judicial Orders?	NA

	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
1.1 Observation: Is the permit valid?	Yes		UPHI
1.2 Observation: Was Is a copy of the permit available onsite?	Yes	PEOS	PENA
1.3 Observation: Is the facility operated in accordance with the permit?	Yes	PEOP	PEMA
1.4 Observation: Is the permit renewal application in house for review? Additional Comments: The facility submitted the renewal permit application and appropriate processing fee on December 14, 2020, which was due for submittal no later than December 18, 2020.	Yes	PAPR	PSSC
1.5 Observation: Has the facility failed to submit the permit renewal application 180 days prior to the expiration date? Additional Comments: Department record indicate that the current operating permit will expire on June 16, 2021. F.A.C. Rule 62-620.335(1) states that a permittee shall submit an application to renew the existing permit at least 180 days before the expiration date of the existing permit. Timely and sufficient submittal of the renewal application and permit processing is important (and in your best interest) as it automatically extends the expiration date on the existing permit until the Department takes fi-	No	PFSA	PSSC

nal action on the renewal application. A tardy application could result in non-compliance. Your renewal application and permit processing fee must be submitted no later than December 18, 2020. It was submitted on December 14, 2020.			
1.6 Observation: Has the permittee for the facility changed?	No	PSSC	
1.7 Observation: Is the permit accompanied by a Consent Order or Administrative Order?	No	PEAO	
1.8 Observation: Is wastewater diverted from a portion of the treatment process without Department approval?	No	UNBY	
1.9 Observation: Is the facility discharging to waters of the state without an appropriate FDEP permit?	No	PDWS	
1.10 Observation: Does the facility have a substantial plant modification placed into service without Department approval?	No	UNPM	

2. Compliance Schedules (COMS) In-Compliance

Compliance Schedule in Permit met?	Yes
Compliance Schedule(s) in Order are being met?	NA

	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
2.1 Observation: Is the facility under a compliance schedule? Additional Comments: Please see the table below for a more detailed description of the improvement schedule outlined in the permit.	Yes	PSSC	

Improvement Actions	Date Due	Completed?
a. The permittee shall provide the Department the results of sampling ground water monitoring wells specified in the facility's Department-approved monitoring plan for the primary and secondary drinking water parameters include in Chapter 62-550, F.A.C. (excluding asbestos, acrylamide, Dioxin, butachlor, epichlorohydrin, pesticides, and PCBs, unless reasonably expected to be a constituent of the discharge or an artifact of the site). Additional volatile and semi volatile parameters as specified in the groundwater monitoring plan or permit shall be analyzed.	07/15/2016	Yes

b. The permittee shall develop a contingency plan for the possibility that RCS will not accept the re-claimed water from the Utility.	12/1/2016	Yes		
c. The permittee shall refurbish the Parkson Sand Filters north bank control components and panels.	12/31/2016	Yes		
2.2 Observation: Is the facility meeting the compliance schedule?		Yes	CSCP	CFSI

3. Laboratory (LABS) — In-Compliance

Contract Lab Name and Certification #	Sanders Laboratories Inc. South E85457
Facility DOH Certification #	E85457

	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
3.1 Observation: Does the facility have a laboratory onsite or a contract with a laboratory? Additional Comments: The facility has a contract with Sanders Laboratories Inc. South (E85457) to analyze the samples outlined in their permit. The laboratory then submits the samples results back to the facility, who is responsible for properly and correctly reporting those results on their DMRs.	Yes	PSSC	PSSC
3.2 Observation: Is the laboratory certified by the National Environmental Laboratory Accreditation Conference (NELAC)? Additional Comments: Sanders Laboratories Inc. South (E85457) issued on 07/01/2020 and expires on 06/30/2021.	Yes	LACD	LNCE

4. Sampling (SAMP) — Out-of-Compliance

Sampling conducted during inspection?	No
Sampling observed during inspection?	No
Sampling conducted at locations identified by the permit?	Yes
Safe access to sampling locations?	Yes

	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
4.1 Observation: Is there continuous monitoring? Additional Comments: The facility is permitted to continuously monitor the following for their underground injection well (U-001): Flow (FLW-01) located at the well head, pH (EFA-01) located at the south outlet weir of the chlorine contact chamber (CCC), and pH (EFA-02) located at the north outlet weir of the CCC. The facility is permitted to continuously monitor the following for their reuse system (R-001): pH (EFA-01) located at the south outlet weir of the chlorine contact chamber (CCC), pH	Yes	PSSC	PSSC

(EFA-02) located at the north outlet weir of the CCC, total residual chlorine (TRC) (EFA-01) located at the south outlet weir of the CCC, TRC (EFA-02) located at the north outlet weir of the CCC, turbidity (EFB-01) located at the south filter bank, and turbidity (EFB-02) located at the north filter bank.

U-001 Sample Parameters, Frequency and Locations

			Reclaimed Water Limitations		Monitoring Requirements			
Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Flow	MGD	Max	7.920	Daily Maximum	Continuous	Recording Flow Meter with Totalizer	FLW-01	See I.A.4
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	5 Days/Week	24-hr FPC	EFA-01 & EFA-02	
Solids, Total Suspended	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	5 Days/Week	24-hr FPC	EFB-01 & EFB-02	
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	Continuous	Meter	EFA-01 & EFA-02	See I.A.3

Monitoring Site Number	Description of Monitoring Site
FLW-01	Flow meter on the well head.
EFA-01	Outlet weir of the South chlorine contact chamber to stilling wells prior to reuse storage, reject storage, and/or public access reuse sites.
EFA-02	Outlet weir of the North chlorine contact chamber to stilling wells prior to reuse storage, reject storage, and/or public access reuse sites.
EFB-01	Filter weir overflow from the South filter bank prior to inlet of chlorine contact chamber.
EFB-02	Filter weir overflow from North filter bank prior to inlet of chlorine contact chamber.

R-001 Sample Parameters, Frequency and Locations

			Reclaimed Water Limitations		Monitoring Requirements			
Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Flow	MGD	Max Max	9.749 Report	Monthly Average Annual Average	Continuous	Calculated	CAL-04	See I.B.10
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	5 Days/Week	24-hr FPC	EFA-01 & EFA-02	
Solids, Total Suspended	mg/L	Max	5.0	Single Sample	4 Days/Week	Grab	EFB-01 & EFB-02	
Coliform, Fecal	#/100mL	Max	25	Single Sample	4 Days/Week	Grab	EFA-01 & EFA-02	
Coliform, Fecal, % less than detection	percent	Min	75	Monthly Total	4 Days/Week	Calculated	EFA-01 & EFA-02	See I.B.4
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	Continuous	Meter	EFA-01 & EFA-02	See I.B.3
Chlorine, Total Residual (For Disinfection)	mg/L	Min	1.0	Single Sample	Continuous	Meter	EFA-01 & EFA-02	See I.B.5 and I.B.8
Turbidity	NTU	Max	Report	Single Sample	Continuous	Meter	EFB-01 & EFB-02	See I.B.6 and I.B.8
Nitrogen, Total	mg/L	Max	Report	Single Sample	Monthly	Grab	EFB-01 & EFB-02	
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	Monthly	24-hr FPC	EFB-01 & EFB-02	
Giardia	cysts/100L	Max	Report	Single Sample	Bi-annually; every 2 years	Grab	EFA-01 & EFA-02	See I.B.9
Cryptosporidium	oocysts/100L	Max	Report	Single Sample	Bi-annually; every 2 years	Grab	EFA-01 & EFA-02	See I.B.9

Monitoring Site Number	Description of Monitoring Site
CAL-04	The sum of the flows to the East WRF and the West WRF minus the flow to the well.
EFA-01	Outlet weir of the South chlorine contact chamber to stilling wells prior to reuse storage, reject storage, and/or public access reuse sites.
EFA-02	Outlet weir of the North chlorine contact chamber to stilling wells prior to reuse storage, reject storage, and/or public access reuse sites.
EFB-01	Filter weir overflow from the South filter bank prior to inlet of chlorine contact chamber.
EFB-02	Filter weir overflow from North filter bank prior to inlet of chlorine contact chamber.

			Limitations		Monitoring Requirements			
Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Flow	MGD	Max Max	7.000 Report	Monthly Average 3-Month Rolling Average	Continuous	Recording Flow Meter with Totalizer	FLW-03	See I.C.4
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	3-Month Rolling Average	Monthly	Calculated	CAL-01	
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	5 Days/Week	24-hr FPC	INF-01	See I.C.3
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	5 Days/Week	24-hr FPC	INF-01	See I.C.3

Monitoring Site Number	Description of Monitoring Site
FLW-03	Influent flow meter with totalizer and recorder located at the influent line going to the headworks.
CAL-01	Calculated from the FLW-03 flow measurements.
INF-01	Influent sample point taken from the influent line going to the headworks.

4.2 Observation: Are samples being collected and analyzed as required by the permit or enforcement action?	Yes		ANCV
4.3 Observation: Is the facility conducting analysis properly for $CBOD_5$?	Yes		SACB
4.4 Observation: Are the TSS samples collected after filtration and prior to chlorination?	Yes		SASS
4.5 Observation: Is sample collection being performed in accordance with DEP SOP-001/01?	Yes	SOPF	SSOP
4.6 Observation: Are samples being collected in the proper containers in accordance with 40 CFR Part 136, Table II? Additional Comments: The COCs do not indicate the type of sampling bottles and/or containers used. Please see Section 4.10 for permit/rule reference and the corrective actions.	See Observation	PSSC	PSSC
4.7 Observation: Are samples being located at locations specified in the permit?	Yes		SWLO
4.8 Observation: Are the sample locations safe?	Yes	SSAP	SAFA
4.9 Observation: Is the chain of custody form maintained for samples?	Yes		SCOC
4.10 Deficiency: Is the chain of custody form filled out properly? Additional Comments: The COCs does not include the following information: Permit ID, name and address of the facility; number of bottles collected and analyzed; the start and stop time of composite sampling events (see Section 4.25); temperature of samples; they type of container(s) used; the lot number(s) and expiration date(s) of	No		SCHC

preservative(s); and indication if sample bottles were pre-preserved or preserved at the time of sampling. Permit/Rule Reference: F.A.C. Rule 62-620.610(18)(e) states that field activities. Including onsite tests and sample collection, shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in F.A.C. Chapter 62-160. The full list of DEP SOPs is available online at: https://floridadep.gov/dear/quality-assurance/content/dep-sops. Corrective Actions: Please submit documentation to the Department detailing how the facility will ensure that all sampling events meet DEP SOPs. This documentation should include any additional forms (i.e. field sampling sheets) that the facility may use to ensure proper recording and collection of all samples.			
4.11 Observation: Are samples preserved properly?	Yes		SNPP
4.12 Observation: Are samples placed on ice?	Yes		SNPI
4.13 Observation: Are samples that were collected in greater frequency than required by the permit also reported on the discharge monitoring reports (DMRs)?	Yes		SASF
4.14 Observation: Are the calibration standards and/or buffers expired?	No	CSBO	CBST
4.15 Observation: Is the pH meter calibrated daily?	Yes		SAPC
4.16 Deficiency: Are the calibration/verification logs for the pH meter complete? Additional Comments: The calibration logs for the pH meter does not include the following: Value and/or unit of standard; acceptance criteria for calibration/verification; standards and/or buffers used for calibration and their respective lot number(s) and expiration date(s). Permit/Rule Reference: F.A.C. Rule 62-620.610(18)(e) states that field activities. Including onsite tests and sample collection, shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in F.A.C. Chapter 62-160. The full list of DEP SOPs is available online at: https://floridadep.gov/dear/quality-assurance/content/dep-sops. Corrective Actions: Please submit an updated calibration/verification log to the Department that includes all required and relevant information.	No		PSSC
4.17 Observation: Is the pH calibration bracketed?	Yes		SAPB
4.18 Observation: Is the chlorine meter calibrated daily?	Yes		STRC
4.19 Deficiency: Are the calibration/verification logs for the chlorine meter complete? Additional Comments: The calibration logs for the chlorine meter does not include the following: Value and/or unit of standard; acceptance criteria for calibration/verification; standards and/or buffers used for calibration and their respective lot number(s) and expiration date(s). Permit/Rule Reference: F.A.C. Rule 62-620.610(18)(e) states that field activities. Including onsite tests and sample collection, shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in F.A.C. Chapter	No		PSSC

62-160. The full list of DEP SOPs is available online at: https://floridadep.gov/dear/quality-assurance/content/dep-sops. Corrective Actions: Please submit an updated calibration/verification log to the Department that includes all required and relevant information.			
4.20 Deficiency: Are the calibration/verification logs for the turbidity meter complete? Additional Comments: The calibration logs for the turbidity meter does not include the following: Value and/or unit of standard; acceptance criteria for calibration/verification; standards and/or buffers used for calibration and their respective lot number(s) and expiration date(s). Permit/Rule Reference: F.A.C. Rule 62-620.610(18)(e) states that field activities. Including onsite tests and sample collection, shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in F.A.C. Chapter 62-160. The full list of DEP SOPs is available online at: https://floridadep.gov/dear/quality-assurance/content/dep-sops. Corrective Actions: Please submit an updated calibration/verification log to the Department that includes all required and relevant information.	No		PSSC
4.21 Observation: Are self-monitoring records maintained in an organized manner?	Yes		SASM
4.22 Observation: Does the facility have composite sampling?	Yes		
4.23 Observation: Are temperature measurement devices routinely checked against NIST thermometers?	Yes		SATM
4.24 Observation: Is a thermometer present at the influent and/or effluent composite sampler?	Yes		SNTP
4.25 Deficiency: Do records show the beginning and end times of composite sampling? Additional Comments: Records indicate the beginning times of the composite sampling, but not the end times. While the facility is required to collect a composite sample of 24-hr FPC, an end time on the sampling records is required. Permit/Rule Reference: F.A.C. Rule 62-620.610(18)(e) states that field activities. Including onsite tests and sample collection, shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in F.A.C. Chapter 62-160. The full list of DEP SOPs is available online at: https://floridadep.gov/dear/quality-assurance/content/dep-sops. Permit/Rule Reference: F.A.C. Rule 62-160.240(3)(c)(5) states that the date and time of sample collection, including date and time sample collection ended (if collecting a composite sample) shall be provided when requested by the Department. Corrective Actions: Please submit an updated record and/or log sheet of your composite sampler(s) to the Department that includes all required and relevant information.	No		SABE
4.26 Observation: Is the name of the composite sampler provided?	Yes		SANM

4.27 Observation: Is the influent and/or effluent composite sampler intake line coated with residue or scum?	No	SIAS	
4.28 Observation: Does the composite samples purge correctly after each aliquot?	Yes		SASP
4.29 Observation: Does the influent samples contain supernatant, filter backwash, or return activated sludge (RAS)?	No	SINF	

5. Records and Reports (RRPT) Out-of-Compliance

Documents/Records Reviewed	
Discharge Monitoring Reports (DMRs)	From 06/01/2019 To 11/30/2020

	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
5.1 Observation: Are copies of the operator license current and onsite? Additional Comments: Robert H Pugh Class C (0007086) issued on 04/06/2019; Robert John Izzo Class C (0015129) issued on 04/10/2019; Cody Karth Class A (0017828) issued on 02/01/2019; Scott Roderick Becker Class C (0024094) issued on 04/05/2019; Dennis Barnard Class A (0006574) issued on 04/04/2019; Stephen Russell Cook Class A (0009700) issued on 04/22/2019; Dennis Thomas White Jr Class A (0018613) issued on 04/15/2019; and Anthony Rivoli Class C (0022720) issued on 04/05/2019. All licenses expire on 04/30/2021.	Yes	OCAO	ROPL
5.2 Observation: Is a copy of the current laboratory certification available onsite? Additional Comments: Sanders Laboratories Inc. South (E85457) issued on 07/01/2020 and expires on 06/30/2021.	Yes	LCAI	LCNA
5.3 Deficiency: Does the facility have all records of sampling available and complete? Additional Comments: The lab report (1912015) for December 2019 did not include analyzed results for Nitrate (NO_3), TKN or Ammonia (NH_3) even though samples were collected on 12/03/2019. Permit/Rule Reference: F.A.C. Rule 62-620.610(18)(e) states that field activities. Including onsite tests and sample collection, shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in F.A.C. Chapter 62-160. The full list of DEP SOPs is available online at: https://floridadcp.gov/dcar/quality-assurance/content/dcp-sops. Corrective Actions: Please submit documentation to the Department explaining why these results were not included in the laboratory report. If these results are missing, please re-submit the DMR from December 2019 to reflect the actual laboratory results for Total Nitrogen.	No		RECD
5.4 Observation: Are the DMRs submitted on the proper form?	Yes		RDMR
5.5 Observation: Is an authorized representative signing the DMRs?	Yes		RARS
5.6 Observation: Does a review of the DMRs reveal any deficiencies?	Yes	RDMV	RRDS

Additional Comments: Please see the table(s) below for a more detailed description of the deficiencies found in the DMR review.

Permit/Rule Reference: F.A.C. Rule 62-600.650 (5) states that the owner, manager, or operator of a domestic wastewater facility, or agent or employee thereof, shall not submit misleading, false, or inaccurate information or operational reports to the Department, either knowingly or through neglect.

Corrective Actions: Please correct all deficiencies found in the DMRs and re-submit them to the Department. When re-submitting DMRs, please ensure that the re-submittal box is checked off on all re-submitted DMRs. Also, please submit documentation to the Department describing how the facility determined the Total Nitrogen value (2.29 mg/L) for the December 2019 DMR and the TSS value (4.8 mg/L) for the specific date of 12/19/2020. Additionally, please submit documentation to the Department detailing the delayed sampling and/or reporting on DMR Part B from 08/01/2019 to 08/07/2019.

Date	Monitoring	Parameter	Description	Result	Result	Limit	Units	Statistical Base
Nov-19	RMP-1	P B0008	Biosolids Quantity (Landfilled)		DNP	Report	dry tons	MP - Monthly Total
Oct-19	RMP-2	P B0007	Biosolids Quantity (Transferred)		DNP	Report	dry tons	MP - Monthly Total

Monitoring Period	Transcription and Calculation Errors
SEP-2020	-CBOD EFA-02 (PARM Code 80082 A) weekly average transcribed incorrectly on both R-001 and U-001 -TSS EFB-02 (PARM Code 00530 Q) weekly average transcribed incorrectly
AUG-2020	-CBOD EFA-02 (PARM Code 80082 A) weekly average transcribed incorrectly on both R-001 and U-001
JUL-2020	-Missing sample results in Part B DMR for Turbidity, pH, and TRC on 07/18/2020 and 07/19/2020 -No values in DMR Part B for EFA-01 and EFB-01 (no use of codes to explain lack of values) -CBOD EFA-02 (PARM Code 80082 A) weekly average transcribed incorrectly on both R-001 and U-001 -TSS EFB-02 (PARM Code 00530 Q) weekly average transcribed incorrectly
JUN-2020	-No values in DMR Part B for EFA-01 and EFB-01 (no use of codes to explain lack of values) -CBOD EFA-02 (PARM Code 80082 A) weekly average transcribed incorrectly on both R-001 and U-001
MAY-2020	-CBOD EFA-02 (PARM Code 80082 A) weekly average transcribed incorrectly on both R-001 and U-001 -CBOD EFA-02 (PARM Code 80082 Q) monthly average calculated and/or transcribed incorrectly -TSS EFB-02 (PARM Code 00530 Q) weekly average transcribed incorrectly
APR-2020	-CBOD EFA-01 (PARM Code 80082 A) weekly average transcribed incorrectly on both R-001 and U-001 -Turbidity EFB-01 (PARM Code 0070 B) maximum value transcribed incorrectly -TSS EFB-01 (PARM Code 00530 P) weekly average transcribed incorrectly
MAR-2020	-CBOD EFA-01 (PARM Code 80082 A) weekly average transcribed incorrectly on both R-001 and U-001 -TSS EFB-01 (PARM Code 00530 P) weekly average transcribed incorrectly
FEB-2020	-CBOD EFA-01 (PARM Code 80082 A) weekly average transcribed incorrectly on both R-001 and U-001
JAN-2020	-DMR could not be reviewed as DMR Part B did not have any codes or monitoring site information
DEC-2019	- DMR could not be fully reviewed as DMR Part B did not have any codes or monitoring site information -No values in DMR Part B for EFA-02 and EFB-02 (no use of codes to explain lack of values) -CBOD EFA-01 (PARM Code 80082 A) weekly average transcribed incorrectly on both R-001 and U-001 -Not all staff is recorded on DMR Part B -The re-submittal box was not checked off for U-001 -Total Nitrogen value is inconsistent with the lab reports -Some monitoring locations have 0.0 value when NOD should be used -TSS Exceedance in lab report but not in DMR Part A or B
NOV-2019	-DMR could not be fully reviewed as DMR Part B did not have any codes or monitoring site information
OCT-2019	-CBOD EFA-02 (PARM Code 80082 A) monthly average transcribed incorrectly on both R-001 and U-001 -TSS EFB-02 (PARM Code 00530 Q) monthly average transcribed incorrectly
SEP-2019	-DMR could not be fully reviewed as DMR Part B contained "0" for sampling data (i.e. CBOD)
AUG-2019	-Facility is not recording sampling from 08/01/2019 to 08/07/2019 -CBOD EFA-02 (PARM Code 80082 A) weekly average transcribed incorrectly on both R-001 and U-001 -Flow FLW-03 (PARM Code 50050 1) monthly average calculated incorrectly -TSS EFB-02 (PARM Code 00530 Q) weekly average transcribed incorrectly

JUL-2019	-DMR could not be fully reviewed as DMR Part B did not have any codes or monitoring site information			
JUN-2019	-CBOD EFA-02 (PARM Code 80082 A) weekly average transcribed incorrectly on both R-001 and U-001			
5.7 Observation: Is the facility submitting fraudulent data?		No	RSFD	
5.8 Observation: Is there failure to correct incomplete/deficient DMRs for 30 days or more after Department notice?		No	RDID	
5.9 Observation: Are the DMRs submitted more than 30 days late?		No	RDLA	
5.10 Deficiency: Has the facility failed to submit any DMR required by rule, permit, or enforcement action in a timely manner? Additional Comments: The 4th Quarter (OCT-2019 to DEC-2019) groundwater DMR was submitted/received late. The Department received the results 02/06/2020. Permit/Rule Reference: F.A.C. Rule 62-520.600(11)(b) states that on a quarterly basis, or as specified in the permit, the permittee shall submit reports on all monitoring wells identification the type, number and concentration of discharge constituents or parameters that have been approved by the Department as appropriate criteria to monitor in the monitoring program based upon their potential to exceed the minimum criteria contained in F.A.C. Rule 62-520.400 and the appropriate standards for the particular class of water adjacent to the zone of discharge as described in F.A.C. Rule 62-520.420 through 62-520.470. Corrective Actions: Please ensure that all DMRs are submitted to the Department in a timely manner.		Yes	FDMR	
5.11 Observation: Does the facility have two or more DMRs not submitted to the Department within a 6-month period?		No	RD26	
5.12 Deficiency: Are all required documents and reports available at the plant well organized and complete? Additional Comments: The facility does not have the record(s) of Total Phosphorus sampling (COCs or lab reports) for the month of December 2019. Permit/Rule Reference: F.A.C. Rule 62-620.350 states the unless the permit specifically indicates an alternative location, the permittee shall maintain the following records on the site of the permitted facility or activity and make them available for inspection: Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the samples or measurement was taken; Copies of all reports, other than those required in subsections (1), (4), and (9), of this rule, required by the permit for a least three years from the date the report was prepared; Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed; Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., or for at least three years from the date of sampling or measurement; A copy of the current permit; A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.; A copy of any required record drawings; Copies of the licenses of the current operators if the facility is required by Chapter 62-699, F.A.C., to have certified operators; and, Copies of the logs and schedules		No	RALL	PSSC

showing plant operating and equipment maintenance for three years from the date on the logs or schedules. Corrective Actions: Please submit the COC and lab reports for Total Phosphorus to the Department.			
5.13 Observation: Does the facility maintain records of their daily calibration of their pH meter?	Yes		RRPH
5.14 Observation: Does the facility maintain records of their daily calibration of their chlorine meter?	Yes		RTRC
5.15 Observation: Does the facility maintain records of their daily checks of their in-line meter(s) with their field meter(s)?	Yes		RDIM
5.16 Observation: Is a copy of the Operation and Maintenance (O & M) Manual available onsite?	Yes		ROMM
5.17 Observation: Has the permittee submitted an annual Reclaimed Water and/or Effluent Analysis Report?	Yes		RARR
5.18 Observation: Is the annual Reclaimed Water and/or Effluent Analysis report on the correct form?	Yes		GFOR
5.19 Observation: Does the facility submit their monitoring results for Giardia and Cryptosporidium in a timely manner?	Yes		RNGC
5.20 Observation: Has the facility failed to maintain the records onsite for the required retention period?	No	FMRR	
5.21 Observation: Are records well organized?	Yes	RORG	
5.22 Observation: Is the logbook available onsite?	Yes		RNOM
5.23 Observation: Are the entries in the operator logbook clear, concise, informative and relevant?	Yes	ROPC	
5.24 Observation: Is the logbook complete and contains all required information?	Yes	LOGI	RLOG
5.25 Observation: Has the permittee failed to notify the Department of any event or activity that requires notification as required by permit or rule?	No	RSWP	
5.26 Observation: Has the facility failed to submit any report required by rule, permit, enforcement action or inspection activity, except for DMRs?	No	FRPT	

6. Facility Site Review (FACS) In-Compliance

Facility Site Review (Plant/Site Grounds)	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
6.1 Observation: Are odors emanating from the facility and permeating beyond the plant site at the time of the inspection?	No	FAFO	FANO
6.2 Observation: Is there excessive noise which could be heard beyond the boundaries of the facility?	No	FAEN	

6.3 Observation: Are facility grounds well maintained?	Yes	FACM	FGNM
6.4 Observation: Is the area surrounding the facility overgrown with vegetation?	No	FAVE	
6.5 Observation: Is the site secured properly?	Yes	FAPS	FNPS
6.6 Observation: Is the fence around the facility compromised?	No	FAAC	
6.7 Observation: Is adequate lighting available at the facility?	Yes		FAAL
6.8 Observation: Are rags, grit and/or screening being disposed on the facility grounds?	No	FARG	
6.9 Observation: Is sludge being disposed on the facility grounds?	No	FASL	
6.10 Observation: Is leachate from the screening dumpster(s) discharging onto the facility grounds?	No	FLDG	
6.11 Observation: Is the leachate discharging to a nearby storm drain?	No	FLDS	
6.12 Observation: Is there adequate access to all monitoring locations?	Yes		FAMA

Facility Site Review (RPZ)	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
6.13 Observation: Is an RPZ in place on the potable water supply line?	Yes	RPZI	FANB
6.14 Observation: Is the RPZ(s) leaking and/or in need of a repair and/or replacement?	No	RRPZ	RPOK
6.15 Observation: Is a record of testing available on the RPZ(s)? Additional Comments: Records indicate that the two RPZ at the plant were tested and certified on 10/13/2020.	Yes	PSSC	FARB
6.16 Observation: Are there any cross connections between the potable water supply and the facility?	No	FACC	

Facility Site Review (Headworks)	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
6.17 Observation: Are there excessive odors emanating from the headworks?	No		FNEO
6.18 Observation: Is there excessive corrosion in the area surrounding the headworks?	No	FECO	
6.19 Observation: Are screenings and grit being collected in suitable containers?	Yes	FSGS	FANC
6.20 Observation: Are screenings and grit being disposed at a Class I Landfill?	Yes	FSG1	FAC1
6.21 Observation: Are records of the disposal of the screenings and grit collected at the headworks available?	Yes	FSRA	FARD
6.22 Observation: Is the disposal of the screenings and grit being placed on drying beds and causing vector attraction?	No	FADB	
6.23 Observation: Is there excessive debris on the bar screen?	No	FEDA	FBSC
6.24 Observation: Is the mechanical bar screen operational?	Yes		FMSF

6.25 Observation: Is the bar screen damaged?	No	FBCD	
6.26 Observation: Does the operator logbook indicate that the bar screen is cleaned routinely?	Yes		FABS
6.27 Observation: Is there evidence of recent overflows at the headworks?	No	FARO	
6.28 Observation: Is the odor control system operational?	Yes		FOCF
6.29 Observation: Is the comminutor operational?	Yes		FCNF
6.30 Observation: Is the grit separator operational?	Yes		FCSF

Facility Site Review (Aeration Basin(s))	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
6.31 Observation: Is the aeration basin providing adequate mixing?	Yes	FACG	FABM
6.32 Observation: Is thick foam observed in the aeration basin(s)?	No	FWBF	
6.33 Observation: Is excessive foaming being carried over into the clarifiers?	No	FFOA	
6.34 Observation: Is the clock for the aeration system control operational?	Yes	FCLO	FTCA
6.35 Observation: Is the return activated sludge (RAS) line properly located so that it comes in contact with the influent?	Yes	FRLP	FRIL
6.36 Observation: Is there excessive splashing from the RAS line causing solids to be discharged outside the tank?	No	FESR	
6.37 Observation: Are odors emanating from the oxidation ditch?	No	FEOD	
6.38 Observation: Are brushes and/or paddles missing and/or broken?	No	FBMB	
6.39 Observation: Is the velocity in the oxidation ditch sufficient to prevent set-tling of solids?	Yes		FVOD
6.40 Observation: Is the mixed liquor (MLSS) in the oxidation ditch black in color?	No	FBML	

Facility Site Review (Clarifier(s))	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
6.41 Observation: Is the clarifier effluent clear and free of solids?	Yes	FCLR	FESO
6.42 Observation: Are solids discharging over the clarifier weir(s)?	No	FCSD	
6.43 Observation: Is there excessive sand and/or grit accumulated in the clarifier?	No	FPES	
6.44 Observation: Is excessive scum and/or trash overflowing from the clarifier?	No	FAEX	
6.45 Observation: Does the skimmer appear to be functional?	Yes	FSKP	FSTH
6.46 Observation: Is the sludge pump functional?	Yes		FSPF
6.47 Observation: Is the RAS very watery indicating the pump is not functioning?	No	FRAS	
6.48 Observation: Is the sludge collector functional?	Yes		FSCF
6.49 Observation: Are the clarifier weir(s) level?	Yes	FCWA	FCWL

6.50 Observation: Are the clarifier weir(s) overgrown with algae?	No	FCWC	
6.51 Observation: Is there evidence of short circuiting in the clarifier?	No	FSHO	
6.52 Observation: Is gasification occurring to cause solids to rise to the surface?	No	FGAS	

Facility Site Review (Chlorine Contact Chamber(s))	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
6.53 Observation: Is the Chlorine Contact Chamber (CCC) effluent clear with no scum or debris observed?	Yes	FCCC	FOAT
6.54 Observation: Is it free of an accumulation of solids?	Yes		FSOL
6.55 Observation: Are the baffles functioning as intended?	Yes	FBMD	
6.56 Observation: Does the chlorine injection point provide optimal mixing to occur?	Yes		FCIP
6.57 Observation: Is the chlorine pump operational?	Yes	FPRI	
6.58 Observation: Is there an adequate chlorine supply for disinfection?	Yes		FCNO
6.59 Observation: Is the chlorine storage area protected from the elements?	Yes		FCHL
6.60 Observation: Does the facility have an alarm for their chlorine system?	Yes		
6.61 Observation: Is the alarm indicator for the chlorine system operational?	Yes	FALO	FALR

Facility Site Review (Filter(s))	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
6.62 Observation: Is the filter plugged and/or overflowing?	No	FSFP	
6.63 Observation: Did the filter contain sufficient media?	Yes	FHSM	F1FM
6.64 Observation: Is the media filter covered with solids?	No	FSFM	

Facility Site Review (Lift Station(s))	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
6.65 Observation: Is the area around the lift station(s) maintained?	Yes		FLAO
6.66 Observation: Are there warning signs with emergency contact information on and/or around the lift station(s)?	Yes		FNWS
6.67 Observation: Does the facility have a gate around their lift station(s)?	Yes		
6.68 Observation: Is the gate around the lift station locked?	Yes		FGLL
6.69 Observation: Is the cover to the lift station(s) locked?	Yes		FCLL
6.70 Observation: Is the cover to the lift station(s) a safety hazard?	No	FLCR	
6.71 Observation: Are there two functioning pumps that alternate?	Yes		FL2R
6.72 Observation: Are both pumps at the lift station functional?	Yes		FLPN
6.73 Observation: Does the electrical panel need to be repaired and/or replaced?	No	FREW	

6.74 Observation: Is the lift station(s) warning system functional? Additional Comments: Bonita Springs Country Club LS and Robin Way LS have a functional audio and visual warning system.	Yes	PSSC	FWSN
6.75 Observation: Is an RPZ in place on the potable water supply line?	Yes	RPZI	NRPZ
6.76 Observation: Is there a record of testing available on the RPZ? Additional Comments: Records indicate that the Robin Way LS RPZ was tested and certified in 10/2020.	Yes		FARB

Facility Site Review (Alternative Power Source)	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
6.77 Observation: Was an alternative power source available at the facility?	Yes	FHAP	FNAP
6.78 Observation: Is the onsite generator tested under load on a monthly basis?	Yes	FOGT	FGNT
6.79 Observation: Are records available for the testing of the generator?	Yes	FTRA	FROT

7. Flow Measurement (FLOW) In-Compliance

Flow Meter Present and Location as per Permit?	Yes
Easy Access to Flow Meter?	Yes
Date of Last Flow Meter Calibration?	07/30/2020

Flow Meter Location	FLW-01 Well Head; FLW-03 Influent Line
Flow Meter Type	Mag Meter

	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
7.1 Observation: Is the flow measuring device installed?	Yes		NOFL
7.2 Observation: Is the flow measuring device installed properly?	Yes	FLPI	FLII
7.3 Observation: Is the flow measurement device operational?	Yes		PSSC
7.4 Observation: Is a copy of the flow calibration report current? Additional Comments: Records indicate that the flow meters were calibrated and certified on 7/30/2020.	Yes	FCRP	FLDC
7.5 Observation: Is the flow measurement device calibrated properly?	Yes	FLCO	
7.6 Observation: Is the flow measurement device operating within +/- 10% of the actual flow?	Yes	F10A	

8. Operation and Maintenance (OPMA) In-Compliance

Facility being operated as per permit?	Yes

	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
8.1 Observation: Is a certified operator operating the wastewater treatment facility with the appropriate license level for the size of the plant?	Yes	O602	ONCO
8.2 Observation: Is the operator performing treatment plant operation and maintenance duties in a responsible and professional manner?	Yes	OMPM	OPMM
8.3 Observation: Does the facility have adequate plant staffing?	Yes		OAST
8.4 Observation: Are the any of the features at the plant in disrepair providing for an unsafe work environment?	No	HCTR	
8.5 Observation: Are leaks noted on the exterior of the tanks, wall, and/or pipes of the facility?	No	LITP	
8.6 Observation: Is the facility operated in accordance with the Operations and Maintenance (O & M) Manual(s)?	Yes		IONM
8.7 Observation: Is the facility maintaining a log documenting routine equipment maintenance?	Yes		OLOG
8.8 Observation: Are critical spare parts available?	Yes	OSPA	OSPN
8.9 Observation: Does the facility have an inflow and infiltration problem causing collection system issues and/or operational issues?	No	ININ	
8.10 Observation: Does the facility fail to replace malfunctioning equipment, which resulted in a high potential for water supply quality or health impacts?	No	OFRE	
8.11 Observation: Is the facility operating in a manner that results in a high potential for water quality violations?	No	OHPV	
8.12 Observation: Does the facility fail to perform maintenance, which resulted in a high potential for water quality violations?	No	OFPM	

9. Effluent Quality (EFLQ) Out-of-Compliance

DMR Review Period	From 06/01/2019 To 11/30/2020
Any Exceedances?	Yes

	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
9.1 Observation: Is the effluent clear?	Yes	EFCL	
9.2 Observation: Is excessive foaming observed in the final discharge stream?	No	EFOA	
9.3 Observation: Is suspended solids, scum and/or color observed in the final effluent stream?	No	ETSS	
9.4 Observation: Are grease balls observed in the final effluent stream?	No	EGRE	
9.5 Observation: Is a visible sheen observed in the final effluent stream?	No	EOIL	

9.6 Observation: Is the final effluent excessively turbid?	No	ETUR	
9.7 Observation: Did you sample the effluent?	No	EVIO	EFNS
9.8 Observation: Is the effluent within the acceptable total residual chlorine (TRC)? Additional Comments: At the time of the inspection the TRC = 7.86 mg/L	Yes	ECRA	E5RC (0.5 mg/L) E1VI (1.0 mg/L)
9.9 Deficiency: Does the facility violate the permit or enforcement narrative effluent limitation(s)? Additional Comments: Please see the table below for a more detailed description of the effluent exceedances found in the DMR review. Permit/Rule Reference: F.A.C. Rule 62-600.410(1) states that all domestic wastewater facilities shall be operated and maintained in accordance with the applicable provisions of this chapter and related regulations as to attain, at a minimum, the reclaimed water or effluent quality required by the wastewater facility permit. Corrective Actions: Please submit documentation to the Department detailing how the facility will avoid violating a permitted effluent limitation.	Yes	XNEV	

Table of Effluent Exceedances

Date	Monitoring	Parameter	Description	Result	Result	Limit	Units	Statistical Base
Sep-20	EFB-02	P 00530	Solids, Total Suspended		6.1	5.0	mg/L	MB - Maximum

9.10 Observation: Is the facility violating an effluent limitation four out of six months?	No	PSSC	
9.11 Observation: Is the TRC below the minimum requirement for 10% or more in a six-month timeframe?	No	EC10	
9.12 Observation: Does the facility have a discharge that resulted in a fish kill?	No	XFSH	

10. Effluent Disposal (EFLD) In-Compliance

Facility Discharging?	Yes
Discharge Location(s) as per Permit?	Yes

	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
10.1 Observation: Is the facility discharging?	Yes	EDAI	ENOD
10.2 Observation: Is advisory signage posted around the disposal site(s)?	Yes		EWAR
10.3 Observation: Is an aerosol mist leaving the boundaries of the land application?	No	EMIS	
10.4 Observation: Is the facility operating an unauthorized disposal system?	No	PSSC	
10.5 Observation: Is the disposal system failing resulting in a high potential for water quality and/or health impacts?	No	PSSC	

10.6 Observation: Is the facility modifying their disposal system without proper approval?	No	PSSC	

Effluent Disposal (Reuse)	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
10.7 Observation: Is all plastic reclaimed water equipment color-coded Pantone purple?	Yes	522O	522C
10.8 Observation: Are the reclaimed water valves and outlets appropriately tagged and/or labeled?	Yes		EDND
10.9 Observation: Is the public adequately notified of the use of reclaimed water?	Yes		ENOT
10.10 Observation: Is a cross connection control program implemented within reuse areas?	Yes	ICCP	ECCC
10.11 Observation: Is the facility meeting the minimum setback distance?	Yes	E421	ESET
10.12 Observation: Is the reclaimed water running off the application site?	No	EROF	
10.13 Observation: Is significant ponding observed on the reclaimed water disposal site?	No	EPON	
10.14 Observation: Is a cover crop and/or vegetation been planted on the reclaimed water area(s)?	Yes		ECRO
10.15 Observation: Are edible food crops being irrigated with the reclaimed water?	No	EEAT	
10.16 Observation: Does the reclaimed water storage ponds have adequate freeboard?	Yes		E3FB

11. Biosolids (RESS) In-Compliance

	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
11.1 Observation: Does the facility maintain adequate records for sludge hauling? Additional Comments: The facility send their biosolids to Bonita Springs Utilities East WRF which is reported on their monthly RMP-Q DMR.	See Observation	PSSC	PSSC
11.2 Observation: Are the biosolids being disposed of in accordance with the permit? Additional Comments: The facility send their biosolids to Bonita Springs Utilities East WRF which is reported on their monthly RMP-Q DMR.	Yes	RMET	RDIS

12. Groundwater Quality (GWQL) Out-of-Compliance

DMR Review Period	From 06/01/2019 To 09/30/2020
Any Exceedances?	Yes
All monitoring wells accessible, secured and locked?	Yes

