

ROSE, SUNDBSTROM & BENTLEY, LLP

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ROBERT M. C. ROSE, (1924-2006)

February 14, 2011

Ann Cole, Commission Clerk
Division of the Commission Clerk
and Administrative Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

RECEIVED-FPSC
11 FEB 14 PM 3:05
COMMISSION CLERK

Re: Rainbow Springs Utilities, L.C.; PSC Docket No. 100439-WS; Application for approval of revised service availability policy and charges
Our File No. 29030.01

Dear Ms. Cole:

This letter is in response to a Commission staff request of my client, Rainbow Springs Utilities, L.C., for certain information as outlined in their letter of January 14, 2011 and the additional information requested during our meeting on January 31, 2011.

As a preface to the information provided below and attached hereto, it should be noted that the information contained within the application and the underlying engineering master planning and analysis has been developed based upon the utility's Consulting Engineer, Chuck Pigeon's almost 30 years of experience with this utility, its development progress and characteristics, as well as his experience master planning for the provision of service to the service territory based upon the demands and indications of development within the various parts of the proposed service territory.

- COM
APA
ECR 3
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RAD
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CLK

Handwritten notes: 4 maps (Attachment 3 forwarded to ECR) & (5 CDs = copies of maps) forwarded to ECR. [CLK note: maps printed + scanned from CD.]

Vertical stamp: DOCUMENT NUMBER 100439-WS-000000 01021 FEB 14 = 11 FEB 14 PM 3:05 FPSC COMMISSION CLERK

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When attempting to meet the service needs of the development within its service territory, a utility cannot wait until it receives actual requests for service from any specific portion of its service territory or for actual physical construction to begin before it begins its master planning. That master planning must take place in advance of a request for service.

The same is true for estimating the costs of the facilities expected to be needed for the provision of utility service and the development of proposed service availability charges. As in any case involving a utility and its requests for changes in service availability charges and policy, the utility must estimate the timing and cost of facilities necessary to serve its territory but not construct the facilities until the demands are specifically made. It will also not collect the service availability charges proposed until a demand for service is received.

We have tried to respond to each of the five questions posed by the staff below:

1. Please provide all engineering information relied upon to determine the design capacity of the planned water plant additions and expansions. As part of this response, please submit a copy of all Monthly Operating Reports submitted to the Department of Environmental Protection for 2010.
2. Please provide all engineering information relied upon to determine the design capacity of the planned wastewater plant additions and expansions. As part of this response, please submit a copy of all monthly Discharge Monitoring Reports submitted to the Department of Environmental Protection for 2010.

Utility Response: See the attached memorandum with attachments from Mr. Pigeon dated February 12, 2011, which provide responses to the questions as outlined herein (Attachment 1).

3. Please provide a schedule detailing the yearly ERC growth, by customer classification type, since 1996.

Utility Response: Please see the attached schedule as prepared by the Utility's Accounting Analyst, Robert C. Nixon (Attachment 2). In addition, this issue has been addressed in Mr. Pigeon's memorandum dated February 12, 2011. The schedule does not reflect consistent growth over five in ERCs but is a reflection of the ebbs and flows of real estate cycles. While

the timing of growth in ERCs cannot be accurately predicted, growth over time will occur. As such, based upon information available to the utility and its engineer, the utility's historical growth experience is not necessarily indicative of the growth anticipated to occur within the service territory in the eight years to come.

4. *With the exception of the Special Service Availability Contract between Rainbow Springs Utilities, L.C. and Vikings, LLC, please provide all outstanding developer agreements.*

Utility Response: There are no outstanding developer agreements, other than the Special Service Availability Contract between Rainbow Springs Utilities, L.C. and Vikings, LLC.

5. *Schedule Nos. 3 and 15 reflect 1,517 total units added, and Schedule No. 15 reflects 1,186 remaining buildable units. Please explain why the 1,186 remaining buildable units were not utilized in developing the proposed service availability charges.*

Utility Response: The planning horizon for the application submitted by the utility is through the year 2018. It is anticipated that the utility will be at capacity of the proposed facilities at that time, based upon the anticipated addition of customers through those years. The utility believes that this is a reasonable planning horizon for the utility and anything much beyond that date as far as estimated costs of infrastructure and expansion plans are speculative. The utility will have to, at some future date, evaluate and assess what additional facilities will be needed to serve all of the remaining units to be built in its territory. Please see Mr. Pigeon's memorandum dated February 12, 2011 for additional discussion of this issue.

In addition, during our meeting on January 31, 2011, members of the Commission staff requested additional information. Outlined below are the Utility's attempts to provide that additional information:

1. Up-to-date maps showing the master plan configuration of the system, that matches the Utility filing.

Utility Response: We are attaching a copy of the water and wastewater master plan maps, as well as a map of the existing wastewater collection system, and the existing water system. One copy of these four maps are attached hereto as Attachment 3. Five copies of these maps in .pdf format are included on the attached disks.

2. A narrative that ties Schedule 15, addition of ERCs to the capacity that the Utility will need, including fireflow and peaking.

Utility Response: This information has been provided as part of Mr. Pigeon's memorandum and attachments dated February 12 2011.

3. Letters from developers that help form the basis for the expected absorption rates outlined in the Utility's filings.

Utility Response: Attached hereto as Attachment 4 are letters from one of the developers who provided requests in writing, including anticipated plans for development and timing within their properties. In addition, Mr. Pigeon's memorandum attached hereto dated February 12, 2011 provides additional information relative to the communications which have been received from various developers and Mr. Pigeon's knowledge of the progress of anticipated development and development plans and approvals. All of these form the basis for the anticipated absorption rate as outlined in the utility's filing.