	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
12.1 Observation: Is the facility exempt from groundwater monitoring?	No	GWEX	
12.2 Observation: Are the groundwater monitoring wells locked and secured?	Yes	GLCS	GLOC
12.3 Observation: Are the groundwater monitoring wells labeled?	Yes		PSSC
12.4 Observation: Are wells that are no longer in service been plugged and properly abandoned? Additional Comment: The facility has submitted a revision to their groundwater monitoring program, which includes the abandonment of their old groundwater wells for the installed wells at the BSU East facility. The Department has approved this through a permit revision, issued to the facility on 09/15/2020. The old groundwater wells, at Cedar Creek, are going to be abandoned. Please ensure that the Department is informed of this well abandonment.	NE	PSSC	GPIE
12.5 Observation: Is the facility sampling at wells that are not part of the approved groundwater monitoring plan?	No	GAGP	
12.6 Observation: Are any of the groundwater monitoring wells damaged?	No		
12.7 Observation: Are the groundwater monitoring results sent to the Department on the correct form?	Yes		GWRF
12.8 Deficiency: Are the groundwater monitoring results sent to the Department on time? Additional Comments: The 4th Quarter (OCT-2019 to DEC-2019) groundwater DMR was submitted/received late. The Department received the results 02/06/2020. Permit/Rule Reference: F.A.C. Rule 62-520.600(11)(b) states that on a quarterly basis, or as specified in the permit, the permittee shall submit reports on all monitoring wells identification the type, number and concentration of discharge constituents or parameters that have been approved by the Department as appropriate criteria to monitor in the monitoring program based upon their potential to exceed the minimum criteria contained in F.A.C. Rule 62-520.400 and the appropriate standards for the particular class of water adjacent to the zone of discharge as described in F.A.C. Rule 62-520.420 through 62-520.470. Corrective Actions: Please ensure that all DMRs are submitted to the Department in a timely manner. No further action required.	No		GNSU
12.9 Observation: Is the facility sampling for the correct groundwater monitoring parameters?	Yes		GPWP
12.10 Observation: Is the facility sampling according to the frequency in the permit?	Yes		GWOP
12.11 Deficiency: Is the analysis method identified on the groundwater monitoring report? Additional Comments: There is no analysis method, laboratory detection limits or the type of sampling equipment used on the groundwater DMRs from 04/01/2019 to 03/31/2020. Permit/Rule Reference: F.A.C. Rule 62-610.412(2) states that a groundwater monitoring program shall be established by the permittee and approved by the Department	No		GANA

pursuant to F.A.C. Rule 62-522.600 (unless other exempted). Groundwater sampling parameters for monitoring background and receiving water quality will be established by the Department based upon the quality of reclaimed water to be discharged, site specific soil and hydrogeologic characteristics, and other considerations. Corrective Actions: Please re-submit the DMRs to the Department with all information included. When re-submitting DMRs, please ensure that the re-submittal box is checked off.			
12.12 Deficiency: Are the laboratory detection limits provided on the groundwater monitoring report? Additional Comments: There is no analysis method, laboratory detection limits or the type of sampling equipment used on the groundwater DMRs from 04/01/2019 to 03/31/2020. Permit/Rule Reference: F.A.C. Rule 62-610.412(2) states that a groundwater monitoring program shall be established by the permittee and approved by the Department pursuant to F.A.C. Rule 62-522.600 (unless other exempted). Groundwater sampling parameters for monitoring background and receiving water quality will be established by the Department based upon the quality of reclaimed water to be discharged, site specific soil and hydrogeologic characteristics, and other considerations. Corrective Actions: Please re-submit the DMRs to the Department with all information included. When re-submitting DMRs, please ensure that the re-submittal box is checked off.	No	GOKI	GDET
12.13 Observation: Is the static water reported on the groundwater monitoring report?	Yes	GSLR	GSTA
12.14 Observation: Does any of the groundwater monitoring reports reveal that the wells were too dry to sample?	No	GDRY	
12.15 Deficiency: Did a review of the groundwater DMRs reveal any deficiencies? Additional Comments: The groundwater DMR (Part D) had the following deficiencies for the 4th Quarter (OCT-2019 to DEC-2019); The certification statement was only signed for the monitoring group MWB and not for each monitoring group. Permit/Rule Reference: F.A.C. Rule 62-600.650 (5) states that the owner, manager, or operator of a domestic wastewater facility, or agent or employee thereof, shall not submit misleading, false, or inaccurate information or operational reports to the Department, either knowingly or through neglect. Corrective Actions: Please re-submit the 4th Quarter groundwater DMR to the Department with all deficiencies corrected. When re-submitting DMRs, please ensure that the re-submittal box is checked off.	Yes	PSSC	
12.16 Observation: Does the facility have records of their purging logs?	Yes		PSSC
12.17 Observation: Are the wells purged properly?	Yes	GWPP	GRNC
12.18 Deficiency: Is the purging log and groundwater sampling form filled out properly?	No		PSSC

Additional Comment: The purging log for the 4th Quarter (OCT-2019 to DEC-2019) had the following deficiencies; Not all columns were completely filled out, there was only one reading of purge rate and depth to water; the flow rate during sample collection was not recorded; not all purging and sampling equipment had a unique ID, specifically the purge pump; sample pump flow rate was not recorded; there was no indication of consecutive water level measurements; no sampling ID was recorded on the sampling data form; and the appropriate sampling equipment code was not recorded for each analyte. Permit/Rule Reference: F.A.C. Rule 62-620.610(18)(e) states that field activities. Including onsite tests and sample collection, shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in F.A.C. Chapter 62-160. The full list of DEP SOPs is available online at: https://floridadep.gov/dear/quality-assurance/content/dep-sops. Corrective Actions: Please submit documentation to the Department detailing how the facility will ensure that all sampling events meet DEP SOPs. This documentation should include any additional forms (i.e. field sampling sheets) that the facility may use to ensure proper recording and collection of all samples.			
12.19 Deficiency: Is the COC for groundwater filled out properly? Additional Comment: The COC for the 4th Quarter (OCT-2019 to DEC-2019) had the following deficiencies; Permit ID and facility information was not indicated; the sample type (i.e. grab/composite) was not reported for each item; the lot number(s) and expiration date(s) of preservative was not documented; indication if sample bottles were pre-preserved or preserved at the time of sampling; and the sample temperature at the time of receipt was higher than the acceptable temperature. Permit/Rule Reference: F.A.C. Rule 62-620.610(18)(e) states that field activities. Including onsite tests and sample collection, shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in F.A.C. Chapter 62-160. The full list of DEP SOPs is available online at: https://floridadep.gov/dear/quality-assurance/content/dep-sops. Corrective Actions: Please submit documentation to the Department detailing how the facility will ensure that all sampling events meet DEP SOPs. This documentation should include any additional forms (i.e. field sampling sheets) that the facility may use to ensure proper recording and collection of all samples.	No		PSSC
12.20 Observation: Is the laboratory report for groundwater completed?	Yes		PSSC
12.21 Deficiency: Are there any exceedances from the groundwater monitoring results? Additional Comments: Please see the table below for a more detailed description of the groundwater exceedances found in the DMR review. The facility has submitted a revision to their groundwater monitoring program, which includes the abandonment of their old groundwater wells for the installed wells at the BSU East facility. The Department has approved this through a permit revision, issued to the facility on 09/15/2020. Permit/Rule Reference: F.A.C. Rule 62-610.412(2) states that a groundwater monitoring program shall be established by the permittee and approved by the Department	Yes	GVIO	GNOD

pursuant to F.A.C. Rule 62-522.600 (unless other exempted). Groundwater sampling parameters for monitoring background and receiving water quality will be established by the Department based upon the quality of reclaimed water to be discharged, site specific soil and hydrogeologic characteristics, and other considerations. Corrective Actions: Please ensure that the 4th Quarter 2020 groundwater results are submitted on time. In the event that groundwater exceedances continue, a meeting will need to be arranged with the Department to discuss potential causes.			

Table of Groundwater Exceedances

Monitoring Period	Compliance Well(s)	Background Well(s)	Limit(s)
JUL-2020 to SEP-2020	*MWC-110695* TDS: 1,000 mg/L	*MWB-110692* TDS: 130 mg/L	500.0 mg/L
	MWC-110710 TDS: 610 mg/L	*MWB-110692* TDS: 130 mg/L	500.0 mg/L
APR-2020 to JUN-2020	*MWC-110694* pH: 6.38 s.u.	*MWB-110692* pH: 6.7 s.u.	6.5 s.u. – 8.5 s.u.
	MWC-110710 TDS: 540 mg/L	*MWB-110692* TDS: 190 mg/L	500.0 mg/L
JAN-2020 to MAR-2020	*MWC-110694* pH: 6.37 s.u.	*MWB-110692* pH: 6.64 s.u.	6.5 s.u. – 8.5 s.u.
	MWC-110695 TDS: 670 mg/L	*MWB-110692* TDS: 166 mg/L	500.0 mg/L
JUL-2019 to SEP-2019	*MWC-110694* pH: 6.48 s.u.	*MWB-110692* pH: 6.49 s.u.	6.5 s.u. – 8.5 s.u.
	MWC-110695 TDS: 760 mg/L	*MWB-110692* TDS: 120 mg/L	500.0 mg/L
APR-2019 to JUN-2019	*MWC-110695* TDS: 640 mg/L	*MWB-110692* TDS: 450 mg/L	500.0 mg/L

13. SSO Survey (SSOS) — Out-of-Compliance

Does the facility have an Operating and Maintenance Manual for their collection system?	Yes
Does the facility track spills in their collection system?	Yes
Does the facility have procedures for minimizing spills?	Yes
Are those procedures included in the Operation and Maintenance Manual or a separate document?	Yes
How often is the Manual updated?	As Needed

	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
13.1 Deficiency: Does the facility have any abnormal events? Additional Comments: The facility has had a total number of 6 spills within the last twelve months. Please see the table below for a more detailed description of the SSOs. Permit/Rule Reference: F.A.C. Rule 62-604.130 states that the release or disposal of excreta, sewage, or other wastewaters or residuals without providing proper treatment	Yes	PSSC	

approved by the Department; construction or operation of a wastewater collection system not in compliance with this rule; or any act otherwise violating provisions of this rule or any other rules of the Department.

Corrective Actions: The facility submitted required notification of each spill and a final 5-day report as required including proper cleanup and corrective actions. These reports were reviewed by the Department using an SSO Evaluation Tool, which was implemented July 1, 2019. According to this new guidance on how to evaluate Sanitary Sewer Overflows (SSO) statewide, each SSO incident is evaluated and rated and the appropriate document is filed/issued. Either a memo to file, a Compliance Assistance Offer, or Warning Letter is sent for each incident. For the February 2020 – August 2020, they have been addressed as they occurred as memo-to-files. The November spills will be addressed in a separate correspondence. No further response is required at this time.

Table of SSOs

Location of SSO	Date of SSO	Date SSO Reported	SSO Volume (Gal.)	SSO Characteristic	Area Affected	SSO Cause
27211 Belle Rio Dr	11/29/2020	11/29/2020	200	Raw	Ground	Equipment
8890 Ten-Eight St	11/03/2020	11/04/2020	30,000	Partially Treated	Ground	Equipment
10105 Avonleigh Dr	08/19/2020	08/19/2020	200	Raw	Ground	Equipment
9050 Bonita Beach Rd	08/10/2020	08/12/2020	100	Raw	Ground	Equipment
26280 S. Tamiami Trl	05/08/2020	05/08/2020	900	Raw	Ground	Equipment
26720 Bonita Fairway Blvd	04/01/2020	04/01/2020	5	Raw	Ground	Equipment
22160 Sundancer Ct	02/01/2020	02/01/2020	1,000	Raw	Ground; Stormwater	Grease Blockage

13.2 Deficiency: Does the facility report the spill(s) to the Department within 24 hours of discovery? Additional Comments: The facility failed to respond orally within 24-hours for an SSO that occurred on 08/10/2020 at 9050 Bonita Beach Road. Based off the submitted Abnormal Event Report, the Department was not contacted until 08/12/2020. Permit/Rule Reference: F.A.C. Rule 62-620.610(20) states that the permittee shall report to the Department any noncompliance which may endanger health of the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. Corrective Actions: Please ensure that the Department is notified orally within the 24 hours required timeframe. No further response is required at this time.	No		SS04
13.3 Observation: Does the facility follow up on spills?	Yes		PSSC
13.4 Observation: Are there any spills that made it to surface water, include stormwater conveyance system and/or drainage ditch?	No	SS01	
13.5 Observation: Is the facility sampling for any spills that reached surface water(s)?	NA		SS03

13.6 Deficiency: Are there any spills released to the ground? Additional Comments: Please see the table in Section 13.1 for a more detailed description of the SSOs. Permit/Rule Reference: F.A.C. Rule 62-604.130 states that the release or disposal of excreta, sewage, or other wastewaters or residuals without providing proper treatment approved by the Department; construction or operation of a wastewater collection system not in compliance with this rule; or any act otherwise violating provisions of this rule or any other rules of the Department. Corrective Actions: The facility submitted required notification of each spill and a final 5-day report as required including proper cleanup and corrective actions. These reports were reviewed by the Department using an SSO Evaluation Tool as they occurred and were addressed by this process. No further response is required at this time.	Yes	SS06	
13.7 Observation: Does the facility keep routine documentation and reporting records of spills, and/or operation and maintenance activities on the collection/transmission system(s)?	Yes		SS02
13.8 Observation: Does the facility have an emergency response plan including the collection/transmission system(s)?	Yes		PSSC
13.9 Observation: Does the facility perform routine preventative maintenance to keep the collection/transmission system(s) in good working order?	Yes		SS05

14. Other (OTHE) Not Evaluated

	Inspection Result	For DEP Use Only Database Codes	
		Yes	No
14.1 Observation: Not Evaluated.	NE	NENE	NENE

Bonita Springs Utilities Water Reclamation Facility (West) (FLA014443)
Photos by Nicole Devine on 10/28/2020

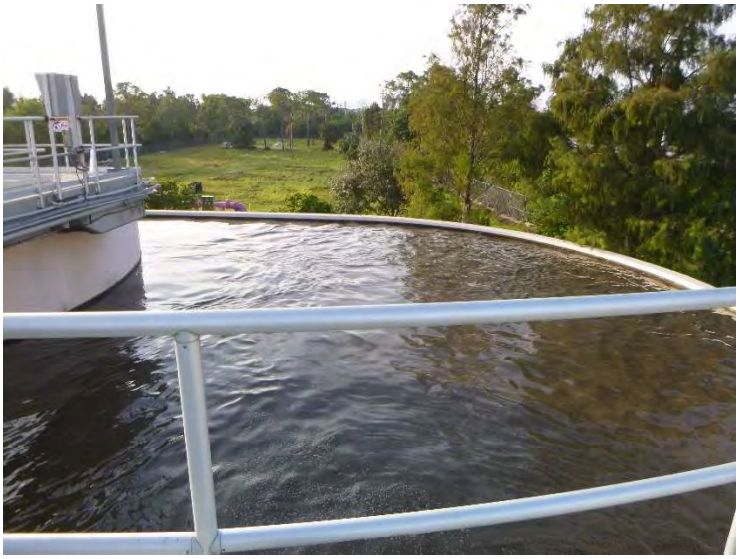
I certify that these photos represent the true on-site conditions observed and have not been altered in any way.

Nicole Devine

1. Influent Lift Station

2. Dumpster for Headworks

3. Mechanical Bar Screens



4. Oxidation Ditch

Bonita Springs Utilities Water Reclamation Facility (West) (FLA014443)
Photos by Nicole Devine on 10/28/2020

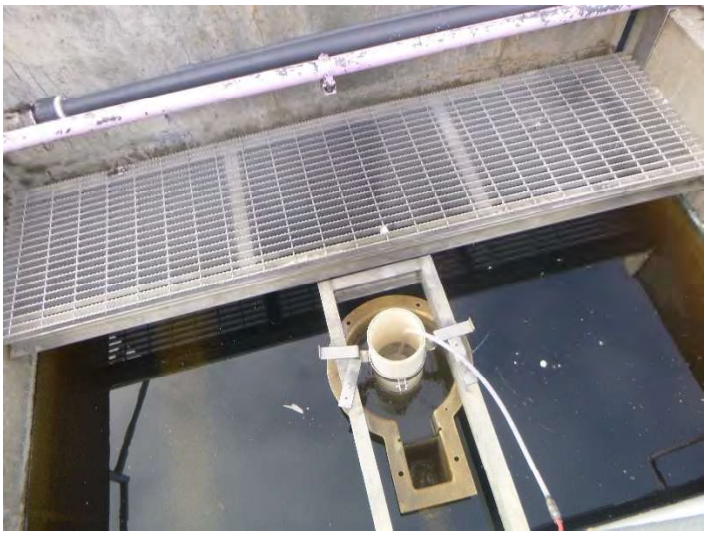
I certify that these photos represent the true on-site conditions observed and have not been altered in any way.

Nicole Devine

5. Oxidation Ditch

6. Clarifier

7. RAS/WAS Pumps



8. Filter

Bonita Springs Utilities Water Reclamation Facility (West) (FLA014443)
Photos by Nicole Devine on 10/28/2020

I certify that these photos represent the true on-site conditions observed and have not been altered in any way.

Nicole Devine

9. CCC

10. Effluent Composite Sampler

11. Generator

12. Holding Pond

Bonita Springs Utilities Water Reclamation Facility (West) (FLA014443)
Photos by Nicole Devine on 10/28/2020

I certify that these photos represent the true on-site conditions observed and have not been altered in any way.

Nicole Devine

13. Lift Station

14. RPZ at Lift Station

15. Groundwater Well

16. Reuse Sign

FLORIDA DEPARTMENT OF Environmental Protection

South District Office
2295 Victoria Ave, Suite 364
Ft. Myers, Florida 33901-3875

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

February 11, 2021

In the Matter of an
Application for Permit by:

Bonita Springs Utilities, Inc.
Kim Hoskins
11860 E Terry St
Bonita Springs, Florida 34135-6127
khoskins@bsu.us

Lee County – Domestic Wastewater
File Number FLA014443-037-DW1P
Bonita Springs Water Reclamation (West)

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number FLA014443 to operate the Bonita Springs Water Reclamation (West), issued under Chapter 403**,** Florida Statutes.

Monitoring requirements under this permit are effective on August 1, 2021. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

Petition for Administrative Hearing
A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;
(b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative,

if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;

(c) A statement of when and how the petitioner received notice of the agency decision;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;

(f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and

(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@FloridaDEP.gov. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the notice or within 14 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise provided to all persons substantially affected by the decision. While you are not required to publish notice of this action, you may elect to do so pursuant Rule 62-110.106(10)(a), F.A.C.

The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C. If you do not publish notice of this action, this waiver may not apply to persons who have not received a clear point-of-entry.

Extension of Time

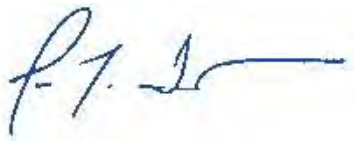
Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@FloridaDEP.gov, before the deadline

for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation
Mediation is not available in this proceeding.

Judicial Review
Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.

EXECUTION AND CLERKING
Executed in Ft. Myers, Florida.
STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



_____
Jon M. Iglehart
Director of District Management

Attachment:
Permit No. FLA014443-037

CERTIFICATE OF SERVICE
The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

Diana Francois, P.E., Jacobs Engineering Group, Inc., diana.francois@jacobs.com

FILING AND ACKNOWLEDGMENT
FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.

February 11, 2021

Clerk Date

FLORIDA DEPARTMENT OF
Environmental Protection

South District
Post Office Box 2549
Fort Myers, FL 33902-2549
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

August 23, 2022

Kim Hoskins, Director of Engineering
11900 E Terry St
Bonita Springs, FL 34135
Email: khoskins@bsu.us

Re: Compliance Assistance Offer
Bonita Springs Utilities East WRF
Facility ID No. FLA012343
Lee County – DW

Dear Ms. Hoskins:

A Compliance Evaluation Inspection was conducted at your facility on May 31, 2022. During this inspection, potential non-compliance was noted. The purpose of this letter is to offer compliance assistance as a means of resolving these matters.

Specifically, potential non-compliance with the requirements of Chapter 403, Florida Statutes, and Chapters 62-621 Florida Administrative Code, was observed. Please see the attached inspection report for a full account of Department observations and recommendations.

We request you review the items of concern noted and respond in writing within **30 days** of receipt of this Compliance Assistance Offer. Your written response should include one of the following:

1. Describe what has been done to resolve the non-compliance issue or provide a schedule describing how/when the issues will be addressed,
2. Provide the requested information, or information that mitigates the concerns or demonstrates them to be invalid, or
3. Arrange for the case manager to visit your facility to discuss the items of concern.

It is the Department's desire that you are able to adequately address the aforementioned issues so that this matter can be closed. Your failure to respond promptly may result in the initiation of formal enforcement proceedings. Any document submittals can be made to our email mailbox at SD-WWinspect@FloridaDEP.gov or may be mailed to the above address.

If you have any questions regarding this matter, please contact Nicole Devine of the South District Office at 239-344-5675 or via e-mail at Nicole.Devine@FloridaDEP.gov. We look forward to your cooperation with this matter.

Sincerely,

Jennifer L. Carpenter
Assistant District Director
South District Office
Florida Department of Environmental Protection

Enclosures: Inspection Report

ec: Jake Hepokoski, Operator (via e-mail: jhepokoski@bsu.us)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
WASTEWATER COMPLIANCE INSPECTION REPORT

Facility Details

Facility Name	Bonita Springs Utilities East WRF			**WAFR ID**	FLA012343		
Physical Address	11550 Operations Way			**City, State, Zip**	Bonita Springs, FL 34135		
County	Lee			**Facility Phone #**	(239) 390-4834		
Permit Issued:	11/26/2019			**Permit Expiration:**	11/25/2024		
Facility Type	Domestic Wastewater			**Is the Facility NPDES (Y/N)**	No		
Latitude	**Degrees °**	26	**Minutes ‘**	22	**Seconds “**	22.62	
Longitude	**Degrees °**	-81	**Minutes ‘**	45	**Seconds “**	57.27	

Inspection Details

Inspection Type	**Entry Date**	**Exit Date**	
CEI	5/31/2022	5/31/2022	
	Entry Time (HH:MM AM/PM)	**Exit Time (HH:MM AM/PM)**	
SSOP	8:45 AM	11:00 AM	
Sampling Taken (Y/N) No	**RQ#** NA	**QA Conducted (Y/N)**	No
Name(s) and Title of Field Representatives(s)	**Operator Certification**	**Email**	**Phone Number**
Jake Hepokoski	Class A - 0012794	JHepokoski@bsu.us	(239) 495-4247
Name(s) and address of Permittee / Designated Rep.	**Title**	**Email**	**Phone Number**
Kim Hoskins	NA	KHoskins@bsu.us	(239) 390-4834

Inspector Information

Name(s) and Signature(s) of Inspectors(s)	**District Office/Phone Number**	**Date**
Nicole Devine *Nicole Devine*	SD / (239) 344-5675	8/1/2022
Name and Signature of Reviewer	**District Office/Phone Number**	**Date**
Deanna Newburg *Deanna Newburg*	SD / (239) 344-5677	8/12/2022

Facility Compliance Eval Areas

***IC** = In Compliance; **MC** = Minor Out of Compliance; **NC** = Out of Compliance; **SC** = Significant Out of Compliance; **NA** = Not Applicable; **NE** = Not Evaluated*

Significant Non-Compliance Criteria Should be Reviewed when Out of Compliance Ratings Are Given in Areas Marked by a “”*

Overall Compliance Determination Out of Compliance

IC	*Permit	IC	Laboratory	NC	Facility Site Review	NC	*Effluent Quality
NA	*Compliance Schedules	NC	Sampling	IC	Flow Measurement	IC	*Effluent Disposal
NC	*Records & Reports	IC	Biosolids	IC	*Operation & Maintenance	NA	*Groundwater
IC	SSO Survey	NE	Other	NA	Nutrient Management Plan	NA	Access Control
NA	Site Restrictions & Setbacks	NA	Odor/Nuisance	NA	Site Monitoring	NA	MLPW Disposal
NA	Manure Solids						

Clear Report | **Hide/Unhide Placeholders** | **Generate Blank Rows (for field paper setup)** | **Generate Deficiency & Observation Rows** | **Finish Inspection Report Form**

Single Event Violations ("*" SNC SEVs)

Check for Yes	Evaluation Area	Description	Finding Description	Finding ID
☐	Permit	Effluent Violations - Unapproved Bypass	Wastewater was diverted from a portion of the treatment process without department approval.	UNBY
☐	*Permit	Permit Violations - Discharge Without a Valid Permit	The facility was operating without a permit or with an expired permit.	UPHI
☐	Permit	Permit Violations - Failure to Submit Timely Permit Renewal Application	The permittee failed to submit an application to renew the existing permit at least 180 days prior to expiration.	PFSA
☐	Laboratory	Management Practice Violations - Laboratory Not Certified	The laboratory was not certified by the National Environmental Laboratory Accreditation Conference (NELAC).	LNCE
☐	Sampling	Monitoring Violations - Analysis not Conducted	The facility failed to collect and/or analyze samples as required by permit or enforcement action.	ANCV
☐	Sampling	Monitoring Violations - Failure to Monitor for Toxicity Requirements	The facility failed to collect and/or analyze routine or follow-up toxicity samples.	FTOX
☐	Records and Reports	Management Practice Violations - Failure to Develop Adequate SPCC Plan	The facility failed to develop or maintain their Spill Prevention Control and Countermeasures (SPCC) plan.	FSPC
☐	Records and Reports	Management Practice Violations - Failure to Maintain Records	The facility failed to maintain records for the required retention period.	FMRR
☐	Records and Reports	Reporting Violations - Failure to Notify	The permittee failed to notify the department of any event or activity that requires notification as required by permit or rule.	RSWP
☐	Records and Reports	Reporting Violations - Failure to Submit DMRs	The permittee failed to submit any DMR required by rule, permit, or enforcement action in a timely manner.	FDMR
☒	Records and Reports	Reporting Violations - Failure to submit required report (non-DMR, non-pretreatment)	The facility failed to submit any report required by rule, permit, enforcement action or inspection activity except for DMRs.	FRPT
☐	Facility Site Review	Management Practice Violations - Improper Land Application (non-503, non-CAFO)	The land application system was not being maintained.	LASN
☐	Flow Measurement	Monitoring Violations - No Flow Measurement Device	The facility failed to install a flow measurement device, an approved flow measurement device, or a working flow measurement device.	NOFL
☐	Operation and Maintenance	Management Practice Violations - Improper Operation and Maintenance	The facility failed to follow their operation and maintenance plan/manual.	IONM
☐	Operation and Maintenance	Management Practice Violations - Inflow/Infiltration (I/I)	The facility had an inflow and infiltration problem causing collection system issues and/or operational issues.	ININ
☐	Operation and Maintenance	Management Practice Violations - No Licensed/Certified Operator	The facility was being operated without a certified operator or by an operator that is not licensed for the size of plant.	ONCO
☐	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent acute toxicity has been documented through follow-up tests.	EATX
☐	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent chronic toxicity has been documented through follow-up tests.	ECTX
☐	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent acute or chronic toxicity has been documented in the effluent through the use of routine and follow-up tests.	ETOX
☐	Effluent Quality	Effluent Violations - Narrative Effluent Violation	The facility violated a permit or enforcement narrative effluent limit.	XNEV
☐	Effluent Quality	Effluent Violations - Reported Fish Kill	The facility had a discharge of wastewater that resulted in a fish kill.	XFSH
☐	Sanitary Sewer Overflow Survey	WW SSO - Discharge to Waters	A sewage spill from any components of a collection/transmission system or from a treatment plant reached surface waters including stormwater conveyance system or drainage ditch.	SSO1
☐	Sanitary Sewer Overflow Survey	WW SSO - Failure to Maintain Records or Meet Record Keeping Requirements	The facility failed to keep routine documentation and reporting records of spills, and/or operation and maintenance activities on the collection/transmission system.	SSO2
☐	Sanitary Sewer Overflow Survey	WW SSO - Failure to monitor	The facility failed to collect and/or analyze bacteriological samples for sewage spills that reached surface waters.	SSO3
☐	Sanitary Sewer Overflow Survey	WW SSO - Failure to report violation that may endanger public health 122.41(l)(7)	The facility failed to report a sewage spill within 24 hours of discovery.	SSO4
☐	Sanitary Sewer Overflow Survey	WW SSO - Improper Operation and Maintenance	The facility failed to perform routine preventative maintenance to keep the collection/transmission system in good working order.	SSO5
☐	Sanitary Sewer Overflow Survey	WW SSO - Overflow to Dry Land	A sewage spill from any part of a collection/transmission system or treatment plant that did not make it to surface waters, i.e., stormwater collection system, drainage ditch, stream, pond, or lake.	SSO6

Permit

Compliance Rating	In Compliance				
Does this section apply to the facility?	◉	Yes	○	No	
Questions					
*Is the permit current?					Yes
Is a copy of the permit available onsite?					Yes
Is the facility operated in accordance with the permit?					Yes
*Was the facility constructed or modified with an appropriate or valid permit issued by the Department?					Yes
Has the facility submitted the permit renewal application 180 days prior to the expiration date?					N/A
If the permittee for the facility has changed did the department receive notification of this change?					N/A
If the permit is accompanied by a Consent Order or Administrative Order are, they abiding by the conditions of the order?					N/A
Is wastewater from a portion of the treatment process diverted with Department approval?					N/A
*Is the facility discharging to waters of the state with an appropriate FDEP permit?					N/A
*Was the facility free from unpermitted discharge, bypass, collection system, or residuals with a high potential for water quality or health impacts?					Yes
Is the facility free from any Permit violation not listed above that needs to be addressed?					Yes

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Observations:

Department records indicate that the current operating permit will expire on November 25, 2024. F.A.C. Rule 62-620.335(1) states that a Permittee shall submit an application to renew the existing permit at least 180 days before the expiration date of the existing permit. Timely and sufficient submittal of the renewal application and permit processing fee is important (and in your best interest) as it automatically extends the expiration date on the existing permit until the Department takes final action on the renewal application. A tardy application could result in non-compliance. Your renewal application and permit processing fee must be submitted no later than May 29, 2024.

Compliance Schedule

Compliance Rating	Not Applicable				
Does this section apply to the facility?	○	Yes	◉	No	
Questions					
If the facility has a compliance schedule in a permit, Administrative Order or Enforcement Action are they in compliance with the schedule?					N/A
*Are the Compliance Date(s), Construction Milestone(s), Enforcement Order Schedule(s) or Final Compliance Date started/completed within 90 days of the due date?					N/A
Has the facility completed construction and submitted a Notification of Completion of Construction for Wastewater Facilities or Activities (Form 62-620.910(12)), if required?					N/A
Has the Notification of Availability of Record Drawings and Final Operation and Maintenance Manuals (Form 62-620.910(13)) been submitted as required?					N/A
If the facility is under a Toxicity Corrective Action Plan, are they in compliance with the plan?					N/A
Is the facility free from any Compliance Schedule violation not listed above that needs to be addressed?					N/A

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Observations:
No scheduled corrective/improvement actions in the permit.

Laboratory

Compliance Rating	In Compliance				
Does this section apply to the facility?		(•) Yes	( ) No		
Questions					
Is there a current copy of the laboratory certification onsite?	N/A				
If the facility has an onsite laboratory does it have a Florida Department of Health Environmental Laboratory Certification Program certification?	N/A				
Facility DOH Certification #	N/A				
Contract Lab Name and DOH Certification #	Sanders Laboratories Inc (South) E85457; Sanders Laboratories Inc (Nokomis) E84380 Yes				
Does the onsite laboratory use sample analysis methods prescribed in 40 CFR part 136 or a test method that has gone through the EPA alternative method approval process?	N/A				
Does the facility have standard operating procedures that follow the methods set in 62-620.10(18) F.A.C. including 40 CFR Part 136; including required instrumentation, glassware cleaning, reagent/standard use, and troubleshooting procedures?	N/A				
Does the facility have a QA/QC program with a written QA/QC manual as required by 40 CFR 122.41 that is up to date and available for review?	N/A				
Does the facility follow the procedures set in the QA/QC manual; including instrument calibration/maintenance, checks on standard solutions, sample analysis precision/accuracy limits on a prescribed bases and QC samples (duplicate, spiked, blank in at least 10%)?	N/A				
Is the detailed record complete and available for review for each set of analyses performed including the order of calibration, QA/QC, bracketing, and samples analyzed?	N/A				
Does the facility have QA/QC records on the reagent preparation, instrument calibration/maintenance, incubator temperature and purchase of laboratory supplies?	N/A				
Does the facility's laboratory documentation of the sample results use qualifier codes when sample QA/QC fall outside acceptable precision and accuracy limits set in the QA/QC manual?	N/A				
Does the facility's laboratory take and record corrective actions or trouble shooting steps when data falls out of the precision and accuracy limits?	N/A				
Are records of standard(s) and reagent(s) preparation maintained at the laboratory?	N/A				
Is the laboratory maintaining adequate records for reagent preparation(s)?	N/A				
Does the laboratory have a system for uniformly recording, correcting, processing and reporting data; including formulas, significant figures, rounding rules, units, cross-checking calculations?	N/A				
Is the facility's laboratory adequate for analyzing samples; including pure water, clean bench space for instrument use/storage free of contamination, necessary equipment, vibration free area, ventilation, humidity and temperature control?	N/A				
Does the Laboratory meet NELAC and EPA standards including; dry and clean sample storage locations, sample custodian(s) to ensure upon receipt of samples, proper sample storage, preservation and custody documentation?	N/A				
Does the facility use appropriate standards that are prepared in volumetric glassware, checked against reliable primary standards, labeled properly, stored in clean containers, and discarded when expired or degraded?	N/A				

Does the facility's laboratory analyst(s) demonstrate competency and appropriate training; including ability to follow procedures, ability to meet precision and accuracy limits, knowledge of equipment and analytical methods.	N/A
If the facility test requires temperature measurement, is there a thermometer present that is routinely calibrated against NIST thermometer within calibration date range?	N/A
Is the sample refrigerator temperature correct to meet the preservation requirements for the samples stored within?	N/A
Is the facility free from any Laboratory violation not listed above that needs to be addressed?	Yes
• *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"* • *Questions with "No" responses indicate deficiencies* • *Questions with "N/A" responses do not apply to the facility*	
Observations:	
No additional comments and/or deficiencies.	

Sampling

Compliance Rating	Out of Compliance
Does this section apply to the facility?	(•) **Yes** ( ) **No**
Questions	
In facility logbooks or other documentation, are the daily records appropriately recorded, including composite sampler or other temperatures, and daily calibration of meters.	Yes
Does the facility maintain records of their daily calibration of their pH meter, chlorine meter, dissolved oxygen meter?	Yes
Does the facility maintain records of their daily checks of their in-line meter(s) with their field meter(s)?	Yes
Do field sheets document that the collection and analysis of field tests were analyzed within the 15-minute holding time.	Yes
Are meters calibrated and sample analysis conducted at the facility done in accordance with DEP SOP and NELAC guidelines? (calibration frequency and sample bracketing for pH, total residual chlorine (TRC), turbidity, DO)	Yes
Are all the primary and secondary standards used to calibrate and verify meters, used prior to expiration dates and verified against primary standards appropriate for pH, TRC, turbidity, DO?	Yes
Are the inline meters reading within established limits compared to the bench meters? (TRC ≤ 20%, Turbidity ≤ 20%, pH 0.2 SU)	Yes
Were safe access points for obtaining representative influent/effluent samples available?	Yes
Are influent sampling points put prior to internal facility return lines including supernatant, filter backwash and return activated sludge (RAS)?	Yes
Are samples being collected and analyzed as required by the permit or enforcement action; including location, type (grab/composite), time, and frequency?	Yes
Are samples being collected in the proper containers, preserved and analyzed in appropriate hold times in accordance with 40 CFR Part 136, Table II?	Yes
If the facility has a composite sampler with cooling system at the influent/effluent sampling location is there a thermometer present in the sampler that is annually checked against NIST thermometers?	Yes
Is composite sampling being conducted appropriately; including purging, sampling velocity at least 2fps, clean tubing, individual sample volume of at least 100 mL, sample storage of <6°C preservation, hold times and representative samples?	Yes
Did the facility have their Chain of Custody records?	Yes
If sampling was conducted and observed during the inspection did the sampling follow DEP SOP requirements?	N/A
Did the facility collect and/or analyze routine or follow-up toxicity samples as required by permit or enforcement action?	N/A

Is the facility free from any Sampling violation not listed above that needs to be addressed?	No

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Deficiencies & Corrective Actions:	
Is the facility free from any Sampling violation not listed above that needs to be addressed? [See Deficiency Narrative for Specific Rule Violated]	Deficiency: (Narrative) At the time of the inspection, the facility was taking composite samples longer than the timeframe specified in their permit. Rule/Permit Reference: The permit states in Section I.A.1 that the facility shall take 16-hr FPC.
	Corrective Action(s): (Narrative) Please submit documentation to the Department that the facility is sampling in accordance with the permit.

Observations:
Please see attached Appendix A for Calibration/Buffer Lot Numbers and Expiration Dates.

Records and Reports

Compliance Rating	Out of Compliance
Does this section apply to the facility?	(•) Yes ( ) No
Questions	
Are the entries in the operator logbook clear, concise, informative and relevant?	Yes
Was copy of the current O&M manual available at the time of the inspection?	Yes
Is there a current operator license?	Yes
Is there a current RPZ certification?	Yes
Is there a copy of the current Operating Protocol for Part 3 Reuse?	Yes
Does the facility have and maintain their Spill Prevention Control and Counter measurement (SPCC) Plan?	Yes
Are all required documents and reports available at the plant well organized and complete?	Yes
Does the facility maintain the records onsite for the required retention period?	Yes
Discharge Monitoring Reports (DMRs) Review Period	8/1/2019 – 6/30/2022 Yes
Are the discharge monitoring reports completed properly?	No
Are the DMRs submitted on the proper form?	Yes
Is an authorized representative signing the DMRs?	Yes
Has the permittee submitted an annual Reclaimed Water and/or Effluent Analysis Report?	Yes
Does the facility submit their monitoring results for Giardia and Cryptosporidium in a timely manner?	Yes
A review of the last toxicity test did not reveal any deficiencies?	N/A
Has the facility submitted all report(s) during the review period that are required by rule, permit, enforcement action or inspection activity, other than DMRs?	No
*Has the facility timely submitted DMRs as required by rule, permit, or enforcement action? (If either reports are >30 days late meets SNC criteria)	Yes
Has the facility submitted all final compliance schedule reports as required by rule, permit, or enforcement action?	Yes
Has the permittee notified the Department of any event or activity that requires notification as required by permit or rule?	Yes
*Are records or reports free from falsified data?	Yes

Is the facility free from any Records and Reports violation not listed above that needs to be addressed?	Yes

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Deficiencies & Corrective Actions:	
Are the discharge monitoring reports completed properly? [403.161(1)(b) F.S., 62-600.680 F.A.C.]	Deficiency: (Narrative) Please see the attached Appendix C for a more detailed description of the deficiencies found in the DMR review.
	Corrective Action(s): (Narrative) Please re-submit the DMRs to the Department with all deficiencies corrected.
The facility failed to submit any report required by rule, permit, enforcement action or inspection activity except for DMRs. [62-610.870(3) F.A.C., 62-610.865(11) F.A.C., 62-600.405 F.A.C., 403.161(1)(b) F.S., FRPT]	Deficiency: (Narrative) The Department has no record of the Annual Reuse Report for BSU East for 10/1/2020 to 9/30/2021. Effective August 8, 2021, the department revised the Annual Reuse Report form [DEP form 62-610.300(3)(a)2], as well as some reporting requirements. The reports must now be submitted electronically through the DEP Business Portal.
	Corrective Action(s): (Narrative) Please submit the Annual Reuse Report for BSU East through the DEP Business Portal.

Observations:
See the attached Appendix B for a detailed list of the Current Licensed Operators information.