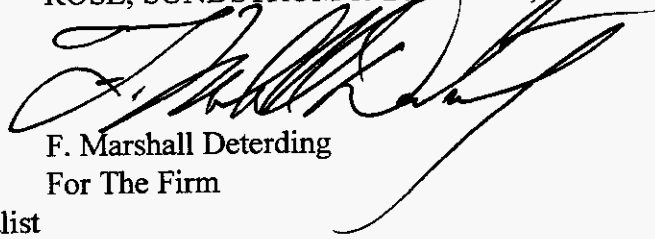
February 14, 2011

Page 5

Should you have any further questions in this regard, please let me know.

Sincerely,

ROSE, SUNDSTROM & BENTLEY, LLP

A handwritten signature in black ink, appearing to read 'F. Marshall Deterding', written over the printed name.

F. Marshall Deterding
For The Firm

FMD/tms

cc: Jay Williams, Engineering Specialist

Chuck Pigeon Memorandum (Response to #1 and #2)

ATTACHMENT 1

FORMER NUMBER-DATE

01021 FEB 14 =

FPSC-COMMISSION CLERK

PROJECT MEMORANDUM

TO: Mr. Marshall Deterding
Rose, Sundstrom & Bentley
2548 Blairstone Pines Drive
Tallahassee, FL 32301
Ph: 850-877-6555

DATE: February 12, 2011
PROJECT NO.: 10-102.04

PROJECT: RAINBOW SPRINGS UTILITIES, LC, SERVICE AVAILABILITY POLICY PSC CASE
Re: Docket No. 100439-WS

FROM: Chuck A. Pigeon, P.E.

REMARKS:

PURPOSE

The purpose of this Memorandum is to address a request for additional information presented by the Public Service Commission (PSC) in letter correspondence dated January 14, 2011. The PSC requested engineering information relied upon with respect to capacity of planned water plant additions and expansions, planned wastewater plant additions and expansions, as well as Monthly Operation Reports (MOR's) and Discharge Monitoring Reports (DMR's) for 2010.

The PSC requested additional information with respect to a schedule for yearly ERC growth by customer classification and type since 1996, providing any outstanding Developer Agreements and specific information about submitted Schedules Nos. 3 and 15. This information is addressed at the end of this memorandum with additional issues for consideration by PSC reviewers.

DISCUSSION

Included as exhibits with this Memorandum are maps of the Rainbow Springs water and wastewater utility system. Specifically the following map exhibits are provided:

- Public Drinking Water System Service Area – Master Plan
- Sanitary Sewer Service Area Map – Master Plan
- Village of Rainbow Springs – Existing Wastewater Collection System Master Map
- Village of Rainbow Springs – Existing Water System Master Map

In 2009 the utility system Master Plans were updated in response to developer requests for water and wastewater service (see attached developer request letters) and for other utility planning and capital budgeting purposes including consideration of service availability costs and land requirements. Conceptual level and/or preliminary designs were developed for cost estimating purposes and consideration of expansion scenarios, mainline extension locations and main pipeline sizes, as well as probable easement locations and land needs.

It should be noted that throughout 2007 and 2008 and into 2009 various development activities and community expansion plans were underway including design activities for Tract "F", which followed the November 28, 2006 Planned Unit Development approval for 970 Units, and Design activities for Tract "A" including the May 20, 2008 PUD approval for 100 single family lots. During this time the existing platted development within Rainbow Springs and specifically Grand Park and Grand Park North developments were being aggressively sold out with lot and home packages and a requirement for construction within 2 years. Near-by to Rainbow Springs a proposed new Lowes Center was completing design and several real estate representatives were working with out-parcel tenants and inquiring about utility services. These factors as well as

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the entitlement schedule for development of Rainbow Springs specified in the DRI Development Order were considered when estimating the capacity requirements and improvement schedules for the utility.

It is also important to note that although economic changes have been witnessed through 2009 and 2010 and the State of Florida recognized, by approval of 2009 Senate Bill 360, the need to allow an extension of development rights for permits and permitted projects, the extension was only for two years. Even today there is active interest and current inquiry for water and wastewater service for large commercial interests undergoing preliminary engineering design along US 41 within the utility service area.

Water Supply:

To address more specifically the PSC questions regarding the design capacity of planned water plant additions and expansions, attached to this memorandum are three spreadsheet schedules for water plant capacity needs based on the 2009 Master Plan analysis and Preliminary Engineering work. The three spreadsheet schedules attached are as follows:

- 1) Yearly schedule of water plant design capacity based on Average Daily Flow (ADF) requirements. (Note: ADF demand is what is used when comparing ERC's)
- 2) Design Maximum Day capacity of the physical pumps and equipment (This is what is required by design to meet estimated maximum day demand)
- 3) Calculation of the water plant design requirement to meet Peak Monthly Flows + Fire Flow on any given day.

The estimation of water supply needs and physical plant capacities were derived from the estimation of build percentages for each of the development components at Rainbow Springs anticipated to be serviced by the utility. This spreadsheet analysis included a compilation of developer requested service dates, DRI scheduled build dates to secure land development entitlements, consideration of building construction history, consultation with Rainbow Springs, Ltd. real estate management, and other considerations. A copy of the summary spreadsheet for Public Drinking Water Supply Projection is attached to this memorandum.

As can be seen from these schedules, the RBS water plant supply and delivery system must be designed to deliver sufficient water supply for domestic and commercial water use, customer irrigation demands, and required or promised fire flow delivery. The sheets provide the anticipated year for each water plant to come on-line and the design capacity of the facility.