Facility Site Review

Compliance Rating	Out of Compliance
Does this section apply to the facility?	(•) Yes ( ) No

Questions	
The headworks was free from excessive corrosion.	Yes
The headwork is free from evidence of recent overflows.	Yes
Is the odor control system operational at the headworks?	Yes
Is the comminutor operational at the headworks?	Yes
Is the grit separator operational at the headworks?	Yes
Is the bar screen cleaned on a routine basis?	Yes
Is the mechanical bar screen functioning as intended?	Yes
Are screenings and grit being collected from the headworks in suitable containers?	Yes
Rags, grit and/or screening are being disposed of properly.	Yes
Are screenings and grit from the headworks being disposed at a Class I Landfill?	Yes
Are records of the disposal of the screenings and grit collected at the headworks available?	Yes
The leachate from the screening dumpster(s) is piped to the headworks and not onto the ground.	Yes
Is the clarifier free from solids discharging over the weir(s)?	N/A
Is the clarifier free from excessive sand and/or grit accumulation?	N/A
Is the clarifier free from excessive scum, algae and/or trash overflowing the weir?	N/A
Does the skimmer appear to be functional in the clarifier?	N/A
Is the sludge collector and pump functional in the clarifier?	N/A
Are the clarifier weir(s) level?	N/A
Is the clarifier free from short circuiting with loss over the weir?	N/A
Are the aeration basins diffusers free from clogs and providing adequate mixing?	Yes

Was the time clock or manual controls for the aeration system operational at the time of the inspection?	**Yes**
Is the RAS line properly located?	**Yes**
The RAS line was free from excessive splashing that could cause solids to be discharged outside the tank.	**Yes**
The mixed liquor (MLSS) in the oxidation ditch was appropriately colored with no black coloring.	**N/A**
Is even distribution of air observed in the aeration basin?	**Yes**
Are the air line(s) to the aeration basin(s) free from leaks?	**Yes**
The brushes and paddles in the oxidation ditch were all in good working order.	**N/A**
Is the velocity in the oxidation ditch sufficient to prevent settling of solids?	**N/A**
Are dual blower motors present as required by rule?	**Yes**
Are the blower motors equipped with belt guards?	**Yes**
The blower motors are free from excessive noise.	**Yes**
Are all the blower motors present and operational at the time of the inspection?	**Yes**
Are spare parts and a second standby blower motors stored onsite?	**Yes**
Is the electrical box wiring for the blower motors adequately protected?	**Yes**
Were the tank contents in the aerobic digester(s) well mixed?	**Yes**
Are the digester(s) free from excessive odors and/or foaming?	**Yes**
Is the digester at the appropriate operational capacity?	**Yes**
Are there two functioning pumps in the surge tank(s)?	**Yes**
What was the biomass color of the trickling filter at the time of the inspection?	**N/A**
Is trickling filter media free from excessive ponding?	**N/A**
Are center columns and distribution arms of the trickling filter free from leaks?	**N/A**
Are the distribution arm orifices free from clogs, trash and/or scum resulting in uneven distribution of flow on the trickling filter media?	**N/A**
Is the RBC free from black biomass indicating solids and/or BOD loading?	**N/A**
Is the RBC free from white biomass indicating the presence of bacteria, which feed on sulfur compounds?	**N/A**
Is the RBC free from excessive grinding/whining noise(s) from the motor, drive shaft, and bearings?	**N/A**
Are all RBC rotating disks and/or paddles present and in good working?	**N/A**
Is the RBC unit drive shaft free from excessive vibration?	**N/A**
Are all the aerators in the lagoon operational at the time of the inspection?	**N/A**
Is the base of the lagoon free from lateral seepage at the time of the inspection?	**N/A**
Does the treatment lagoon have adequate freeboard space?	**N/A**
Is the treatment lagoon properly secured to prevent unauthorized access?	**N/A**
Is the treatment lagoon free from excessive foaming?	**N/A**
Are the treatment lagoon berms properly stabilized?	**N/A**
Is the Chlorine Contact Chamber (CCC) effluent clear and free from scum, solids accumulation and debris?	**Yes**
Are the baffles in the CCC functioning as intended?	**Yes**
Does the chlorine injection point provide optimal mixing to occur in the CCC?	**Yes**
Is the CCC chlorine pump operational, providing adequate chlorine supply for disinfection and at the permitted location?	**Yes**
Is the chlorine storage area protected from the elements?	**Yes**
Is the alarm indicator for the chlorine system operational?	**Yes**
Is the chlorine supply covered in frost indicating an issue with the system?	**N/A**
Is the fan inside the chlorine room operational?	**N/A**
Are the chlorine scales operational?	**N/A**

Is an operational Self-Contained Breathing Apparatus (SCBA) available for the chlorine room?	**N/A**
Are the chlorine gas cylinders properly secured?	**N/A**
Is a fresh supply of ammonia available to test for leaks in the gas chlorination system?	**N/A**
Do the UV ballast control boxes have adequate ventilation?	**N/A**
Does the plant staff have access to UV protective eyeglasses?	**N/A**
Is the facility maintaining adequate records of UV lamp operating hours?	**N/A**
Are the UV lamps and ballast being cleaned in accordance with the manufacturer's recommendation?	**N/A**
Does the facility have an adequate inventory of spare parts for the UV system?	**N/A**
Is the facility conducting routine performance checks on the UV system?	**N/A**
Is the UV intensity monitoring equipment operational?	**N/A**
Is the stilling well free from a thick layer of sludge and/or trash?	**N/A**
Is the chlorine contact chamber providing a minimum contact time of 15 minutes?	**N/A**
Chlorine and SO2 cylinders marked with empty/full tags?	**N/A**
Is the automatic SO2 feed operational within de-chlorination process?	**N/A**
Is the SO2 system free from frost within de-chlorination process?	**N/A**
Are the bisulfite (SO2) gas cylinders properly secured for de-chlorination?	**N/A**
Was there adequate ventilation in the SO2 room?	**N/A**
Is the filter media free from solids that could cause plugging and/or overflow?	**N/A**
Is the land application system being maintained?	**N/A**
If an injection well was plugged or abandoned, was it completed appropriately with DEP approval?	**N/A**
If a well was constructed, was it permitted prior to beginning construction and constructed as required by permit?	**N/A**
Is the injection well Operation and Maintenance done satisfactorily?	**N/A**
Is there adequate access to all monitoring locations?	**Yes**
Is the exterior of the tanks, wall, and/or pipes of the facility free from leaks?	**Yes**
Are the facility grounds clean and well maintained?	**Yes**
Is the required signage adequate?	**Yes**
The facility was free from odors emanating from the facility.	**Yes**
The facility was free from excessive noise which could be heard beyond the boundaries of the facility.	**Yes**
Is the facility providing safety measures at all times including adequate lighting?	**Yes**
The facility is disposing of sludge appropriately, with no sludge being disposed of on the facility grounds.	**Yes**
Was an alternative power source available at the facility?	**Yes**
Is the onsite generator tested under load on a monthly basis?	**Yes**
Are records available for the testing of the generator?	**Yes**
Is the area around the lift station(s) maintained?	**Yes**
Are there warning signs with emergency contact information on and/or around the lift station(s)?	**Yes**
Does the facility have a fence around their lift station(s)?	**Yes**
Is the gate around the lift station and the cover to the lift station locked?	**Yes**
Is the cover to the lift station(s) free from safety hazards?	**Yes**
Are there two functioning pumps that alternate?	**Yes**
Is the electrical panel in good working order and free from needed repair and/or replacement?	**Yes**
Was the collection system or lift station free from offsite objectionable odors?	**Yes**
The lift station visual and audio alarm operating satisfactory?	**No**
Are the potable water supply lines and the facility free from cross connections?	**Yes**
Is an RPZ in place and free of leaks on all potable water supply lines?	**Yes**

Is there a record of testing available on the RPZ?	No
Is the facility free from any Facility Site Review violation not listed above that needs to be addressed?	Yes

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Deficiencies & Corrective Actions:

The lift station visual and audio alarm operating satisfactory?[62-604.500(3) F.A.C.]	Deficiency: (Narrative) At the time of the inspection, lift station 297 did not have a functioning audio alarm.
	Corrective Action(s): (Narrative) Please submit documentation to the Department showing that the warning system at lift station 297 is functioning as intended.
Is there a record of testing available on the RPZ?[62-555.330(6) F.A.C.]	Deficiency: (Narrative) At the time of the inspection, there was no record of testing available for the RPZ at lift station 297.
	Corrective Action(s): (Narrative) Please provide the record of testing of the RPZ to the Department.

Observations:

No additional comments and/or deficiencies.

Flow Measurement

Compliance Rating	In Compliance
Does this section apply to the facility?	(•) Yes ( ) No

Questions

Is there easy access to flow meter?	Yes
Is the flow meter in the correct location?	Yes
Is the flow measuring device installed properly?	Yes
Is the flow meter calibrated at least annually and is it current?	Yes
When was the flow meter last calibrated?	INF-01 7/20/2021; EFF-01 7/27/2021 Yes
Is the flow measurement device operating within +/- 10% of the actual flow?	Yes
Is the flow meter operating properly at the time of the inspection?	Yes
The chart recorder and/or totalizer for the flow meter was operational at the time of the inspection.	N/A
The elapsed time meters on the lift station pumps were functioning.	N/A
The flow entering the convergence section of the Parshall Flume was free of excessive turbulence.	N/A
Is the facility free from any Flow Measurement violation not listed above that needs to be addressed?	Yes

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Observations:

No additional comments and/or deficiencies.

Operations and Maintenance

Compliance Rating	In Compliance

Does this section apply to the facility?	◉ Yes	○ No	
Questions			
Does the facility have adequate plant staffing?	**Yes**		
Is a certified operator operating the wastewater treatment facility with the appropriate license level for the size of the plant?	**Yes**		
Is the operator performing treatment plant operation and maintenance duties in a responsible and professional manner?	**Yes**		
Is the plant O&M log maintained in a hard-bound book with consecutive page numbering, or another approved format?	**Yes**		
Does the facility have an O&M manual, and does the facility's O&M manual reflect the current configuration of the facility?	**Yes**		
*Is the facility operated in accordance with the O & M Manual? (If there is a high potential for water quality or health impacts meets SNC criteria)	**Yes**		
Is the facility maintaining a log that documents routine equipment maintenance?	**Yes**		
Is the plant free of any treatment components that are in disrepair that would provide for unsafe operation?	**Yes**		
Is the facility without an inflow and infiltration problem which would cause collection system and/or operational issues?	**Yes**		
*Does the facility replace malfunctioning equipment, which can result in a high potential for water supply quality or health impacts?	**Yes**		
Dike berms appeared to be in satisfactory condition.	**N/A**		
Handrails/catwalks/ladders were in good working order providing for safe conditions.	**Yes**		
The liner(s) in the containment pond(s) appeared to be functioning as intended.	**N/A**		
The plant operator is fulfilling the minimum site requirements as required by the Permit.	**Yes**		
Preventative maintenance is being performed in the accordance with the manufacturer's recommendations.	**Yes**		
The facility maintains an adequate spare parts inventory.	**Yes**		
Swales were being maintained.	**N/A**		
Is the facility free from any Operations and Maintenance violation not listed above that needs to be addressed?	**Yes**		

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Observations:

No additional comments and/or deficiencies.

Effluent Quality

Compliance Rating	Out of Compliance		
Does this section apply to the facility?	◉ Yes	○ No	
Questions			
DMR review period:	8/1/2019 – 6/30/2022 **Yes**		
A review of the Discharge Monitoring Reports revealed the following effluent exceedance(s).	See Appendix D **No**		
*Did the effluent limits exceed the Technical Review Criteria less than two times in six months?	**Yes**		
*Are the effluent limits without exceedances four out of six months (chronic criteria)?	**Yes**		
*Did the total residual chlorine levels meet disinfection limits? (If below required minimum 10% or more of the time in a rolling 6-month period, meets SNC criteria)	**Yes**		

Was the facility free of a discharge of wastewater that resulted in a fish kill?	Yes
*Is persistent acute toxicity documented through follow-up tests?	N/A
*Is persistent chronic toxicity documented through follow-up tests?	N/A
*Is persistent acute or chronic toxicity documented in the effluent through the use of routine and follow-up tests?	N/A
Does the facility meet the permit or enforcement narrative effluent limitation(s)? (Non-DMR visible sheen defined as iridescence present so as to cause taste or odor, or otherwise interfere with the beneficial use of the receiving water)	Yes
Is the effluent free from excessive (suspended solids, foam, grease, scum) in the discharge stream?	Yes
*Was the facility free from any other violation with a high potential for water quality or health impacts?	Yes
Is the facility free from any Effluent Quality violation not listed above that needs to be addressed?	Yes

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Deficiencies & Corrective Actions:	
A review of the Discharge Monitoring Reports revealed the following effluent exceedance(s).	Deficiency: (Narrative) Please see the attached Appendix D for a more detailed description of the effluent exceedance found during the DMR review.
	Corrective Action(s): (Narrative) The facility has submitted documentation detailing the cause of the exceedance. No further action required at this time. Link: https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=38.807075.1]&[profile=Sampling]

Observations:

No additional comments and/or deficiencies.

Effluent Disposal

Compliance Rating	In Compliance
Does this section apply to the facility?	(•) Yes ( ) No
Questions	
Are discharge location(s) as per permit?	Yes
What type of reuse is the facility approved for?	Part III Yes
Has a cross connection control program been implemented within the areas where reclaimed water is provided for use (Part III, VII)?	Yes
Is all reclaimed water piping and equipment color-coded Pantone purple (522C)?	Yes
Hose bibbs met access restrictions and other requirements.	Yes
Reclaimed water valves and outlets were appropriately tagged and /or labeled.	Yes
Are advisory signs posted in English and Spanish in areas where non-potable Public Access Reuse water is being applied (Part III, VII)?	Yes
Is the reclaimed water retained on the application site?	Yes
No significant ponding was observed on the reclaimed water application site.	Yes
There was no aerosol mist leaving the boundaries of the land application?	N/A
There was no evidence of solids loss in the treatment process or from the plant?	Yes
The RIBs and/or percolation ponds were free from excessive vegetation and sludge?	N/A
The percolation ponds were free from accumulated sludge.	N/A

Does the percolation ponds have at least 3 ft of freeboard?	N/A
The absorption field was free from excessive vegetation.	N/A
Do the reclaimed water storage ponds have adequate freeboard?	N/A
Are RIBs well maintained and free from excessive vegetation?	N/A
There was no evidence of a bypass or failure at the effluent storage and/or disposal site(s)?	N/A
Are all effluent disposal areas such as RIBs, ponds, and sprayfields being loaded and rested per permit conditions?	N/A
The disposal pond berms were free from excessive growth or vegetation.	N/A
There was no evidence of a bypass or failure from the storage ponds observed during the inspection.	N/A
No unauthorized discharge to waters of the state was observed during the inspection.	Yes
Are the sprinklers functioning as intended for the absorption field(s) or sprayfield(s)?	N/A
The facility is meeting the minimum setback distances.	Yes
Does the facility maintain a supply of spare parts for the absorption field(s) or sprayfield(s)?	N/A
The effluent disposal and/or storage area was free from sinkholes.	N/A
Are the sprayfields free from grazing dairy cattle?	N/A
The sprayfield was free from ponding.	N/A
The sprayfield was free from excessive vegetation.	N/A
Edible food crops were being properly irrigated with reclaimed water.	N/A
What cover crop and/or vegetation is planted on the reclaimed water area(s)?	N/A
*The disposal system was being operated as designed with a low potential for water quality or health impacts.	Yes
*There was no unauthorized operation or modification of the disposal system.	Yes
Fencing around the effluent disposal site for access control was complete and in good repair.	N/A
There were no dead animals observed in the discharge stream.	Yes
Is the facility free from any Effluent Disposal violation not listed above that needs to be addressed?	Yes

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Observations:

No additional comments and/or deficiencies.

Biosolids

Compliance Rating	In Compliance
Does this section apply to the facility?	(•) Yes ( ) No
Questions	
Does the facility's method of biosolids use or disposal match what is allowed in the facility permit (i.e., landfill, land application, distribution and marketing, transfer to another facility, biofuel/bioenergy)?	Yes
Does the permittee keep records of biosolids quantities for five years, as applicable (quantities generated, received from source facilities, treated, distributed and marketed, land applied, used as a biofuel or for bioenergy, transferred to another facility, or landfilled?	Yes
Are biosolids quantities reported on the facility RMP-Q DMR?	Yes
Are the biosolids quantities reported on the RMP - Q DMRs correct and accurate?	Yes
The facility's treatment, management, transportation, use, land application, or disposal of biosolids does not result in objectionable odors, i.e., does not result in a violation of the odor prohibition in subsection 62-296.320(2)	Yes

If there is an objectionable odor, please describe the odors characteristics, frequency, duration, and migration, etc.	**N/A**
Is the storage of biosolids or other solids at this facility in accordance with the Facility Biosolids Storage Plan?	**N/A**
Does the treatment facility ensure no biosolids are spilled from or tracked off the treatment facility property by the hauling vehicle?	**N/A**
The biosolids for this facility are classified as_____: (AA, A, and/or B)	**N/A**
Does the class of biosolids produced for beneficial use match the authorized class in the facility permit (Class AA, A, or B)?	**N/A**
Does the facility use the biosolids pathogen reduction alternative option identified in the permit?	**N/A**
Are all the operational and process parameters monitored to demonstrate compliance for pathogen reduction?	**N/A**
Do the biosolids meet the treatment requirements for pathogen reduction option used?	**N/A**
Does the facility use the biosolids vector attraction reduction option identified in the permit?	**N/A**
Are all the operational and process parameters monitored to demonstrate compliance for vector attraction reduction?	**N/A**
Do the biosolids satisfactorily meet the treatment requirements for vector attraction reduction?	**N/A**
If the Specific Oxygen Uptake Rate (SOUR) test is used for vector attraction reduction, is it conducted within 15 minutes of sample collection by a certified laboratory or under the direction of an operator certified in accordance with Chapter 62-602, F.A.C?	**N/A**
Does treatment of biosolids or septage for the purpose of meeting pathogen reduction or vector attraction reduction requirements take place at the permitted facility (e.g., not in the tank of a hauling vehicle)?	**N/A**
Are the biosolids monitored at the frequency required by the permit?	**N/A**
Are the biosolids monitoring results reported on the facility DMR (RMP-AA, RMP-A, or RMP-B)?	**N/A**
Are the biosolids monitored for all the required parameters for the class of biosolids?	**N/A**
Do the Class AA, A, or B biosolids comply with the ceiling pollutant limits?	**N/A**
Are the correct analysis methods used for biosolids?	**N/A**
Is a certified laboratory used for the analysis of the biosolids?	**N/A**
Are all biosolids samples representative and taken after final treatment of the biosolids but before land application or distribution and marketing, unless otherwise approved?	**N/A**
Are all biosolids samples taken at the location specified in the facility permit?	**N/A**
Are the correct sample types properly taken for the type of biosolids (POTW Sludge Sampling Manual)?	**N/A**
Are the Class AA biosolids monitored monthly?	**N/A**
Do the Class AA biosolids meet the Class AA parameter limits?	**N/A**
Are Class AA biosolids that are stored for more than 45 days re-sampled for fecal coliform or Salmonella sp. at the frequency specified in the permit, if required?	**N/A**
For distribution and marketing, does the facility have a fertilizer license, sell or given-away to someone with a fertilizer license, or is enrolled in the US Composting Council's Seal to Testing Assurance program (USCC STA program does not apply in the Lake Okeechobee, St. Lucie River, and Caloosahatchee River watersheds)?	**N/A**
If the facility discovered that distributed and marketed biosolids did not meet Class AA standards, did the facility notify, within 24 hours, the Department and all persons to whom they delivered or distributed and marketed the Class AA biosolids?	**N/A**
Does the facility make available to users by product labels or other means the following information - fertilizer label or equivalent information; name and address of the facility; statement that the biosolids meet subsection 62-640.700(5), F.A.C.; recommend application	**N/A**

rates; and, recommendations for storage (including the more than one dry ton/seven-day provision)?	
Are all the sites where biosolids are land applied listed on the Treatment Facility Biosolids Plan form (DEP Form 62-640.219(2)(a))?	N/A
If a permitted site not listed in the Treatment Facility Biosolids Plan was used, did the permittee notify DEP at least 24 hours prior to land application at the site and submit a revised form within 30 days after using the site?	N/A
Did the facility only used permitted sites - i.e., no unpermitted sites were used for land application (i.e., the site did not have a valid DEP permit)?	N/A
Does the permittee maintain hauling records for shipments to land application sites and do they contain the required information?	N/A
Does the permittee provide a copy of the hauling records to the biosolids site manager, were records free of any discrepancies regarding the quantities delivered, and any discrepancies were reported to DEP within 24 hours of discovery?	N/A
Did all biosolids sent to sites meet pathogen reduction, vector attraction reduction, and pollutant limits?	N/A
If biosolids not meeting standards were sent to a site, did the permittee notify DEP, the site manager, the site permittee within 24 hours of discovery?	N/A
Does the permittee maintain copies for each site used of the Biosolids Application Site Annual Summary forms received from the site permittees indefinitely?	N/A
Has the permittee submitted Treatment Facility Biosolids Annual Summary reports to DEP by February 19 each year?	N/A
Was the information in the Treatment Facility Biosolids Annual Summary accurate?	N/A
Is any incineration or use of biosolids as a biofuel or for bioenergy in accordance with DEP's air regulations and RCRA?	N/A
Does the permittee keep the required hauling records to track transport of biosolids between facilities?	N/A
If the facility receives biosolids from a source facility, did the permittee report any discrepancies in the quantities of biosolids to DEP within 24 hours of discovery?	N/A
If the facility is a source facility and sends biosolids to another facility, does the permittee provide a copy of their hauling records for each shipment to the receiving facility?	N/A
If the facility receives biosolids from a source facility, does the receiving facility permit allow receipt of biosolids from other facilities?	N/A
Does the facility have copies of the required written agreement(s) between the receiving and source facility?	N/A
Did the permittee (source or receiving facility) submit all new written agreements to DEP within 30 days before transporting biosolids (unless approval given otherwise)?	N/A
Is operator staffing requirements met?	N/A
Are the biosolids receiving and handling operations satisfactory?	N/A
Are grit and screenings, etc., from the headworks properly disposed of in a landfill?	N/A
Is the facility free from any Biosolids violation not listed above that needs to be addressed?	Yes
• *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"* • *Questions with "No" responses indicate deficiencies* • *Questions with "N/A" responses do not apply to the facility*	
Observations:	
No additional comments and/or deficiencies.	

Groundwater

Compliance Rating	Not Applicable				
Does this section apply to the facility?	○	**Yes**	◉	**No**	

Questions	
DMRs review period	N/A
Are the groundwater monitoring results sent to the Department on Discharge Monitoring Report, Form 62-620.910(10), F.A.C. and submitted by the DMR due date?	N/A
After a review of the Discharge Monitoring Reports, are the compliance well parameters meeting the groundwater standards in the time period reviewed (12 months or greater)?	N/A
A review of the Discharge Monitoring Reports revealed the following effluent exceedance(s).	N/A
Do the facilities purging logs on DEP Form FD 9000-24 indicate that purging was done properly; including sufficient volume, purge rate, depth to water, and stability criteria (pH, Temperature, Conductivity, Dissolved Oxygen, Turbidity)?	N/A
Is the groundwater monitoring report complete and accurate, including analysis method, laboratory method detection limits, static water level, purging logs, sample collection procedures and treatment?	N/A
Do the groundwater monitoring wells meet DEP requirements including; tamper-proof locks, unique well label(s), concrete well pad with protective bumpers not containing numerous cracks, and is free of clutter for sampling purposes?	N/A
If or when new well construction was completed did the facility plug and properly abandoned the existing well and submit Monitoring well completion Report, Form 62-520.900(3) to DEP within 60 days?	N/A
If a monitoring well became damaged or inoperable was maintenance conducted and notification sent to DEP within 2 days of discovery?	N/A
Is the well(s) that the facility is sampling at part of the approved groundwater monitoring plan?	N/A
Are the monitoring wells operable to the extent that sampling is possible?	N/A
Are groundwater samples being collected and analyzed as required by the permit or enforcement action; including location, well type, sample type (grab/composite), time, and frequency?	N/A
If sampling was observed were the sample collection activities being performed in accordance with DEP SOP FS 2200?	N/A
If sampling was observed was equipment in satisfactory condition?	N/A
If sampling was not observed is the description of sample collection activities being performed in accordance with DEP SOP FS 2200?	N/A
Is the facility free from any Groundwater violation not listed above that needs to be addressed?	N/A
• *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"* • *Questions with "No" responses indicate deficiencies* • *Questions with "N/A" responses do not apply to the facility*	
Observations:	
No additional comments and/or deficiencies.	

SSO Survey

Compliance Rating	In Compliance				
Does this section apply to the facility?	(•)	**Yes**	( )	**No**	
Questions					
Does the facility have an Operation and Maintenance Manual for their collection system?					**Yes**
How often is the Operation and Maintenance Manual updated?					As needed **Yes**
Does the O&M manual reflect the current collection system configuration?					**Yes**
Are procedures available for minimizing spills in either the Operation and Maintenance Manual or in a separate document?					**Yes**
Does the facility have a Sewer Overflow Response Plan/procedures for minimizing spills?					**Yes**

Did the facility collect and/or analyze bacteriological samples as outlined in their SORP?	Yes
Does the facility have a map of its collection system?	Yes
Are the SORP and collection system maps immediately available to SSO response staff, including during power failures?	Yes
Did the facility collect and/or analyze bacteriological samples for sewage spills that reached surface waters?	N/A
Does the facility perform routine preventative maintenance to keep the collection/transmission system in good working order?	Yes
Does the facility maintain a ready-to-use supply of equipment, tools and materials for responding to SSOs?	Yes
How many lift stations have permanent emergency back-up power generators?	N/A
In the last 12 months, was the facility free from sewage spills or abnormal event from any part of a collection/transmission system or treatment plant that discharged to the ground or did not make it to surface waters, i.e., stormwater collection system, drainage ditch, stream, pond, or lake?	N/A
Does the facility report the spill(s) to the Department within 24 hours of discovery?	Yes
Does the facility follow up on spills?	Yes
Does the facility keep routine documentation and reporting records of spills, and/or operation and maintenance activities on the collection/transmission system(s)?	Yes
In the last 12 months, was the facility free from sewage spills or abnormal events from any components of a collection/transmission system or from a treatment plant that reached surface waters including stormwater conveyance system or drainage ditch?	N/A
Is the facility free from any SSO violation not listed above that needs to be addressed?	Yes

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Observations:

The Department has developed new guidance on how Sanitary Sewer Overflows (SSOs) are addressed statewide, which was implemented July 1, 2019. According to the guidance each SSO incident is evaluated and rated and the appropriate document is filed/issued. Either a Memo-to-File (NFA), a Compliance Assistance Offer (CAO), or Warning Letter (WL) is sent for each incident. The Department has issued a CAO for the 8/9/2021 spill, see attached Appendix F. Please see the links below for more information on the letters and spills. The facility submitted required notification(s) for each spill and a final 5-day report as required including proper cleanup and corrective actions. No further action required at this time.

8/9/2021 SSO CAO:
https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=38.1022867.1]&[profile=Discovery_Compliance]

Other

Compliance Rating	Not Evaluated
Does this section apply to the facility?	(•) Yes ( ) No
Questions	
*Is the facility free from any violation not listed above, or pattern of noncompliance, resulting in a high potential for water quality or health impacts *(Any violations considered significant by the Secretary, Deputy Secretary, Director of District Management, or the Division Director meet SNC criteria)*	N/A
Please describe any potential Non-wastewater violations (i.e. hazardous waste, stormwater, SLERP, Air and Storage Tanks) that were referred.	N/A

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "**"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Observations:

Not evaluated.

Deficiencies Summary

Evaluation Area: Sampling	
Is the facility free from any Sampling violation not listed above that needs to be addressed? [See Deficiency Narrative for Specific Rule Violated]	Deficiency: (Narrative) At the time of the inspection, the facility was taking composite samples longer than the timeframe specified in their permit. Rule/Permit Reference: The permit states in Section I.A.1 that the facility shall take 16-hr FPC.
	Corrective Action(s): (Narrative) Please submit documentation to the Department that the facility is sampling in accordance with the permit.

Evaluation Area: Records and Reports	
Are the discharge monitoring reports completed properly? [403.161(1)(b) F.S., 62-600.680 F.A.C.]	Deficiency: (Narrative) Please see the attached Appendix C for a more detailed description of the deficiencies found in the DMR review.
	Corrective Action(s): (Narrative) Please re-submit the DMRs to the Department with all deficiencies corrected.
The facility failed to submit any report required by rule, permit, enforcement action or inspection activity except for DMRs. [62-610.870(3) F.A.C., 62-610.865(11) F.A.C., 62-600.405 F.A.C., 403.161(1)(b) F.S., FRPT]	Deficiency: (Narrative) The Department has no record of the Annual Reuse Report for BSU East for 10/1/2020 to 9/30/2021. Effective August 8, 2021, the department revised the Annual Reuse Report form [DEP form 62-610.300(3)(a)2], as well as some reporting requirements. The reports must now be submitted electronically through the DEP Business Portal.
	Corrective Action(s): (Narrative) Please submit the Annual Reuse Report for BSU East through the DEP Business Portal.

Evaluation Area: Facility Site Review	
The lift station visual and audio alarm operating satisfactory? [62-604.500(3) F.A.C.]	Deficiency: (Narrative) At the time of the inspection, lift station 297 did not have a functioning audio alarm.
	Corrective Action(s): (Narrative) Please submit documentation to the Department showing that the warning system at lift station 297 is functioning as intended.
Is there a record of testing available on the RPZ? [62-555.330(6) F.A.C.]	Deficiency: (Narrative) At the time of the inspection, there was no record of testing available for the RPZ at lift station 297.
	Corrective Action(s): (Narrative) Please provide the record of testing of the RPZ to the Department.

Evaluation Area: Effluent Quality	
A review of the Discharge Monitoring Reports revealed the following effluent exceedance(s).	Deficiency: (Narrative) Please see the attached Appendix D for a more detailed description of the effluent exceedance found during the DMR review.
	Corrective Action(s): (Narrative) The facility has submitted documentation detailing the cause of the exceedance. No further action required at this time. Link: https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=38.807075.1]&[profile=Sampling]

Appendices in relation to the Compliance Evaluation Inspection on May 31, 2022.

Appendix A – Calibration/Buffer Lot Numbers and Expiration Dates

Standard/Buffer	Lot No.	Expiration Date
pH 4.00	A1306	November 2025
pH 7.00	A1354	December, 2023
pH 10.00	A1354	December, 2022
pH 6.86	0GK66	November, 2022
pH 8.00	0GI529	September, 2022
Chlorine STD	A1340	January, 2024
Turbidity STD	A1221R	April 2023

Appendix B – Current Operator License(s)

Name	Class	License Number	Issue Date	Expiration Date
Jake Hugo Hepokoski	A	0012794	3/29/2021	4/30/2023
Mark A Sweitzer	A	0003786	3/29/2021	4/30/2023
Dennis Thomas White Jr	A	0018613	4/1/2021	4/30/2023
Arthur Robert Canestro	C	0014133	4/1/2021	4/30/2023
Scott Roderick Becker	C	0024094	3/29/2021	4/30/2023
Dereck Zane Meyer	A	0021193	4/1/2021	4/30/2023
Robert John Izzo	C	0015129	3/30/2021	4/30/2023
Dean William Kelch	A	0027277	3/4/2022	4/30/2023
Nicholas Earl White	C	0028153	2/2/2022	4/30/2023

Appendix C – DMR Deficiencies

Monitoring Period	R-001 DMR Deficiencies
JUN-2022	-CBOD EFA-01 (PARM Code 80082 Y) annual average calculated incorrectly -CBOD EFA-01 (PARM Code 80082 A) weekly average transcribed incorrectly – partial weeks apply to the following month -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
MAY-2022	-CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -CBOD EFA-01 (PARM Code 80082 A) monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
APR-2022	-CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
MAR-2022	-CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -CBOD EFA-01 laboratory sample for 3/2/2022 transcribed incorrectly onto DMR Part B – laboratory qualifies the result with a "J – estimated value" which should be reflected onto DMR Part B (see "Instructions for Completing Wastewater DMRs," for a list of acceptable DMR Part B qualifier codes) -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B -CBOD INF-01 laboratory sample for 3/2/2022 transcribed incorrectly onto DMR Part B – laboratory qualifies the result with a "J – estimated value" which should be reflected onto DMR Part B (see "Instructions for Completing Wastewater DMRs," for a list of acceptable DMR Part B qualifier codes)
FEB-2022	-Flow FLW-08 (PARM Code 50050 Y) annual average calculated and/or rounded incorrectly -CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -CBOD EFA-01 (PARM Code 80082 A) monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported

	-pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
JAN-2022	-Flow FLW-08 (PARM Code 50050 Y) annual average calculated and/or rounded incorrectly -CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
DEC-2021	-Flow FLW-08 (PARM Code 50050 Y) annual average calculated and/or rounded incorrectly -CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
NOV-2021	-Flow FLW-08 (PARM Code 50050 Y) annual average calculated and/or rounded incorrectly -CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -CBOD EFA-01 (PARM Code 80082 A) max and weekly average incorrect amount of sig figs – DMR Part B reports 2 sig figs while DMR Part A only reports 1 sig figs -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
OCT-2021	-Flow FLW-08 (PARM Code 50050 Y) annual average calculated and/or rounded incorrectly -CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
SEP-2021	-Flow FLW-08 (PARM Code 50050 Y) annual average calculated and/or rounded incorrectly -CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -CBOD EFA-01 (PARM Code 80082 A) monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
AUG-2021	-CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -CBOD EFA-01 (PARM Code 80082 A) weekly and monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
JUL-2021	-CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -CBOD EFA-01 (PARM Code 80082 A) weekly and monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
JUN-2021	-CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -CBOD EFA-01 (PARM Code 80082 A) weekly and monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
MAY-2021	-CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -CBOD EFA-01 (PARM Code 80082 A) weekly and monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
APR-2021	-CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -CBOD EFA-01 (PARM Code 80082 A) weekly and monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
MAR-2021	-CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -CBOD EFA-01 (PARM Code 80082 A) monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported

	-pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
FEB-2021	-CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -CBOD EFA-01 (PARM Code 80082 A) monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
JAN-2021	-Flow FLW-08 (PARM Code 50050 Y) annual average calculated and/or rounded incorrectly -CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -CBOD EFA-01 (PARM Code 80082 A) monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
DEC-2020	-Flow FLW-08 (PARM Code 50050 Y) annual average calculated and/or rounded incorrectly -CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -CBOD EFA-01 (PARM Code 80082 A) monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
NOV-2020	-CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -CBOD EFA-01 (PARM Code 80082 A) monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
OCT-2020	-CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
SEP-2020	-Flow FLW-08 (PARM Code 50050 Y) annual average calculated and/or rounded incorrectly -CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -CBOD EFA-01 (PARM Code 80082 A) monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -CBOD EFA-01 (PARM Code 80082 A) max and weekly average incorrect amount of sig figs – DMR Part B reports 2 sig figs while DMR Part A only reports 1 sig figs -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
AUG-2020	-CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -CBOD EFA-01 (PARM Code 80082 A) monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
JUL-2020	-CBOD EFA-01 (PARM Code 80082 Y) annual average transcribed incorrectly - the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -CBOD EFA-01 (PARM Code 80082 A) monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
JUN-2020	-CBOD EFA-01 (PARM Code 80082 A) monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
MAY-2020	-CBOD EFA-01 (PARM Code 80082 A) monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
APR-2020	-CBOD EFA-01 (PARM Code 80082 A) monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B

MAR-2020	-CBOD EFA-01 (PARM Code 80082 A) max, weekly and monthly average incorrect amount of sig figs – DMR Part B reports 2 sig figs while DMR Part A only reports 1 sig figs -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
FEB-2020	-pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
JAN-2020	-CBOD EFA-01 (PARM Code 80082 A) monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
DEC-2019	-CBOD EFA-01 (PARM Code 80082 A) monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
NOV-2019	-pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
OCT-2019	-CBOD EFA-01 (PARM Code 80082 A) monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
SEP-2019	-CBOD EFA-01 (PARM Code 80082 A) monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B
AUG-2019	-CBOD EFA-01 (PARM Code 80082 A) monthly average transcribed incorrectly – the calculated value is less than the reported MDL, therefore the "<" followed by the MDL should be reported -pH EFA-01 (PARM Code 00400 A) only two sample points are on DMR Part B -Turbidity EFB-01 (PARM Code 00070 B) maximum value incorrect amount of sig figs – DMR Part B reports 3 sig figs while DMR Part A only reports 2 sig figs

Appendix D – Effluent Exceedances

Date	Monitoring	Parameter	Description	Result	Limit	Units	Statistical Base	Exceedance
Jul-19	FLW-01	P 50050	Flow	4.021	4.0	MGD	MK - Monthly Average	Notified Dep in advance via email prior to excursion of flow due to construction going on at the West WRF. So the East Plant was taking all of the July flow which caused the excursion of the 4.0 MADF. Please see email attachment to this DMR.

Appendix F – SSOs

Location	Date Discharge Occurred	Spill Volume & Spill Recovered	Spill Characteristic	Cause	Area Affected	SWO
Sandy Hallow Dr	8/9/2021	4,000 4,000	Raw	Equipment	Ground	2021-4360

Bonita Spring Utilities East WRF
(FLA012343)
Photos by Nicole Devine on 5/31/2022

I certify that these photos represent the true
on-site conditions observed
and have not been altered in any way.

Nicole Devine

_____

1. Headworks

2. Screenings

3. Anoxic Zone

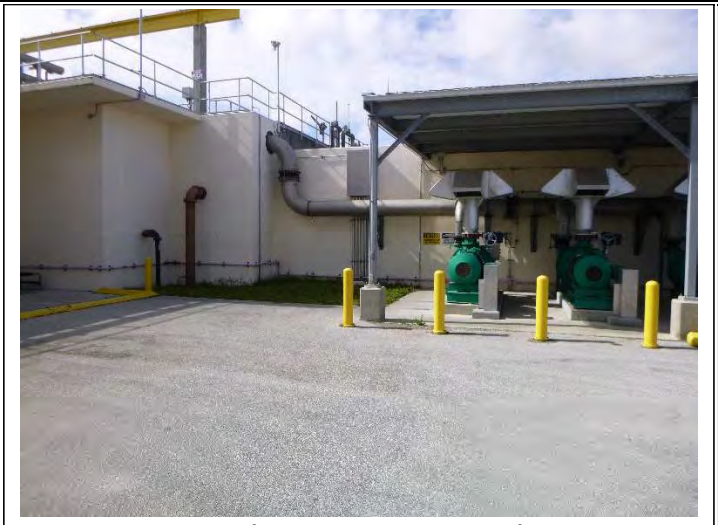
4. Aeration Zone

Bonita Spring Utilities East WRF
(FLA012343)
Photos by Nicole Devine on 5/31/2022

I certify that these photos represent the true
on-site conditions observed
and have not been altered in any way.

Nicole Devine

_____



5. Blowers & MBR Washout

6. CCC

7. Lift Station 297

8. Lift Station 375

Bonita Springs Utilities, Inc.

April 10, 2023

Deanna Newburg
Environmental Manager
South District Office
P.O. Box 2549
Fort Myers, FL 33902-2549

Subject: Responding to the CAO letter of March 21, 2023 regarding SSOs associated with Hurricane Ian for Facility IDs FLA012343 and FLA014443

Dear Ms. Newburg:

On September 28th, 2022 South West Florida was impacted by Hurricane Ian. This hurricane caused damage unprecedented in this area and like other utilities we sustained major damage to our infrastructure, specifically many of our lift stations. Bonita Springs Utilities, Inc. has an extensive Hurricane Response Plan and conducts regular review and training of the plan with our employees. We have also assisted numerous other utilities that have suffered damage in other storms through our participation with FlaWARN.

We believe that this extensive preparedness and training as well as our experience responding to help other utilities significantly aided our ability to keep the majority of our water system functioning. We were the only utility in Lee County that did not have to issue a system wide boil water notice. We were also able to keep the large majority of the sewer system maintained and contained in the aftermath of this hurricane. This prevented the situation from having a more serious environmental impact that could have resulted had we experienced extensive SSOs in our area. Keeping the sewage contained was a significant feat considering that we experienced 12-15 feet of storm surge and sustained damage to several master pump stations and fixed generators along with approximately 20% of our lift stations.

We were able to keep the majority of the sewage contained due to the design of many of our collection system basins that are interconnected allowing more time to hold sewage in the system. We also kept personnel on site during the event and deployed them to perform damage assessments and repairs as soon as it was safe to travel. We deployed our fleet of portable generators to keep master pump stations that were damaged functioning and to pump down other stations as needed. We also used our three vac trucks to transport sewage to functioning systems in order to prevent SSOs from damaged systems. Within 2 days we had secured a contract fleet of an additional 11 pump trucks that ran around the clock to aid in this endeavor. Finally, we brought in mutual aid crews from Seacoast Utility Authority and the City of West Palm Beach to help repair and keep stations functioning.

These crews and trucks were released after about three to five days while our own crews continued to work around the clock in 12 hour shifts for several more weeks while temporary repairs continued. These temporary repairs included securing parts from unique sources such as HVAC supply houses as well a securing temporary simplex control panels from a supplier and pump control units from a utility in Georgia. While doing this we were also able to get parts to the City of Punta Gorda to assist in their lift station repairs as well as send equipment and personnel to Lee County Utilities to assist with their recovery efforts.

In total the seven SSOs that we experienced as a result of Hurricane Ian totaled less than 5000 gallons combined. They were the result of power loss from the hurricane or due to electrical failures from components that had been submerged in salt water failing over time. Had we not been prepared or able to react in a timely manner, this amount would have been many times greater than it was.

We ordered generators and control panels for permanent repairs within weeks after the storm but due to supply chain delays have just started to receive the first few items. A few of the stations have had permanent repairs completed to date and expect the rest to be completed in the next 6-12 months as equipment arrives and is installed.

The written reports that were already submitted for each of these events, and attached to this response for reference, contain all of the information requested and there is not much further to add to them. We hope that the information provided with this letter helps the Department to understand how our preparations and practices proved to be advantageous and would welcome any recommendations for future improvements that may be identified. If there any questions or other information needed that is not included in the reports please let us know.

Sincerely,

Andy Koebel

Andy Koebel, PE
Director of Operations
Bonita Springs Utilities, Inc.

cc: Kim Hoskins – BSU – Via Email
John Jenkins – BSU – Via Email
Cody Karth – BSU – Via Email
Jake Hepokoski – BSU – Via Email

Attachments: Abnormal Event Report for Bonita Beach Rd.
Abnormal Event Report for Divot Dr.
Abnormal Event Report for Patrick St.
Abnormal Event Report for Liberty Crossings
Abnormal Event Report for Riverside Dr.
Abnormal Event Report for Arroyal St.
Abnormal Event Report for Big Bend Rd.

FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Wastewater Abnormal Event 5 Day Report

This form is provided for your convenience only, in order to report the required information to Florida DEP. You may complete this form and email to the appropriate District office, as listed below.

Northwest District –NWD_WastewaterCompliance@floridadep.gov
Northeast District - DEP_NED@floridadep.gov
Southwest District - SWD_DW@floridadep.gov
Southeast District - SED.Wastewater@dep.state.fl.us
South District – SD-AbnormalEvents@floridadep.gov
Central District – DEP_CD@floridadep.gov

These incidents, and the corresponding Public Notice of Pollution, may also be reported through the DEP Business Portal. If it is preferred to submit these separately, the PNP may be submitted here. If the spill is greater than 1000 gallons, it MUST be reported to the **State Watch Office** at 1-800-320-0519 and a PNP MUST be submitted. All fields with an asterisk (*) must be completed as they are required by rule 62-620.610, F.A.C.

Responsible Party Information

*Facility Name:	East Water Reclamation Facility
*Permit Number:	FLA012343
*Facility Type:	Domestic
*County:	LEE
*Reporter Name:	Cody Karth
*Reporter Phone:	239-390-4837
*Reporter Email:	Ckarth@bsu.us
*Reporter Address:	11900 East Terry St Bonita Springs FL 34135
*Responsible Party Name:	Bonita Springs Utilities
*Responsible Party Address:	11900 East Terry St Bonita Springs FL 34135
*Responsible Party Phone:	239-992-0711
*Responsible Party Email:	Ckarth@BSU.us

Who was contacted?