It should be observed that the overall design water supply capacity must be approximately 9 times the average daily domestic drinking water needs and about 3.65 times the overall average daily demand. A significant contribution to the design capacity (approximately half of the design capacity) is the required fire flow delivery capacity that must be available simultaneously with the peak demand from the customer service area. In 2009 the required fire flow delivery capacity accounted for 60% of the water plant physical equipment design capacity. In design year 2018 the fire flow delivery capacity accounts for 58% of the physical equipment design capacity. Alternatives for supply and delivery of public drinking were reviewed and the expansion plan selected represents a practical and economical expansion scenario. The general water supply design included construction of deep wells equipped with vertical turbine pumping equipment capable of delivering max-day flows plus fire flow. The planned new water plants are planned as basic facilities equipped with hydropneumatic storage, chlorination and emergency power generation. For the last phase of expansion a ground level water storage tank facility is planned to be added to the system. This type of facility design was selected as opposed to elevated storage tanks which were estimated to be more costly.

Design elements of the facilities must meet the design requirements of the Florida Department of Environmental Protection (FDEP) and specifically Chapter 62-555 F.A.C. The requirements address the design for Average Daily Flow, Maximum-Day Flow and Peak Hourly Flow. The total capacity of all water source and treatment facilities connected to a water system shall at least equal the water system's design maximum-day water demand (including design fire-flow demand if fire protection is being provided) in accordance with Ch. 62-555.320(6) F.A.C.

The attached water supply capacity schedule shows the Water Plant Design capacity (based on Peak Month Average Daily Flow plus 1000 GPM fire flow) in 2018 to be 3.128 MGD. The same design year requires a water supply delivery design demand of 4.91 MGD when considering the FDEP requirement for Max-day plus a Marion County Code required 2000 GPM Fire Flow.

It should also be noted that the existing current water supply facility is limited by the storage capacity and high service pump delivery capacity. The facility was originally permitted for a 2.38 MGD Max-day design capacity. Based on current FDEP rule requirements, and facility capacity rating, the facility is recognized to have a Maximum-Day operating capacity of 1.50 MGD.

The water supply facilities planned for Rainbow Springs essentially include utilization of the existing Rainbow Springs Water Plant, a limited capacity facility located in the center of the original Rainbow Springs Country Club Estates development, and establishing two additional water supply facilities to be located within the largest land development tracts, Tract "F" and Tract "H". Water wells for these planned facilities were constructed several years ago and have been permitted with the Southwest Florida Water Management District (SWFWMD) since the early 1980's. The wells are currently permitted under Water Use Permit No. 20004257.013. The initial expansion of water plant capacity includes the upgrades to the existing water plant including the installation of additional high service pumping equipment and the reconstruction of well No. 14 pump equipment to produce more capacity. The second and third expansions include construction of water plants to utilize the production wells at Tract "H" and new production wells planned for Tract "F". All of the facilities are required to provide fire protection capacity and provide 50% of the maximum-day demand capacity, as required by FDEP, in the event the largest pumping unit is out of service. The facilities are planned to be interconnected for safe uninterrupted supply in the event of a water plant outage or catastrophe and to meet demand and fire flow requirements as development areas approach build-out.

Project descriptions and detailed cost estimates for each of the water facilities expansions and upgrades have previously been provided to the PSC.

As requested by the PSC, attached is a copy of each of the Water Plant Monthly Operating Reports (MOR's) for 2010 along with a summary spreadsheet of the Monthly Average, Maximum Day and Total water production for each month for 2005 through 2009.

Domestic Wastewater Treatment:

With respect to the determination of wastewater facility design capacity needs of planned wastewater plant additions and expansions, a similar review and analysis was conducted for wastewater flow projections and a preliminary design was conducted for various phases of the wastewater system expansion. The estimation of wastewater flow and required physical plant capacities were derived from the estimation of build percentages for each of the development components at Rainbow Springs anticipated to be serviced by the utility. This spreadsheet analysis included a compilation of developer requested service dates, DRI scheduled build dates to secure land development entitlements, consideration of building construction history, consultation with Rainbow Springs, Ltd. real estate management, and other considerations. A copy of the 2009 summary spreadsheet for Wastewater Projections is attached to this memorandum.

The wastewater treatment plant expansion plan and associated effluent disposal facilities were investigated both independently with consideration for practical capacity expansions of treatment works, and in conjunction with each other based on the dependence of effluent disposal capacity as the limiting permit condition for FDEP permitted capacity determinations. A significant factor in the master planning, considering the practical effluent disposal options potentially available to the utility, is the need to establish public access reuse of reclaimed water in order to service the planned development demands. Postponement of the necessary upgrades to the treatment works, to bring the current Type II restricted access facility to a Type II public access facility with High Level Disinfection, was considered in the phases of the expansion planning. It was necessary to plan capital expenditures that were not "throw-away" expenses for infrastructure that would be unnecessary in a short period of time (less than 5 to 8 years). An example of this would be the expansion and use of the 25 acre parcel adjacent to the existing wastewater treatment plant site. Although this parcel would allow the WWTP capacity to be increased with additional land acquisition and construction, the use of the expanded effluent disposal sprayfield would become unnecessary as soon as the first golf course and public access reclaimed water system came on-

line. In addition to the design requirements regulated by FDEP, the Marion County Code of Ordinances includes land development regulations and wastewater facility design requirements. Throughout the subject utility master planning period, and specifically in 2009, the Marion County Board of County Commission was actively engaged in the creation and public hearing processes for adoption of the Marion County Springs Protection Ordinance. This Ordinance included a defined Springs Protection Overlay Zone that encompassed a significant portion of the Rainbow Springs development and Rainbow Springs Utilities' service area. The more salient and significant points of the ordinance, that involved a direct impact to the expansion designs for the wastewater facilities, included the requirement for enhanced water quality treatment to higher standards than required by FDEP regulation. Wastewater treatment facilities utilizing slow rate land application are required to provided treatment of Total Nitrogen to less than 6 mg/l for facilities under 500,000 GPD capacity (Type II facilities).