DEP

*Date and Time: 10/12/2022 12:00

*Person contacted: Nicole Devine

State Watch Office

*Date and Time:

*Incident Number:

Other

*Date and Time:

*Person contacted:

Spill Information

*Spill Characteristic / Wastewater: Untreated

*Type Source: Lift station (MPS#360)

*Area affected: Ground

*Date / Time Discharge Began: 9/30/2022 21:00

*Amount Discharged (in gallons): 900.00

*Amount Recovered (in gallons): 0.00

*Date / Time Discharge Ceased: 9/30/2022 21:40

*Physical Address: 11401 Bonita Beach RD Bonita Springs FL 34135

*Latitude/Longitude: 26.330877°N 81.764735°W

*Malfunction/Cause: Hurricane

Effluent Limit Violations

- ☐ CL_2 (mg/L)
- ☐ TSS (mg/L)
- ☐ Turbidity (NTU)
- ☐ NO_3 (mg/L)
- ☑ Other
- ☐ Fecal Coliforms (CFU/100 mL)
- ☐ pH (SU)
- ☐ CBOD5 (mg/L)
- ☐ Abnormal Flow (MGD)

*Clean Up Status: Complete

***Clean Up Actions:**

- ☐ Vacuumed/Pump Truck
- ☑ Applied Disinfectanct
- ☐ Applied Lime
- ☐ Applied HTH/chlorine
- ☐ Applied absorbents
- ☐ Washed down area
- ☐ Water samples/field measurements taken
- ☐ Raked and disposed of debris
- ☐ Signs posted
- ☑ Other AyrX

Sampling results / Field readings:

***Incident Description and Remedial Action Being Taken** (Include estimated time for completion):

Due to powerloss from hurricane IAN our lift station overflowed 900 gallons. It was absorbed into the ground in the immediate area surrounding the lift station.

***Future Preventative Measures:**

We worked 24/7 during this time and did the best we were able to after the storm.

FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Wastewater Abnormal Event 5 Day Report

This form is provided for your convenience only, in order to report the required information to Florida DEP. You may complete this form and email to the appropriate District office, as listed below.

Northwest District –NWD_WastewaterCompliance@floridadep.gov
Northeast District - DEP_NED@floridadep.gov
Southwest District - SWD_DW@floridadep.gov
Southeast District - SED.Wastewater@dep.state.fl.us
South District – SD-AbnormalEvents@floridadep.gov
Central District – DEP_CD@floridadep.gov

These incidents, and the corresponding Public Notice of Pollution, may also be reported through the DEP Business Portal. If it is preferred to submit these separately, the PNP may be submitted here. If the spill is greater than 1000 gallons, it MUST be reported to the **State Watch Office** at 1-800-320-0519 and a PNP MUST be submitted. All fields with an asterisk (*) must be completed as they are required by rule 62-620.610, F.A.C.

Responsible Party Information

*Facility Name:	East Water Reclamation Facility
*Permit Number:	FLA012343
*Facility Type:	Domestic
*County:	LEE
*Reporter Name:	Cody Karth
*Reporter Phone:	239-390-4837
*Reporter Email:	Ckarth@bsu.us
*Reporter Address:	11900 East Terry St Bonita Springs FL 34135
*Responsible Party Name:	Bonita Springs Utilities
*Responsible Party Address:	11900 East Terry St Bonita Springs FL 34135
*Responsible Party Phone:	239-992-0711
*Responsible Party Email:	Ckarth@BSU.us

Who was contacted?

DEP

*Date and Time: 10/12/2022 12:00

*Person contacted: Nicole Devine

State Watch Office

*Date and Time:

*Incident Number:

Other

*Date and Time:

*Person contacted:

Spill Information

*Spill Characteristic / Wastewater: Untreated

*Type Source: Manhole#4122105

*Area affected: Ground

*Date / Time Discharge Began: 10/4/2022 08:30

*Amount Discharged (in gallons): 100.00

*Amount Recovered (in gallons): 0.00

*Date / Time Discharge Ceased: 10/4/2022 09:00

*Physical Address: 25140 Divot Dr. Bonita Springs FL 34135

*Latitude/Longitude: 26.373140°N 81.779143°W

*Malfunction/Cause: Hurricane

Effluent Limit Violations

- ☐ CL_2 (mg/L)
- ☐ TSS (mg/L)
- ☐ Turbidity (NTU)
- ☐ NO_3 (mg/L)
- ☑ Other
- ☐ Fecal Coliforms (CFU/100 mL)
- ☐ pH (SU)
- ☐ CBOD5 (mg/L)
- ☐ Abnormal Flow (MGD)

*Clean Up Status: Complete

***Clean Up Actions:**

- ☐ Vacuumed/Pump Truck
- ☑ Applied Disinfectanct
- ☐ Applied Lime
- ☐ Applied HTH/chlorine
- ☐ Applied absorbents
- ☐ Washed down area
- ☐ Water samples/field measurements taken
- ☐ Raked and disposed of debris
- ☐ Signs posted
- ☑ Other AyrX

Sampling results / Field readings:

***Incident Description and Remedial Action Being Taken** (Include estimated time for completion):

Due to power loss from hurricane IAN our manhole overflowed 100 gallons. It was absorbed into the ground in the immediate area surrounding the manhole.

***Future Preventative Measures:**

We worked 24/7 during this time and did the best we were able to after the storm.

FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Wastewater Abnormal Event 5 Day Report

This form is provided for your convenience only, in order to report the required information to Florida DEP. You may complete this form and email to the appropriate District office, as listed below.

Northwest District –NWD_WastewaterCompliance@floridadep.gov
Northeast District - DEP_NED@floridadep.gov
Southwest District - SWD_DW@floridadep.gov
Southeast District - SED.Wastewater@dep.state.fl.us
South District – SD-AbnormalEvents@floridadep.gov
Central District – DEP_CD@floridadep.gov

These incidents, and the corresponding Public Notice of Pollution, may also be reported through the DEP Business Portal. If it is preferred to submit these separately, the PNP may be submitted here. If the spill is greater than 1000 gallons, it MUST be reported to the **State Watch Office** at 1-800-320-0519 and a PNP MUST be submitted. All fields with an asterisk (*) must be completed as they are required by rule 62-620.610, F.A.C.

Responsible Party Information

*Facility Name:	West Water Reclamation Facility
*Permit Number:	FLA014443
*Facility Type:	Domestic
*County:	LEE
*Reporter Name:	Cody Karth
*Reporter Phone:	239-390-4837
*Reporter Email:	Ckarth@bsu.us
*Reporter Address:	11900 East Terry St Bonita Springs FL 34135
*Responsible Party Name:	Bonita Springs Utilities
*Responsible Party Address:	11900 East Terry St Bonita Springs FL 34135
*Responsible Party Phone:	239-992-0711
*Responsible Party Email:	Ckarth@BSU.us

Who was contacted?

DEP

*Date and Time: 10/12/2022 12:00

*Person contacted: Nicole Devine

State Watch Office

*Date and Time:

*Incident Number:

Other

*Date and Time:

*Person contacted:

Spill Information

*Spill Characteristic / Wastewater: Untreated

*Type Source: Manhole#2502000

*Area affected: Ground

*Date / Time Discharge Began: 10/11/2022 11:00

*Amount Discharged (in gallons): 100.00

*Amount Recovered (in gallons): 0.00

*Date / Time Discharge Ceased: 10/11/2022 11:20

*Physical Address: 27257 Patrick St. Bonita Springs FL 34135

*Latitude/Longitude: 26.340824°N 81.794681°W

*Malfunction/Cause: Hurricane

Effluent Limit Violations

- ☐ CL_2 (mg/L)
- ☐ TSS (mg/L)
- ☐ Turbidity (NTU)
- ☐ NO_3 (mg/L)
- ☑ Other
- ☐ Fecal Coliforms (CFU/100 mL)
- ☐ pH (SU)
- ☐ CBOD5 (mg/L)
- ☐ Abnormal Flow (MGD)

*Clean Up Status: Complete

***Clean Up Actions:**

- ☐ Vacuumed/Pump Truck
- ☑ Applied Disinfectanct
- ☐ Applied Lime
- ☐ Applied HTH/chlorine
- ☐ Applied absorbents
- ☐ Washed down area
- ☐ Water samples/field measurements taken
- ☐ Raked and disposed of debris
- ☐ Signs posted
- ☑ Other AyrX

Sampling results / Field readings:

***Incident Description and Remedial Action Being Taken** (Include estimated time for completion):

Due to hurricane IAN our lift station panel was submerged and destroyed all of our controls. This required us to rebuild the panel the best we could to locally run the station. during this time the station surcharged the system and caused the manhole to overflow 100 gallons. It was absorbed into the ground in the immediate area surrounding the manhole.

***Future Preventative Measures:**

We worked 24/7 during this time and did the best we were able to after the storm.

FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Wastewater Abnormal Event 5 Day Report

This form is provided for your convenience only, in order to report the required information to Florida DEP. You may complete this form and email to the appropriate District office, as listed below.

Northwest District –NWD_WastewaterCompliance@floridadep.gov
Northeast District - DEP_NED@floridadep.gov
Southwest District - SWD_DW@floridadep.gov
Southeast District - SED.Wastewater@dep.state.fl.us
South District – SD-AbnormalEvents@floridadep.gov
Central District – DEP_CD@floridadep.gov

These incidents, and the corresponding Public Notice of Pollution, may also be reported through the DEP Business Portal. If it is preferred to submit these separately, the PNP may be submitted here. If the spill is greater than 1000 gallons, it MUST be reported to the **State Watch Office** at 1-800-320-0519 and a PNP MUST be submitted. All fields with an asterisk (*) must be completed as they are required by rule 62-620.610, F.A.C.

Responsible Party Information

*Facility Name:	East Water Reclamation Facility
*Permit Number:	FLA012343
*Facility Type:	Domestic
*County:	LEE
*Reporter Name:	Cody Karth
*Reporter Phone:	239-390-4837
*Reporter Email:	Ckarth@bsu.us
*Reporter Address:	11900 East Terry St Bonita Springs FL 34135
*Responsible Party Name:	Bonita Springs Utilities
*Responsible Party Address:	11900 East Terry St Bonita Springs FL 34135
*Responsible Party Phone:	239-992-0711
*Responsible Party Email:	Ckarth@BSU.us

Who was contacted?

DEP

*Date and Time: 10/12/2022 12:00

*Person contacted: Nicole Devine

State Watch Office

*Date and Time:

*Incident Number:

Other

*Date and Time:

*Person contacted:

Spill Information

*Spill Characteristic / Wastewater: Untreated

*Type Source: Lift station (463)

*Area affected: Ground

*Date / Time Discharge Began: 10/10/2022 11:00

*Amount Discharged (in gallons): 10.00

*Amount Recovered (in gallons): 0.00

*Date / Time Discharge Ceased: 10/10/2022 11:10

*Physical Address: 11091 Liberty Crossings Bonita Springs FL 34135

*Latitude/Longitude: 26.380881°N 81.764524°W

*Malfunction/Cause: Hurricane

Effluent Limit Violations

- ☐ CL_2 (mg/L)
- ☐ TSS (mg/L)
- ☐ Turbidity (NTU)
- ☐ NO_3 (mg/L)
- ☑ Other
- ☐ Fecal Coliforms (CFU/100 mL)
- ☐ pH (SU)
- ☐ CBOD5 (mg/L)
- ☐ Abnormal Flow (MGD)

*Clean Up Status: Complete

***Clean Up Actions:**

- ☐ Vacuumed/Pump Truck
- ☑ Applied Disinfectanct
- ☐ Applied Lime
- ☐ Applied HTH/chlorine
- ☐ Applied absorbents
- ☐ Washed down area
- ☐ Water samples/field measurements taken
- ☐ Raked and disposed of debris
- ☐ Signs posted
- ☑ Other AyrX

Sampling results / Field readings:

***Incident Description and Remedial Action Being Taken** (Include estimated time for completion):

Due to power loss from hurricane IAN our lift station overflowed 10 gallons. It was absorbed into the ground in the immediate area surrounding the lift station.

***Future Preventative Measures:**

We worked 24/7 during this time and did the best we were able to after the storm.

FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Wastewater Abnormal Event 5 Day Report

This form is provided for your convenience only, in order to report the required information to Florida DEP. You may complete this form and email to the appropriate District office, as listed below.

Northwest District –NWD_WastewaterCompliance@floridadep.gov
Northeast District - DEP_NED@floridadep.gov
Southwest District - SWD_DW@floridadep.gov
Southeast District - SED.Wastewater@dep.state.fl.us
South District – SD-AbnormalEvents@floridadep.gov
Central District – DEP_CD@floridadep.gov

These incidents, and the corresponding Public Notice of Pollution, may also be reported through the DEP Business Portal. If it is preferred to submit these separately, the PNP may be submitted here. If the spill is greater than 1000 gallons, it MUST be reported to the **State Watch Office** at 1-800-320-0519 and a PNP MUST be submitted. All fields with an asterisk (*) must be completed as they are required by rule 62-620.610, F.A.C.

Responsible Party Information

*Facility Name:	West Water Reclamation Facility
*Permit Number:	FLA014443
*Facility Type:	Domestic
*County:	LEE
*Reporter Name:	Cody Karth
*Reporter Phone:	239-390-4837
*Reporter Email:	Ckarth@bsu.us
*Reporter Address:	11900 East Terry St Bonita Springs FL 34135
*Responsible Party Name:	Bonita Springs Utilities
*Responsible Party Address:	11900 East Terry St Bonita Springs FL 34135
*Responsible Party Phone:	239-992-0711
*Responsible Party Email:	Ckarth@BSU.us

Who was contacted?

DEP

*Date and Time: 10/12/2022 12:00

*Person contacted: Nicole Devine

State Watch Office

*Date and Time:

*Incident Number:

Other

*Date and Time:

*Person contacted:

Spill Information

*Spill Characteristic / Wastewater: Untreated

*Type Source: Lift station (#237)

*Area affected: Ground

*Date / Time Discharge Began: 10/4/2022 17:00

*Amount Discharged (in gallons): 500.00

*Amount Recovered (in gallons): 0.00

*Date / Time Discharge Ceased: 10/4/2022 17:05

*Physical Address: 27311 S. Riverside Dr Bonita Springs FL 34135

*Latitude/Longitude: 26.341583°N 81.783019°W

*Malfunction/Cause: Hurricane

Effluent Limit Violations

- ☐ CL_2 (mg/L)
- ☐ TSS (mg/L)
- ☐ Turbidity (NTU)
- ☐ NO_3 (mg/L)
- ☑ Other
- ☐ Fecal Coliforms (CFU/100 mL)
- ☐ pH (SU)
- ☐ CBOD5 (mg/L)
- ☐ Abnormal Flow (MGD)

*Clean Up Status: Complete

***Clean Up Actions:**

- ☐ Vacuumed/Pump Truck
- ☑ Applied Disinfectanct
- ☐ Applied Lime
- ☐ Applied HTH/chlorine
- ☐ Applied absorbents
- ☐ Washed down area
- ☐ Water samples/field measurements taken
- ☐ Raked and disposed of debris
- ☐ Signs posted
- ☑ Other AyrX

Sampling results / Field readings:

***Incident Description and Remedial Action Being Taken** (Include estimated time for completion):

Due to hurricane IAN our lift station panel was critically damaged. Requiring it to be completely rebuilt and ran in local. during this time it overflowed 500 gallons. It was absorbed into the ground in the immediate area surrounding the lift station.

***Future Preventative Measures:**

We worked 24/7 during this time and did the best we were able to after the storm.

FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Wastewater Abnormal Event 5 Day Report

This form is provided for your convenience only, in order to report the required information to Florida DEP. You may complete this form and email to the appropriate District office, as listed below.

Northwest District –NWD_WastewaterCompliance@floridadep.gov
Northeast District - DEP_NED@floridadep.gov
Southwest District - SWD_DW@floridadep.gov
Southeast District - SED.Wastewater@dep.state.fl.us
South District – SD-AbnormalEvents@floridadep.gov
Central District – DEP_CD@floridadep.gov

These incidents, and the corresponding Public Notice of Pollution, may also be reported through the DEP Business Portal. If it is preferred to submit these separately, the PNP may be submitted here. If the spill is greater than 1000 gallons, it MUST be reported to the **State Watch Office** at 1-800-320-0519 and a PNP MUST be submitted. All fields with an asterisk (*) must be completed as they are required by rule 62-620.610, F.A.C.

Responsible Party Information

*Facility Name:	West Water Reclamation Facility
*Permit Number:	FLA014443
*Facility Type:	Domestic
*County:	LEE
*Reporter Name:	Cody Karth
*Reporter Phone:	239-390-4837
*Reporter Email:	Ckarth@bsu.us
*Reporter Address:	11900 East Terry St Bonita Springs FL 34135
*Responsible Party Name:	Bonita Springs Utilities
*Responsible Party Address:	11900 East Terry St Bonita Springs FL 34135
*Responsible Party Phone:	239-992-0711
*Responsible Party Email:	Ckarth@BSU.us

Who was contacted?

DEP

*Date and Time: 12/9/2022 10:29
*Person contacted: Nicole Devine

State Watch Office

*Date and Time: 12/9/2022 10:45
*Incident Number: 202210105

Other

*Date and Time: 12/9/2022 10:57
*Person contacted: PNP

Spill Information

*Spill Characteristic / Wastewater: Untreated
*Type Source: Lift station 241 Arroyal Master #2
*Area affected: Ground

*Date / Time Discharge Began: 12/9/2022 09:30

*Amount Discharged (in gallons): 2,000.00

*Amount Recovered (in gallons): 500.00

*Date / Time Discharge Ceased: 12/9/2022 09:45

*Physical Address: 27758 Arroyal St - Crown Lake B Bonita Springs Florida 34135

*Latitude/Longitude: 81° 48' 18.025" W, 26° 19' 59.798" N

*Malfunction/Cause: Power

Effluent Limit Violations

- ☐ CL_2 (mg/L)
- ☐ TSS (mg/L)
- ☐ Turbidity (NTU)
- ☐ NO_3 (mg/L)
- ☑ Other
- ☐ Fecal Coliforms (CFU/100 mL)
- ☐ pH (SU)
- ☐ CBOD5 (mg/L)
- ☐ Abnormal Flow (MGD)

*Clean Up Status: Complete

***Clean Up Actions:**

- ☑ Vacuumed/Pump Truck
- ☑ Applied Disinfectanct
- ☐ Applied Lime
- ☐ Applied HTH/chlorine
- ☐ Applied absorbents
- ☐ Washed down area
- ☐ Water samples/field measurements taken
- ☐ Raked and disposed of debris
- ☐ Signs posted
- ☑ Other AyrX

Sampling results / Field readings:

***Incident Description and Remedial Action Being Taken** (Include estimated time for completion):

FPL power failure. Generator failed to start for pumps. Spill contained and cleaned. Pump/ Vac truck on site disposal to the WWRF.

***Future Preventative Measures:**

Maintance and inspection to backup generator.

FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Wastewater Abnormal Event 5 Day Report

This form is provided for your convenience only, in order to report the required information to Florida DEP. You may complete this form and email to the appropriate District office, as listed below.

Northwest District –NWD_WastewaterCompliance@floridadep.gov
Northeast District - DEP_NED@floridadep.gov
Southwest District - SWD_DW@floridadep.gov
Southeast District - SED.Wastewater@dep.state.fl.us
South District – SD-AbnormalEvents@floridadep.gov
Central District – DEP_CD@floridadep.gov

These incidents, and the corresponding Public Notice of Pollution, may also be reported through the DEP Business Portal. If it is preferred to submit these separately, the PNP may be submitted here. If the spill is greater than 1000 gallons, it MUST be reported to the **State Watch Office** at 1-800-320-0519 and a PNP MUST be submitted. All fields with an asterisk (*) must be completed as they are required by rule 62-620.610, F.A.C.

Responsible Party Information

*Facility Name:	West Water Reclamation Facility
*Permit Number:	FLA014443
*Facility Type:	Domestic
*County:	LEE
*Reporter Name:	Cody Karth
*Reporter Phone:	239-390-4837
*Reporter Email:	Ckarth@bsu.us
*Reporter Address:	11900 East Terry St Bonita Springs FL 34135
*Responsible Party Name:	Bonita Springs Utilities
*Responsible Party Address:	11900 East Terry St Bonita Springs FL 34135
*Responsible Party Phone:	239-992-0711
*Responsible Party Email:	Ckarth@BSU.us

Who was contacted?

DEP

*Date and Time: 12/10/2022 12:14

*Person contacted: Nicole Devine

State Watch Office

*Date and Time:

*Incident Number:

Other

*Date and Time:

*Person contacted:

Spill Information

*Spill Characteristic / Wastewater: Untreated

*Type Source: Lift station 65

*Area affected: Storm Water/Ground

*Date / Time Discharge Began: 12/9/2022 07:30

*Amount Discharged (in gallons): 500.00

*Amount Recovered (in gallons): 300.00

*Date / Time Discharge Ceased: 12/9/2022 08:00

*Physical Address: Big Bend Rd.

*Latitude/Longitude: 26.33 81.82

*Malfunction/Cause: Equipment

Effluent Limit Violations

- ☐ CL_2 (mg/L)
- ☐ TSS (mg/L)
- ☐ Turbidity (NTU)
- ☐ NO_3 (mg/L)
- ☐ Other
- ☐ Fecal Coliforms (CFU/100 mL)
- ☐ pH (SU)
- ☐ CBOD5 (mg/L)
- ☐ Abnormal Flow (MGD)

*Clean Up Status: Complete

***Clean Up Actions:**

- ☑ Vacuumed/Pump Truck
- ☑ Applied Disinfectanct
- ☐ Applied Lime
- ☐ Applied HTH/chlorine
- ☐ Applied absorbents
- ☐ Washed down area
- ☐ Water samples/field measurements taken
- ☐ Raked and disposed of debris
- ☐ Signs posted
- ☐ Other AyrX

Sampling results / Field readings:

This system is in a construction phase. After further evaluation It was determined to be not in use yet. There was no place to get samples due to not being able to discharge to any waterways.

***Incident Description and Remedial Action Being Taken** (Include estimated time for completion):

The bypass camlock cover was leaking as the camlock ears had come loose causing the cover to leak. A ball valve was installed before the cam lock and will remain closed when the camlock is not in use.

Of the 500 gallons spilled 300 gallons flowed to the storm drain, 8000 gallons were pumped from the storm drain once the leak had ceased. The remaining 200 gallons was spilled on the ground but unrecoverable, this area was disinfected with AyrX..

This system is in a construction phase. After further evaluation It was determined to be not in use yet. There was no place to get samples due to not being able to discharge to any waterways. Alternatively we jet cleaned the lines and structures. At this point the system is empty of any standing water.

***Future Preventative Measures:**

Install a valve prior to the camlock and in the closed position to prevent the cam lock from leaking when not in use.

FLORIDA DEPARTMENT OF Environmental Protection

South District
PO Box 2549
Fort Myers FL 33902-2549
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

November 17, 2023

Jake Hepokoski, Chief Operator
East Water Reclamation Facility
11550 Operations Way, Bonita Springs, 34135
Bonita Springs, FL 34135
Email: JHepokoski@bsu.us

Re: In Compliance Letter
East Water Reclamation Facility
Facility ID: 0710236
Lee County – Air

Dear Mr. Hepokoski:

Department personnel conducted a compliance inspection of the above-referenced facility on October 30, 2023. Based on a review of facility records and the information provided during the inspection, the facility was determined to be in compliance. A copy of the inspection report is attached for your records.

The Department appreciates your compliance efforts. Should you have any questions or comments, please contact Katie O'Gara at 239-344-5690, or via e-mail at: Katie.OGara@FloridaDEP.gov.

Sincerely,

Louise Chang
Environmental Administrator
Compliance Assurance Program
South District Office
Florida Department of Environmental Protection

Enclosures: Inspection Report

Air Compliance Inspection Report

South District
Florida Department of Environmental Protection

I. GENERAL INFORMATION

Facility Name:	EAST WATER RECLAMATION FACILITY	**AIRS ID:**	0710236
Facility Location:	11550 Operations Way, BONITA SPRINGS, 34135	**County:**	Lee

Responsible Official		Facility Contact		Additional Contact	
Name:	JAKE HEPOKOSKI	**Name:**	JAKE HEPOKOSKI	**Name:**	
Title:	CHIEF OPERATOR	**Title:**	CHIEF OPERATOR EWRF	**Title:**	
Phone:	(239)-495-4247	**Phone:**	(239) 495-4247	**Phone:**	
E-mail:	JHepokoski@bsu.us	**E-mail:**	JHepokoski@bsu.us	**E-mail:**	
Present for Inspection:	No	**Present for Inspection:**	Yes	**Present for Inspection:**	No

Regulatory Classification:	Permit(s) in Effect	Issued/Effective	Expiration Date
Title V	0710236-010-AV	02/02/2022	02/02/2027

Inspection Type:	INS2-Compliance Inspection, Walk Through	Time In:	Time Out:	Compliance Status:	Inspectors Present:
Inspection Date:	10/30/2023	10 : 00	11 : 00	IN COMPLIANCE	Katie Ogara

Facility Description and Applicable Regulations:

See Subsection A. Facility Description and Subsection C. Applicable Regulations of permit 0710236-010-AV.

Have any changes been made at the facility (administrative and/or physical) since the last inspection? No

II. NONCOMPLIANCE HISTORY

No recent violations to report.

Additional Information:

N/A

III. INSPECTION SUMMARY

Inspection Summary

Katie O'Gara (Florida Department of Environmental Protection (FDEP)) met with Jake Hepokoski (Bonita Springs Utilities) on October 30, 2023 to observe the facility and review records. This inspection was routine per the Environmental Protection Agency's (EPA) level of service for title 5 facilities.

Regulated Source(s) Evaluated

Type	Source Number	Description	Status	Initial Compliance Status
FAC		Facility Wide		IN COMPLIANCE
EU	3	Emergency CI Rice	ACTIVE	IN COMPLIANCE
EU	4	Rotary Sludge Dryer with heater and 2 dual wet scrubbers	ACTIVE	IN COMPLIANCE

Is control equipment maintained per rule and/or manufacturers recommendations? Yes

Were any compliance/stack tests being conducted at the time of the inspection? No

Was the facility in compliance with facility-wide conditions?:

Pollutant emissions limiting standards for Objectionable odors? Yes

Reasonable precautions to prevent unconfined PM properly maintained and VE standards? Yes

General pollutant emission limiting standards for VOC/Organic Solvents? Yes

Conditions for unregulated/insignificant/exempt units and/or activities? Yes

Explain any pertinent observations with regard to these Facility Wide requirements:

Fugitive emissions were not observed.

IV. ON-SITE COMPLIANCE REVIEW

Inspection Narrative

Katie O'Gara (Florida Department of Environmental Protection (FDEP)) met with Jake Hepokoski (Bonita Springs Utilities) on October 30, 2023 to observe the facility and review records. Inspection per permit 0710236-010-AV conditions: Emission Unit (EU004) Dryer - Condition A.1. Permitted Capacity. The process/operation rate of pellet production shall not exceed 1,216 lbs/hr. Pellet production was 752 lbs/hr in 2022. Condition A.2. Methods of Operation. Fuels. The fuels that are allowed to be burned in this unit are: Natural gas is allowed to be burned as the primary fuel. Low Sulfur # 2 fuel oil is allowed to be burned as a secondary fuel if natural gas becomes unavailable. Natural gas is predominantly used. Thirty eight (38) gallons of No. 2 diesel was used in June 2022. No.2 diesel is used once a year for engine testing. Condition A.5. Mercury (Hg). Emissions to the atmosphere shall not exceed 3.2 kg (7.1 lb) of mercury (Hg) per 24-hour period. June 2, 2021 test showed mercury emissions of .004894 per year. EU003 Emergency RICE Condition B.2.(c) Other Situations. The owner or operator may operate the emergency stationary RICE up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing. Non-emergency hours of operation for 2022 were below 100 hours. Condition B.6. Work or Management Practice Standards Maintenance records. -In compliance.

V. OFF-SITE RECORDS REVIEW

Were all monitoring/reporting requirements met? Yes

Explain any pertinent details with regard to monitoring/reporting requirements:

Condition A.9 Compliance Tests Prior for Renewal. Compliance tests shall be performed for Hg once every five years. The tests shall occur prior to obtaining a renewed operating permit to demonstrate compliance with the emission limits in Specific Conditions A.5. [Rules 62-210.300(2)(a) and 62-297.310(7)(a), F.A.C.]
-June 2, 2021 test showed mercury emissions of .004894 per year.

VI. ITEMS OF CONCERN

No Items of Concern.

VII. COMMENTS

No additional comments.

VIII. SIGNATURES

Lead Inspector:

Lead Inspector Signature:

Supervisor or Reviewer:

Supervisor or Reviewer Signature:

FLORIDA DEPARTMENT OF Environmental Protection

South District
PO Box 2549
Fort Myers FL 33902-2549
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

November 18, 2024

Kim Hoskins, Director of Engineering
Bonita Springs Utilities
11860 E. Terry St.
Bonita Springs, FL 34145-6127
E-mail: KHoskins@bsu.us

Re: Compliance Assistance Offer
Bonita Springs Utilities – East WRF
Facility ID No. FLA012343
Lee County – DW

Dear Ms. Hoskins:

A Compliance Evaluation Inspection and a Sanitary Sewer Overflow Preventive Inspection were conducted at your facility on **October 22, 2024**. During these inspections, potential non-compliance was noted. The purpose of this letter is to offer compliance assistance as a means of resolving these matters.

Specifically, potential non-compliance with the requirements of Chapter 403, Florida Statutes, and Chapters 62-160, 62-600, 62-610 and 62-620, Florida Administrative Code, was observed. Please see the attached inspection report for a full account of Department observations and recommendations.

We request you review the items of concern noted and respond in writing within **30 days** of receipt of this Compliance Assistance Offer. Your written response should include one of the following:

1. Describe what has been done to resolve the non-compliance issue or provide a schedule describing how/when the issues will be addressed,
2. Provide the requested information, or information that mitigates the concerns or demonstrates them to be invalid, or
3. Arrange for the case manager to visit your facility to discuss the items of concern.

It is the Department's desire that you are able to adequately address the aforementioned issues so that this matter can be closed. Your failure to respond promptly may result in the initiation of formal enforcement proceedings. Any document submittals can be made to our email mailbox at **SD-WWinspect@FloridaDEP.gov** or may be mailed to the above address.

If you have any questions regarding this matter, please contact **Alex McSurley** of the South District Office at **239-344-5679** or via e-mail at **Alexandria.Mcsurley@FloridaDEP.gov**. We look forward to your cooperation with this matter.

Sincerely,

David Fiess, MPA
Assistant Director of District Management
South District Office
Florida Department of Environmental Protection

Enclosures: Inspection Report

ec: Jake Hepokoski (via e-mail: JHepokoski@bsu.us)
Don Woodruff (via e-mail: DWoodruff@bsu.us)

Bonita Springs East WRF (FLA012343)
Photos by Alex McSurley on 10/22/2024

I certify that these photos represent the true on-site conditions observed and have not been altered in any way.

Alex McSurley

1. Headworks

2. Equalization Tank and Odor Control System

3. Fine Screen Facility

4. Fine Screen Facility

5. Fine Screen Facility

6. Fine Screen Facility

Bonita Springs East WRF (FLA012343)
Photos by Alex McSurley on 10/22/2024

I certify that these photos represent the true on-site conditions observed and have not been altered in any way.

Alex McSurley

7. Anoxic Basin

8. Anoxic Basin

9. Aerobic Basin

10. Aerobic Basin

11. Aerobic Basin

12. Membrane Basins

Bonita Springs East WRF (FLA012343)
Photos by Alex McSurley on 10/22/2024

I certify that these photos represent the true on-site conditions observed and have not been altered in any way.

Alex McSurley

13. Membrane Basins

14. Chlorine Contact Chamber

15. Wet Weather Pond

16. Drying Facility

17. Drying Facility

18. Drying Facility

Bonita Springs East WRF (FLA012343)
Photos by Alex McSurley on 10/22/2024

I certify that these photos represent the true on-site conditions observed and have not been altered in any way.

Alex McSurley

19. Dewatering Facility

20. Dewatered Biosolids

21. Biosolids Loading Area

22. Lift Station Control Panel

23. Lift Station Wet Well

I certify that these photos represent the true on-site conditions observed and have not been altered in any way.

Alex McSurley

24. Lift Station Control Panel

25. Lift Station Wet Well

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
WASTEWATER COMPLIANCE INSPECTION REPORT

Facility Details

Facility Name	Bonita Springs Utilities – East WRF			**WAFR ID**	FLA012343		
Physical Address	11550 Operations Way			**City, State, Zip**	Bonita Springs, FL 34135		
County	Lee			**Facility Phone #**	(239) 390-4834		
Permit Issued:	7/31/2019			**Permit Expiration:**	11/25/2024		
Facility Type	Domestic Wastewater			**Is the Facility NPDES (Y/N)**	No		
Latitude	**Degrees °**	26	**Minutes ‘**	22	**Seconds “**	22.62	
Longitude	**Degrees °**	-81	**Minutes ‘**	45	**Seconds “**	57.27	

Inspection Details

Inspection Type	**Entry Date**	**Exit Date**	
CEI	10/22/2024	10/22/2024	
	Entry Time (HH:MM AM/PM)	**Exit Time (HH:MM AM/PM)**	
SSOP	11:45 AM	2:00 PM	
Samples Taken (Y/N) No	**RQ#** N/A	**QA Conducted (Y/N)**	No
Name(s) and Title of Field Representatives(s)	**Operator Certification**	**Email**	**Phone Number**
Jake Hepokoski, Chief Operator	Class A - 0012794	JHepokoski@bsu.us	(239) 495-4247
Name(s) and address of Permittee / Designated Rep.	**Title**	**Email**	**Phone Number**
Kim Hoskins 11860 E. Terry St. Bonita Springs, FL 34135-6127	Director of Engineering	KHoskins@bsu.us	(239) 390-4834

Inspector Information

Name(s) and Signature(s) of Inspectors(s)	**District Office/Phone Number**	**Date**
Alex McSurley	SD (239) 344-5679	11/8/2024
Name and Signature of Reviewer	**District Office/Phone Number**	**Date**
Landon Reigelman	SD/ (239) 344-5633	11/15/2024

Facility Compliance Eval Areas

IC = In Compliance; MC = Minor Out of Compliance; NC = Out of Compliance; SC = Significant Out of Compliance; NA = Not Applicable; NE = Not Evaluated
Significant Non-Compliance Criteria Should be Reviewed when Out of Compliance Ratings Are Given in Areas Marked by a “”*

Overall Compliance Determination	Out of Compliance						
NC	*Permit	IC	Laboratory	IC	Facility Site Review	IC	*Effluent Quality
NA	*Compliance Schedules	NC	Sampling	IC	Flow Measurement	IC	*Effluent Disposal
NC	*Records & Reports	IC	Biosolids	IC	*Operation & Maintenance	NA	*Groundwater
IC	SSO Survey	NE	Other	NA	Nutrient Management Plan	NA	Access Control
NA	Site Restrictions & Setbacks	NA	Odor/Nuisance	NA	Site Monitoring	NA	MLPW Disposal
NA	Manure Solids						

Clear Report | **Hide/Unhide Placeholders** | **Generate Blank Rows (for field paper setup)** | **Generate Deficiency & Observation Rows** | **Finish Inspection Report Form**

Single Event Violations ("?" SNC SEVs)

Check for Yes	Evaluation Area	Description	Finding Description	Finding ID
☐	Permit	Effluent Violations - Unapproved Bypass	Wastewater was diverted from a portion of the treatment process without department approval.	UNBY
☐	*Permit	Permit Violations - Discharge Without a Valid Permit	The facility was operating without a permit or with an expired permit.	UPHI
☒	Permit	Permit Violations - Failure to Submit Timely Permit Renewal Application	The permittee failed to submit an application to renew the existing permit at least 180 days prior to expiration.	PFSA
☐	Laboratory	Management Practice Violations - Laboratory Not Certified	The laboratory was not certified by the National Environmental Laboratory Accreditation Conference (NELAC).	LNCE
☒	Sampling	Monitoring Violations - Analysis not Conducted	The facility failed to collect and/or analyze samples as required by permit or enforcement action.	ANCV
☐	Sampling	Monitoring Violations - Failure to Monitor for Toxicity Requirements	The facility failed to collect and/or analyze routine or follow-up toxicity samples.	FTOX
☐	Records and Reports	Management Practice Violations - Failure to Develop Adequate SPCC Plan	The facility failed to develop or maintain their Spill Prevention Control and Countermeasures (SPCC) plan.	FSPC
☐	Records and Reports	Management Practice Violations - Failure to Maintain Records	The facility failed to maintain records for the required retention period.	FMRR
☐	Records and Reports	Reporting Violations - Failure to Notify	The permittee failed to notify the department of any event or activity that requires notification as required by permit or rule.	RSWP
☐	Records and Reports	Reporting Violations - Failure to Submit DMRs	The permittee failed to submit any DMR required by rule, permit, or enforcement action in a timely manner.	FDMR
☐	Records and Reports	Reporting Violations - Failure to submit required report (non-DMR, non-pretreatment)	The facility failed to submit any report required by rule, permit, enforcement action or inspection activity except for DMRs.	FRPT
☐	Facility Site Review	Management Practice Violations - Improper Land Application (non-503, non-CAFO)	The land application system was not being maintained.	LASN
☐	Flow Measurement	Monitoring Violations - No Flow Measurement Device	The facility failed to install a flow measurement device, an approved flow measurement device, or a working flow measurement device.	NOFL
☐	Operation and Maintenance	Management Practice Violations - Improper Operation and Maintenance	The facility failed to follow their operation and maintenance plan/manual.	IONM
☐	Operation and Maintenance	Management Practice Violations - Inflow/Infiltration (I/I)	The facility had an inflow and infiltration problem causing collection system issues and/or operational issues.	ININ
☐	Operation and Maintenance	Management Practice Violations - No Licensed/Certified Operator	The facility was being operated without a certified operator or by an operator that is not licensed for the size of plant.	ONCO
☐	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent acute toxicity has been documented through follow-up tests.	EATX
☐	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent chronic toxicity has been documented through follow-up tests.	ECTX
☐	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent acute or chronic toxicity has been documented in the effluent through the use of routine and follow-up tests.	ETOX
☐	Effluent Quality	Effluent Violations - Narrative Effluent Violation	The facility violated a permit or enforcement narrative effluent limit.	XNEV
☐	Effluent Quality	Effluent Violations - Reported Fish Kill	The facility had a discharge of wastewater that resulted in a fish kill.	XFSH
☐	Sanitary Sewer Overflow Survey	WW SSO - Discharge to Waters	A sewage spill from any components of a collection/transmission system or from a treatment plant reached surface waters including stormwater conveyance system or drainage ditch.	SSO1
☐	Sanitary Sewer Overflow Survey	WW SSO - Failure to Maintain Records or Meet Record Keeping Requirements	The facility failed to keep routine documentation and reporting records of spills, and/or operation and maintenance activities on the collection/transmission system.	SSO2
☐	Sanitary Sewer Overflow Survey	WW SSO - Failure to monitor	The facility failed to collect and/or analyze bacteriological samples for sewage spills that reached surface waters.	SSO3
☐	Sanitary Sewer Overflow Survey	WW SSO - Failure to report violation that may endanger public health 122.41(l)(7)	The facility failed to report a sewage spill within 24 hours of discovery.	SSO4
☐	Sanitary Sewer Overflow Survey	WW SSO - Improper Operation and Maintenance	The facility failed to perform routine preventative maintenance to keep the collection/transmission system in good working order.	SSO5
☐	Sanitary Sewer Overflow Survey	WW SSO - Overflow to Dry Land	A sewage spill from any part of a collection/transmission system or treatment plant that did not make it to surface waters, i.e., stormwater collection system, drainage ditch, stream, pond, or lake.	SSO6

Permit

Compliance Rating	Out of Compliance
Does this section apply to the facility?	(•) **Yes** ( ) **No**

Questions	
*Is the permit current?	**Yes**
Is a copy of the permit available onsite?	**Yes**
Is the facility operated in accordance with the permit?	**Yes**
*Was the facility constructed or modified with an appropriate or valid permit issued by the Department?	**Yes**
Has the facility submitted the permit renewal application 180 days prior to the expiration date?	**No**
If the permittee for the facility has changed did the department receive notification of this change?	**N/A**
If the permit is accompanied by a Consent Order or Administrative Order, are they abiding by the conditions of the order?	**N/A**
Is wastewater from a portion of the treatment process diverted with Department approval?	**N/A**
*Is the facility discharging to waters of the state with an appropriate FDEP permit?	**Yes**
*Was the facility free from unpermitted discharge, bypass, collection system, or residuals with a high potential for water quality or health impacts?	**Yes**
Is the facility free from any Permit violation not listed above that needs to be addressed?	**Yes**

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "☒"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Deficiencies & Corrective Actions:

The permittee failed to submit an application to renew the existing permit at least 180 days prior to expiration. [62 620.335 (1) F.A.C., 62-620.410 (5) F.A.C., PFSA]	Deficiency: (Narrative) Department records indicate that the current operating permit will expire on November 25, 2024. F.A.C. Rule 62-620.335 (1) states that a Permittee shall submit an application to renew the existing permit at least 180 days before the expiration date of the existing permit. Timely and sufficient submittal of the renewal application and permit processing fee is important (and in your best interest) as it automatically extends the expiration date on the existing permit until the Department takes final action on the renewal application. A tardy application could result in non-compliance. Your renewal application was due on 5/24/2024. Your renewal application, with appropriate application fee, was received by the Department on 5/28/2024.
	Corrective Action(s): (Narrative) The facility submitted the renewal application on 5/28/2024. Additionally, a Request for Additional Information (RAI) was sent on 6/27/2024. The facility submitted a response to this RAI on 9/9/2024 and the application was made complete on 9/23/2024. No further actions. Permit Renewal Application: https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=38.1297877.1]&[profile=Permitting_Authorization]

Observations:

No additional observations.