Conceptual design and preliminary design planning for wastewater facility capacity expansions and additions were based on FDEP rules and specifically Chapter 62-600 Series of the Florida Administrative Code, and Marion County ordinances as well as rules being promulgated. The resulting expansion plan includes three additional expansions to the current wastewater treatment plant. The first expansion utilizes all of the remaining utility owned land for expansion of the current restricted land application sprayfield to maximize the use of the current wastewater treatment plant with minimal additions. The second expansion involves establishing a new wastewater plant capable of meeting the new Marion County Springs Protection Ordinance treatment requirements and providing FDEP required treatment standards for public access use of reclaimed water. The existing wastewater treatment plant components would be utilized for side stream processes and other essential facility needs. Consideration was given to an interim expansion of the WWTP to include the 25 acres adjacent to the existing wastewater treatment site, however, the cost (even with land cost at zero) only increased the long term overall facilities cost.

The planned level of wastewater treatment would allow the disposal of process effluent (reclaimed water) to be used on golf courses and common community areas at Rainbow Springs. It is planned that the first golf course that could utilize the reclaimed water would be at Tract "F", however, the existing 18-hole golf course would also be available as an option.

Phase expansion descriptions and detailed cost estimates for each of the wastewater facility expansions and upgrades have previously been provided to the PSC.

As requested by the PSC, attached is a copy of each of the wastewater facility Discharge Monitoring Reports (DMR's) for 2010 along with a summary spreadsheet submitted to FDEP for the 2010 Annual Reuse Report.

General issues to be considered:

One issue that should not be overlooked when comparing the Water Master Plan capacity design, and the PSC schedules utilized in the Service Availability filing, is that the use of "ERC's" and the prescribed value of one residential ERC defined as equivalent to 350 gallons per day. The development growth projections and design spreadsheet are based on "Lots" or "Units", (customer connections and projected customer connections) and NOT ERC's as defined by FDEP. To provide more insight, a typical "single customer connection" with irrigation meter at Rainbow Springs utilized on average about 501 gallons of water per day based on 2010 MOR reports. This represents a current public supply water use of approximately 238 gallons per day per person within the community of Rainbow Springs. This level of water use notably exceeds the recommended, and objective of the SWFWMD, to allow only 150 gallons per day per person. Therefore, each customer connection presently utilizes enough water to equal approximately 1.43 ERC's.

The investigation of wastewater flows produced by the Rainbow Springs community resulted in a determination that a typical residential customer connection generates approximately 130 gallons per day based on 2009 Discharge Monitoring Report data. This flow generation is produced primarily from the original development areas of the community referred to as the Rainbow Springs Country Club Estates area. Newer development areas and planned unit developments within the DRI as well as the newest areas in Grand Park and Grand Park North are being developed with larger homes and not limited or marketed to retirement community demographics. Therefore, the planned wastewater flow projections for new customer connections are based on 160 gallons per day per unit. One Equivalent Residential Connection is considered to equal 160

GPD. This value is less than the FDEP recommended design value of 75 gallons per day per person or between 250 to 350 Gallons per day per household, depending on the number of household bedrooms.

When estimating capital costs and expansion costs for utility infrastructure, the estimated costs included both hard costs and soft costs and a ten percent contingency typical to master planning level engineering cost estimates and preliminary design cost estimating. Soft costs for both water facilities and wastewater facilities were generally between 10 and 20 percent of the total project cost depending on project size and complexity. Cost values for capital cost estimating were based on 2009 estimated construction cost values and indexes with no provisions for inflation. Historical costs, in-house data and some vendor quotation data was utilized for cost values. Costs are subject to change with economic conditions, volume of available construction work and the contracting community. The Engineers Opinion of Probable Cost for the subject capital improvements are considered to be relatively accurate and reasonable for the needed improvements.

Response to Schedules Nos. 3 and 15.

With regard to Questions No. 3 & No. 15 noted in the purpose of this memorandum, a schedule for yearly ERC growth by customer classification and type since 1996 is attached. The ERC schedule shows a 110% growth in ERC's since 1995 (15 year growth). Since 2000 the growth is 42% (10 year growth). Although historical data can be useful in some cases and can become more reliable for large service providers with large service area coverage, the process of utility master planning for small to medium size utilities and the future facility design projections must take into consideration many other local and management factors as previously noted in the discussion section of this memorandum.

Although Rainbow Springs has been an ongoing concern for over 40 years, a significant majority of the real estate development growth and home building volume has been directly the result of the developer, Rainbow Springs, Ltd., and its subsidiary building and real estate sales companies. In other words, the land development community and its growth rate was directly related to how much and when the developer wanted to market, sell and build, as well as what investments were made and what real estate marketing was conducted. Based on my knowledge of the community and my various communications with the developer, commercial interests, and subsequent land purchasers, the master plans were prepared with prudent estimates of growth and planning for the utility's service responsibilities. Construction of infrastructure had to preempt home building construction and be available before the demands occurred.

In particular, Rainbow Springs, Ltd. had actively developed Grand Park North, a 177 lot single family development, throughout 2006 and 2007 and had sold (under contract) 100% of the development in a little over 1 year. Contracts for Grand Park North required home construction be begin within 2-years of purchase (FY2009 & 2010). As a result of the success of Grand Park North, Rainbow Springs, Ltd. initiated design and development approval of Tract "A", a 100 lot subdivision, in 2007 and 2008. Tract "A" obtained Zoning and Land use approved for development on May 28, 2008. In addition, Rainbow Springs, Ltd. was actively investigating the development of Tract "8" east of the clubhouse and Tract "B-B", the 70 acre Rainbows End Golf Course property, for development of 12 lots and 99 lots respectively in 2008 and 2009. The results of the developer activities, prompted the utility to re-evaluate and reschedule the needs for service to the community.

Along with the development activities of Rainbow Springs, Ltd., the company sold off three of its largest land development tracts to other development interests. Tract "K" was purchased by Vikings, LLC on July 23, 2004 and Vikings has since developed 294 residential homesites and an 18-hole golf course community referred to as Juliette Falls. On August 4, 2005 Rainbow IV Partners, RLLP and Rainbow IV Investments, RLLP purchased large portions of the DRI development and vested lands including Tracts "F" and "H" along with the Commercial properties along US 41. Rainbow IV then immediately proceeded to secure design and development approvals for Tract "F" that included a 970 unit project and 18-hole golf course. The Tract "F" development obtained Zoning and Land Use approval on November 26, 2006. A development schedule was published and showed the first phases of Tract "F" development would be available for sale by the end of 2008. According to the development Order, Tract "F" was required to be developed before December 31, 2010 or be subject to losing all entitlements unless a substantial deviation was filed with the State. No such substantial deviation was filed to our knowledge, and the development is relying on the interpretations of extensions awarded by the State legislature via 2007 House Bill 7203 (Chapter 2007-204, Laws of Florida) and development order extensions available under 2009 Senate Bill 360 (Chapter 2009-96, Laws of Florida), and most recently 2010 Senate Bill 1752 (Chapter 2010-147, Laws of Florida) signed into law on May

28, 2010. These laws allow a 2-year extension to be granted to the build-out date and expiration date of the Rainbow Springs Development of Regional Impact.

Most recently Rainbow Springs, Ltd. sold the balance of their real estate holdings in Rainbow Springs to CCW of Marion County, LLC. The development schedules and interest of this new owner are not known. The purchase was not made with the consultation or notice to the utility.

Although the economy has placed some of the projects at Rainbow Springs on hold over the past few years, the commercial interests have continued to request information about service availability from the utility for the US 41 commercial properties. As recently as August and October 2010, Frontier Engineering, Inc. has requested a service availability determination on behalf of their client, for US 41 commercial property, to service a large retail food market and shopping center that is actively pursuing approvals this month. Other inquires for Multi-Family housing and out parcel development within the service area were made within the past two years by Van Akin, Realtor on behalf of their client.

It should be understood that practical and logical expansion scenarios have been developed for the utility. Costs associated with the expansions were determined based on 2009 data. Available information and experience were utilized to estimate reasonable growth within the Rainbow Springs community over the next several years. Even in the event that the growth projections and adsorption estimated are off one or two years, the overall estimated costs and plans for facility expansion phases should not change.

In summary, Rainbow Springs has not been idle, but considered to be on hold like most of Florida's land development economy

The 2018 water supply facilities are designed with an operational service capacity of 3.128 MGD using a peak month basis plus 1000 GPM fire flow demand. At that time, the plant will serve approximately 3034 residential and commercial units plus approximately 1770 irrigation customers, and be operating at capacity, on a peak flow basis. In order to serve the remaining 1,186 buildable units and associated irrigation and fire flow demands, additional plant capacity and associated investment will be required. Such units, investment and future additional capacity have not been included in developing the proposed water service availability charges.

The 2018 wastewater treatment plant was designed with a capacity of 0.480 MGD and will serve approximately 3034 residential and commercial units. Based on 160 GPD per unit, the plant will be operating at capacity. In order to serve the remaining 1,186 units, additional plant capacity and associated investment will be required. Such units, investment and future additional capacity have not been included in developing the proposed wastewater service availability charges.

RAINBOW SPRINGS UTILITIES, L.C.

PUBLIC DRINKING WATER SUPPLY PROJECTIONS (ANNUAL AVERAGE DAILY DEMANDS)