Compliance Schedule

Compliance Rating	Not Applicable
Does this section apply to the facility?	○ **Yes** ◉ **No**
Questions	
If the facility has a compliance schedule in a permit, Administrative Order or Enforcement Action are they in compliance with the schedule?	**N/A**
*Are the Compliance Date(s), Construction Milestone(s), Enforcement Order Schedule(s) or Final Compliance Date started/completed within 90 days of the due date?	**N/A**
Has the facility completed construction and submitted a Notification of Completion of Construction for Wastewater Facilities or Activities (Form 62-620.910 (12)), if required?	**N/A**
Has the Notification of Availability of Record Drawings and Final Operation and Maintenance Manuals (Form 62-620.910 (13)) been submitted as required?	**N/A**
If the facility is under a Toxicity Corrective Action Plan, are they in compliance with the plan?	**N/A**
Is the facility free from any Compliance Schedule violation not listed above that needs to be addressed?	**N/A**
• *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"* • *Questions with "No" responses indicate deficiencies* • *Questions with "N/A" responses do not apply to the facility*	
Observations:	
Not applicable. This facility does not have any ongoing compliance schedules at this time.	

Laboratory

Compliance Rating	In Compliance
Does this section apply to the facility?	◉ **Yes** ○ **No**
Questions	
Is there a current copy of the laboratory certification onsite?	**Yes**
If the facility has an onsite laboratory does it have a Florida Department of Health Environmental Laboratory Certification Program certification?	**N/A**
Facility DOH Certification #	N/A **N/A**
Contract Lab Name and DOH Certification #	Sanders Laboratories, INC (Nokomis) – E84380; Sanders Laboratories, INC (South) – E85457 **Yes**
Does the onsite laboratory use sample analysis methods prescribed in 40 CFR part 136 or a test method that has gone through the EPA alternative method approval process?	**N/A**
Does the facility have standard operating procedures that follow the methods set in 62-620.10(18) F.A.C. including 40 CFR Part 136; including required instrumentation, glassware cleaning, reagent/standard use, and troubleshooting procedures?	**N/A**
Does the facility have a QA/QC program with a written QA/QC manual as required by 40 CFR 122.41 that is up to date and available for review?	**N/A**

Does the facility follow the procedures set in the QA/QC manual; including instrument calibration/maintenance, checks on standard solutions, sample analysis precision/accuracy limits on a prescribed bases and QC samples (duplicate, spiked, blank in at least 10%)?	N/A
Is the detailed record complete and available for review for each set of analyses performed including the order of calibration, QA/QC, bracketing, and samples analyzed?	N/A
Does the facility have QA/QC records on the reagent preparation, instrument calibration/maintenance, incubator temperature and purchase of laboratory supplies?	N/A
Does the facility's laboratory documentation of the sample results use qualifier codes when sample QA/QC fall outside acceptable precision and accuracy limits set in the QA/QC manual?	N/A
Does the facility's laboratory take and record corrective actions or trouble shooting steps when data falls out of the precision and accuracy limits?	N/A
Are records of standard(s) and reagent(s) preparation maintained at the laboratory?	N/A
Is the laboratory maintaining adequate records for reagent preparation(s)?	N/A
Does the laboratory have a system for uniformly recording, correcting, processing and reporting data; including formulas, significant figures, rounding rules, units, cross-checking calculations?	N/A
Is the facility's laboratory adequate for analyzing samples; including pure water, clean bench space for instrument use/storage free of contamination, necessary equipment, vibration free area, ventilation, humidity and temperature control?	N/A
Does the Laboratory meet NELAC and EPA standards including dry and clean sample storage locations, sample custodian(s) to ensure upon receipt of samples, proper sample storage, preservation and custody documentation?	N/A
Does the facility use appropriate standards that are prepared in volumetric glassware, checked against reliable primary standards, labeled properly, stored in clean containers, and discarded when expired or degraded?	N/A
Does the facility's laboratory analyst(s) demonstrate competency and appropriate training; including ability to follow procedures, ability to meet precision and accuracy limits, knowledge of equipment and analytical methods.	N/A
If the facility test requires temperature measurement, is there a thermometer present that is routinely calibrated against NIST thermometer within calibration date range?	N/A
Is the sample refrigerator temperature correct to meet the preservation requirements for the samples stored within?	N/A
Is the facility free from any Laboratory violation not listed above that needs to be addressed?	Yes

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Observations:

The facility's contract laboratory certification will expire on June 30, 2025.

Sampling

Compliance Rating	Out of Compliance
Does this section apply to the facility?	(•) **Yes** ( ) **No**
Questions	
In facility logbooks or other documentation, are the daily records appropriately recorded, including composite sampler or other temperatures, and daily calibration of meters.	Yes
Does the facility maintain records of their daily calibration of their pH meter, Chlorine meter, Dissolved Oxygen meter?	Yes

Does the facility maintain records of their daily checks of their in-line meter(s) with their field meter(s)?	**Yes**
Do field sheets document that the collection and analysis of field tests were analyzed within the 15-minute holding time.	**Yes**
Are meters calibrated and sample analysis conducted at the facility done in accordance with DEP SOP and NELAC guidelines? (Calibration frequency and sample bracketing for pH, Total residual Chlorine (TRC), Turbidity, DO)	**No**
Are all the primary and secondary standards used to calibrate and verify meters, used prior to expiration dates and verified against primary standards appropriate for pH, TRC, Turbidity, DO?	**Yes**
Are the inline meters reading within established limits compared to the bench meters? (TRC ≤ 20%, Turbidity ≤ 20%, pH 0.2 SU)	**Yes**
Were safe access points for obtaining representative influent/effluent samples available?	**Yes**
Are influent sampling points put prior to internal facility return lines including supernatant, filter backwash and return activated sludge (RAS)?	**Yes**
Are samples being collected and analyzed as required by the permit or enforcement action; including location, type (grab/composite), time, and frequency?	**No**
Are samples being collected in the proper containers, preserved and analyzed in appropriate hold times in accordance with 40 CFR Part 136, Table II?	**Yes**
If the facility has a composite sampler with cooling system at the influent/effluent sampling location is there a thermometer present in the sampler that is annually checked against NIST thermometers?	**Yes**
Is composite sampling being conducted appropriately; including purging, sampling velocity at least 2fps, clean tubing, individual sample volume of at least 100 mL, sample storage of <6°C preservation, hold times and representative samples?	**Yes**
Did the facility have their Chain of Custody records?	**Yes**
If sampling was conducted and observed during the inspection, did the sampling follow DEP SOP requirements?	**N/A**
Did the facility collect and/or analyze routine or follow-up toxicity samples as required by permit or enforcement action?	**N/A**
Is the facility free from any Sampling violation not listed above that needs to be addressed?	**Yes**

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Deficiencies & Corrective Actions:

Are meters calibrated and sample analysis conducted at the facility done in accordance with DEP SOP and NELAC guidelines? (Calibration frequency and sample bracketing for pH, Total Residual Chlorine (TRC), Turbidity, DO) [62-160.210 (1) F.A.C., 62-160.800 (1)(a) F.A.C., DEP SOP FT 1000]	Deficiency: (Narrative) A review of the facility's calibration/verification logs revealed that the Chlorine and Turbidity logs did not include units of standard.
	Corrective Action(s): (Narrative) Please submit documentation to the Department demonstrating that the calibration/verification logs for Turbidity and Chlorine have been updated to include units of standard.
	Deficiency: (Narrative)

The facility failed to collect and/or analyze samples as required by permit or enforcement action. [62-600.650 (1) F.A.C., 62-620.610 (18) F.A.C., 62-160.210 (1) F.A.C., 62-600.660 (1) F.A.C., DEP SOP FS 2400, ANCV]	A records review revealed that the facility collected pathogen monitoring samples for Giardia and Cryptosporidium on February 20, 2024. Per 62-610.463(4)(c) F.A.C., referenced on the DEP pathogen monitoring report form 62-610.300(3)(a)4, "samples shall be taken during peak flow periods between the months of August and October".
	Corrective Action(s): (Narrative) Please submit a response to the Department detailing the facility's plan to adjust the pathogen monitoring schedule to comply with the requirements noted above.
Observations:	
Please refer to Table A in the Appendix for a list of expiration dates and lot numbers for buffers, standards, and reagents.	

Records and Reports

Compliance Rating	Out of Compliance
Does this section apply to the facility?	(•) Yes ( ) No
Questions	
Are the entries in the operator logbook clear, concise, informative and relevant?	Yes
Was copy of the current O&M manual available at the time of the inspection?	Yes
Is there a current operator license?	Yes
Is there a current RPZ certification?	Yes
Is there a copy of the current Operating Protocol for Part 3 Reuse?	Yes
Does the facility have and maintain their Spill Prevention Control and Counter measurement (SPCC) Plan?	N/A
Are all required documents and reports available at the plant well organized and complete?	Yes
Does the facility maintain the records onsite for the required retention period?	Yes
Discharge Monitoring Reports (DMRs) Review Period	10/1/2023 – 9/30/2024 Yes
Are the discharge monitoring reports completed properly?	No
Are the DMRs submitted on the proper form?	Yes
Is an authorized representative signing the DMRs?	Yes
Has the permittee submitted an annual Reclaimed Water and/or Effluent Analysis Report?	Yes
Does the facility submit their monitoring results for Giardia and Cryptosporidium in a timely manner?	No
A review of the last toxicity test did not reveal any deficiencies?	N/A
Has the facility submitted all report(s) during the review period that are required by rule, permit, enforcement action or inspection activity, other than DMRs?	Yes
*Has the facility timely submitted DMRs as required by rule, permit, or enforcement action? (If either reports are >30 days late meets SNC criteria)	Yes
Has the facility submitted all final compliance schedule reports as required by rule, permit, or enforcement action?	N/A
Has the permittee notified the Department of any event or activity that requires notification as required by permit or rule?	Yes
*Are records or reports free from falsified data?	Yes

Is the facility free from any Records and Reports violation not listed above that needs to be addressed?	Yes

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Deficiencies & Corrective Actions:	
Are the discharge monitoring reports completed properly? [403.161(1)(b) F.S., 62-600.680 F.A.C.]	Deficiency: (Narrative) A review of the discharge monitoring reports revealed deficiencies. Please refer to Table C in the Appendix for additional details.
	Corrective Action(s): (Narrative) Please correct and resubmit the DMRs with noted calculation and/or transcription errors.
Does the facility submit their monitoring results for Giardia and Cryptosporidium in a timely manner? [62-610.463 (4) F.A.C., 62-600.680 F.A.C.]	Deficiency: (Narrative) A records review revealed that the facility collected pathogen monitoring samples for Giardia and Cryptosporidium on February 20, 2024. Per 62-610.463 (4)(c) F.A.C., referenced on the DEP pathogen monitoring report form 62-610.300 (3)(a)4, "samples shall be taken during peak flow periods between the months of August and October".
	Corrective Action(s): (Narrative) Please submit a response to the Department detailing the facility's plan to adjust the pathogen monitoring schedule to comply with the requirements noted above.

Observations:

Please refer to Table B in the appendix for additional details regarding operators' licenses kept onsite.

Facility Site Review

Compliance Rating	In Compliance
Does this section apply to the facility?	(•) Yes ( ) No
Questions	
The headworks was free from excessive corrosion.	Yes
The headwork is free from evidence of recent overflows.	Yes
Is the odor control system operational at the headworks?	Yes
Is the comminutor operational at the headworks?	Yes
Is the grit separator operational at the headworks?	Yes
Is the bar screen cleaned on a routine basis?	Yes
Is the mechanical bar screen functioning as intended?	Yes
Are screenings and grit being collected from the headworks in suitable containers?	Yes
Rags, grit and/or screening are being disposed of properly.	Yes
Are screenings and grit from the headworks being disposed at a Class I Landfill?	Yes
Are records of the disposal of the screenings and grit collected at the headworks available?	Yes
The leachate from the screening dumpster(s) is piped to the headworks and not onto the ground.	Yes
Is the clarifier free from solids discharging over the weir(s)?	N/A
Is the clarifier free from excessive sand and/or grit accumulation?	N/A
Is the clarifier free from excessive scum, algae and/or trash overflowing the weir?	N/A
Does the skimmer appear to be functional in the clarifier?	N/A
Is the sludge collector and pump functional in the clarifier?	N/A
Are the clarifier weir(s) level?	N/A

Is the clarifier free from short circuiting with loss over the weir?	**N/A**
Are the aeration basins diffusers free from clogs and providing adequate mixing?	**Yes**
Was the time clock or manual controls for the aeration system operational at the time of the inspection?	**Yes**
Is the RAS line properly located?	**Yes**
The RAS line was free from excessive splashing that could cause solids to be discharged outside the tank.	**Yes**
The mixed liquor (MLSS) in the oxidation ditch was appropriately colored with no black coloring.	**N/A**
Is even distribution of air observed in the aeration basin?	**Yes**
Are the air line(s) to the aeration basin(s) free from leaks?	**Yes**
The brushes and paddles in the oxidation ditch were all in good working order.	**N/A**
Is the velocity in the oxidation ditch sufficient to prevent settling of solids?	**N/A**
Are dual blower motors present as required by rule?	**Yes**
Are the blower motors equipped with belt guards?	**Yes**
The blower motors are free from excessive noise.	**Yes**
Are all the blower motors present and operational at the time of the inspection?	**Yes**
Are spare parts and a second standby blower motors stored onsite?	**Yes**
Is the electrical box wiring for the blower motors adequately protected?	**Yes**
Were the tank contents in the aerobic digester(s) well mixed?	**Yes**
Are the digester(s) free from excessive odors and/or foaming?	**Yes**
Is the digester at the appropriate operational capacity?	**Yes**
Are there two functioning pumps in the surge tank(s)?	**Yes**
What was the biomass color of the trickling filter at the time of the inspection?	N/A **N/A**
Is trickling filter media free from excessive ponding?	**N/A**
Are center columns and distribution arms of the trickling filter free from leaks?	**N/A**
Are the distribution arm orifices free from clogs, trash and/or scum resulting in uneven distribution of flow on the trickling filter media?	**N/A**
Is the RBC free from black biomass indicating solids and/or BOD loading?	**N/A**
Is the RBC free from white biomass indicating the presence of bacteria, which feed on sulfur compounds?	**N/A**
Is the RBC free from excessive grinding/whining noise(s) from the motor, drive shaft, and bearings?	**N/A**
Are all RBC rotating disks and/or paddles present and in good working?	**N/A**
Is the RBC unit drive shaft free from excessive vibration?	**N/A**
Are all the aerators in the lagoon operational at the time of the inspection?	**N/A**
Is the base of the lagoon free from lateral seepage at the time of the inspection?	**N/A**
Does the treatment lagoon have adequate freeboard space?	**N/A**
Is the treatment lagoon properly secured to prevent unauthorized access?	**N/A**
Is the treatment lagoon free from excessive foaming?	**N/A**
Are the treatment lagoon berms properly stabilized?	**N/A**
Is the Chlorine Contact Chamber (CCC) effluent clear and free from scum, solids accumulation and debris?	**Yes**
Are the baffles in the CCC functioning as intended?	**Yes**
Does the Chlorine injection point provide optimal mixing to occur in the CCC?	**Yes**
Is the CCC Chlorine pump operational, providing adequate Chlorine supply for disinfection and at the permitted location?	**Yes**
Is the Chlorine storage area protected from the elements?	**Yes**

Is the alarm indicator for the Chlorine system operational?	**Yes**
Is the Chlorine supply covered in frost indicating an issue with the system?	**N/A**
Is the fan inside the Chlorine room operational?	**N/A**
Are the Chlorine scales operational?	**N/A**
Is an operational Self-Contained Breathing Apparatus (SCBA) available for the Chlorine room?	**N/A**
Are the Chlorine gas cylinders properly secured?	**N/A**
Is a fresh supply of ammonia available to test for leaks in the gas chlorination system?	**N/A**
Do the UV ballast control boxes have adequate ventilation?	**N/A**
Does the plant staff have access to UV protective eyeglasses?	**N/A**
Is the facility maintaining adequate records of UV lamp operating hours?	**N/A**
Are the UV lamps and ballast being cleaned in accordance with the manufacturer's recommendation?	**N/A**
Does the facility have an adequate inventory of spare parts for the UV system?	**N/A**
Is the facility conducting routine performance checks on the UV system?	**N/A**
Is the UV intensity monitoring equipment operational?	**N/A**
Is the stilling well free from a thick layer of sludge and/or trash?	**N/A**
Is the Chlorine contact chamber providing a minimum contact time of 15 minutes?	**Yes**
Chlorine and SO2 cylinders marked with empty/full tags?	**N/A**
Is the automatic SO2 feed operational within de-chlorination process?	**N/A**
Is the SO2 system free from frost within de-chlorination process?	**N/A**
Are the bisulfite (SO2) gas cylinders properly secured for de-chlorination?	**N/A**
Was there adequate ventilation in the SO2 room?	**N/A**
Is the filter media free from solids that could cause plugging and/or overflow?	**N/A**
Is the land application system being maintained?	**Yes**
If an injection well was plugged or abandoned, was it completed appropriately with DEP approval?	**N/A**
If a well was constructed, was it permitted prior to beginning construction and constructed as required by permit?	**N/A**
Is the injection well Operation and Maintenance done satisfactorily?	**Yes**
Is there adequate access to all monitoring locations?	**Yes**
Is the exterior of the tanks, wall, and/or pipes of the facility free from leaks?	**Yes**
Are the facility grounds clean and well maintained?	**Yes**
Is the required signage adequate?	**Yes**
The facility was free from odors emanating from the facility.	**Yes**
The facility was free from excessive noise which could be heard beyond the boundaries of the facility.	**Yes**
Is the facility providing safety measures at all times including adequate lighting?	**Yes**
The facility is disposing of sludge appropriately, with no sludge being disposed of on the facility grounds.	**Yes**
Was an alternative power source available at the facility?	**Yes**
Is the onsite generator tested under load on a monthly basis?	**Yes**
Are records available for the testing of the generator?	**Yes**
Is the area around the lift station(s) maintained?	**Yes**
Are there warning signs with emergency contact information on and/or around the lift station(s)?	**Yes**
Does the facility have a fence around their lift station(s)?	**Yes**
Is the gate around the lift station and the cover to the lift station locked?	**Yes**
Is the cover to the lift station(s) free from safety hazards?	**Yes**

Are there two functioning pumps that alternate?	Yes
Is the electrical panel in good working order and free from needed repair and/or replacement?	Yes
Was the collection system or lift station free from offsite objectionable odors?	Yes
The lift station visual and audio alarm operating satisfactory?	Yes
Are the potable water supply lines and the facility free from cross connections?	Yes
Is an RPZ in place and free of leaks on all potable water supply lines?	Yes
Is there a record of testing available on the RPZ?	Yes
Is the facility free from any Facility Site Review violation not listed above that needs to be addressed?	Yes

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Observations:

Please note that the foam in the CCC, in photo 14 of the photo log, is caused by excess Chlorine resulting from the Chlorine cleaning of the membranes, which took place the same day as the inspection.

The facility's RPZs were last certified on June 14, 2024.

The lift station RPZs were last certified in October 2024.
Lift station(s) warning systems were functional with both Audio and Visual alarms.

Flow Measurement

Compliance Rating	In Compliance
Does this section apply to the facility?	(•) Yes ( ) No
Questions	
Is there easy access to flow meter?	Yes
Is the flow meter in the correct location?	Yes
Is the flow measuring device installed properly?	Yes
Is the flow meter calibrated at least annually and is it current?	Yes
When was the flow meter last calibrated?	See observation below Yes
Is the flow measurement device operating within +/- 10% of the actual flow?	Yes
Is the flow meter operating properly at the time of the inspection?	Yes
The chart recorder and/or totalizer for the flow meter was operational at the time of the inspection.	Yes
The elapsed time meters on the lift station pumps were functioning.	Yes
The flow entering the convergence section of the Parshall Flume was free of excessive turbulence.	N/A
Is the facility free from any Flow Measurement violation not listed above that needs to be addressed?	Yes

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Observations:

The facility's latest set of calibrations:

- Headworks Flow Meter – 8/22/2024
- Effluent Flow Meter – 8/22/2024
- EQ Flow Meter – 8/22/2024
- Backpulse Flow Meter – 8/26/2024
- Centrifuge Feed Pump #1 – 8/22/2024
- Centrifuge Feed Pump #2 – 8/27/2024
- EWRF WAS Flow Meter – 8/26/2024
- Permeate Flow Meter – 8/26/2024
- RDT Pump #1 Flow Meter – 8/22/2024
- RDT Pump #2 Flow Meter – 8/22/2024
- Reject Pond Flow Meter – 8/22/2024
- Train #1 Flow Meter – 8/26/2024
- Train #2 Flow Meter – 8/26/2024
- Train #3 Flow Meter – 8/26/2024
- Train #4 Flow Meter – 8/26/2024
- W3 Flow Meter – 8/22/2024
- WWRF to EWRF WAS Flow Meter – 8/22/2024

Operations and Maintenance

Compliance Rating	In Compliance
Does this section apply to the facility?	(•) **Yes** ( ) **No**
Questions	
Does the facility have adequate plant staffing?	**Yes**
Is a certified operator operating the wastewater treatment facility with the appropriate license level for the size of the plant?	**Yes**
Is the operator performing treatment plant operation and maintenance duties in a responsible and professional manner?	**Yes**
Is the plant O&M log maintained in a hard-bound book with consecutive page numbering, or another approved format?	**Yes**
Does the facility have an O&M manual, and does the facility's O&M manual reflect the current configuration of the facility?	**Yes**
*Is the facility operated in accordance with the O&M Manual? (If there is a high potential for water quality or health impacts meets SNC criteria)	**Yes**
Is the facility maintaining a log that documents routine equipment maintenance?	**Yes**
Is the plant free of any treatment components that are in disrepair that would provide for unsafe operation?	**Yes**
Is the facility without an inflow and infiltration problem which would cause collection system and/or operational issues?	**Yes**
*Does the facility replace malfunctioning equipment, which can result in a high potential for water supply quality or health impacts?	**Yes**
Dike berms appeared to be in satisfactory condition.	**Yes**
Handrails/catwalks/ladders were in good working order providing for safe conditions.	**Yes**
The liner(s) in the containment pond(s) appeared to be functioning as intended.	**Yes**
The plant operator is fulfilling the minimum site requirements as required by the Permit.	**Yes**
Preventative maintenance is being performed in the accordance with the manufacturer's recommendations.	**Yes**

The facility maintains an adequate spare parts inventory.	**Yes**
Swales were being maintained.	**N/A**
Is the facility free from any Operations and Maintenance violation not listed above that needs to be addressed?	**Yes**

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Observations:

No additional observations or deficiencies were noted.

Effluent Quality

Compliance Rating	In Compliance
Does this section apply to the facility?	(•) **Yes** ( ) **No**
Questions	
DMR review period:	7/1/2022 – 9/30/2024 **Yes**
A review of the Discharge Monitoring Reports revealed the following effluent exceedance(s).	No exceedances noted. **Yes**
A review of the inspection sampling results revealed the following effluent exceedance(s).	N/A **N/A**
*Did the effluent limits exceed the Technical Review Criteria less than two times in six months?	**N/A**
*Are the effluent limits without exceedances four out of six months (chronic criteria)?	**Yes**
*Did the total residual Chlorine levels meet disinfection limits? (If below required minimum 10% or more of the time in a rolling 6-month period, meets SNC criteria)	**Yes**
Was the facility free of a discharge of wastewater that resulted in a fish kill?	**N/A**
*Is persistent acute toxicity documented through follow-up tests?	**N/A**
*Is persistent chronic toxicity documented through follow-up tests?	**N/A**
*Is persistent acute or chronic toxicity documented in the effluent through the use of routine and follow-up tests?	**N/A**
Does the facility meet the permit or enforcement narrative effluent limitation(s)? (Non-DMR visible sheen defined as iridescence present so as to cause taste or odor, or otherwise interfere with the beneficial use of the receiving water)	**Yes**
Is the effluent free from excessive (suspended solids, foam, grease, scum) in the discharge stream?	**Yes**
*Was the facility free from any other violation with a high potential for water quality or health impacts?	**Yes**
Is the facility free from any Effluent Quality violation not listed above that needs to be addressed?	**Yes**

Department Sampling Results Comments: Sampling was not conducted by Department personnel.

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*

Questions with "N/A" responses do not apply to the facility

Observations:

At the time of the inspection, the Total Residual Chlorine was 3.69 mg/L as measured by the facility's continuous inline meter.

Effluent Disposal

Compliance Rating	In Compliance				
Does this section apply to the facility?		(•)	Yes	( )	No
Questions					
Are discharge location(s) as per permit?		Yes			
What type of reuse is the facility approved for?		Part III Public Access Reuse. Yes			
Has a cross-connection control program been implemented within the areas where reclaimed water is provided for use (Part III, VII)?		Yes			
Is all reclaimed water piping and equipment color-coded Pantone purple (522C)?		Yes			
Hose bibbs met access restrictions and other requirements.		N/A			
Reclaimed water valves and outlets were appropriately tagged and /or labeled.		N/A			
Are advisory signs posted in English and Spanish in areas where non-potable Public Access Reuse water is being applied (Part III, VII)?		N/A			
Is the reclaimed water retained on the application site?		N/A			
No significant ponding was observed on the reclaimed water application site.		N/A			
There was no aerosol mist leaving the boundaries of the land application?		N/A			
There was no evidence of solids loss in the treatment process or from the plant?		N/A			
The RIBs and/or percolation ponds were free from excessive vegetation and sludge?		N/A			
The percolation ponds were free from accumulated sludge.		N/A			
Does the percolation ponds have at least 3 ft of freeboard?		N/A			
The absorption field was free from excessive vegetation.		N/A			
Do the reclaimed water storage ponds have adequate freeboard?		Yes			
Are RIBs well maintained and free from excessive vegetation?		N/A			
There was no evidence of a bypass or failure at the effluent storage and/or disposal site(s)?		Yes			
Are all effluent disposal areas such as RIBs, ponds, and sprayfields being loaded and rested per permit conditions?		Yes			
The disposal pond berms were free from excessive growth or vegetation.		N/A			
There was no evidence of a bypass or failure from the storage ponds observed during the inspection.		Yes			
No unauthorized discharge to waters of the state was observed during the inspection.		Yes			
Are the sprinklers functioning as intended for the absorption field(s) or sprayfield(s)?		N/A			
The facility is meeting the minimum setback distances.		Yes			
Does the facility maintain a supply of spare parts for the absorption field(s) or sprayfield(s)?		N/A			
The effluent disposal and/or storage area was free from sinkholes.		Yes			
Are the sprayfields free from grazing dairy cattle?		N/A			
The sprayfield was free from ponding.		N/A			
The sprayfield was free from excessive vegetation.		N/A			
Edible food crops were being properly irrigated with reclaimed water.		N/A			
What cover crop and/or vegetation is planted on the reclaimed water area(s)?		N/A N/A			

*The disposal system was being operated as designed with a low potential for water quality or health impacts.	Yes
*There was no unauthorized operation or modification of the disposal system.	Yes
Fencing around the effluent disposal site for access control was complete and in good repair.	Yes
There were no dead animals observed in the discharge stream.	Yes
Is the facility free from any Effluent Disposal violation not listed above that needs to be addressed?	Yes

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Observations:

The Bonita Springs East WRF provides reclaimed water to the Bonita Springs Regional Reuse Service Area System. The additional reuse and land application requirements for the reuse system are contained in Section IV of the Bonita Springs West WRF permit number FLA014443 that expires on June 16, 2026.

Biosolids

Compliance Rating	In Compliance
Does this section apply to the facility?	(•) **Yes** ( ) **No**
Questions	
Does the facility's method of biosolids use or disposal match what is allowed in the facility permit (i.e., landfill, land application, distribution and marketing, transfer to another facility, biofuel/bioenergy)?	Yes
Does the permittee keep records of biosolids quantities for five years, as applicable (quantities generated, received from source facilities, treated, distributed and marketed, land applied, used as a biofuel or for bioenergy, transferred to another facility, or landfilled?	Yes
Are biosolids quantities reported on the facility RMP-Q DMR?	Yes
Are the biosolids quantities reported on the RMP - Q DMRs correct and accurate?	Yes
The facility's treatment, management, transportation, use, land application, or disposal of biosolids does not result in objectionable odors, i.e., does not result in a violation of the odor prohibition in subsection 62-296.320 (2).	Yes
If there is an objectionable odor, please describe the odors characteristics, frequency, duration, and migration, etc.	N/A N/A
Is the storage of biosolids or other solids at this facility in accordance with the Facility Biosolids Storage Plan?	N/A
Does the treatment facility ensure no biosolids are spilled from or tracked off the treatment facility property by the hauling vehicle?	Yes
The biosolids for this facility are classified as_____: (AA, A, and/or B)	AA Yes
Does the class of biosolids produced for beneficial use match the authorized class in the facility permit (Class AA, A, or B)?	Yes
Does the facility use the biosolids pathogen reduction alternative option identified in the permit?	N/A
Are all the operational and process parameters monitored to demonstrate compliance for pathogen reduction?	Yes
Do the biosolids meet the treatment requirements for pathogen reduction option used?	Yes
Does the facility use the biosolids vector attraction reduction option identified in the permit?	Yes

Are all the operational and process parameters monitored to demonstrate compliance for vector attraction reduction?	**Yes**
Do the biosolids satisfactorily meet the treatment requirements for vector attraction reduction?	**Yes**
If the Specific Oxygen Uptake Rate (SOUR) test is used for vector attraction reduction, is it conducted within 15 minutes of sample collection by a certified laboratory or under the direction of an operator certified in accordance with Chapter 62-602, F.A.C?	**N/A**
Does treatment of biosolids or septage for the purpose of meeting pathogen reduction or vector attraction reduction requirements take place at the permitted facility (e.g., not in the tank of a hauling vehicle)?	**Yes**
Are the biosolids monitored at the frequency required by the permit?	**Yes**
Are the biosolids monitoring results reported on the facility DMR (RMP-AA, RMP-A, or RMP-B)?	**Yes**
Are the biosolids monitored for all the required parameters for the class of biosolids?	**Yes**
Do the Class AA, A, or B biosolids comply with the ceiling pollutant limits?	**Yes**
Are the correct analysis methods used for biosolids?	**Yes**
Is a certified laboratory used for the analysis of the biosolids?	**Yes**
Are all biosolids samples representative and taken after final treatment of the biosolids but before land application or distribution and marketing, unless otherwise approved?	**Yes**
Are all biosolids samples taken at the location specified in the facility permit?	**Yes**
Are the correct sample types properly taken for the type of biosolids (POTW Sludge Sampling Manual)?	**Yes**
Are the Class AA biosolids monitored monthly?	**Yes**
Do the Class AA biosolids meet the Class AA parameter limits?	**Yes**
Are Class AA biosolids that are stored for more than 45 days re-sampled for fecal coliform or Salmonella sp. at the frequency specified in the permit, if required?	**N/A**
For distribution and marketing, does the facility have a fertilizer license, sell or given-away to someone with a fertilizer license, or is enrolled in the US Composting Council's Seal to Testing Assurance program (USCC STA program does not apply in the Lake Okeechobee, St. Lucie River, and Caloosahatchee River watersheds)?	**Yes**
If the facility discovered that distributed and marketed biosolids did not meet Class AA standards, did the facility notify, within 24 hours, the Department and all persons to whom they delivered or distributed and marketed the Class AA biosolids?	**N/A**
Does the facility make available to users by product labels or other means the following information - fertilizer label or equivalent information; name and address of the facility; statement that the biosolids meet subsection 62-640.700(5), F.A.C.; recommend application rates; and recommendations for storage (including the more than one dry ton/seven-day provision)?	**Yes**
Are all the sites where biosolids are land applied listed on the Treatment Facility Biosolids Plan form (DEP Form 62-640.219 (2)(a))?	**N/A**
If a permitted site not listed in the Treatment Facility Biosolids Plan was used, did the permittee notify DEP at least 24 hours prior to land application at the site and submit a revised form within 30 days after using the site?	**N/A**
Did the facility only used permitted sites - i.e., no unpermitted sites were used for land application (i.e., the site did not have a valid DEP permit)?	**N/A**
Does the permittee maintain hauling records for shipments to land application sites and do they contain the required information?	**Yes**
Does the permittee provide a copy of the hauling records to the biosolids site manager, were records free of any discrepancies regarding the quantities delivered, and any discrepancies were reported to DEP within 24 hours of discovery?	**N/A**

Did all biosolids sent to sites meet pathogen reduction, vector attraction reduction, and pollutant limits?	Yes
If biosolids not meeting standards were sent to a site, did the permittee notify DEP, the site manager, the site permittee within 24 hours of discovery?	N/A
Does the permittee maintain copies for each site used of the Biosolids Application Site Annual Summary forms received from the site permittees indefinitely?	N/A
Has the permittee submitted Treatment Facility Biosolids Annual Summary reports to DEP by February 19 each year?	N/A
Was the information in the Treatment Facility Biosolids Annual Summary accurate?	N/A
Is any incineration or use of biosolids as a biofuel or for bioenergy in accordance with DEP's air regulations and RCRA?	Yes
Does the permittee keep the required hauling records to track transport of biosolids between facilities?	Yes
If the facility receives biosolids from a source facility, did the permittee report any discrepancies in the quantities of biosolids to DEP within 24 hours of discovery?	N/A
If the facility is a source facility and sends biosolids to another facility, does the permittee provide a copy of their hauling records for each shipment to the receiving facility?	N/A
If the facility receives biosolids from a source facility, does the receiving facility permit allow receipt of biosolids from other facilities?	Yes
Does the facility have copies of the required written agreement(s) between the receiving and source facility?	Yes
Did the permittee (source or receiving facility) submit all new written agreements to DEP within 30 days before transporting biosolids (unless approval given otherwise)?	N/A
Is operator staffing requirements met?	Yes
Are the biosolids receiving and handling operations satisfactory?	Yes
Are grit and screenings, etc., from the headworks properly disposed of in a landfill?	Yes
Is the facility free from any Biosolids violation not listed above that needs to be addressed?	Yes

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Observations:

Biosolids generated by this facility may be distributed and marketed or disposed of in a Class I solid waste landfill.

During the month of September 2024, the facility distributed and marketed 45.08 dry tons of Class AA Biosolids.

Groundwater

Compliance Rating	Not Applicable
Does this section apply to the facility?	○ **Yes** ◉ **No**
Questions	
DMRs review period	N/A N/A
Are the groundwater monitoring results sent to the Department on Discharge Monitoring Report Form 62-620.910 (10), F.A.C. and submitted by the DMR due date?	N/A
After a review of the Discharge Monitoring Reports, are the compliance well parameters meeting the groundwater standards in the time period reviewed (12 months or greater)?	N/A
A review of the Discharge Monitoring Reports revealed the following effluent exceedance(s).	N/A

	N/A
Do the facilities purging logs on DEP Form FD 9000-24 indicate that purging was done properly; including sufficient volume, purge rate, depth to water, and stability criteria (pH, Temperature, Conductivity, Dissolved Oxygen, Turbidity)?	N/A
Is the groundwater monitoring report complete and accurate, including analysis method, laboratory method detection limits, static water level, purging logs, sample collection procedures and treatment?	N/A
Do the groundwater monitoring wells meet DEP requirements including tamper-proof locks, unique well label(s), concrete well pad with protective bumpers not containing numerous cracks, and is free of clutter for sampling purposes?	N/A
If or when new well construction was completed did the facility plug and properly abandoned the existing well and submit Monitoring well completion Report, Form 62-520.900(3) to DEP within 60 days?	N/A
If a monitoring well became damaged or inoperable, was maintenance conducted and notification sent to DEP within 2 days of discovery?	N/A
Is the well(s) that the facility is sampling at part of the approved groundwater monitoring plan?	N/A
Are the monitoring wells operable to the extent that sampling is possible?	N/A
Are groundwater samples being collected and analyzed as required by the permit or enforcement action; including location, well type, sample type (grab/composite), time, and frequency?	N/A
If sampling was observed were the sample collection activities being performed in accordance with DEP SOP FS 2200?	N/A
If sampling was observed was equipment in satisfactory condition?	N/A
If sampling was not observed is the description of sample collection activities being performed in accordance with DEP SOP FS 2200?	N/A
Is the facility free from any Groundwater violation not listed above that needs to be addressed?	N/A
• *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"* • *Questions with "No" responses indicate deficiencies* • *Questions with "N/A" responses do not apply to the facility*	
Observations:	
The groundwater monitoring requirements for this facility are covered under permit number FLA014443 Part III Ground Water Monitoring Requirements the Bonita Spring Utilities West WWTP and subsequent renewals of that facility's operation permit.	

SSO Survey

Compliance Rating	In Compliance
Does this section apply to the facility?	(•) **Yes** ( ) **No**
Questions	
Does the facility have an Operation and Maintenance Manual for their collection system?	**Yes**
How often is the Operation and Maintenance Manual updated?	As needed – Last updated in November 2023 **Yes**
Does the O&M manual reflect the current collection system configuration?	**Yes**
Are procedures available for minimizing spills in either the Operation and Maintenance Manual or in a separate document?	**Yes**

Does the facility have a Sewer Overflow Response Plan/procedures for minimizing spills?	**Yes**
Did the facility collect and/or analyze bacteriological samples as outlined in their SORP?	**N/A**
Does the facility have a map of its collection system?	**Yes**
Are the SORP and collection system maps immediately available to SSO response staff, including during power failures?	**Yes**
Did the facility collect and/or analyze bacteriological samples for sewage spills that reached surface waters?	**N/A**
Does the facility perform routine preventative maintenance to keep the collection/transmission system in good working order?	**Yes**
Does the facility maintain a ready-to-use supply of equipment, tools and materials for responding to SSOs?	**Yes**
How many lift stations have permanent emergency back-up power generators?	24 **Yes**
In the last 12 months, was the facility free from sewage spills or abnormal event from any part of a collection/transmission system or treatment plant that discharged to the ground or did not make it to surface waters, i.e., stormwater collection system, drainage ditch, stream, pond, or lake?	**N/A**
Does the facility report the spill(s) to the Department within 24 hours of discovery?	**Yes**
Does the facility follow up on spills?	**Yes**
Does the facility keep routine documentation and reporting records of spills, and/or operation and maintenance activities on the collection/transmission system(s)?	**Yes**
In the last 12 months, was the facility free from sewage spills or abnormal events from any components of a collection/transmission system or from a treatment plant that reached surface waters including stormwater conveyance system or drainage ditch?	**Yes**
Is the facility free from any SSO violation not listed above that needs to be addressed?	**Yes**

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Observations:

The Facility reported 11 spills since July 20, 2022. Please refer to Table D of the appendix for additional details.

The Department has developed new guidance on how Sanitary Sewer Overflows (SSOs) are addressed statewide, which was implemented July 1, 2019. According to the guidance each SSO incident is evaluated and rated, and the appropriate document is filed/issued. Either a Memo-to-File, a Compliance Assistance Offer Letter, or Warning Letter is sent for each incident. A Compliance Assistance Offer was sent for the three SSOs that occurred between September 30, 2022 and October 10, 2022. A Warning Letter was sent for the three SSOs that occurred between August 15, 2023 and September 16, 2023. A Memo-to-File was sent for the three SSOs that occurred between December 10, 2023 and June 12, 2024.

Oculus Links:
3/21/2023 CAO:
https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=38.1177325.1]&[profile=Discovery_Compliance]
11/27/2023 WL:
https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=38.1243237.1]&[profile=Enforcement_Legal]
1/18/2024 Memo:
https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=38.1258272.1]&[profile=Discovery_Compliance]

7/19/2024 Memo:
https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=38.1308249.1]&[profile=Discovery_Compliance]

No further action is required at this time, but the Department may require formal enforcement on these discharges in the future, pursuant to your permit conditions, Chapter 62-620, Fla. Admin. Code, and Chapter 403, Fla. Stat.

Other

Compliance Rating	Not Evaluated
Does this section apply to the facility?	(•) **Yes** ( ) **No**
Questions	
*Is the facility free from any violation not listed above, or pattern of noncompliance, resulting in a high potential for water quality or health impacts *(Any violations considered significant by the Secretary, Deputy Secretary, Director of District Management, or the Division Director meet SNC criteria)*	**N/A**
Please describe any potential non-wastewater violations (i.e. Hazardous Waste, Stormwater, SLERP, Air and Storage Tanks) that were referred.	**N/A** **N/A**

- *Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"*
- *Questions with "No" responses indicate deficiencies*
- *Questions with "N/A" responses do not apply to the facility*

Observations:

Not Evaluated.