Date: 2009 ANALYSIS BASED ON CURRENT FDEP PERMITTED DEVELOPMENT AND PROPOSED DRI DEVELOPMENT UNITS/LOTS

Tract / Parcel	Dwelling Type	Planned No. Units / SF	Persons / Unit	GPD / SF	GPD / Person	Current Build Status	Est. No. Homes	Current Population	Current domestic drinking water demand AADF	Number of residential Irrigation meters	Number of residential irrigation wells	Current ANNUAL AVERAGE Demand w/addition of Irrigation demand for existing homes	Design Value Flow Estimate (At 100% Buildout at 500 gpd/unit)
Phase 21	Single-family	176	2.1		125	78.4%	138	290	36,221	32	5	68,992	88,000
Phase 22	Single-family	320	2.1		125	85.6%	274	575	71,904	167	4	136,960	160,000
Phase 23	Single-family	455	2.1		125	74.7%	340	714	89,220	241	12	169,943	227,500
Phase 24	Single-family	591	2.1		125	73.6%	435	913	114,181	286	7	217,488	295,500
Grand Park (South)	Single-family	90	2.1		125	76.7%	69	145	18,120	57	4	34,515	45,000
Grand Park North	Single-family	177	2.1		125	26.0%	46	97	12,080	45	2	23,010	88,500
Fairway Estates -Tract 9	Single-family	49	2.1		125	91.8%	45	94	11,808	41	1	22,491	24,500
Fairway Estates West Tract 6	Single-family	49	2.1		125	100.0%	49	103	12,883	26	0	24,500	24,500
Fox Trace -Tract 7	Single-family	46	2.1		125	97.8%	45	94	11,809	34	0	22,494	23,000
The Boundary (Hess Tract)	Single-family	9	2.1		125	100.0%	9	19	2,383	2	0	4,500	4,500
Tract "A" Residential (45 Ac)	Single-family	100	2.1		125	0.0%	0	0	0	0	0	0	50,000
Tract 2 (existing) Condominiums	Condominiums	22	2.0		125	100.0%	22	44	5,500	0	0	11,000	11,000
Tracts 1 St. Andrew's	Single-family	6	2.1		125	66.7%	4	8	1,051	4	0	2,001	3,000
Tracts 11 and 12 (Per RBS Dev. Plan letter 4/14/09)	Single-family	14	2.1		125	0.0%	0	0	0			0	7,000
Tract F-1 Comm. (10,000 SF/AC 40 Ac. Less Winn-Dixie)	Commercial	170,000		0.10	0	0.0%		0	0			0	17,000
Tract F-1 Commercial (47,000 sf. Winn-Dixie)	Commercial	47,000		0.070	0	100.0%		0	3,290			3,290	3,290
Tract E Comm/Ind. (60 Ac.)	Industrial	400,000		0.10	0	0.0%		0	0			0	40,000
TRACT E (25 Ac. Parcel Per RBS Dev. Plan letter 4/14/09)	TBD/ PUD	50	2.1		125	0.0%	0	0	0			0	25,000
Parcel 3 - Commercial (70 AC)	Commercial	204,700		0.10	0	0.0%		0	0			0	20,470
Golf Course Club House & Restaurant	Commercial		200		50	100.0%		0	10,000		0	4,400	10,000
Clubhouse Tract 8 (Golf View PPL)	Single-family	12	2.1		125	0.0%	0	0	0			0	6,000
WWTP Site	Municipal	1			2500	50.0%		0	1,250			1,250	2,500
Tract "F" (west of US 41)	Single-family	970	2.5		125	0.0%	0	0	0			0	485,000
Tract "H"	Single-family	525	2.1		125	0.0%	0	0	0			0	262,500
Tract "B-B" Rainbows End Golf (Per RBS Dev. Plan letter 4/14/09)	Single-family	99	2.5		125	0.0%	0	0	0			0	49,500
Residential and Community Irrigation	Landscaped entrances, buffer zones and medians									9			
Unaccounted Uses (WTP, Line Flush, Main breaks, Fire) Max.												119,216	120,000
Treatment Losses												0	0
Total Projected Water Demand							1,478	3,097	401,659	944	35	866,050	2,093,260

☐ = INDICATES NEW DEVELOPMENT AREAS AND UNITS TO BE BUILT

Avg. domestic & Irrigation Demand In gpd / household meter = ☐ 500

(1 Year) 2010 Projected Build Status	2010 Projected Population	2010 Projected AADF	(6 years) 2016 Projected Build Status	2016 Projected Population	2016 Projected AADF	(8 years) 2018 Projected Build Status	2018 Projected Population	2018 Projected AADF	(10 years) 2020 Projected Build Status	2020 Projected Population	2020 Projected AADF			
80%	296	70,400	96%	355	84,480	98%	362	86,240	98%	362	86,240			
88%	578	137,600	96%	645	153,600	98%	659	156,800	98%	659	156,800			
75%	717	170,625	92%	879	209,300	96%	917	218,400	96%	917	218,400			
75%	931	221,625	92%	1,142	271,860	96%	1,191	283,680	96%	1,191	283,680			
77%	148	34,650	100%	189	45,000	100%	189	45,000	100%	189	45,000			
28%	104	24,780	90%	335	79,650	95%	353	84,075	96%	364	86,730			
92%	95	22,540	100%	103	24,500	100%	103	24,500	100%	103	24,500			
100%	103	24,500	100%	103	24,500	100%	103	24,500	100%	103	24,500			
99%	96	22,770	100%	97	23,000	100%	97	23,000	100%	97	23,000			
100%	19	4,500	100%	19	4,500	100%	19	4,500	100%	19	4,500			
0%	0	0	80%	168	40,000	90%	189	45,000	98%	206	49,000			
100%	44	11,000	100%	44	11,000	100%	44	11,000	100%	44	11,000			
100%	13	3,000	100%	13	3,000	100%	13	3,000	100%	13	3,000			
0%	0	0	100%	29	7,000	100%	29	7,000	100%	29	7,000			
0%	0	0	85%	0	14,450	85%	0	14,450	100%	0	17,000			
100%	0	3,290	100%	0	3,290	100%	0	3,290	100%	0	3,290			
0%	0	0	10%	0	4,000	25%	0	10,000	50%	0	20,000			
0%	0	0	25%	26	6,250	25%	26	6,250	50%	53	12,500			
0%	0	0	50%	0	10,235	50%	0	10,235	75%	0	15,353			
44%	0	4,400	100%	0	10,000	100%	0	10,000	100%	0	10,000			
0%	0	0	100%	25	6,000	100%	25	6,000	100%	25	6,000			
50%	0	1,250	100%	0	2,500	100%	0	2,500	100%	0	2,500			
0%	0	0	35%	849	169,750	35%	849	169,750	65%	1,576	315,250			
0%	0	0	0%	0	0	25%	276	65,625	50%	551	131,250			
0%	0	0	50%	124	24,750	75%	188	37,125	90%	223	44,550			
		0			0			0			0			
		120,000			120,000			120,000			120,000			
		0			0			0			0			
0	12	3,139	876,930	20	5,144	1,352,615	0	21	5,629	1,471,920	0	23	6,724	1,721,043

RAINBOW SPRINGS UTILITIES, LC
2009 MASTER WATER PLAN
WATER SUPPLY, TREATMENT AND TRANSMISSION FACILITIES

YEAR	WATER PLANT(S) DESIGN ADF CAPACITY (MGD)		PEAK MONTH AVERAGE DAILY DEMAND WATER SUPPLY DESIGN CAPACITY (Millions Gallons Per Day)				
	PEAK MONTH AVERAGE DAILY FLOW		EXISTING RBS WATER PLANT (1)	EXISTING RBS WATER PLANT CAPACITY INCREASE	TRACT "H" WATER SUPPLY FACILITY	TRACT "F" WATER PLANT - PHASE 1	TRACT "F" WATER PLANT - PHASE 2
2009	1.5	mgd	1.50	0	0	0	0
2010	1.50	mgd	1.50	0	0	0	0
2011	1.50	mgd	1.50	0	0	0	0
2012	2.38	mgd	1.50	0.88	0	0	0
2013	2.38	mgd	1.50	0.88	0	0	0
2014	2.38	mgd	1.50	0.88	0	0	0
2015	2.622	mgd	1.50	0.88	0	0.242	0
2016	2.622	mgd	1.50	0.88	0	0.242	0
2017	2.886	mgd	1.50	0.88	0.264	0.242	0
2018	3.128	mgd	1.50	0.88	0.264	0.242	0.242
2019	3.128	mgd	1.50	0.88	0.264	0.242	0.242
2020	3.128	mgd	1.50	0.88	0.264	0.242	0.242
2021	3.128	mgd	1.50	0.88	0.264	0.242	0.242

(1) FDEP Rated Maximum Day Capacity of Water Plant

RAINBOW SPRINGS UTILITIES, LC
2009 MASTER WATER PLAN
WATER SUPPLY, TREATMENT AND TRANSMISSION FACILITIES

YEAR	TOTAL WATER PLANT(S) DESIGN CAPACITY (MGD)		DESIGN MAXIMUM DAY CAPACITY OF PHYSICAL EQUIPMENT & WELLS (Millions Gallons Per Day)					TOTAL MAX. DAY NEEDED DESIGN CAPACITY	NEEDED FIRE FLOW ⁽²⁾		TOTAL REQUIRED WATER PLANT DESIGN CAPACITY
	ALL WATER PLANTS		EXISTING RBS WATER PLANT (1)	EXISTING RBS WATER PLANT CAPACITY INCREASE	TRACT "H" WATER SUPPLY FACILITY	TRACT "F" WATER PLANT - PHASE 1	TRACT "F" WATER PLANT - PHASE 2	ALL WATER PLANTS (MGD)	GALLONS PER MINUTE FOR 2 HOURS	(MGD)	MAX. DAY DEMAND + FIRE FLOW DEMAND (MGD)
2009	1.50	mgd	1.50	0	0	0	0	1.06	1000	1.440	2.50
2010	1.50	mgd	1.50	0	0	0	0	1.07	1000	1.440	2.51
2011	1.50	mgd	1.50	0	0	0	0	1.08	1000	1.440	2.52
2012	2.38	mgd	1.50	0.88	0	0	0	1.12	1000	1.440	2.56
2013	2.38	mgd	1.50	0.88	0	0	0	1.24	1500	2.160	3.40
2014	2.38	mgd	1.50	0.88	0	0	0	1.36	1500	2.160	3.52
2015	3.82	mgd	1.50	0.88	0	1.44	0	1.55	1500	2.160	3.71
2016	3.82	mgd	1.50	0.88	0	1.44	0	1.76	1500	2.160	3.92
2017	4.97	mgd	1.50	0.88	1.152	1.44	0	1.90	2000	2.880	4.78
2018	4.97	mgd	1.50	0.88	1.152	1.44	0	2.03	2000	2.880	4.91
2019	6.41	mgd	1.50	0.88	1.152	1.44	1.44	2.16	2000	2.880	5.04
2020	6.41	mgd	1.50	0.88	1.152	1.44	1.44	2.30	2000	2.880	5.18
2021	6.41	mgd	1.50	0.88	1.152	1.44	1.44	2.31	2000	2.880	5.19

- (1) FDEP Rated Maximum Day Capacity of Water Plant
(2) Needed Fire Flow based on MARION COUNTY LAND DEVELOPMENT CODE and NFPA