Deficiencies Summary

Evaluation Area: Permit	
The permittee failed to submit an application to renew the existing permit at least 180 days prior to expiration. [62 620.335 (1) F.A.C., 62-620.410 (5) F.A.C., PFSA]	Deficiency: (Narrative) Department records indicate that the current operating permit will expire on November 25, 2024. F.A.C. Rule 62-620.335 (1) states that a Permittee shall submit an application to renew the existing permit at least 180 days before the expiration date of the existing permit. Timely and sufficient submittal of the renewal application and permit processing fee is important (and in your best interest) as it automatically extends the expiration date on the existing permit until the Department takes final action on the renewal application. A tardy application could result in non-compliance. Your renewal application was due on 5/24/2024. Your renewal application, with appropriate application fee, was received by the Department on 5/28/2024.
	Corrective Action(s): (Narrative) The facility submitted the renewal application on 5/28/2024. Additionally, a Request for Additional Information (RAI) was sent on 6/27/2024. The facility submitted a response to this RAI on 9/9/2024 and the application was made complete on 9/23/2024. No further actions. Permit Renewal Application: https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=38.1297877.1]&[profile=Permitting_Authorization]

Evaluation Area: Sampling	
Are meters calibrated and sample analysis conducted at the facility done in accordance with DEP SOP and NELAC guidelines? (calibration frequency and sample bracketing for pH, total residual Chlorine (TRC), turbidity, DO) [62-160.210 (1) F.A.C., 62-160.800 (1)(a) F.A.C., DEP SOP FT 1000]	Deficiency: (Narrative) A review of the facility's calibration/verification logs revealed that the Chlorine and Turbidity logs did not include units of standard.
	Corrective Action(s): (Narrative) Please submit documentation to the Department demonstrating that the calibration/verification logs for Turbidity and Chlorine have been updated to include units of standard.
The facility failed to collect and/or analyze samples as required by permit or enforcement action. [62-600.650 (1) F.A.C., 62-620.610 (18) F.A.C., 62-160.210 (1) F.A.C., 62-600.660 (1) F.A.C., DEP SOP FS 2400, ANCV]	Deficiency: (Narrative) A records review revealed that the facility collected pathogen monitoring samples for Giardia and Cryptosporidium on February 20, 2024. Per 62-610.463(4)(c) F.A.C., referenced on the DEP pathogen monitoring report form 62-610.300(3)(a)4, "samples shall be taken during peak flow periods between the months of August and October".
	Corrective Action(s): (Narrative) Please submit a response to the Department detailing the facility's plan to adjust the pathogen monitoring schedule to comply with the requirements noted above.

Evaluation Area: Records and Reports	
	Deficiency: (Narrative)

Are the discharge monitoring reports completed properly? [403.161(1)(b) F.S., 62-600.680 F.A.C.]	A review of the discharge monitoring reports revealed deficiencies. Please refer to Table C in the Appendix for additional details.
	Corrective Action(s): (Narrative) Please correct and resubmit the DMRs with noted calculation and/or transcription errors.
Does the facility submit their monitoring results for Giardia and Cryptosporidium in a timely manner? [62-610.463 (4) F.A.C., 62-600.680 F.A.C.]	Deficiency: (Narrative) A records review revealed that the facility collected pathogen monitoring samples for Giardia and Cryptosporidium on February 20, 2024. Per 62-610.463 (4)(c) F.A.C., referenced on the DEP pathogen monitoring report form 62-610.300 (3)(a)4, “samples shall be taken during peak flow periods between the months of August and October”.
	Corrective Action(s): (Narrative) Please submit a response to the Department detailing the facility’s plan to adjust the pathogen monitoring schedule to comply with the requirements noted above.

Appendix for FLA012343 Inspection Conducted on October 22, 2024

Table A – Buffer, Reagent, and Standard Lot Numbers and Expiration Dates

Standard/Buffer	Lot No.	Expiration Date
DPD Reagent	A3347	December 2028
Chlorine Standards	A3256	September 2025
pH 4.00 s.u.	A3157	June 2027
pH 7.00 s.u.	A3310	November 2025
pH 10.00 s.u.	A3310	November 2024
Turbidity 20 NTU	A2306	November 2024

Table B – Operator Names and License Numbers

Operator Name	License Class and Number	Expiration Date
Jake Hepokoski	Class A – 0012794	4/30/2025
Arthur Canestro	Class C – 0014133	4/30/2025
Dean Kelch	Class A - 0027277	4/30/2025
Dennis White	Class A - 0018613	4/30/2025
Mark Sweitzer	Class A - 0007386	4/30/2025
Nicholas White	Class B - 0028153	4/30/2025
Robert Izzo	Class C - 0015129	4/30/2025
Scott Becker	Class C - 0024094	4/30/2025

Table C – Discharge Monitoring Report Deficiencies
10/01/2023 – 9/30/2024

Monitoring Period	DMR (R-001) Deficiencies
September 2024	A review of the DMRs revealed the following transcription errors: • The maximum influent TSS (INF-01) was reported as 2.9 mg/L. The correct value was 209 mg/L.
July 2024	A review of the DMRs revealed the following calculation errors: • The monthly average for CBOD (EFA-01) was reported as 5.4 mg/L. The calculated value was 5.5 mg/L.
March 2024	A review of the DMRs revealed the following reporting errors: • The maximum weekly average for CBOD (EFA-01) was reported as 7.0 mg/L. A review of the DMRs revealed the correct value was 8.0 mg/L. Guidance for reporting weekly average effluent quality data can be found in the DMR Helpful Tips document (linked below), which states that "For purposes of reporting on the DMR, Sunday through Saturday is commonly used as the week (i.e., the seven consecutive day period referred to in the rule). For situations where a partial week falls on the beginning or end of a month, the weekly average should be calculated by considering the partial week at the end of a month as part of the partial week on the following month". In this case, a result of 8.0 mg/L was reported on 2/28/2024, which falls in a partial week at the end of February and should be considered part of the partial week at the beginning of March.
February 2024	A review of the DMRs revealed the following reporting errors: • The maximum weekly average for CBOD (EFA-01) was reported as 8.0 mg/L. A review of the DMRs revealed the correct value was 7.0 mg/L. Guidance for reporting weekly average effluent quality data can be found in the DMR Helpful Tips document (linked below), which states that "For purposes of reporting on the DMR, Sunday through Saturday is commonly used as the week (i.e., the seven consecutive day period referred to in the rule). For situations where a partial week falls on the beginning or end of a month, the weekly average should be calculated by considering the partial week at the end of a month as part of the partial week on the following month". In this case, a result of 7.0 mg/L was reported on 1/31/2024, which falls in a partial week at the end of January and is thus considered part of the partial week at the beginning of February. Additionally, a result of 8.0 mg/L was reported on 2/28/2024, which falls in a partial week at the end of February and should be considered part of the partial week at the beginning of March.

Appendix for FLA012343 Inspection Conducted on October 22, 2024

Table D – Sanitary Sewer Overflows
7/20/2022 – 6/12/2024

LOCATION	DATE DISCHARGE OCCURRED	DATE DISCHARGE REPORTED	SPILL VOL (GAL)	SPILL VOL RECOVERED (GAL)	SPILL CHARAC-TERISTIC	CAUSE	AREA AFFECTED	CLEAN-UP
Midtown at Bonita	6/12/2024	6/13/2024	900	900	RAW WASTE-WATER	Power/Generator Malfunction	Ground	Vac; Disinfect (AyrX)
10656 East Terry St	4/17/2024	4/18/2024	2,000	2,000	RAW WASTE-WATER	Contractor	Ground	Vac; Disinfect (AyrX)
11250 Via De Vasari	12/10/2023	12/10/2023	800	800	RAW WASTE-WATER	failed ARV	Ground	Vac truck, limed
SARV #17	9/16/2023	9/20/2023	20,000	-	RAW WASTE-WATER	Contractor hit sewer ARV #17	Ground	Lime
Imperial/Bonita Plaza	9/9/2023	9/10/2023	200	-	RAW WASTE-WATER	ACCIDENT	Ground	DISINFECTANT (AYRX)
ARV #9, E Terry St near Kent Rd	8/15/2023	8/15/2023	5,000	4,000	RAW WASTE-WATER	OUTSIDE CONTRACTER HIT SEWER	Ground	LIME, VAC TRUCK,
11091 Liberty Crossing	10/10/2022 ; 11:00	10/12/2022	10	-	RAW WASTE-WATER	HURRICANE	Ground	DISINFECTANT (AYRX)
25140 Divot Dr	10/4/2022; 8:30	10/12/2022	100	-	RAW WASTE-WATER	HURRICANE	Ground	DISINFECTANT (AYRX)
11401 Bonita Beach Rd	9/30/2022; 21:00	10/12/2022	900	-	RAW WASTE-WATER	HURRICANE	Ground	DISINFECTANT (AYRX)
Wellfield Rd	8/5/2022	8/5/2022	700	-	RAW WASTE-WATER	EQUIPMENT (ARV)	Ground	ARX; REPAIR
13694 Bonita Beach Rd	7/20/2022	7/20/2022	1,500	1,500	RAW WASTE-WATER	EQUIPMENT (ARV - LANDSCAPE CONTRACTOR)	Ground	VAC; LIME

FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis
Governor

Alexis A. Lambert
Secretary

South District
Post Office Box 2549
Fort Myers, FL 33902-2549
SouthDistrict@FloridaDEP.gov

July 14, 2025

Andy Koebel
Executive Director
Bonita Springs Utilities
11900 East Terry Street
Bonita Springs, Florida 34135
Email: AKoebel@BSU.us

Re: In Compliance Letter
Bonita Springs Utilities West
Water Reclamation Facility
8890 Ten-Eight Street
Bonita Springs, Florida 34135
File Number: 190919-006-UO/1M
WACS ID: 88435
Lee County – UIC

Dear Mr. Koebel,

Department personnel conducted a routine Bi-Annual Inspection of the underground injection control program systems at the above-referenced facility on June 17, 2025. Based on the information provided by the onsite staff and the observations of the Department inspector, the condition of the underground injection control systems was rated as in-compliance. A copy of the inspection report is attached for your records and any non-compliance items which may have been identified at the time of the inspection have been corrected.

The Department appreciates your compliance efforts. Should you have any questions or comments, please contact **Robert Reid at 239-344-5656 or via e-mail at: Robert.B.Reid@FloridaDEP.gov**.

Sincerely,

Dianne Newberg for

Alexandria McSurley
Environmental Manager
Compliance Assurance Program
South District Office
Florida Department of Environmental Protection

Enclosure: Inspection Report

ec: Cody Karth, BSU, CKarth@bsu.us

FLORIDA DEPARTMENT OF Environmental Protection

South District
Post Office Box 2549
Fort Myers, FL 33902-2549
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Alexis A. Lambert
Secretary

Facility: Bonita Springs Utilities West WRF 8890 East Terry Street Bonita Springs, FL 34135 Lee County – UIC Contact E-mail: AKoebel@bsu.us File Number: 190919-006-UO/1M	WACS ID: 88435 Operational Permit Permit Expiration: October 16, 2029 Well Field Status: Operational One non-hazardous Class I injection well, IW-1, and associated monitoring well, DZMW-1, for the disposal of secondary treated municipal effluent from Bonita Springs Utilities East and West WRF.

Inspection Date: June 17, 2025	Purpose of Visit (Inspection Type)	Bi-Annual (INSP) √ Compliance (INSP) √ Construction (COI) ☐ Enforcement (INSP) ☐ Complaint (CI) ☐ Other ☐ ( )		
Wells authorized in permit:	Class I	IW-1	Monitoring wells	DZMW-1
	Class V	N/A	Other	N/A
Wells inspected at visit:	Class I	IW-1	Monitoring wells	DZMW-1
	Class V	N/A	Other	N/A
Is operator's license current and posted? ☒Yes ☐No ☐N/A (OM; only applicable to DW/ASR)				

Facility Contact(s) at time of inspection:	Phone:	Email:
Cody Karth	(239) 390-4837	CKarth@bsu.us

Compliance areas evaluated: (Red is COMET violation codes)

IC: In Compliance; NC: Out of Compliance SC: Significant Non-Compliance NA: Not Applicable, NE: Not Evaluated

Operating Requirements		Monitoring, Records, & Reports		Facility Site Review (OM)		Calibration (OM)	
IC	1. Volume (WI)	IC	6. Records of MOR (MM)	IC	8. Wellheads	IC	14. Pressure Gauges
IC	2. Pressure (IP)	IC	7. Lab Reports (electronic or hard copies) (MR)	NA	9. Annulus Tank	IC	15. Flow Meters
IC	3. Emergency (OM)			IC	10. Rust & Corrosion	NA	16. Chart Recorders
IC	4. Valid Permit (OP)			IC	11. Labeling	IC	17. Other Equipment (SCADA)
IC	5. O&M Manual (OM)			IC	12. Purging	NC	18. Calibration Certificates
				IC	13. Maintenance		

Facility Inspection Worksheet

GENERAL

	Rule	Operating Requirements	N/A	Yes	No	COMET CODE	Notes
1	62-528.415(4)(c)	Emergency Discharge method permitted and operational	☐	☒	☐	(OM)	
2	62-528.415(4)(b)	Abnormal Events reported	☒	☐	☐	(FN)	
3	62-528.307(1)(l)	Current Permit on site	☐	☒	☐	(OP)	
4	62-528.415(3)	Up-To-Date Operation and Maintenance Manual on site	☐	☒	☐	(OM)	

	Rule	Monitoring, Records, And Reports	N/A	Yes	No	COMET CODE	Notes
5	62.528.307(1)(m)	Monitoring Records & Reports on site and current (MOR's)	☐	☒	☐	(MM)	
6		Specific Injectivity Test available	☐	☒	☐	(MM)	
7		Fall-Off Test available	☐	☒	☐	(MM)	
8	62-528.307(1)(m)	Lab Reports available	☐	☒	☐	(MR)	
9	62-528.307(f)	SCADA System functioning properly	☐	☒	☐	(OM)	

	Pump Station			
10	Total Number of Pumps	5	Number of Pumps operating at time of inspection:	1
11	Type of Pumps	Vertical Turbine	Number of pumps operational at time of inspection:	5

	Rule	Pump Station	N/A	Yes	No	COMET CODE	Notes
12	62-600.540(4)(h)	Designated Stand-by pump	☒	☐	☐	(OM)	Used in rotation
13	62-600.540(4)(a)	Lightning Arrestor on Pump Station	☐	☒	☐	(OM)	
14	62-528.307(1)(f)	Pump free of leaks	☐	☒	☐	(OM)	
15	62-528.307(1)(f)	Pump station free of rust and corrosion If corroded, note degree (Minor, Moderate, Severe)	☐	☒	☐	(OM)	
16	62-528.307(1)(f)	Pressure gauge operational	☐	☒	☐	(OM)	

Notes:

Injection Well # IW-1							
1	Rule: 62-528.415(1)(f)			2	Rule: 62-528.415(1)(a)-(c)		
Max Flow Permitted		Flow at Inspection		Max Wellhead Pressure		Pressure at Inspection	
5500 GPM		1230 GPM		107 psi		27.93 psi	

	Rule	Injection Well Requirements	N/A	Yes	No	COMET CODE	Notes
3	62-528.307(1)(f)	Injection well labeled by well number	☐	☒	☐	(OM)	
4	62-528.425(1)(b)	Gauges & Flow Meter agree with electronic equipment (SCADA)	☐	☒	☐	(OM)	
5	62-600.540(4)	Manual back-up pressure and flow equipment functioning	☐	☒	☐	(OM)	
6	62-528.425(1)(b)	Flow meter functioning	☐	☒	☐	(OM)	
7	62-528.307(1)(f)	Injection Wellhead free of leaks	☐	☒	☐	(OM)	
8	62-528.307(1)(f)	Injection well / Surface equipment free of rust and corrosion If corroded, note degree (Minor, Moderate, Severe)	☐	☒	☐	(OM)	
9	62-600.540(4)(f)	Pad maintained, not used for storage	☐	☒	☐	(OM)	
10	62-528.307(1)(f)	Sumps are maintained	☒	☐	☐	(OM)	
11	62-528.307(1)(f)	Air release valves free from leaks	☐	☒	☐	(OM)	
12	62-528.415(1)(f)	Maximum Flow within limits	☐	☒	☐	(WI)	
13	62-528.415(1)(a)-(c)	Maximum Pressure within limits	☐	☒	☐	(IP)	
14	62-528.425(1)(b)	Annulus Tank level is readable	☒	☐	☐	(OM)	
15	62-528.307(1)(f) & (m)	Per the MOR, what is the Normal Annular Pressure Range	N/A				
16	62-528.307(1)(f) & (m)	Annular Pressure within Normal Range (tubing and packer) note PSI	☒	☐	☐	(OM)	
17	62-528.307(1)(f) & (m)	Annular Pressure greater than Injection Pressure (tubing and packer) Note PSI	☒	☐	☐	(OM)	
18	62-528.307(1)(f) & (m)	Pressure Gauge Calibrated	☐	☒	☐	(OM)	
19	62-528.307(1)(f) & (m)	Flow meters Calibrated	☐	☒	☐	(OM)	
20	62-528.307(1)(f) & (m)	Chart recorders Calibrated	☒	☐	☐	(OM)	
21	62-528.307(1)(f) & (m)	Latest Calibration ------Dates:	Pressure: 9/17/2024; Flow: 6/16/2025				

Well Compliance Status:					
☒	In-Compliance	☐	Out-Of-Compliance	☐	Significant Out of Compliance

Notes:

Monitor Well #: DZMW-1				Associated with Injection Well: IW-1	
UPPER ZONE		LOWER ZONE		OTHER	
1	Rule: 62-528.425(1)(g)5	2	Rule: 62-528.425(1)(g)5	3	Rule: 62-528.425(1)(g)5
Wellhead Pressure	Wellhead Water Level	Wellhead Pressure	Wellhead Water Level	Wellhead Pressure	Wellhead Water Level
N/A	40'	N/A	23.2'	N/A	N/A

	Rule	Monitor Well Requirements	N/A	Yes	No	COMET CODE	Notes
4	62-528.307(f)	Monitor well labeled by well number	☐	☒	☐	(OM)	
5	62-528.307(f)	Sample Ports labeled	☐	☒	☐	(OM)	
6	62-528.425(1)(g)1 62-528.307(f)	Wellhead pressure / Water Level gauges functioning	☐	☒	☐	(OM)	
7	62-528.425(1)(g)1 62-528.307(f)	Wellhead gauges agree with electronic equipment (SCADA)	☐	☒	☐	(MR)	
8	62-528.425(1)(g)1 62-528.307(f)	Transducer in working order	☐	☒	☐	(OM)	
9	62-528.307(1)(f)	Monitor wellhead free from leaks	☐	☒	☐	(OM)	
10	62-528.307(1)(f)	Monitor well / Surface equipment free of rust and corrosion If corroded, note degree (Mild, Moderate, Severe)	☐	☒	☐	(OM)	See notes
11	62-600.540(4)(f)	Pad maintained, not used for storage	☐	☒	☐	(OM)	
12	62-528.307(1)(f)	Sumps are maintained	☒	☐	☐	(OM)	
13	62-528.307(1)(f) & (m)	Pressure Gauge Calibrated	☐	☒	☐	(OM)	
14	62-528.307(1)(f) & (m)	Chart recorders Calibrated	☒	☐	☐	(OM)	
15	62-528.307(1)(f) & (m)	Transducers Calibrated	☐	☐	☒	(OM)	See notes
16	62-528.307(1)(f) & (m)	Latest Calibration -------- Dates:	9/17/2024				
17		Monitoring well purge waters flow to:	IW-1				
18		Monitoring well purge technique:	Pumping				
19		Monitoring well volume purged / time needed:	Upper: 885 gal/60 min = 14.8 gpm Lower: 3689 gal/147 min = 25 gpm				

Well Compliance Status:					
☐	In-Compliance	☒	Out-Of-Compliance	☐	Significant Out of Compliance

Notes: Calibration certificates were not available at the time of inspection.
The stainless-steel surfaces show no physical signs of rust/corrosion, what was observed was deposition of fly rust from the atmosphere.

Facility/Well Compliance Status:					
☐	In-Compliance	☒	Out-Of-Compliance	☐	Significant Out of Compliance

Comments/Rule or Permit Violations/ Recommended Actions:

At the time of inspection, calibration certificates for the upper and lower zones of DZMW-1 were not available. [62-528.307(1)(f) & (m)

- Calibration certificates for DZMW-1 were provided on June 18, 2025, and are archived in OCULUS at:
  https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=35.160905.1]&[profile=Discovery_Compliance]
  No further actions are required.

Robert B. Reid 7/8/2025	Donna Newberg 7/14/2025
FDEP Inspector - Date	Inspector's Manager - Date

Bonita Springs Utilities WRF, WACS ID: 88435

Robert Reid

IW-1

DZMW-1

Lower Zone sample port

Upper Zone sample port

Pump Station 1

Pump Station 2

FLORIDA DEPARTMENT OF Environmental Protection

South District
2295 Victoria Ave., Suite 364
Fort Myers, FL 33901
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Jay Collins
Lt. Governor

Alexis A. Lambert
Secretary

December 2, 2025

Jake Hepokoski, Facility Manager
East Water Reclamation Facility
11550 Operations Way
Bonita Springs, FL 34135
Email: jhepokoski@bsu.us

Re: In Compliance Letter
East Water Reclamation Facility
Facility ID: 0710236
Lee County - Air

Dear Mr. Hepokoski:

Department personnel conducted a Compliance Inspection of the above-referenced facility on **November 25, 2025**. Based on the information provided during the inspection, the facility was determined to be in compliance. A copy of the inspection report is attached for your records.

The department appreciates your compliance efforts. Should you have any questions or comments, please contact **Maddie Nice** at **239-344-5687** or via email at **Maddie.Nice@FloridaDEP.gov**.

Sincerely,

Louise Chang
Environmental Administrator
Compliance Assurance Program
South District Office
Florida Department of Environmental Protection

Enclosures: Inspection Report

Air Compliance Inspection Report

South District
Florida Department of Environmental Protection

I. GENERAL INFORMATION

Facility Name:	EAST WATER RECLAMATION FACILITY	**AIRS ID:**	0710236
Facility Location:	11550 Operations Way, BONITA SPRINGS, 34135	**County:**	Lee

Responsible Official		Facility Contact		Additional Contact	
Name:	JAKE HEPOKOSKI	**Name:**	JAKE HEPOKOSKI	**Name:**	
Title:	CHIEF OPERATOR	**Title:**	PLANT MANAGER EWRF	**Title:**	
Phone:	(239)-495-4247	**Phone:**	(239) 495-4247	**Phone:**	
E-mail:	JHepokoski@bsu.us	**E-mail:**	JHepokoski@bsu.us	**E-mail:**	
Present for Inspection:	No	**Present for Inspection:**	Yes	**Present for Inspection:**	No

Regulatory Classification:	Permit(s) in Effect	Issued/Effective	Expiration Date
Title V	0710236-010-AV	02/02/2022	02/02/2027

Inspection Type:	INS2-Compliance Inspection, Walk Through	Time In:	Time Out:	Compliance Status:	Inspectors Present:
Inspection Date:	11/25/2025	09 : 48	11 : 07	IN COMPLIANCE	Maddie Nice

Facility Description and Applicable Regulations:

This facility consists of a sewage sludge drying system. The facility processes dewatered sludge into Class AA pellets. Dewatered sewage sludge from centrifuges is fed into a dryer. The dryer thermally (using hot air) dries the dewatered sludge to produce a pellet product that meets Class A biosolids requirements. The pellets are stored in silos and trucked off site for disposal.
A wet scrubber collects particulate matter (PM) emissions from the dryer. A second wet scrubber collects particulate matter emissions from the internal bins and conveyors internal to the dryer. The exhaust from the wet scrubbers is discharged to a main plant odor control system whose main function is to control hydrogen sulfide (H2S).

See Section I. Subsection C. of permit 0710236-010-AV for applicable regulations.

Have any changes been made at the facility (administrative and/or physical) since the last inspection? No

II. NONCOMPLIANCE HISTORY

No recent violations to report.

Additional Information:
N/A

III. INSPECTION SUMMARY

Inspection Summary

Maddie Nice (Florida Department of Environmental Protection) met with Jake Hepokoski (East Water Reclamation Facility Manager) on November 25, 2025 to review records and tour the facility for compliance purposes. This inspection was completed per EPA's Compliance Monitoring Strategy (CMS) Plan for Title V facilities.

Regulated Source(s) Evaluated

Type	Source Number	Description	Status	Initial Compliance Status
FAC		Facility Wide		IN COMPLIANCE
EU	3	Emergency CI Rice	ACTIVE	IN COMPLIANCE
EU	4	Rotary Sludge Dryer with heater and 2 dual wet scrubbers	ACTIVE	IN COMPLIANCE

Is control equipment maintained per rule and/or manufacturers recommendations? Yes
Were any compliance/stack tests being conducted at the time of the inspection? No
Was the facility in compliance with facility-wide conditions?:
Pollutant emissions limiting standards for Objectionable odors? Yes
Reasonable precautions to prevent unconfined PM properly maintained and VE standards? Yes
General pollutant emission limiting standards for VOC/Organic Solvents? Yes
Conditions for unregulated/insignificant/exempt units and/or activities? Yes

Explain any pertinent observations with regard to these Facility Wide requirements:

Unconfined PM and objectionable odors were not observed off-site.

IV. ON-SITE COMPLIANCE REVIEW

Inspection Narrative

Inspection per permit 0710236-010-AV conditions:

EU-004 Rotary Sludge Dryer
Condition A.1. Permitted Capacity. Pellet production shall not exceed 1,216 lbs/hr.
• Average pellet production from December 2024 to November 2025 was 684 lbs/hr.

Condition A.4. Methods of Operation - Fuels. The fuels that are allowed to be burned in this unit are:
(1) Natural gas is allowed to be burned as the primary fuel; and,
(2) Low Sulfur # 2 fuel oil is allowed to be burned as a secondary fuel if natural gas becomes unavailable.
• Natural gas is predominantly used. No.2 diesel is used once a year for engine testing. Most recent Certificate of Analysis dated March 11, 2025.

Condition A.5. Mercury (Hg) Emissions. Emissions to the atmosphere shall not exceed 3.2 kg (7.1 lbs) of mercury (Hg) per 24-hour period.
• Based on the results of the June 2 and 3, 2021 Mercury Emissions Measurements, the facility was operating in compliance with emission limitations and standards. The mercury emission rate was 0.059 lbs/day.

EU-003 Emergency CI RICE
B.1. Hours of Operation.
b. Maintenance and Testing - These engines are authorized to operate for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units are limited to 100 hours per year.
c. Non-emergency Situations - These engines are authorized to operate up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing.
• Total operating hours from January 1 to December 31, 2025 was 31.3 hours. Facility is in compliance with PTE parameters.

B.2. Work or Management Practice Standards.
a. Oil - Change oil and filter every 500 hours of operation or annually, whichever comes first or use an oil analysis program to extend this interval, as provided in f., below.
b. Air Cleaner - Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first.
c. Hoses and Belts - Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.
d. Operation and Maintenance - Operate and maintain the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions or develop and follow your own maintenance plan which must provide, to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution, control practice for minimizing emissions.
• Monthly inspections and maintenance are recorded in a logbook. Oil change/maintenance service last occurred August 7, 2025. Operating and maintenance manuals were on-site.
e. Engine Startup - During periods of startup the owner or operator must minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.
• Engine's startup time does not exceed 30 minutes per records of operation.

B.3. Hour Meter. The owner or operator shall install a non-resettable hour meter if one is not already installed.
• Non-resettable hour meter observed on-site.

All recordkeeping requirements from Conditions B.6, B.7, B.8., and B.9 have been met.

V. OFF-SITE RECORDS REVIEW

Were all monitoring/reporting requirements met? Yes

Explain any pertinent details with regard to monitoring/reporting requirements:

A.8. Compliance Test Prior To Renewal. No annual compliance test is required. Prior to permit renewal, the sludge dryer shall be tested to demonstrate compliance with the emission limitation for Hg.
• Facility will submit the mercury emissions testing prior to permit renewal on June 22, 2026.
• June 2 and 3, 2021 shows the mercury emission rate is in compliance with permit limitations at 0.059 lbs/day.

Annual Operating Report, Annual Statement of Compliance and Semi-Annual Reports were received by required deadlines in a timely manner.

VI. ITEMS OF CONCERN

No items on concern were observed.

VII. COMMENTS

No additional comments.

VIII. SIGNATURES

Lead Inspector: Nice, Maddie

Lead Inspector Signature: Maddie Nice Digitally signed by Maddie Nice Date: 2025.12.01 15:14:24 -05'00'

Supervisor or Reviewer:

Supervisor or Reviewer Signature: Louise Chang Digitally signed by Louise Chang Date: 2025.12.01 15:15:33 -05'00'

EXHIBIT H

CUSTOMER SECONDARY WATER QUALITY COMPLAINTS FOR THE PAST FIVE YEARS

Service Order Number	Service Order	Reprint
SORD00001505176	Distribution Completed	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0097888 LENA A BOLES
Location: L012140 23144 GRASSY PINE DR ESTERO FL USA 339

Date Requested:	03/18/2021
Date Scheduled:	03/18/2021
Date Printed:	03/22/2021
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
B15719073	WMTR5/8X3/4BAD	03	406	02/23/2021	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

ENTERED
MAR 2 7 2021

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes Gray water in her home. customer states we did go out there before a couple of years ago but we have no records that occured. Please check. 401-529-7298 When tech was out there she was told that anytime she had water quality concerns we would test it.

Created By JDLopez **Signature** _____

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
3/18/21			☐ 1 ☐ 2 ☐ 3
Appointment Date:	**Time:**		
3/18/21	11:30		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
Lena Boles		
Address 23144 Grassy Pine Drive	☐ Residential (single Unit) ☐ Residential (multi unit) ☐ Business _____	
City Estero / **Zip Code**		

NATURE OF INQUIRY

☒ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☒ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: Hot Water Needed Flushed

Signature	Date
Jim Vennettol	3-18-21

Service Order Number	Service Order	Reprint
SORD00001511782	Distribution	
	Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0091639 BETTY DEGARMO-AVERY
Location: L025220 28870 VERMILLION LN BONITA SPRINGS FL U
Move In Customer:

Date Requested:	04/06/2021
Date Scheduled:	04/07/2021
Date Printed:	04/06/2021
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
B12356539	WMTR5/8X3/4BAD	03	2,539	03/11/2021	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date	
New Meter Number	
New Meter Reading	
Meter Brand	
Old Meter Reading	
Backflow Install Date	
Assembly Type	
Manufacturer	
Model Number	
Serial Number	
Water	On or Off
Time — Start	
Time — End	
Total Hours	
Total Man Hours	
Technician ID	
Truck Number	
Equipment Used	

ENTERED
APR 09 2021

Notes Customer called in and states that there is black moldy stuff growing around the faucets and the toilets. Also says that the water is slimy. Betty 239-405-3012

CHECK Cl^2 check Hot water heater which was bad help her drain hot water heater

Created By MattG

Signature Jim Vanvertloh

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type: ☐ 1 ☐ 2 ☐ 3
Appointment Date:	Time:		

CUSTOMER INFORMATION

Name Betty DeGarmo-Avery		Home Phone	Work Phone
Address 28870 Vermillion Lane		☑ Residential (single Unit) ☐ Residential (multi unit) ☐ Business _____	
City Bonita Springs	Zip Code		

NATURE OF INQUIRY

☐ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☑ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☒ mold		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: Check Cl2 check hot water and help her flush

Signature Jim Venverloh

Date 4/7/21

Service Order Number	Service Order	Reprint
SORD00001523710	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0094520 GARY T AMEY SR
Location: L026762 27051 HARBOR DR BONITA SPRINGS FL USA

Date Requested:	05/07/2021
Date Scheduled:	05/07/2021
Date Printed:	05/07/2021
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
B10078340	WMTR5/8X3/4BAD	03	59,617	04/26/2021	
B10475972	WMTR5/8X3/4BAD	03	7,597	04/26/2021	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

ENTERED
MAY 07 2021

Notes Customer request to have water checked. He is having white chalky residual build up in his toilets. Stated by plumber to have water checked. 301-706-9874

Created By JDLopez **Signature** _____

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type: ☐ 1 ☐ 2 ☐ 3
Appointment Date:	Time:		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
Gary Amey	301 706 9874	
Address 27051 Harbor Dr	☒ Residential (single Unit)	
City Bonita Springs Zip Code 34135	☐ Residential (multi unit)	
	☐ Business	

NATURE OF INQUIRY

☐ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☑ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

ENTERED
MAY 07 2021

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS:
Customer called about white chalky substance in toilets. We checked source water at backflow. Looked good. Will call customer & have him check water heater

Signature	Date
Gary Amey	5/7/2021

Service Order Number	Service Order	Reprint
SORD00001542566	Distribution Completed	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0047304 FREDERICK H CUNNINGHAM III
Location: L011514 9960 TREASURE CAY LN BONITA SPRINGS FL

Date Requested:	07/09/2021
Date Scheduled:	07/09/2021
Date Printed:	09/07/2021
Date Completed:	07/09/2021

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
B10476272	WMTR5/8X3/4BAD	05	8,947	08/09/2021	
B12275192	WMTR5/8X3/4BAD	05	22,270	08/09/2021	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

ENTERED
SEP 02 2021

Notes

Created By AdrianaA **Signature** _____

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
	7/8/21	12:30 Pm	☐ 1 ☐ 2 ☐ 3
Appointment Date: 7/8/21	Time: 1:35 Pm		

CUSTOMER INFORMATION

Name: Rick Cunningham
Home Phone: 239 405 4790
Work Phone:
Address: 9960 Treasure Cay Ln
☐ Residential (single Unit)
☐ Residential (multi unit)
☐ Business
City: Bonita Springs
Zip Code: 34135

NATURE OF INQUIRY

☐ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☑ Plastic	☐ Gray		☐ _____	

ENTERED
JUL 09 2021

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☑ Plumbing	☑ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☐ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: Showed customer water quality from soure he agreed we were not problem. Took sample from AO Smith heater. the water was gray. told him to flush more often. He took sample from cold water bathroom sink in a plastic container. + told him to use glass he said that wasn't the issue. told him to change out supply lines to faucet. He agreed that was the problem

Signature: Jerry GB
Date: 7/9/21

Service Order Number	Service Order	Reprint
SORD00001593132	Distribution	
	Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0060650 LEONARD THRUN
Location: L012199 23150 OAKGLEN LN BONITA SPRINGS FL USA
Move In Customer:

Date Requested:	12/17/2021
Date Scheduled:	12/17/2021
Date Printed:	12/17/2021
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100196345	WMTR5/8X3/4M	05	0	11/30/2021	

ENTERED
DEC 2 1 2021

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes CUSTOMER STATES GREY WATER COMING INTO HOUSE, REQUESTED TO BE CALLED AT 239-209-2222

ADVISED TO FLUSH HOT WATER Heater

Created By HectorS

Signature Jim Vermeulen

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type: ☐ 1 ☐ 2 ☐ 3
Appointment Date:	Time:		

CUSTOMER INFORMATION

Name LEONARD TIRUN

Home Phone 239-209-2222 | Work Phone

Address 23150 OAKGLEN LN

☒ Residential (single Unit)
☐ Residential (multi unit)
☐ Business _____

City BONITA SPRINGS | Zip Code 34135

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☒ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

ENTERED
DEC 21 2021

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☐ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: ADVISED TO FLUSH HOT WATER Heater

Signature Jim Vennerholm

Date 12/20/21

Service Order Number	Service Order	Reprint
SORD00001607905	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0094988 RONALD WORMS
Location: L000353 3245 BECKY LN LOT 23 BONITA SPRINGS FL L
Move In Customer:

Date Requested:	01/25/2022
Date Scheduled:	01/26/2022
Date Printed:	01/26/2022
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100143345	WMTR5/8X3/4M	99	25	01/05/2022	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

ENTERED
JAN 26 2022

Notes Customer is calling about water being brown. She says its hers and her two neighbors houses. Her name is Phyllis and her number 239-405-7688

CHECK BACKFLOW, WATER WAS FINE ASK TO CHECK HOT WATER HEATER SHE REFUSED ADVISED HER TO HAVE IT CHECKED

Created By MattG **Signature** Jim Vennerholm

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
MATT	01/26/22		☐ 1 ☐ 2 ☐ 3
Appointment Date:	**Time:**		
1/26/22	11:00 AM		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
PHYLLIS WORMS	239-405-7686	
Address 3245 BECKY Lane LOT 23	☒ Residential (single Unit)	
City BONITA SPRINGS **Zip Code**	☐ Residential (multi unit)	
	☐ Business _____	

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☒ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: CHECK BACKFLOW, WATER WAS FINE, ASK TO CHECK HOT WATER SHE REFUSED ADVISED HER TO HAVE IT CHECKED

Signature	Date
Jim Venverloh	01/26/22

Service Order Number	Service Order	Reprint
SORD00001621717	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0091849 HUNTERS RIDGE COMMUNIY ASSOC.
Location: L010329 12500 HUNTERS RIDGE DR BONITA SPRINGS

Date Requested:	02/25/2022
Date Scheduled:	02/28/2022
Date Printed:	02/25/2022
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
B09070127	WMTR2"BAD	03POC!.	93,600	02/17/2022	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number	ENTERED	
New Meter Reading		
Meter Brand	FEB 28 2022	
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes the community center located at 28400 Hunters ridge has sand and sediment coming out of faucets and water heater. There was a main break in the area and wanted know if there are any other issues that could have arose from the main break. Ken Maintenance Manager 239-777-5225

SAMPLE BACKFLOW, RUST ONLY COMING FROM 1 TAP ADVISED TO KEEP FLUSHING UNTIL COMES CLEAR.

Created By Collections **Signature** Jim Vanvertloh

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type: ☐ 1 ☐ 2 ☐ 3
Appointment Date:	Time:		

CUSTOMER INFORMATION

Name Ken	Home Phone	Work Phone
Address 28400 Hunters Ridge	☐ Residential (single Unit)	
City Bonita Springs / Zip Code	☐ Residential (multi unit)	
	☒ Business Activity Center	

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☒ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☒ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☒ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: SAMPLE BACKFLOW, RUST ONLY COMING FROM 1 TAP, ADVISED TO KEEP FLUSHING UNTIL WATER COMES CLEAR

Signature Jim Vennerholz	Date 2/28/22

Service Order Number	Service Order	Reprint
SORD00001658615	Distribution	
	Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0090779 NAVONA AT THE COLONY
Location: L024902 23540 VIA VENETO BONITA SPRINGS FL USA

Date Requested:	05/26/2022
Date Scheduled:	05/26/2022
Date Printed:	05/26/2022
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
S63388401	WMTR4"SEN	03	480,830	04/28/2022	
S63388407	WMTR3"SEN	03	688,190	04/28/2022	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

ENTERED
JUN 01 2022

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes Mike 239-777-7394 called reporting some units with smelling water. Thank you.

CHECK BACKFLOW WATER WAS FINE, RECOMMEND 6 UNITS AFFECTED FLUSH HOT WATER HEATERS

Created By YanetM

Signature Jim Vennerholz

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type: ☐ 1 ☐ 2 ☐ 3
Appointment Date:	Time:		

CUSTOMER INFORMATION

Name MIKE	Home Phone	Work Phone
Address 23540 VIA VENETO	☐ Residential (single Unit)	
City BONITA SPRINGS Zip Code 34135	☒ Residential (multi unit) ☐ Business	

NATURE OF INQUIRY

☒ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☒ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☒ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: CHECK BACK FLOW WATER WAS FINE, RECOMMEND AFFECTED UNITS FLUSH HOT WATER HEATERS

Signature Jim Vennettilli	Date 5/25/22

Service Order Number	Service Order	Reprint
SORD00001689422	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0112470 SORRENTO CONDO ASSN
Location: L028736 28074 SOSTA LN BLDG 5 BONITA SPRINGS FL

Move In Customer:

Date Requested:	08/09/2022
Date Scheduled:	08/10/2022
Date Printed:	08/09/2022
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100146313	WMTR1"M	05	825	07/19/2022	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

ENTERED
AUG 11 2022

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes UNIT #4 IS COMPLAINING ABOUT THE WATER 956-564-9004 KELLI TENREIRO PLEASE CONTACT TO SET UP APPOINTMENT

Check Hot Water Heater, HELP Customer DRAIN UNTIL CLEAR

Created By JanC **Signature**

Brenda Bland

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
JAN	8/10/22	8:30	☐ 1 ☐ 2 ☐ 3
Appointment Date: 8/10/22	Time: 10:30		

CUSTOMER INFORMATION

Name KELLI TENREIRO | Home Phone | Work Phone

Address 28074 SOSTA LN #4 | ☐ Residential (single Unit) ☐ Residential (multi unit) ☐ Business

City BONITA SPRINGS FL | Zip Code 34135

NATURE OF INQUIRY

☒ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☒ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☒ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☒ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☒ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: Check HOT WATER HEATER, HELP CUSTOMER DRAIN UNTIL CLEAR

Signature Jim Venerdolo | Date 8/10/22

293-4461

Service Order Number	Service Order	Reprint
SORD00001722566	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0113900 ROCCO D'ANDREA
Location: L001548 27244 BUCCANEER DR BONITA SPRINGS FL U

Date Requested:	10/12/2022
Date Scheduled:	10/12/2022
Date Printed:	10/12/2022
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100197943	WMTR5/8X3/4M	03	798	10/04/2022	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

ENTERED
OCT 18 2022

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes CUSTOMER CALLED TO LET US KNOW, WHEN SHE OPENS WATER FAUCET IN HER DOWNSTAIRS BATHROOM REALLY BAD SMELL IS COMING OUT.

HELP CUSTOMER DRAIN HOT WATER HEATER

Created By RuthJ

Signature Jim Vanvertloh

12:30 TOMMORROW

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date: 10/12/22	Time: 1:30	Type: ☐ 1 ☐ 2 ☐ 3
Appointment Date: 10/13/22	Time: 12:30		

CUSTOMER INFORMATION

Name Rocco D'ANDREA	Home Phone	Work Phone
Address 27244 BUCCANEER DRIVE	☒ Residential (single Unit) ☐ Residential (multi unit) ☐ Business _____	
City BONITA SPRINGS	Zip Code	

NATURE OF INQUIRY

☐ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☒ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: HELP CUSTOMER DRAIN HOT WATER HEATER

Signature Jim Vennerholm	Date 10/13/22

Service Order Number	Service Order	Reprint
SORD00001736309	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0128134 JANET M CLARK
Location: L033409 28540 LOBOS CIR BONITA SPRINGS FL USA 34

Date Requested:	11/03/2022
Date Scheduled:	11/04/2022
Date Printed:	11/03/2022
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100163543	WMTR5/8X3/4M	03	245	10/20/2022	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

ENTERED
OCT 07 2022

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes CUSTOMER IS EXPERIENCING BROWN SPECS ON HER LAUNDRY, CHARCOL GRAY/GREEN ON HER TOILETS. PLEASE GO OUT TO SEE IF THE PROPLEMS IS OUR WATER. THANK YOU RUTH

908-565-1462 Janet or Fredy

Created By RuthJ **Signature** _____

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date: 11/4/22	Time:	Type: ☐ 1 ☐ 2 ☐ 3
Appointment Date: 11/5/22	Time: 9:00 AM		

CUSTOMER INFORMATION

Name JANET CLARK	Home Phone	Work Phone
Address 28540 LOBOS CIRCLE	☒ Residential (single Unit) ☐ Residential (multi unit) ☐ Business	
City BONITA SPRINGS Zip Code 34135		

NATURE OF INQUIRY

☐ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☒ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☒ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: CHECK HOT WATER Heater, HELP Resident flush UNTIL CLEAR

Signature Jim Vermeulen	Date 11/5/22

Service Order Number	Service Order	Reprint
SORD00001738732	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0117364 MARK W MILLER
Location: L030484 10251 RIVER DR BONITA SPRINGS FL USA 341

Date Requested:	11/07/2022
Date Scheduled:	11/07/2022
Date Printed:	11/07/2022
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100196303	WMTR5/8X3/4M	05	264	10/24/2022	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

ENTERED
OCT 07 2022

Meter Install Date	
New Meter Number	
New Meter Reading	
Meter Brand	
Old Meter Reading	
Backflow Install Date	
Assembly Type	
Manufacturer	
Model Number	
Serial Number	
Water	On or Off
Time — Start	
Time — End	
Total Hours	
Total Man Hours	
Technician ID	
Truck Number	
Equipment Used	

Notes Daniela Miller called to report instant sulfur smell when she turns on water. Please check her water at backflow. Has notices it for about 5 months. 941-806-7503

CHECK RESIDUAL AT BACK FLOW, Recommend Flush Hot WATER HEATER + CHECK DRAIN

Created By JDLopez

Signature _____

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By: JD	Date: 11-7-22	Time: 12:15	Type: ☐ 1 ☐ 2 ☐ 3
Appointment Date: 11/7/22	Time: 1:30		

CUSTOMER INFORMATION

Name MARK MILLER	Home Phone	Work Phone
Address 10251 River Drive	☒ Residential (single Unit) ☐ Residential (multi unit) ☐ Business _____	
City BONITA SPRINGS Zip Code		

NATURE OF INQUIRY

☒ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☒ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: CHECK BACK FLOW RESIDUAL (2.8) WATER QUALITY GOOD RECOMMEND FLUSH HOT WATER HEATER + CHECK DRAIN

Signature Jim Kennedy	Date 11/7/22

Service Order Number	Service Order	Reprint
SORD00001741603	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0123186 HELEN L SZAKALY
Location: L030543 25214 CORDERA POINT DR BONITA SPRINGS
Move In Customer:

Date Requested:	11/10/2022
Date Scheduled:	11/10/2022
Date Printed:	11/10/2022
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
22026868	WMTR5/8X3/4M	05	180	10/26/2022	

ENTERED
NOV 16 2022

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes CUSTOMER STATING THE WATER IS NOT TASTING GOOD. PLEASE CALL HELEN SZAKALY 239-777-5170 .

HELP CUSTOMER DRAIN AND FLUSH HOT WATER HEATER

Created By RuthJ **Signature** Jim Vincent Jr

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
RUTH S	11/10/22	8:30	☐ 1 ☐ 2 ☐ 3
Appointment Date: 11/10/22	Time: 10:00		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
Helen SZAKALY		

Address: 25214 CORDERA POINT DRIVE

City: BONITA SPRINGS Zip Code: 34135

☒ Residential (single Unit)
☐ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☐ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☒ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☐ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: HELP CUSTOMER DRAIN AND FLUSH HOT WATER HEATER

Signature: Jim Venverloh Date: 11/10/22

Service Order Number	Service Order	Reprint
SORD00001741290	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0104323 JAMES PAPANDREA
Location: L011414 3696 WOODLAKE DR BONITA SPRINGS FL US/

Move In Customer:

Date Requested:	11/09/2022
Date Scheduled:	11/09/2022
Date Printed:	11/09/2022
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
B11708932	WMTR5/8X3/4BAD	03	3,469	11/04/2022	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

ENTERED
NOV 16 2022

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes CUSTOMER CALLED TO LET US KNOW HIS WATER IS NOT TASTING GOOD. PLEASE CALL JAMES PAPANDREA 239-498-5996 HE WOULD LIIKE TO BE HOME WHEN YOU GO.

GRAB SAMPLE AND RAN TEST IN LAB ALL GOOD

Created By RuthJ **Signature**

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
RUTH J	11/9/22		☐ 1 ☐ 2 ☐ 3
Appointment Date: 11/9/22	Time: 11:30		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
JAMES PAPANDREA		

Address: 3696 WOODLAKE DRIVE

City: BONITA SPRINGS Zip Code: 34135

☒ Residential (single Unit)
☐ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☒ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: GRAB SAMPLE AND TEST IN LAB ALL GOOD

Signature	Date
Jim Vanvactor	11/10/22

Service Order Number	Service Order	Reprint
SORD00001764896	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0120830 HERMAN TRUST
Location: L029010 28018 PISCES LN BONITA SPRINGS FL USA 34

Move In Customer:

Date Requested:	12/19/2022
Date Scheduled:	01/01/1900
Date Printed:	12/19/2022
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100200367	WMTR5/8X3/4M	05	431	12/12/2022	

ENTERED
DEC 21 2022

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes Customer is stating that water smells funny and taste weird /

CHECK BACK FLOW TASTE AND ODOR COMING FROM HOT WATER HEATER HELP CUSTOMER DRAIN AND FLUSH

Created By AMarin **Signature** Jim Venerable

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
A MARIN	12/19/22	12:00	☐ 1 ☐ 2 ☐ 3
Appointment Date: 12/19/22	Time: 1:30		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
Herman TRUST		

Address: 2808 PISCES LANE

City: BONITA SPRINGS Zip Code: 34135

☐ Residential (single Unit)
☐ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☒ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☒ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☒ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☒ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☐ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: CHECK BACKFLOW, TASTE AND ODOR COMING FROM HOT WATER HEATER HELP CUSTOMER DRAIN AND FLUSH

Signature: Jim Vennett Date: 12/19/22

Service Order Number	Service Order	Reprint
SORD00001780903	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0125313 LUIGI V FERDINANDI
Location: L010409 25404 ALICANTE DR BONITA SPRINGS FL USA

Move In Customer:

Date Requested:	01/13/2023
Date Scheduled:	01/13/2023
Date Printed:	01/13/2023
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
22175748	WMTR5/8X3/4M	05	41	12/21/2022	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

ENTERED
JAN 16 2023

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes CUSTOMER COMPLAINING ABOUT WATER BEEN YELLOW WHEN IS COMING OUT. SHE WOULD LIKE US TO TEST WATER.

CHECK PLANT WATER AT BACK FLOW WATER WAS FINE

Created By RuthJ **Signature** Jim Kennerthal

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type: ☐ 1 ☐ 2 ☐ 3
Appointment Date:	Time:		

CUSTOMER INFORMATION

Name Luigi V. Ferdinandi	Home Phone	Work Phone
Address 2540H Alicante Dr	☒ Residential (single Unit) ☐ Residential (multi unit) ☐ Business _____	
City Boulder Springs Zip Code		

NATURE OF INQUIRY

☐ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☑ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

ENTERED JAN 20 2023

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: check water at Back Flow, water was fine 2:29PM.

Signature	Date
	01-16-23.

Service Order Number	Service Order	Reprint
SORD00001794204	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0133458 KAREN S WALKER
Location: L017156 23311 COPPERLEAF BLVD ESTERO FL USA 34

Move In Customer:

Date Requested:	02/06/2023
Date Scheduled:	02/06/2023
Date Printed:	02/06/2023
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
22026849	WMTR5/8X3/4M	05	134	01/10/2023	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

ENTERED
FEB 07 2023

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes Homeowner complaining of a strong sewage odor. Has emptied water heater.

CHECK WATER AT BACK FLOW WATER WAS GOOD, CHECK HOT WATER HEATER, WATER SEPTIC ADVISED TO DRAIN

Created By CSanchez **Signature** Jim Vennerstrom

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
C SANCHEZ	2/6/23		☐ 1 ☐ 2 ☐ 3
Appointment Date: 2/6/23	Time: 1:00 PM		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
KAREN WALKER		

Address: 23311 COPPERLEAF BLVD.
City: ESTERO Zip Code:

☐ Residential (single Unit)
☐ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☒ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☒ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: CHECK WATER AT BACKFLOW WATER WAS GOOD, CHECK HOT WATER HEATER WATER SEPTIC ADVISED TO DRAIN

Signature	Date
Jim Vermeulen	2/6/23

Service Order Number	Service Order	Reprint
SORD00001797289	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0105502 DAVID CARRION
Location: L015394 27343 IMPERIAL OAKS CIR BONITA SPRINGS F

Move In Customer:

Date Requested:	02/13/2023
Date Scheduled:	02/14/2023
Date Printed:	02/13/2023
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100195242	WMTR5/8X3/4M	05	1,966	02/06/2023	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

ENTERED
APR 19 2023

Notes

Hot water needed drained

Created By CSanchez **Signature** Jim Vanvertloh

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date: 2/14/23	Time:	Type: ☐ 1 ☐ 2 ☐ 3
Appointment Date: 2/14/23	Time:		

CUSTOMER INFORMATION

Name DAVID CARRION	Home Phone	Work Phone
Address 27343 IMPERIAL OAKS CIRCLE	☐ Residential (single Unit) ☐ Residential (multi unit) ☐ Business _____	
City BONITA SPRINGS Zip Code 34135		

NATURE OF INQUIRY

☒ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☒ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: HOT WATER Heater needed DRAINED

Signature Jim Vennerholm	Date 2/14/23

Service Order Number	Service Order	Reprint
SORD00001819159	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0077692 WARD LITTON #992-2183
Location: L021394 23818 SANCTUARY LAKES CT BONITA SPRINC
Move In Customer:

Date Requested:	04/03/2023
Date Scheduled:	01/01/1900
Date Printed:	04/03/2023
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100233283	WMTR5/8X3/4M	05	740	03/20/2023	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

ENTERED
APR 19 2023

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes WATER QUALITY CUSTOMER SAYS WATER LEAVES WHITE RESIDUE

MADE ATTEMPTS TO CONTACT PERSON, CHECK WATTER AT BACK FLOW WHICH WAS FINE

Created By AMarin **Signature** Jim Vennerholm

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type: ☐ 1 ☐ 2 ☐ 3
Appointment Date:	Time:		

CUSTOMER INFORMATION

Name WARD LITTON	Home Phone	Work Phone
Address 23018 Sanctuary Lakes Court	☐ Residential (single Unit) ☐ Residential (multi unit) ☐ Business _____	
City BONITA SPRINGS Zip Code 34135		

NATURE OF INQUIRY

☐ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: MADE ATTEMPTS to CONTACT, Check Water at BACKFLOW WHICH WAS FINE

Signature Jim Venerable	Date 4/3/23

Service Order Number	Service Order	Reprint
SORD00001839608	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0120762 RONALD W MOUND
Location: L031311 16121 BONITA LANDING CIR BONITA SPRINGS
Move In Customer:

Date Requested:	05/22/2023
Date Scheduled:	01/01/1900
Date Printed:	05/22/2023
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100142168	WMTR5/8X3/4M	03	663	05/15/2023	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

ENTERED
MAY 26 2023

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes SAYS FOUL ORDER IN WATER / WATER HAS BLUE TINT

Explained crossover from free to total chlorine

Created By AMarin **Signature** Jim Vennethole

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
A MARIN	5/22/23		☐ 1 ☐ 2 ☐ 3
Appointment Date: 5/23/23	Time: 9:45		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
RONALD Mound		

Address 16121 BONITA LANDING CIRCLE

City BONITA SPRINGS Zip Code 34135

☒ Residential (single Unit)
☐ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☒ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☒ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☐ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: Explained crossover from free to total chlorine

Signature Jim Vanvertloh

Date 5/23/23

Service Order Number	Service Order	Reprint
SORD00001843173	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0131190 MALLY A. J. KHORASANTCHI
Location: L010199 10810 GOODWIN ST UNIT B BONITA SPRINGS

Date Requested:	05/30/2023
Date Scheduled:	05/31/2023
Date Printed:	05/30/2023
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
22052201	WMTR5/8X3/4M	05	100	05/21/2023	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

ENTERED
MAY 30 2023

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes Member is complaining of long standing bad smell, I explained recent temporary process change, but she said it has been this way awhile. MALLY (23)595-3157

SAMPLED HOT WATER HEATER ADVISED HER TO FLUSH
WATER WAS SEPTIC

Created By CSanchez **Signature** _____

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
C SANCHEZ	5-30-23		☐ 1 ☐ 2 ☐ 3
Appointment Date: 5-31-23	Time: 9:45		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
MARY KHORASANTCHI		

Address: 10810 GOODWIN STREET UNIT B

City: BONITA SPRINGS Zip Code: 34135

☐ Residential (single Unit)
☒ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☒ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☒ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: SAMPLED HOT WATER HEATER ADVISED TO FLUSH WATER WAS SEPTIC

Signature	Date
Jim Vennerholm	5-31-23

Service Order Number	Service Order	Reprint
SORD00001845348	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0131182 LINDA G WAGNER
Location: L013406 26130 COLONY RD

Move In Customer:

Date Requested:	06/03/2023
Date Scheduled:	06/03/2023
Date Printed:	06/09/2023
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100197090	WMTR5/8X3/4M	05	267	05/22/2023	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes

Per Dominick R.- Customer called water had odor told Customer to flush water from water shower and sinks for a while.

Created By drhodes **Signature** _____

Service Order Number	Service Order	Reprint
SORD00001848119	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0107205 KIMBERLY A MARSHALL
Location: L018753 24443 RODAS DR BONITA SPRINGS FL USA 34
Move In Customer:

Date Requested:	06/09/2023
Date Scheduled:	06/09/2023
Date Printed:	06/16/2023
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
22051030	WMTR5/8X3/4M	03	315	05/22/2023	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date	
New Meter Number	
New Meter Reading	
Meter Brand	
Old Meter Reading	
Backflow Install Date	
Assembly Type	
Manufacturer	
Model Number	
Serial Number	
Water	On or Off
Time — Start	
Time — End	
Total Hours	
Total Man Hours	
Technician ID	
Truck Number	
Equipment Used	

ENTERED JUL 06 2023

ENTERED JUL 06 2023

Notes Kimberly Marshal (727) 424-7550 She believes there is too much copper based on water color and stains in her tub

DAVID Went By Checked water ADVISED TO FLUSH

Created By CSanchez

Signature Jim Vennerholz

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type: ☐ 1 ☐ 2 ☐ 3
Appointment Date:	Time:		

CUSTOMER INFORMATION

Name KIMBERLY MARSHALL	Home Phone 727-424-7550	Work Phone
Address 24443 ROOKS DRIVE	☒ Residential (single Unit) ☐ Residential (multi unit) ☐ Business	
City BONITA SPRINGS Zip Code		

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☒ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: DAVID went by AND Checked WATER ADVISED TO Flush

Signature Jim Vennethole	Date 6-20-23

Service Order Number	Service Order	Reprint
SORD00001850319	Distribution	
	Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water was brown in the bath
Requested By: C0119795 BARBARA S MCKENNA
Location: L024881 27580 RIVER REACH DR
Move In Customer:

Date Requested:	06/15/2023
Date Scheduled:	06/15/2023
Date Printed:	06/16/2023
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
22081884	WMTR1"M	03	1,548	05/23/2023	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

ENTERED JUL 05 2023

Notes

CHECK WATER AT BACK FLOW which was fine NO one Home AT The TIME

Created By jsandoval

Signature Jim Vennerstedt

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type: ☐ 1 ☐ 2 ☐ 3
Appointment Date:	Time:		

CUSTOMER INFORMATION

Name BARBARA MCKENNA	Home Phone	Work Phone
Address 27580 River Reach DRIVE	☒ Residential (single Unit) ☐ Residential (multi unit) ☐ Business _____	
City BONITA SPRINGS Zip Code		

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☒ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: Check WATER AT BACKFlow which was fine KNOCKED ON DOOR No ONE Home

Signature Jim Vennerlok	Date 6/20/23

Service Order Number	Service Order	Reprint
SORD00001860721	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0129687 MICHELE R DEMISAY
Location: L009157 12293 LONDONDERRY LN BONITA SPRINGS FI

Date Requested:	07/18/2023
Date Scheduled:	07/18/2023
Date Printed:	07/18/2023
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100165005	WMTR5/8X3/4M	03	987	06/26/2023	

Material Used	Part #	Quantity	Size	Meter Install Date	
Meter				New Meter Number	
Meter Box				New Meter Reading	
Meter Lid				Meter Brand	
Expansion Connection				Old Meter Reading	
Backflow					
Nipple Brass		ENTERED		Backflow Install Date	
Nipple Brass				Assembly Type	
Fitting - 90		JUL 17 2023		Manufacturer	
Union Brass				Model Number	
Fitting - Tee				Serial Number	
Plug - Brass					
Plug - PVC				Water	On or Off
Meter Flange					
Coupler - Brass				Time	Start
Pipe					End
				Total Hours	
				Total Man Hours	
				Technician ID	
				Truck Number	
				Equipment Used	

Notes NEW TENNAT CALLED TO ASK FOR WATER CHECK. SHE HAS SANDY MILKY WATER COMING OUT 239-703-4711 MELISSA

CHECK BACK FLOW AT STREET ALL FINE, ADVISED TO FLUSH HOT WATER HEATER AS HOUSE HAS BEEN VACANT FOR AWHILE

Created By RGonzalez **Signature** Jim Vincent Tech

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
R. GONZALEZ	7-18-23		☐ 1 ☐ 2 ☐ 3
Appointment Date: 7/18/23	Time: 1:30		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
MICHELE DEMISAY	239-703-4711	

Address: 12293 LONDONBERRY LANE

City: BONITA SPRINGS Zip Code: 34135

☐ Residential (single Unit)
☒ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☒ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☒ Milky	☐ Stomachache	☐ Giardia/Crypto	
☒ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☐ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: CHECK BACK FLOW AT STREET ALL FINE, ADVISED TO FLUSH HOT WATER HEATER AS HOUSE HAS BEEN VACANT FOR AWHILE

Signature: Jim Vanderbeek Date: 7/18/23

Service Order Number	Service Order	Reprint
SORD00001875648	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0092214 LIBERTY YOUTH RANCH
Location: L026615 11201 LIBERTY CROSSING BONITA SPRINGS F

Date Requested:	08/28/2023
Date Scheduled:	08/28/2023
Date Printed:	08/28/2023
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100146534	WMTR1-1/2"M	03	228	07/25/2023	

Material Used	Part #	Quantity	Size	Meter Install Date	
Meter				New Meter Number	
Meter Box				New Meter Reading	
Meter Lid				Meter Brand	
Expansion Connection				Old Meter Reading	
Backflow					
Nipple Brass				Backflow Install Date	
Nipple Brass				Assembly Type	
Fitting - 90				Manufacturer	
Union Brass				Model Number	
Fitting - Tee				Serial Number	
Plug - Brass					
Plug - PVC				Water	On or Off
Meter Flange					
Coupler - Brass				Time	Start
Pipe					End
				Total Hours	
				Total Man Hours	
				Technician ID	
				Truck Number	
				Equipment Used	

ENTERED
AUG 29 2023

Notes OWNER CALLED IN ABOUT WATER HAVING A STRONG SULFUR SMELL WOULD LIKE THE WATER TO BE CHECKED OUT ALAN 239-248-4237

CHECKED Cl_2 AT BACKFLOW 3.97 SMELL COMING FROM WATER LEFT IN ~~LINES~~ LINES ADVISED TO FLUSH ALL LINES UNTIL YOU GET A RESIDUAL

Created By AToribio **Signature** Jim Vennerstein

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
A TORFEO	8/29/23		☐ 1 ☐ 2 ☐ 3
Appointment Date: 8/29/23	Time:		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
LIBERTY YOUTH RANCH		

Address 11201 LIBERTY CROSSING

City BONITA SPRINGS Zip Code 34135

☐ Residential (single Unit)
☐ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☒ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☒ SULFUR SMELL	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☒ Other FIRE line	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☒ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☐ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS:
CL2 AT BACKFLOW 3.97 ODOR COMING FROM fire lines ADVISED TO FLUSH ALL LINES UNTIL GET A RESIDUAL

Signature Jim Vonwerthek Date 8/30/23

Service Order Number	Service Order	Reprint
SORD00001875977	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0135545 CHARLIE S ROBERTS
Location: L018089 23720 COPPERLEAF BLVD ESTERO FL USA 34

Move In Customer:

Date Requested:	08/29/2023
Date Scheduled:	08/29/2023
Date Printed:	08/29/2023
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
22026736	WMTR5/8X3/4M	05	278	08/06/2023	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

ENTERED
AUG 29 2023

Meter Install Date	
New Meter Number	
New Meter Reading	
Meter Brand	
Old Meter Reading	
Backflow Install Date	
Assembly Type	
Manufacturer	
Model Number	
Serial Number	
Water	On or Off
Time — Start	
Time — End	
Total Hours	
Total Man Hours	
Technician ID	
Truck Number	
Equipment Used	

Notes Please contact Charlie Roberts 612-325-9481.

CHECK CL2 AND FLUSHED HOT WATER HEATER SOLVED PROBLEM

Created By BSewnath **Signature** Jim Vanertloh

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
B SEWNATH	8/29/23		☐ 1 ☐ 2 ☐ 3
Appointment Date: 8/29/23	Time:		

CUSTOMER INFORMATION

Name CHARLIE ROBERTS	Home Phone	Work Phone
Address 23720 COPPERLEAF BLVD.	☐ Residential (single Unit) ☐ Residential (multi unit) ☐ Business _____	
City BONITA SPRINGS Zip Code 34135		

NATURE OF INQUIRY

☒ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☒ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☒ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

ENTERED
AUG 29 2023

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: CHECK CL2 AND FLUSHED HOT WATER HEATER SOLVED PROBLEM

Signature Jim Vennerstedt	Date 8/29/23

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
S. SEWNATH	9/25/23		☐ 1 ☐ 2 ☐ 3
Appointment Date:	Time:		
9/25/23	3:00 PM		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
MARSH LANDING CONDO III		
Address 22903-22904 LONE OAK DR.	☐ Residential (single Unit)	
	☐ Residential (multi unit)	
City ESTERO Zip Code	☐ Business	

NATURE OF INQUIRY

☒ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☒ Septic	☐ Soapy	☐	☐ Point of Use Devices	
☐ Fishy	☒ Rusty		☐ Raw Water Source	
☐	☐		☐	

SOURCE OF PROBLEM

☐ Cold Water System	☒ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other	☐ Closed Boundary Valve
		☐ Other

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other
	☐ Other	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: WATER COMING FROM HOT WATER HEATER WAS SEPTIC + RUSTY
HELP CUSTOMER FLUSH TANK.

Signature	Date
Jim Vanvertloh	9/25/23

Service Order Number	Service Order	Reprint
SORD00001896270	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0131191 OLESYA DMYTRYK
Location: L033082 12001 CIRCLE DR BONITA SPRINGS FL USA 34

Move In Customer:

Date Requested:	11/15/2023
Date Scheduled:	11/15/2023
Date Printed:	11/15/2023
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100164709	WMTR5/8X3/4M	03	1,429	10/31/2023	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

ENTERED
NOV 15 2023

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		
1:00 PM		

Notes New Home: complaints of water running clear then rusty.

CHECK HOT WATER HELP CUSTOMER DRAIN + FLUSH

Created By CSanchez **Signature** Jim Venerable

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
C SANCHEZ	11/15/23		☐ 1 ☐ 2 ☐ 3
Appointment Date: 11/15/23	Time: 1:00 PM		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
OLESYA DMYTRYK		
Address 12001 CIRCLE DRIVE	☒ Residential (single Unit)	
City BONITA SPRINGS Zip Code 34135	☐ Residential (multi unit)	
	☐ Business _____	

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☒ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☒ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☒ Flush Hot Water System
☐ Other HOT WATER Heater	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☒ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: CHECK HOT WATER Heater Help Customer DRAIN AND FLUSH

Signature	Date
Jim Venverloh	11/15/23

Service Order Number	Service Order	Reprint
SORD00001898658	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0089327 DOUGLAS A JOHNSON
Location: L025005 28547 CHIANTI TER BONITA SPRINGS FL USA :
Move In Customer:

Date Requested:	11/28/2023
Date Scheduled:	11/28/2023
Date Printed:	12/06/2023
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100199414	WMTR5/8X3/4M	03	6,780	11/27/2023	

ENTERED
DEC 07 2023

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes Ms. Johnson called to see if she can have someone check her water she has smell coming from her water. she has flush faucet

SAMPLE HOT WATER Heater ADVISED TO FLUSH

Created By RGonzalez **Signature** _____

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
R. GONZALEZ	12/6/23		☐ 1 ☐ 2 ☐ 3
Appointment Date: 12-7/23	Time: 9:30		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
Douglas Johnson		
Address 28547 CHIANTI TERRACE	☑ Residential (single Unit)	
City BONITA SPRINGS Zip Code 34135	☐ Residential (multi unit)	
	☐ Business	

NATURE OF INQUIRY

☒ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☒ Septic	☐ Soapy	☐	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐	☐		☐	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other	☐ Closed Boundary Valve
		☐ Other

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☒ Flush Hot Water System
☐ Other	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other
	☐ Other	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS:

Signature	Date
Jim Vennerholm	12-7/23

Service Order Number	Service Order	Reprint
SORD00001900578	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0131887 DAVID R BAKER
Location: L018362 23021 WHISPERING RIDGE DR ESTERO FL US

Date Requested:	12/06/2023
Date Scheduled:	12/06/2023
Date Printed:	12/06/2023
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
22027116	WMTR5/8X3/4M	05	281	11/06/2023	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

ENTERED
DEC 08 2023

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes member called in to ask why her water still a frey black tint to it after a boilwater notice. they did let the water run but no change in the color

CHECK HOUSE WATER COMING OUT BLACK LANCE SENDING SOMEONE OUT FLUSH

Created By JSaldivar **Signature** Jim Vennebbol

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
J SALDIVAR	12-6-23		☐ 1 ☐ 2 ☐ 3
Appointment Date:	Time:		
12-7-23	8:30		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
DAVID BAKER		
Address 23021 WHISPERING RIDGE	☐ Residential (single Unit)	
City ESTERO FL. Zip Code	☐ Residential (multi unit)	
	☐ Business _____	

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☒ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☒ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☒ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: SAMPLE WATER WAS BLACK LANCE SENDING SOMEONE OUT TO FLUSH

Signature	Date
Jim Vennerholm	12-7-23

Service Order Number	Service Order	Reprint
SORD00001911561	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0026212 WATERFORD OF BONITA BAY
Location: L003369 3310 GLEN CAIRN CT APT 5 BONITA SPRINGS
Move In Customer:

Date Requested:	01/18/2024
Date Scheduled:	01/18/2024
Date Printed:	01/18/2024
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
22057631	WMTR1-1/2"M	99METER LOC ACROSS ST	1,495	01/01/2024	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

ENTERED
JAN 24 2024

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes Sulfur smell coming from a master bathroom sink. HOA Waterford condominium email us to have it check out Unit 201 Dr. Sopp 315-440-0111.

(INSIDE) TOTAL Cl2 : 3.4 mg/L
COLD → pH : 8.81
COND: 557 TDS: 375

INSIDE (HOT) TOTAL Cl2 : 2.3
HOT → pH: 8.83
COND: 559 TDS: 364

DRSOPP@GMAIL.COM

Created By RGonzalez

Signature

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
R. GONZALEZ	1/18/24		☐ 1 ☐ 2 ☐ 3
Appointment Date: 1/18/24	Time:		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
WATER FORD OF BONITA BAY		

Address: 3310 GLEN CAIRN CT. APT. 5

City: BONITA SPRINGS | Zip Code:

☐ Residential (single Unit)
☒ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☒ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☒ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☒ Cold Water System	☐ Hot Water System	☐ Distribution System
☒ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

ENTERED
JAN 24 2024

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☒ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: DAVID CHECKED ODOR COMPLAINT FROM CUSTOMER COULD NOT FIND ANYTHING WRONG AFTER TESTING

Signature: Jim Vennethoh

Date: 1/24/24

Service Order Number	Service Order	Reprint
SORD00001908518	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0128948 JOSEPH NOLAN
Location: L032317 28632 WHARTON DR BONITA SPRINGS FL US/

Date Requested:	01/08/2024
Date Scheduled:	01/08/2024
Date Printed:	01/08/2024
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100163607	WMTR5/8X3/4M	03	878	12/17/2023	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

ENTERED JAN 18 2024

Notes Joseph Nolan 516-457-9417 JNOLAN31@GMAIL.COM

TOTAL CHLORINE @ MOTOR 2.6 mg/L (ROW TWICE)
pH 8.69 INSIDE 3.1 mg/L
COND. 560 TDS 377 COND 576 TDS 389

Created By RGonzalez **Signature** _____

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type: ☐ 1 ☐ 2 ☐ 3
Appointment Date:	Time:		

CUSTOMER INFORMATION

Name: Joseph NOLAN

Home Phone: 516-457944 | Work Phone:

Address: 28632 WHARTON DR

City: BONITA SPRINGS | Zip Code:

☒ Residential (single Unit)
☐ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☒ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☒ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☒ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☒ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☐ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: DAVID SAMPLED WATER AT Meter sent Customer Results.

Signature: Jim Kinnerton

Date: 1/19/24

Service Order Number	Service Order	Reprint
SORD00001908338	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0131191 OLESYA DMYTRYK
Location: L033082 12001 CIRCLE DR BONITA SPRINGS FL USA 34
Move In Customer:

Date Requested:	01/08/2024
Date Scheduled:	01/08/2024
Date Printed:	01/08/2024
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100164709	WMTR5/8X3/4M	03	1,476	12/28/2023	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			
P TOTAL			
ALK :			
HARDNESS :			
TOTAL Ca+			

JAN 19 2024
ENTERED

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes Complained previously about iron in water. Turning hair yellow. She has drained her hot water heater twice, states heater is 3 years old and doesnt believe this to be the issue. Wants a second check.

ALEXIS_ DMYE YAHOO.COM

TOTAL Cl_2 = 3.8 @ METER, 2.5 FROM HOT WATER HEATER (SLIGHT YELLOW TINT)

pH = 8.74 CONDUCTIVITY = 552 TDS = 383

Created By CSanchez **Signature**

CUSTOMER INQUIRY REPORT

CUSTOMER INFORMATION

Name: OLESYA DMYTRYK
Address: 12001 CIRCLE DRIVE
City: BONITA SPRINGS
Zip Code:

Home Phone | Work Phone

[X] Residential (single Unit)
[ ] Residential (multi unit)
[ ] Business:

NATURE OF INQUIRY

- [ ] Taste & Odor
  - [ ] Metallic
  - [ ] Chlorinous
  - [ ] Medicinal
  - [ ] Chemical
  - [ ] Musty
  - [ ] Septic
  - [ ] Fishy
  - [ ]
- [X] Dirty Water
  - [X] Yellow
  - [ ] Brown
  - [ ] Black
  - [ ] Milky
  - [ ] Particulates
  - [ ] Soapy
  - [ ] Rusty
  - [ ]
- [ ] Illness
  - [ ] Skin Irritation
  - [ ] Bacterial Infection
  - [ ] Diarrhea
  - [ ] Stomachache
  - [ ] Headache
  - [ ]
- [ ] Information
  - [ ] Lead/Copper
  - [ ] Summary Report
  - [ ] Taste & Odor
  - [ ] Giardia/Crypto
  - [ ] Backflow Prevention
  - [ ] Point of Use Devices
  - [ ] Raw Water Source
  - [ ]
- [ ] Other
  - [ ]
  - [ ]
  - [ ]

SOURCE OF PROBLEM

- [ ] Cold Water System
  - [ ] Plumbing
  - [ ] Water Softener
  - [ ] Point of Use Device
  - [ ] Cross-Connection
  - [ ] Other
- [ ] Hot Water System
  - [ ] Hot Water Tank
  - [ ] Boiler
  - [ ] Heat Exchanger
  - [ ] Plumbing
  - [ ] Water Softener
  - [ ] Cross-Connection
  - [ ] Other
- [ ] Distribution System
  - [ ] Air Disturbance
  - [ ] Disturbance
  - [ ] Low Volume/Pressure
  - [ ] Construction
  - [ ] Dead End
  - [ ] Closed Valve
  - [ ] Closed Boundary Valve
  - [ ] Other

REMEDIATION

Inspection

- [ ] Plumbing
- [ ] Cross-Connection
- [ ] Other

Maintenance

- [ ] Open Valve
- [ ] Flush Hydrant
- [ ] Flush Blowoff
- [ ] Pull Meter
- [ ] Temp Service
- [ ] Other

Recommendation

- [X] Flush Cold Water System
- [X] Flush Hot Water System
- [ ] Dissipation
- [ ] No Problem
- [ ] Other

RESOLUTION:

[ ] TELEPHONE | [ ] SITE INVESTIGATION | [ ] INFO MAILING

COMMENTS: DAVID SAMPLED WATER at meter Sent Customer Results

Signature: Jim Vennetti

Date: 1/19/24

Service Order Number	Service Order	Reprint
SORD00001910020	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0118195 RICHARD L HANFT
Location: L019060 24161 ADDISON PLACE CT BONITA SPRINGS F
Move In Customer:

Date Requested:	01/12/2024
Date Scheduled:	01/12/2024
Date Printed:	01/12/2024
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100143582	WMTR5/8X3/4M	05	692	12/27/2023	

GINA. HANFT@GMAIL.COM

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			
LOW PRESSURE X NEW YEARS.			
TODAY SMELL/TASTE			
CONCLUSION: HUSBAND OPENED UP			
VALVES TO OLD/UNMAINTAINED			
SOFTENER SYSTEM.			
NEED TO FLUSH IT OUT,			

Meter Install Date	
New Meter Number	
New Meter Reading	
Meter Brand	
Old Meter Reading	
Backflow Install Date	
Assembly Type	
Manufacturer	
Model Number	
Serial Number	
Water	On or Off
Time Start	
Time End	
Total Hours	
Total Man Hours	
Technician ID	
Truck Number	
Equipment Used	

ENTERED
JAN 19 2024

Notes Virgina called in to inform us that shes has a wierd taste to her water and a rust color.

704-236-0381
COLONY / PELICAN LANDING
METER pH: 8.51 Cl2: 3.2 COND: 625 TDS: 421

INSIDE 7.41 pH (?)
645 COND.
432 TDS
0.5 CHLORINE

Created By JSaldivar

Signature

(last updated December 3, 2014)

CUSTOMER INQUIRY REPORT

Call Received By: J SALDIVAR | Date: 11/12/24 | Time: | Type: ☐ 1 ☐ 2 ☐ 3

Appointment Date: 11/18/24 | Time:

CUSTOMER INFORMATION

Name: Richard HANFT | Home Phone | Work Phone

Address: 24161 ADDISON PLACE

City: BONITA SPRINGS | Zip Code

☐ Residential (single Unit)
☐ Residential (multi unit)
☐ Business

NATURE OF INQUIRY

☒ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☒ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☒ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☐ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: PROBLEM CAME FROM WATER SOFTNER that had SAT IDLE FOR A Period of time

Signature: Jim Kennerknecht | Date: 11/19/24

Service Order Number	Service Order	Reprint
SORD00001938495	Distribution Open	Page 1 of 1

MAR 27 2024

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0108082 THOMAS E MCKAY
Location: L016511 24593 REDFISH ST BONITA SPRINGS FL USA 3

Move In Customer:

Date Requested:	03/26/2024
Date Scheduled:	03/26/2024
Date Printed:	03/26/2024
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100197173	WMTR5/8X3/4M	03	478	03/13/2024	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes Thomas Mckay called to complain about green algae in his water. he said he just put in a new filter for the water is now is getting green algae. 305-240-2032

PH 8.2 COND. 532 TDS 356
HELPED Customer flush in line Peters which was causing green water

Created By RGonzalez

Signature Jim Venerable

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type: ☐ 1 ☐ 2 ☐ 3
Appointment Date:	Time:		

CUSTOMER INFORMATION

Name THOMAS MCKAY	Home Phone	Work Phone
Address 24593 REDFISH ST.	☒ Residential (single Unit) ☐ Residential (multi unit) ☐ Business	
City BONITA SPRINGS Zip Code		

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☒ Green Water		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☒ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: DAVID Helped customer with some inline filters he had on house which resolved problem

Signature Jim Vermeltfoort	Date 3/27/24

Service Order Number	Service Order	Reprint
SORD00001942140	Distribution Open	Page 1 of 1

ENTERED

APR 10 2024

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0115956 JEROME S SMALARA
Location: L029674 15118 REEF LN BONITA SPRINGS FL USA 3413

Date Requested:	04/09/2024
Date Scheduled:	04/09/2024
Date Printed:	04/09/2024
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100196802	WMTR5/8X3/4M	05	1,836	04/08/2024	

Material Used	Part #	Quantity	Size	Meter Install Date	
Meter				New Meter Number	
Meter Box				New Meter Reading	
Meter Lid				Meter Brand	
Expansion Connection				Old Meter Reading	
Backflow					
Nipple Brass				Backflow Install Date	
Nipple Brass				Assembly Type	
Fitting - 90				Manufacturer	
Union Brass				Model Number	
Fitting - Tee				Serial Number	
Plug - Brass					
Plug - PVC				Water	On or Off
Meter Flange					
Coupler - Brass				Time	Start
Pipe					End
				Total Hours	
				Total Man Hours	
				Technician ID	
				Truck Number	
				Equipment Used	

Notes WATER TASTE GRASSY DOESNT HAVE WATER SOFTNER AND HAS BEEN HOME

SAMPLE HOT WATER HEATER BAD HELP CUSTOMER FLUSH

Created By AMarin

Signature Jim Unverferth

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type: ☐ 1 ☐ 2 ☐ 3
Appointment Date:	Time:		

CUSTOMER INFORMATION

Name JEROME SMALARA | Home Phone | Work Phone

Address 15118 REEF LANE | ☐ Residential (single Unit) ☐ Residential (multi unit) ☐ Business _____

City BONITA SPRINGS | Zip Code 34135

NATURE OF INQUIRY

☒ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☒ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☒ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☒ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☐ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: SAMPLE HOT WATER System (BAD) HELP Customer Flush

Signature Jim Vennerholm | Date 4/9/24

Service Order Number	Service Order	Reprint
SORD00001942088	Distribution	Page 1 of 1
	Open	

ENTERED

APR 10 2024

Service Order Type: WTR QUALITY

Description: Water Quality Complaints

Requested By: C0091585 RAPALLO FOUR

Location: L026619 8573 VIA GARIBALDI CIR BLDG 65 ESTERO FL

847-328-5833

Move In Customer:

Date Requested:	04/09/2024
Date Scheduled:	04/09/2024
Date Printed:	04/09/2024
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
22033074	WMTR2"M	04	2,944	03/15/2024	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes Barbara Sykes complains of sut coming through her toilet and believes this may be in her drinking water as well.

700# SAMPLE HOT WATER AND NEED TO DRAIN

Created By CSanchez

Signature Jim Venverloh

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
C. SANCHEZ	4/9/24		☐ 1 ☐ 2 ☐ 3
Appointment Date: 4/10/24	Time: 9:00 AM		

CUSTOMER INFORMATION

Name: BARBRA SYKES | Home Phone: 847-328-3533 | Work Phone:

Address: 8573 VIA GARIBALDI CIRCLE

City: | Zip Code:

☐ Residential (single Unit)
☒ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☒ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☒ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☒ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☐ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: SAMPLE HOT WATER HEATER AND RECOMMEND TO DRAIN

Signature: Jim Vennerholm | Date: 4/10/24

Service Order Number	Service Order	Reprint
SORD00001947205	Distribution Open	Page 1 of 1

ENTERED

APR 2 4 2024

Service Order Type: WTR QUALITY

Description: Water Quality Complaints

Requested By: C0105634 LISA GRAZIANO

Location: L018271 10232 ORCHID RIDGE LN BONITA SPRINGS FL

Date Requested:	04/24/2024
Date Scheduled:	04/24/2024
Date Printed:	04/24/2024
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100117874	WMTR5/8X3/4M	03	2,481	04/09/2024	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes Lisa 609-440-9196 called to report water is coming our brown all over the house,

Recommend draining of Hot water Heater AND TESTED Harness in house which was ø I, recommend ~~de~~ bypassing Softner

Created By RGonzalez

Signature Jim Wentworth

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
R. Gonzalez			☐ 1 ☐ 2 ☐ 3
Appointment Date: 4/24/24	Time: 1:00 PM		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
LISA GRAZIANO		

Address: 10232 ORCHID RIDGE LANE

City: Bonita Springs Zip Code: 34135

☐ Residential (single Unit)
☐ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☒ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☐ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: Heat water needed draining, Tested HARDNESS IN House which was 21 recommend flush Hot water heater and bypass softner

Signature: Jim Vennekotter Date: 4/24/24

Service Order Number	Service Order	Reprint
SORD00001946380	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0073140 HOLLY WASYLYK
Location: L019944 27260 RIVER ROYALE CT BONITA SPRINGS FL
Move In Customer:

Date Requested:	04/22/2024
Date Scheduled:	04/22/2024
Date Printed:	04/22/2024
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100196503	WMTR5/8X3/4M	05	2,179	04/19/2024	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes Bad smelling water in home and sprinklers. Holly 239-450-6106

Sample backflow water was fine, recommend flush lines

Created By CSanchez

Signature Jim Vennetti

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
C Sanchez			☐ 1 ☐ 2 ☐ 3
Appointment Date: 4/22/24	Time: 11:00 AM		

CUSTOMER INFORMATION

Name	Holly Wasylyk	Home Phone	Work Phone
Address	27260 River Royale Ct.	☐ Residential (single Unit) ☐ Residential (multi unit) ☐ Business	
City	Bonita Springs	Zip Code 34135	

NATURE OF INQUIRY

☒ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☒ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☒ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☒ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☐ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: Sample water at backflow water was fine recommend To flush lines

Signature Jim Vanvertloh Date 4/22/24

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
D. RODRIGUEZ	6/24/24	8:50	☐ 1 ☐ 2 ☐ 3
Appointment Date: 6/24/24	Time: 9:15		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
Address 26234 Colony Road	☒ Residential (single Unit) ☐ Residential (multi unit) ☐ Business	
City Bonita Springs Zip Code 34135		

NATURE OF INQUIRY

☒ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☒ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☒ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☒ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☒ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☒ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☒ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☒ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: CHECK WATER AT Meter, HOT WATER Heater was rusted AND Leaking Recommend replacement

Signature	Date
Jim Vennerbeck	6/24/24

Service Order Number	Service Order	Reprint
SORD00001974741	Distribution Open	Page 1 of 1

ENTERED

JUL 24 2024

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0118303 PHILP COHEN
Location: L030289 10514 ESPANOLA DR BONITA SPRINGS FL US/

Date Requested:	07/24/2024
Date Scheduled:	07/24/2024
Date Printed:	07/24/2024
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100196208	WMTR5/8X3/4M	3	1,179	07/15/2024	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes Ower wants the water to be tested, he has yellow water coming out all over the house and smelly water, Philp Cohen 516-512-0167

CHECK CHLORINE AND BACK FLOW WATER WAS FINE

Created By RGonzalez **Signature** Jim Unverzagt

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date: 7-24-24	Time: 9:30	Type: ☐ 1 ☐ 2 ☐ 3
Appointment Date: 7-24-24	Time: 10:15		

CUSTOMER INFORMATION

Name PHILIP COHEN	Home Phone	Work Phone
Address 10514 ESPANOLA DR.	☐ Residential (single Unit) ☐ Residential (multi unit) ☐ Business _____	
City BONITA SPRINGS Zip Code 34135		

NATURE OF INQUIRY

☒ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☒ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: CHECK CHLORINE AND BACK FLOW WATER WAS GOOD

Signature Jim Wentworth

Date 7-24-24

Service Order Number	Service Order	Reprint
SORD00001974118	Distribution Open	Page 1 of 1

ENTERED

JUL 31 2024

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0129582 FAIRFIELD INN AND SUITES
Location: L034130 28090 LA PLAZA BONITA LOOP BONITA SPRIN(

Date Requested:	07/23/2024
Date Scheduled:	07/23/2024
Date Printed:	07/23/2024
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
200116697	WMTR2"M	06	76,563	06/24/2024	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes Complaints of Green water. 239-317-6200 Leah

They took me to the room the customer claims the water had color in. I didn't see any color in the water neither did the employee. Color test at plant shows only a color of 4.

Created By CSanchez Signature

They asked about a water softner. thanks twice
Advised against getting one & to just Flush their Hot water a year.

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:
Appointment Date:	Time:	ENTERED

☐ 1
☐ 2
☐ 3

JUL 31 2024

CUSTOMER INFORMATION

Name: Fairfield Inn & Suites
Home Phone:
Work Phone: 239-317-6300
Address: 28090 LA Plaza Bonita Loop
☐ Residential (single Unit)
☐ Residential (multi unit)
☑ Business
City: Bonita Springs
Zip Code: 34135

NATURE OF INQUIRY

☐ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☐ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: They took me to the room that the customer claimed the water had color in it. I didn't see any color in the water neither did the employee. The color test in the Lab only showed a color of 4. They asked about a water softener. I advised against getting one & told them to just Flush their water Heaters twice a year.

Signature: [signature]
Date: 7-23-24

Service Order Number	Service Order	Reprint
SORD00001991409	Distribution Open ENTERED SEP 23 2024	Page 1 of 1

ervice Order Type: WTR QUALITY
escription: Water Quality Complaints
equested By: C0046428 RICHARD M MCCARTHY
ocation: L010951 25063 PINEWATER COVE LN BONITA SPRINGS

Date Requested:	09/20/2024
Date Scheduled:	09/20/2024
Date Printed:	09/20/2024
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
22176946	WMTR5/8X3/4M	03	1,395	09/20/2024	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

otes OWNER RICHARD CALLED TO REPORT SMELL COMING FROM HIS WATER. SUGGESTED TO DRAIN FAUCET SINK AND FLUSH HOT WATER HEATER BUT HE WANTED WATER TO BE TESTED.

Sample Backflow & Hot water heater advised to flush Hot Water heater

reated By RGonzalez Signature Jim Venerable

Service Order Number	Service Order	Reprint
SORD00002002443	Distribution Completed	Page 1 of 1

ENTERED
NOV 20 2024

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0098329 CARIS INVESTMENT LLC
Location: L004216 26880 OLD 41 RD BONITA SPRINGS FL USA 34
Move In Customer:

Date Requested:	11/05/2024
Date Scheduled:	11/05/2024
Date Printed:	11/20/2024
Date Completed:	11/06/2024

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
22123600	WMTR5/8X3/4M	03	8,565	11/12/2024	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes sewage smell/ taste throughout unit 6

Help drain hot water heater

Created By EFutch

Signature Jim Unverferth

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
E FUTCH	11/5/24		☐ 1 ☐ 2 ☐ 3
Appointment Date: 11/7/24	Time:		

CUSTOMER INFORMATION

Name CARIS INVESTMENTS | Home Phone | Work Phone

Address 26880 OLD 41 RD.

City Bonita Springs | Zip Code

☐ Residential (single Unit)
☐ Residential (multi unit)
☒ Business

NATURE OF INQUIRY

☒ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☒ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☒ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☒ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: HELP DRAIN Hot Water heater

Signature Jim Vanderbilt | Date 11/20/24

Service Order Number	Service Order	Reprint
SORD00002024584	Distribution	Page 1 of 1
	Open	

ENTERED

JAN 08 2025

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0109067 PETER M BURGWALD
Location: L002809 3750 LAKEMONT DR BONITA SPRINGS FL USA

Move In Customer:

Date Requested:	01/07/2025
Date Scheduled:	01/08/2025
Date Printed:	01/07/2025
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100143603	WMTR5/8X3/4M	05	1,679	12/27/2024	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes CUSTOMER CALLED IN ABOUT WATER BEING YELLOW AT HIS PROPERTY HE WOULD LIKE FOR US TO DO A QUAILTY CHECK PETER 239-498-7941

SAMPLE Hot Water Heater advised to Flush
CL^2 3.57

Created By AToribio **Signature** Jim Vuvertloh

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
A TORIBIO	1/7/25		☐ 1 ☐ 2 ☐ 3
Appointment Date: 1/8/25	Time: 9:00 AM		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
PETER BURGWALD	239-498-7941	

Address: 3750 LAKEMONT DRIVE

City: BONITA SPRINGS Zip Code: 34135

☒ Residential (single Unit)
☐ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☒ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☒ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☒ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☒ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: SAMPLE Hot Water Heater advised to FLUSH
Cl2 3.57

Signature: Jim Vennerholm Date: 1/8/25

Service Order Number	Service Order	Reprint
SORD00002031874	Distribution: Open	Page 1 of 1

ENTERED

JAN 31 2025

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0126527 JULIE A PECORARO
Location: L032876 28015 KERRY ~~CT BONITA SPRINGS FL USA 34~~

Date Requested:	01/28/2025
Date Scheduled:	01/28/2025
Date Printed:	01/28/2025
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100144257	WMTR5/8X3/4M	03	1,171	01/17/2025	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes CUSTOMER IS CALLING ABOUT HIS WATER CAUSING RUST STAINS IN HIS BATHROOMS AT THE PROPERTY. ANTHONY - 612-801-2486

CHECK Cl^2, SAMPLE HOT WATER HEATER, SAMPLE WATER FROM FITTING IN QUESTION, ADVISE TO TAKE OF FITTING AND CHECK FOR RUST OR DECAY

Created By AToribio **Signature** Jim Vanvertloh

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
A TORIBIO	1/28/25		☐ 1 ☐ 2 ☐ 3
Appointment Date: 1-30-25	Time: 10:00 AM		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
JULIE PECORARO	612-801-3482	

Address 28015 KERRY CT.

City BONITA SPRINGS | Zip Code 34135

☒ Residential (single Unit)
☐ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☒ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☒ Other SHOWER FITINGS	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☐ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: CHECK Cl^2 SAMPLE HOT WATER HEATER, SAMPLE FITTING IN QUESTION, RECOMEND TAKING OFF FITING AND CHECK FOR FOR RUST OR DECAY

Signature Jim Vennerholm

Date 1-30-25

Service Order Number	Service Order	Reprint
SORD00002034384	Distribution	Page 1 of 1
	Open	

ENTERED

FEB 06 2025

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0137234 JESAL P MODY
Location: L015102 27451 RICHVIEW CT BONITA SPRINGS FL USA
Move In Customer:

Date Requested:	02/05/2025
Date Scheduled:	02/06/2025
Date Printed:	02/05/2025
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100146182	WMTR5/8X3/4M	05	3,110	01/28/2025	

Material Used	Part #	Quantity	Size		
Meter				Meter Install Date	
Meter Box				New Meter Number	
Meter Lid				New Meter Reading	
Expansion Connection				Meter Brand	
Backflow				Old Meter Reading	
Nipple Brass					
Nipple Brass				Backflow Install Date	
Fitting - 90				Assembly Type	
Union Brass				Manufacturer	
Fitting - Tee				Model Number	
Plug - Brass				Serial Number	
Plug - PVC					
Meter Flange				Water	On or Off
Coupler - Brass					
Pipe				Time	Start
					End
				Total Hours	
				Total Man Hours	
				Technician ID	
				Truck Number	
				Equipment Used	

Notes Black stuff coming out of all faucets. He already replaced his faucets and filters. Please update Jesal 404-528-6219

PARTICLES COMING FROM LEAK ON PIPE GOING INTO HOUSE
ADVISE TO CONTACT PLUMBER TO REPAIR

Created By BSewnath **Signature**

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
B. Sewnath	2/5/25		☐ 1 ☐ 2 ☐ 3
Appointment Date: 2/05/25	Time: 10:00 AM		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
JESAL MODY	404-528-6317	

Address 27451 RICHVIEW CT.

City Bonita Springs | Zip Code 34135

☒ Residential (single Unit)
☐ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☒ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☐ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: PARTICLES COMING FROM LEAK ON PIPE GOING INTO HOUSE ~~Boo~~ ADVISE TO CONTACT PLUMBER TO REPAIR

Jim Vennerholt

Signature Jim Vennerholt Date 2/5/25

Service Order Number	Service Order	Reprint
SORD00002034745	Distribution Open ENTERED	Page 1 of 1

FEB 06 2025

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0127223 ANTHONY L MANZELLA
Location: L006739 3695 OLDE COTTAGE LN BONITA SPRINGS FL
Move In Customer:

Date Requested:	02/06/2025
Date Scheduled:	02/06/2025
Date Printed:	02/06/2025
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
22175680	WMTR5/8X3/4M	03	915	01/20/2025	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes Brown water when water is running on cold. Color is normal with hot water.

SAMPLED AT BACK FLOW WATER FINE, SAMPLED HOT WATER HEATER WATER WAS BROWN ADVISED TO FLUSH UNTIL CLEAR

Created By NPfluger **Signature** Jim Vemerlin

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
NFLUGER	2/6/25		☐ 1 ☐ 2 ☐ 3
Appointment Date:	**Time:**		
2/6/25	12:15		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
ANTHONY MANZELLA		

Address: 3695 OLDE COTTAGE LN.

City: BONITA SPRINGS — Zip Code:

- ☒ Residential (single Unit)
- ☐ Residential (multi unit)
- ☐ Business _____

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☒ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☒ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☒ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☒ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: SAMPLE AT BACK FLOW WATER FINE, SAMPLE HOT WATER HEATER WATER BROWN ADVISED TO FLUSH UNTIL WATER CLEAR

Signature: Jim Vermeulen — Date: 2/6/25

Service Order Number	Service Order	Reprint
SORD00002064709	Distribution Open	Page 1 of 1

ENTERED
MAY 12 2025

Service Order Type: WTR QUALITY
Description: film on dishes, red stain in shower, smell in water
Requested By: C0131481 KRISTEN V FORBUSH
Location: L024811 23831 NAPOLI WAY ESTERO FL USA 34134

Date Requested:	04/25/2025
Date Scheduled:	04/25/2025
Date Printed:	04/25/2025
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100144479	WMTR5/8X3/4M	05	2,659	04/24/2025	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			
Ph outside: 8.3			
Conductivity out: 470			
CL2 outside: 2.9			
T-Hard: 60			
Ca-Hard: 40			
Mg-Hard: 20			

Meter Install Date			
New Meter Number			
New Meter Reading			
Meter Brand			
Old Meter Reading			
Backflow Install Date			
Assembly Type			
Manufacturer			
Model Number			
Serial Number			
Water	On or Off		
Time	Start		
	End		
Total Hours			
Total Man Hours			
Technician ID			
Truck Number			
Equipment Used			

Notes (1) Inside Home - Homeowner also Detected a no odor
NO ODOR DETECTED FROM ICE MAKER INSIDE, 8.3 PH/470
Conductivity FROM Kitchen sink + 0.6 Cl^2
(2) WATER HEATER IN GARAGE - Clear water/OK/NO ODOR

Created By MFord

Signature

(3) NO NOTICEABLE RED Stains

Service Order Number	Service Order	Reprint
SORD00002080205	Distribution Open	Page 1 of 1

ENTERED

JUN 10 2025

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0076693 PEDRO J GOMEZ PAZ
Location: L022367 12076 CARPENTER LN BONITA SPRINGS FL U

Date Requested:	06/04/2025
Date Scheduled:	06/04/2025
Date Printed:	06/04/2025
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
22122901	WMTR5/8X3/4M	03	4,277	05/07/2025	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes CUSTOMER CALLED IN ABOUT THE WATER COMING OUT DIRTY FROM ALL FAUCETS AT THE PROPERTY. PLEASE CHECK 239-276-4404 PEDRO SPANISH SPEAKER

FROM SINK & TOILET, CONTACTED 9TH CUSTOMER SAID PROBLEM CLEARED UP WHEN WE GOT THERE, CHECK BACK FLOW EVERYTHING WAS GOOD

Created By AToribio **Signature** Jim Newerth

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
A TORIBIO	6/4/25		☐ 1 ☐ 2 ☐ 3
Appointment Date: 6/4/25	Time: 1:00 PM		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
Pedro Gomez		

Address: 12076 CARPENTER LANE

City: Bonita Springs Zip Code: 34135

☒ Residential (single Unit)
☐ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☒ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☒ Cold Water System	☐ Hot Water System	☐ Distribution System
☒ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☐ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: CUSTOMER Said problem cleared up when we got there TAKE SAMPLE FROM BACK FLOW ALL Fine

Signature: Jim Vennerholm Date: 6/4/25

Service Order Number	Service Order	Reprint
SORD00002094196	Distribution Open	Page 1 of 1

ENTERED
JUL 16 2025

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0085896 JEFF WILCOXEN
Location: L018871 24410 STILLWELL PKWY BONITA SPRINGS FL

Date Requested:	07/15/2025
Date Scheduled:	07/15/2025
Date Printed:	07/15/2025
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
22038720	WMTR5/8X3/4M	03	1,492	06/27/2025	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes Dena Wilcoxon at 24410 Stillwell parkway in St Carlos Estates (239-989-2436

SAMPLE WATER AT BACKFLOW (OK) SAMPLE HOT WATER HEATER (DIRTY-MILKY) RECOMMEND TO FLUSH

Created By TGriglin **Signature** Jim Vennettoli

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
T. GRIGLIN	7/15/25		☐ 1 ☐ 2 ☐ 3
Appointment Date: 7/16/25	Time: 9:30		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
JEFF WILCOXEN		

Address: 24410 STILLWELL PKWY

City: BONITA SPRINGS Zip Code: 34135

☒ Residential (single Unit)
☐ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☒ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☒ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☒ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☒ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: SAMPLE WATER AT BACKFLOW (OK) SAMPLE HOT WATER Heater (DIRTY-MILKY) Recommend to Flush

Signature: Jim Unverferth Date: 7/16/25

Service Order Number
SORD00002091961

Service Order

Distribution

ENTERED

Open

JUL 16 2025

Reprint

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0044408 SANDPIPER ISLE CONDO ASSOC
Location: L009926 24360 SANDPIPER ISLE WAY BONITA SPRINGS
Move In Customer:

Date Requested:	07/14/2025
Date Scheduled:	07/14/2025
Date Printed:	07/14/2025
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100194904	WMTR2"M	04	5,764	07/07/2025	

Material Used	Part #	Quantity	Size	Meter Install Date	
Meter				New Meter Number	
Meter Box				New Meter Reading	
Meter Lid				Meter Brand	
Expansion Connection				Old Meter Reading	
Backflow					
Nipple Brass				Backflow Install Date	
Nipple Brass				Assembly Type	
Fitting - 90				Manufacturer	
Union Brass				Model Number	
Fitting - Tee				Serial Number	
Plug - Brass					
Plug - PVC				Water	On or Off
Meter Flange					
Coupler - Brass				Time	Start
Pipe					End
				Total Hours	
				Total Man Hours	
				Technician ID	
				Truck Number	
				Equipment Used	

Notes Per Todd due to water quality concern. John Stine is in apartment 104.

DAVID RODRIGUEZ CAME TO CUSTOMER'S HOME. TESTED WATER AT METER: pH 8.78, Cl2 2.8, COND. 433 uS. HELPED CUSTOMER FLUSH HIS LINES & HOT WATER HEATER. ~~HER~~ WAS OUT OF TOWN FOR 5-MONTHS. INSIDE WQ NOW MATCHES THE WATER WE SEND TO METER.

Created By JDLopez **Signature**

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
JD LOPEZ	7/14/25		☐ 1 ☐ 2 ☐ 3
Appointment Date: 7/14/25	Time:		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
SANDPIPER Condo Assoc.		

Address: 24360 SANDPIPER ISLE

City: Bonita Springs — Zip Code:

☐ Residential (single Unit)
☒ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☒ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☒ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☒ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☒ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☒ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: Resident Gone for 5 months, Recommend flush hot water Heater to get residual back

Signature: Jim Vermerstoh

Date: 7/14/25

Service Order Number	Service Order	Reprint
SORD00002100127	Distribution Open ENTERED	Page 1 of 1

AUG 04 2025

Service Order Type: WTR QUALITY
Description: CHECK OUR EQUIPMENT - BROWN WATER
Requested By: C0080827 TREVISO AT THE COLONY CONDO AS
Location: L021756 23750 VIA TREVI WAY BONITA SPRINGS FL US

Date Requested:	07/31/2025
Date Scheduled:	07/31/2025
Date Printed:	07/31/2025
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
211341997H	WMTR3"BAD		36,429	07/30/2025	
211341997L	WMTR3"BAD		47,717	07/30/2025	

Material Used	Part #	Quantity	Size	Meter Install Date	
Meter				New Meter Number	
Meter Box				New Meter Reading	
Meter Lid				Meter Brand	
Expansion Connection				Old Meter Reading	
Backflow					
Nipple Brass				Backflow Install Date	
Nipple Brass				Assembly Type	
Fitting - 90				Manufacturer	
Union Brass				Model Number	
Fitting - Tee				Serial Number	
Plug - Brass					
Plug - PVC				Water	On or Off
Meter Flange					
Coupler - Brass				Time	Start
Pipe					End
				Total Hours	
				Total Man Hours	
				Technician ID	
				Truck Number	
				Equipment Used	

Notes Natalie from Treviso called in stating that 2 residents have brown water coming out of their faucets. Please check out connection. There may be a break on customer side. 239-947-2507

CHECK WATER AT MAIN, BROWN WATER only IN 2 UNITS
ADVISED MAINT. MAN FOR THEM TO flush hot water heater

Created By JDLopez **Signature** Jim Vanvertloh

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
JD LOPEZ			☐ 1 ☐ 2 ☐ 3
Appointment Date: 7-30-25	Time: 2:30		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
TREVISO AT THE COLONY		
Address 23750 VIA TREVI WAY	☐ Residential (single Unit) ☐ Residential (multi unit) ☐ Business	
City BONITA SPRINGS / Zip Code		

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☒ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☒ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☒ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: Check Water at main, BROWN WATER AT 2 UNITS, ADVISED MAINT. MAN FOR Residents to flush hot water heater, no one home at units.

Signature Jim Venverloh

Date 8-1-25

Service Order Number	Service Order	Reprint
SORD00002101006	Distribution Open	Page 1 of 1

ENTERED
AUG 06 2025

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0127919 DAVID B SANDLER
Location: L032769 28765 MONTECRISTO LOOP BONITA SPRINGS

Date Requested:	08/05/2025
Date Scheduled:	08/05/2025
Date Printed:	08/05/2025
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
24089164	WMTR5/8X3/4M	05	319	07/19/2025	

Material Used	Part #	Quantity	Size	Meter Install Date	
Meter				New Meter Number	
Meter Box				New Meter Reading	
Meter Lid				Meter Brand	
Expansion Connection				Old Meter Reading	
Backflow					
Nipple Brass				Backflow Install Date	
Nipple Brass				Assembly Type	
Fitting - 90				Manufacturer	
Union Brass				Model Number	
Fitting - Tee				Serial Number	
Plug - Brass					
Plug - PVC				Water	On or Off
Meter Flange					
Coupler - Brass				Time	Start
Pipe					End
				Total Hours	
				Total Man Hours	
				Technician ID	
				Truck Number	
				Equipment Used	

Notes Owner David called to say every evening he gets low PSI and also hes been seeing in his toilets back stains in his water. he said its on all his toilets and also he knows his neighboor has the same issue. David B Sandler 239-287-7824

Check water at meter, water heater was full of chunks
Advised to flush, and clean tap screens

Created By RGonzalez **Signature** Jim Vanvactor

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
K GONZALEZ	8/5/25		☐ 1 ☐ 2 ☐ 3
Appointment Date: 8-5-25	Time: 11:45		

CUSTOMER INFORMATION

Name DAVID SANDLER	Home Phone 239-287-7824	Work Phone
Address 28765 MONTECRISTO LOOP	☒ Residential (single Unit)	
City BONITA SPRINGS Zip Code	☐ Residential (multi unit)	
	☐ Business _____	

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☒ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☒ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☒ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: CHECK WATER AT Meter, WATER Heater was full of CHUNKS ADVISED TO FLUSH, AND CLEAN TAP Screens

Signature	Date
Jim Vermeulen	8/5/25

Service Order Number	Service Order	Reprint
SORD00002105450	Distribution	Page 1 of 1
	ENTERED Open	

AUG 20 2025

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0075332 LIGHTHOUSE BAY V CONDO ASSOCIA
Location: L020704 10781 CROOKED RIVER RD BLDG 74 BONITA S

Date Requested:	08/18/2025
Date Scheduled:	08/18/2025
Date Printed:	08/18/2025
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100146667	WMTR2"M	03	6,779	08/15/2025	

Material Used	Part #	Quantity	Size	Meter Install Date	
Meter				New Meter Number	
Meter Box				New Meter Reading	
Meter Lid				Meter Brand	
Expansion Connection				Old Meter Reading	
Backflow					
Nipple Brass				Backflow Install Date	
Nipple Brass				Assembly Type	
Fitting - 90				Manufacturer	
Union Brass				Model Number	
Fitting - Tee				Serial Number	
Plug - Brass					
Plug - PVC				Water	On or Off
Meter Flange					
Coupler - Brass				Time	Start
Pipe					End
				Total Hours	
				Total Man Hours	
				Technician ID	
				Truck Number	
				Equipment Used	

Notes test water

Check water at backflow. Check Hot Water heater water was black recommend flush of hot water heater

Created By EFutch **Signature** Jim Venverloh

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type: ☐ 1 ☐ 2 ☐ 3
Appointment Date: 8/18/25	Time: 12:00 PM		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
LIGHTHOUSE BAY CONDO ASSN.		

Address: 10781 CROOKED RIVER RD.

City: BONITA SPRINGS — Zip Code:

☐ Residential (single Unit)
☒ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☒ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☒ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☒ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☐ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: Check water at backflow, Check Hot water heater water was black ADVISED TO Flush Hot water heater

Signature: Jim Venvertloh

Date: 8/18/25

Service Order Number	Service Order	Reprint
SORD00002107726	Distribution: Open	Page 1 of 1

ENTERED
AUG 27 2025

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0105785 STACEY M ASIMOU
Location: L025527 4850 TARPON AVE BONITA SPRINGS FL USA 3

Date Requested:	08/22/2025
Date Scheduled:	08/22/2025
Date Printed:	08/22/2025
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
22033145	WMTR1"M	05	326	07/27/2025	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes sand, black debri, low pressure * RECOMMENDED CUSTOMER TO FLUSH HOT WATER HEATER.
CUSTOMER COULDN'T, BUT OUT OF TOWN. TESTED WATER @ METER.
pH: 8.46, Cl2: 3.0, COND. 421, TDS 210, T.ALK 58, P.ALK 6, CaHARD 42,
T. HARDNESS 66, PO4 0.3, TURBIDITY 0.1, COLOR 2 PtCob.
ALL WITHIN NORMAL TARGETS

Created By EFutch **Signature**

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
E FUTCH	8/22/25		☐ 1 ☐ 2 ☐ 3
Appointment Date:	**Time:**		
8/22/25	2:00		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
STACY MASIMOU		

Address: 4850 TARPON AVE

City: BONITA SPRINGS Zip Code:

☒ Residential (single Unit)
☐ Residential (multi unit)
☐ Business

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☒ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☒ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☐ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: WATER GOOD AT Meter advised TO FLUSH HOT WATER Heater

Signature: Jim Venverloh

Date: 8/23/25

Service Order Number	Service Order	Reprint
SORD00002113946	Distribution Open	Page 1 of 1

ENTERED
SEP 23 2025

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0127578 TERRY V APOSTOLICO
Location: L007195 26261 QUEEN MARY LN BONITA SPRINGS FL (

Date Requested:	09/16/2025
Date Scheduled:	09/16/2025
Date Printed:	09/16/2025
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100197043	WMTR5/8X3/4M	05	1,544	08/28/2025	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date	
New Meter Number	
New Meter Reading	
Meter Brand	
Old Meter Reading	
Backflow Install Date	
Assembly Type	
Manufacturer	
Model Number	
Serial Number	
Water	On or Off
Time — Start	
Time — End	
Total Hours	
Total Man Hours	
Technician ID	
Truck Number	
Equipment Used	

Notes

407-275-9364
Check Cl_2, CHECK Hot Water Heater which was Filthy advised TO Flush

Created By LeoC **Signature** _____

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
Leo C	9/16/25		☐ 1 ☐ 2 ☐ 3
Appointment Date: 9/16/25	Time: 1:00 PM		

CUSTOMER INFORMATION

Name: TERRY APOSTOLICO
Home Phone: 1-407-275-9364
Work Phone:
Address: 26261 Queen MARY LN.
City: BONITA SPRINGS
Zip Code: 34135

☒ Residential (single Unit)
☐ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☒ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☒ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☒ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☐ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: Check CL2, Check Hot Water Heater which was bad
Advised TO Flush

Signature: Jim Venerable
Date: 9/16/25

Service Order Number	Service Order	Reprint
SORD00002130379	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY

Description: Water Quality Complaints

Requested By: C0135258 KATHLEEN F LAMB

Location: L013879 10551 WALES LOOP BONITA SPRINGS FL USA

ENTERED

OCT 27 2025

Date Requested:	10/22/2025
Date Scheduled:	10/22/2025
Date Printed:	10/22/2025
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
22077424	WMTR5/8X3/4M	05	717	09/29/2025	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date	
New Meter Number	
New Meter Reading	
Meter Brand	
Old Meter Reading	
Backflow Install Date	
Assembly Type	
Manufacturer	
Model Number	
Serial Number	
Water	On or Off
Time — Start	
Time — End	
Total Hours	
Total Man Hours	
Technician ID	
Truck Number	
Equipment Used	

Notes complaining of cat urine smell in the water throughout

10/23 4PM

Cl2: 3.0, pH 8.30, COND: 443, TDS: 289

CALCIUM HARDNESS: 52 P. ALKALINITY: 100

TOTAL HARDNESS: 60 TOTAL ALKALINITY: 180

Created By EFutch **Signature**

Service Order Number	Service Order	Reprint
SORD00002128708	Distribution: Open	Page 1 of 1

ENTERED

OCT 27 2025

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0044408 SANDPIPER ISLE CONDO ASSOC
Location: L009926 24360 SANDPIPER ISLE WAY BONITA SPRINGS

Date Requested:	10/20/2025
Date Scheduled:	10/20/2025
Date Printed:	10/20/2025
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100194904	WMTR2"M	04	5,890	10/03/2025	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date	
New Meter Number	
New Meter Reading	
Meter Brand	
Old Meter Reading	
Backflow Install Date	
Assembly Type	
Manufacturer	
Model Number	
Serial Number	
Water	On or Off
Time — Start	
Time — End	
Total Hours	
Total Man Hours	
Technician ID	
Truck Number	
Equipment Used	

Notes John Stine 215-805-5033 Unit 104. Please go after 2:00 PM. Water smells like sulfur.

10/21 GOOD CHLORINE 3.3 @ MOUTH, ONLY 1.4 @ HOT WATER. FLUSHED HOT WATER HEATER.

Created By BSewnath **Signature**

Service Order Number	Service Order	Reprint
SORD00002137196	Distribution Open	Page 1 of 1

ENTERED
NOV 14 2025

Service Order Type: WTR QUALITY
Description: Water Quality Complaints
Requested By: C0121871 LALIYAKHON S YAKHYAEVA
Location: L032519 4519 DEL RIO LN BONITA SPRINGS FL USA 34

Date Requested:	11/13/2025
Date Scheduled:	11/13/2025
Date Printed:	11/13/2025
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100142912	WMTR5/8X3/4M	03	2,383	10/27/2025	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes Laliyakhon 239-580-7810 called to report water smells like sewer throughout the entire home.

pH 7.63 Cl2 1.8 C MEDIUM THEN 1.5 INSIDE Cl2
CONDUCTIVITY 473 HOT WATER HEATER FLUSHED, BUT
TDS 307 NOT DIRTY, HAD 0.1 CHLORINE.

Created By BSewnath OUTSIDE BACKYARD FAUCET 1.0 Cl2 **Signature**

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
B SEWNATH	11/13/25		☐ 1 ☐ 2 ☐ 3
Appointment Date: 11/13/25	Time: 4:00		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
LALIYAKHON YAKHYAEVA		

Address: 4519 DEL RIO LANE

City: BONITA SPRINGS Zip Code: 34135

☐ Residential (single Unit)
☐ Residential (multi unit)
☐ Business _____

NATURE OF INQUIRY

☒ Taste & Odor	☐ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☒ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☐ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☒ Other NO ORDOR NOTICED	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☒ Other SAMPLING
	☐ Other _____	

RESOLUTION: ☐ TELEPHONE ☒ SITE INVESTIGATION ☐ INFO MAILING

COMMENTS: CHECK WATER AT BACK FLOW AND INSIDE HOUSE WATER WAS fine NO ordor NOTICED

Signature: Jim Vennettilli Date: 11/14/25

Service Order Number	Service Order	Reprint
SORD00002150337	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: water at property dark in color
Requested By: C0076693 PEDRO J GOMEZ PAZ
Location: L022367 12076 CARPENTER LN BONITA SPRINGS FL U

Date Requested:	12/05/2025
Date Scheduled:	12/05/2025
Date Printed:	12/05/2025
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
22122901	WMTR5/8X3/4M	03	5,344	11/12/2025	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			
outside Ph: 8.1			
Inside Ph: 8.1			
outside Cl2: 2.3			
Inside Cl2: 2.3			

Meter Install Date	
New Meter Number	
New Meter Reading	
Meter Brand	
Old Meter Reading	
Backflow Install Date	
Assembly Type	
Manufacturer	
Model Number	
Serial Number	
Water	On or Off
Time — Start	
Time — End	
Total Hours	
Total Man Hours	
Technician ID	
Truck Number	
Equipment Used	

Notes Marcos called from 239 276 4404 and reported water in the house dark in color. more noticable in bathroom. He would like to to have it checked to see if everything is good on our end.

Instructed Customer to Flush hot water heater
Flush valve inaccesible

Created By JPerez **Signature** _____

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
J Perez	12/5/25		☐ 1 ☐ 2 ☐ 3
Appointment Date:	**Time:**		
12/5/25	13:00		

CUSTOMER INFORMATION

Name	Home Phone	Work Phone
PEDRO Gomez PAZ	239-276-4404	
Address	☒ Residential (single Unit)	
12076 CARPENTER LN	☐ Residential (multi unit)	
City / **Zip Code**	☐ Business _____	
Bonita Springs		

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☒ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☐ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☐ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☐ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☐ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: WATER AT Meter tested good ADVISED to flush hot water heater

Signature	Date
Jim Vanvertloh	12/8/25

Service Order Number	Service Order	Reprint
SORD00002149811	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY

Description: Water Quality Complaints

Requested By: C0037909 PAUL W DUPOISE

Location: L007046 9326 ROYAL CT BONITA SPRINGS FL USA 341

ENTERED
DEC 08 2025

Date Requested:	12/04/2025
Date Scheduled:	12/04/2025
Date Printed:	12/04/2025
Date Completed:	

Move In Customer:

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100195371	WMTR5/8X3/4M	03	1,448	12/01/2025	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes

Customer complained of stinky water, check Hot WATER Heater which was the cause of the BAD water

Created By RGonzalez

Signature Jim Vanvactor

Service Order Number	Service Order	Reprint
SORD00002155566	Distribution Open	Page 1 of 1

Service Order Type: WTR QUALITY
Description: dried white substance built up on kitchen sink pipe
Requested By: C0137667 VIRGINIA A DUPRAS
Location: L014820 26404 CHARLOTTE DR BONITA SPRINGS FL U:
Move In Customer:

Date Requested:	12/17/2025
Date Scheduled:	12/17/2025
Date Printed:	12/18/2025
Date Completed:	

Equipment ID	Equipment Class	Location	Previous Reading	Prev. Read Date	Current Reading
2100213208	WMTR5/8X3/4M	03	691	12/18/2025	

Material Used	Part #	Quantity	Size
Meter			
Meter Box			
Meter Lid			
Expansion Connection			
Backflow			
Nipple Brass			
Nipple Brass			
Fitting - 90			
Union Brass			
Fitting - Tee			
Plug - Brass			
Plug - PVC			
Meter Flange			
Coupler - Brass			
Pipe			

Meter Install Date		
New Meter Number		
New Meter Reading		
Meter Brand		
Old Meter Reading		
Backflow Install Date		
Assembly Type		
Manufacturer		
Model Number		
Serial Number		
Water	On or Off	
Time	Start	
	End	
Total Hours		
Total Man Hours		
Technician ID		
Truck Number		
Equipment Used		

Notes Virginia Dupras walked in and showed photo of white dried up substance built up on kitchen sink pipe. Would like to have water tested. Phone number is 705 742 2457

White substance coming from hot water heater, showed them how to drain + flush

Created By JPerez **Signature** Jim Vanvertloh

(last updated December 9, 2014)

CUSTOMER INQUIRY REPORT

Call Received By:	Date:	Time:	Type:
J Perez	12/17/25		☐ 1
Appointment Date:	Time:		☐ 2
12-18-25	7:30		☐ 3

CUSTOMER INFORMATION

Name VERGWIA DUPRAS	Home Phone 705-742-3457	Work Phone
Address 26404 CHARLOTTE DR.	☒ Residential (single Unit)	
City Bonita Springs / Zip Code 34135	☐ Residential (multi unit)	
	☐ Business _____	

NATURE OF INQUIRY

☐ Taste & Odor	☒ Dirty Water	☐ Illness	☐ Information	☐ Other
☐ Metallic	☐ Yellow	☐ Skin Irritation	☐ Lead/Copper	☐ _____
☐ Chlorinous	☐ Brown	☐ Bacterial Infection	☐ Summary Report	☐ _____
☐ Medicinal	☐ Black	☐ Diarrhea	☐ Taste & Odor	☐ _____
☐ Chemical	☒ Milky	☐ Stomachache	☐ Giardia/Crypto	
☐ Musty	☐ Particulates	☐ Headache	☐ Backflow Prevention	
☐ Septic	☐ Soapy	☐ _____	☐ Point of Use Devices	
☐ Fishy	☐ Rusty		☐ Raw Water Source	
☐ _____	☐ _____		☐ _____	

SOURCE OF PROBLEM

☐ Cold Water System	☒ Hot Water System	☐ Distribution System
☐ Plumbing	☒ Hot Water Tank	☐ Air Disturbance
☐ Water Softener	☐ Boiler	☐ Disturbance
☐ Point of Use Device	☐ Heat Exchanger	☐ Low Volume/Pressure
☐ Cross-Connection	☐ Plumbing	☐ Construction
☐ Other _____	☐ Water Softener	☐ Dead End
	☐ Cross-Connection	☐ Closed Valve
	☐ Other _____	☐ Closed Boundary Valve
		☐ Other _____

REMEDIATION

Inspection	*Maintenance*	*Recommendation*
☐ Plumbing	☐ Open Valve	☐ Flush Cold Water System
☐ Cross Connection	☐ Flush Hydrant	☒ Flush Hot Water System
☐ Other _____	☐ Flush Blowoff	☐ Dissipation
	☐ Pull Meter	☐ No Problem
	☐ Temp Service	☐ Other _____
	☐ Other _____	

RESOLUTION:	☐ TELEPHONE	☒ SITE INVESTIGATION	☐ INFO MAILING

COMMENTS: White substance coming from hot water heater
Showed them how to drain + flush

Signature Jim Venerable	Date 12-18-25

EXHIBIT I

STATEMENT THAT TRANSFER IS IN THE PUBLIC INTEREST

Application For Transfer

Exhibit I
Public Interest Statement

In providing this Public Interest Statement, Bonita Springs Utilities, Inc. ("Buyer") incorporates the summary of the Buyer's experience in water or wastewater utility operations, a showing of the Buyer's financial ability to provide service, each of which has been demonstrated through other Exhibits to this Application.

Pursuant to the Franchise Agreement By, Between, and Among Bonita Springs Utilities, Inc., The City of Bonita Springs, Florida, and Lee County, Florida the parties determined it to be in their mutual best interest for the BSU to provide potable water and wastewater treatment services to the unincorporated areas of south Lee County and for the City to grant BSU a license to construct, maintain, repair, operate and remove the utility infrastructure on, over, across and along any highway, public road or other right-of-way now owned or hereafter acquired by the City, and a franchise to BSU as the exclusive provider of water and wastewater service within the City's municipal boundaries, subject to a prior grant of authority by the Florida Public Service Commission to an area utility provider. Acquisition and consolidation of the Citrus Park system by BSU is in furtherance of the purpose and intent of the Franchise Agreement.

Consolidation of utility assets and a more uniform and regional approach to the delivery of water and wastewater services, with the attendant economies of scale, promotes operational efficiencies. Operational efficiencies in turn result in financial efficiencies which provide for lower rates and charges for utility customers. A higher level of treatment from BSU facilities, and conservation through effluent reuse, preserves water resources to the benefit of the general public.

The BSU Board of Directors has determined the acquisition of the Citrus Park systems to be in the public interest and in the best interests of its members. In so finding the Board considered numerous factors including: the most recent financial statements of the Seller, existing rates, the reasonableness of the purchase agreement price and terms, the impact of the acquisition on the BSU and Citrus Park customers, the additional investment required for the interconnects and system maintenance and repair and the ability and willingness to make that investment, the ability of BSU to provide and maintain high quality and cost-effective utility service, and other operational and financial information provided by the Seller and BSU staff and consultants.

BSU as buyer will step in and fulfill the commitments and obligations of the seller to its customers with regard to utility service matters.

EXHIBIT J

EXPLANATION OF HOW BUYER IS EXEMPT PURSUANT TO S. 367.022, F.S.

Application for Transfer

Exhibit J

Buyer is a member-owned cooperative pursuant to Section 501(c)12 of the Internal Revenue Code, and a nonprofit corporation organized under Chapter 617, Florida Statutes that provides water and wastewater services solely to its members. As such, the Commission has determined that Buyer is exempt pursuant to Section 367.022(7), Florida Statutes. See Orders Nos. PSC-12-0181-FOF-SU (Apr. 6, 2012), PSC-05-0429-FOF-WU (Apr. 20, 2005), and PSC-97-FOF-WS (Mar. 12, 1997).

EXHIBIT K

PROOF OF NOTICING PURSUANT TO RULE 25-30.030, F.A.C.

(To be Late-Filed Exhibit)