RAINBOW SPRINGS UTILITIES, LC
2009 MASTER WATER PLAN
WATER SUPPLY, TREATMENT AND TRANSMISSION FACILITIES

GPCD	YEAR	Number of Service Sites (lots)	Est. No. Homes	DOMESTIC POPULATION	COMMERCIAL EQUIVALENT POPULATION	TOTAL WATER CONNECTIONS (NOT IRRIGATION)	TOTAL IRRIGATION CONNECTIONS (84% factor)	ESTIMATED IRRIGATION DEMAND (GPD)	DOMESTIC DEMAND (GPD)	COMMERCIAL DEMAND (GPD)	TOTAL WATER DEMAND (ANNUAL AVERAGE DAILY DEMAND, MGD)	PEAK MONTH AVERAGE DAILY DEMAND (MGD)	MAXIMUM DAY DEMAND (MGD)	PEAK MONTH FIRE FLOW (MGD)
65	2009	1990	1,476	3,100	60	1,476	944	349,280	201,474	9,000	0.560	0.896	1.064	2.336
65	2010	1990	1,480	3,108	60	1,480	947	350,464	202,020	9,000	0.561	0.898	1.067	2.338
65	2011	1990	1,500	3,150	65	1,500	960	355,200	204,750	9,750	0.570	0.912	1.092	2.352
65	2012	1990	1,525	3,203	133	1,525	976	361,120	208,183	19,950	0.589	0.943	1.120	2.383
65	2013	2960	1,875	3,518	180	1,675	1,072	399,640	228,636	27,000	0.652	1.044	1,239	3.204
65	2014	3485	1,825	3,833	235	1,825	1,188	432,160	249,113	35,250	0.717	1.146	1,361	3.306
65	2015	3535	2,075	4,358	275	2,075	1,328	491,360	283,238	41,250	0.816	1.305	1,550	3.465
65	2016	3585	2,348	4,931	338	2,348	1,503	558,008	320,502	50,700	0.927	1.484	1,762	3.644
65	2017	3635	2,528	5,309	358	2,528	1,618	588,630	346,072	53,700	0.997	1.596	1,895	4.478
65	2018	3685	2,708	5,687	378	2,708	1,733	641,254	369,642	56,700	1.068	1.708	2,026	4.588
65	2019	3700	2,888	6,065	408	2,888	1,848	683,876	394,212	61,200	1.139	1.823	2,165	4.703
65	2020	3730	3,066	6,439	438	3,066	1,962	726,029	418,506	65,700	1.210	1.936	2,299	4.816
65	2021	3760	3,080	6,468	438	3,080	1,971	729,344	420,420	65,700	1.215	1.945	2,309	4.825

- 1 DOMESTIC POPULATION BASED ON 2.75 PERSONS PER HOUSHOLD POPULATION = $\frac{2.75}{1}$ Persons Per Household
- 2 COMMERCIAL EQUIVALENT POPULATION BASED ON 150 GPCD Equivalent COMMERCIAL Unit = $\frac{150}{150}$ Gallon Per Day (Per 1 Equivalent Commercial Unit)
- 3 PEAK MONTH DAILY FACTOR = 1.60
- 4 MAXIMUM DAY PEAK DESIGN FACTOR 1.90
- 5 IRRIGATION DEMAND BASED ON 2009 BILLING IS 420 GPD PER CONNECTION: IRRIGATION = $\frac{420}{1}$ GPD (Residential Irrigation meter Average Daily Demand)
- 6 GPCD = GALLONS PER PERSON PER DAY (Domestic water use only)
- 7 PUBLIC SERVICE COMMISSION EQUIVALENT RESIDENTIAL CONNECTION (ERC) = 350 GPD

RAINBOW SPRINGS UTILITIES, LC
MONTHLY WATER PLANT METER RECORDINGS

Date	Average Month Metered Flow	Max Month Flow	Total Monthly Flow	Peak Factor Avg. vs. peak day
Jan-05	611,967	840,000	18,971,000	1.37
Feb-05	638,285	998,000	17,872,000	1.56
Mar-05	527,967	801,000	16,367,000	1.52
Apr-05	704,333	1,309,000	21,130,000	1.86
May-05	785,580	1,077,000	24,353,000	1.37
Jun-05	589,666	921,000	17,690,000	1.56
Jul-05	602,806	1,095,000	18,687,000	1.82
Aug-05	535,719	1,121,000	16,607,300	2.09
Sep-05	726,366	1,072,000	21,791,000	1.48
Oct-05	620,322	877,000	19,230,000	1.41
Nov-05	727,400	939,000	21,822,000	1.29
Dec-05	480,032	678,500	14,881,000	1.41
ANNUAL TOTAL PUMPAGE =				
229,401,300 Gallons				
ANNUAL AVERAGE DAILY DEMAND =				
628,497				
Jan-06	598,593	811,000	18,556,400	1.35
Feb-06	571,964	868,000	16,015,000	1.52
Mar-06	855,629	1,294,000	26,524,500	1.51
Apr-06	1,057,483	1,495,000	31,724,500	1.41
May-06	1,125,596	1,472,000	34,893,500	1.31
Jun-06	895,066	1,330,000	26,852,000	1.49
Jul-06	894,748	1,301,000	27,737,200	1.45
Aug-06	833,316	1,217,000	25,832,800	1.46
Sep-06	823,333	1,125,000	24,700,000	1.37
Oct-06	1,020,193	1,282,000	31,626,000	1.26
Nov-06	877,000	1,119,000	26,310,000	1.28
Dec-06	790,612	1,090,000	24,509,000	1.38
ANNUAL TOTAL PUMPAGE =				
315,280,900 Gallons				
ANNUAL AVERAGE DAILY DEMAND =				
863,783				
Jan-07	645,161	969,000	20,000,000	1.50
Feb-07	698,892	985,000	19,569,000	1.41
Mar-07	847,129	1,212,000	26,261,000	1.43
Apr-07	886,000	1,280,000	26,580,000	1.44
May-07	997,709	1,233,000	30,929,000	1.24
Jun-07	915,500	1,169,000	27,465,000	1.28
Jul-07	740,709	1,059,000	22,962,000	1.43
Aug-07	773,387	1,090,000	23,975,000	1.41
Sep-07	732,483	1,703,000	22,707,000	2.32
Oct-07	633,387	891,000	19,635,000	1.41
Nov-07	807,433	1,816,000	24,223,000	2.25
Dec-07	731,677	949,000	22,682,000	1.30
ANNUAL TOTAL PUMPAGE =				
286,988,000 Gallons				
ANNUAL AVERAGE DAILY DEMAND =				
786,268				

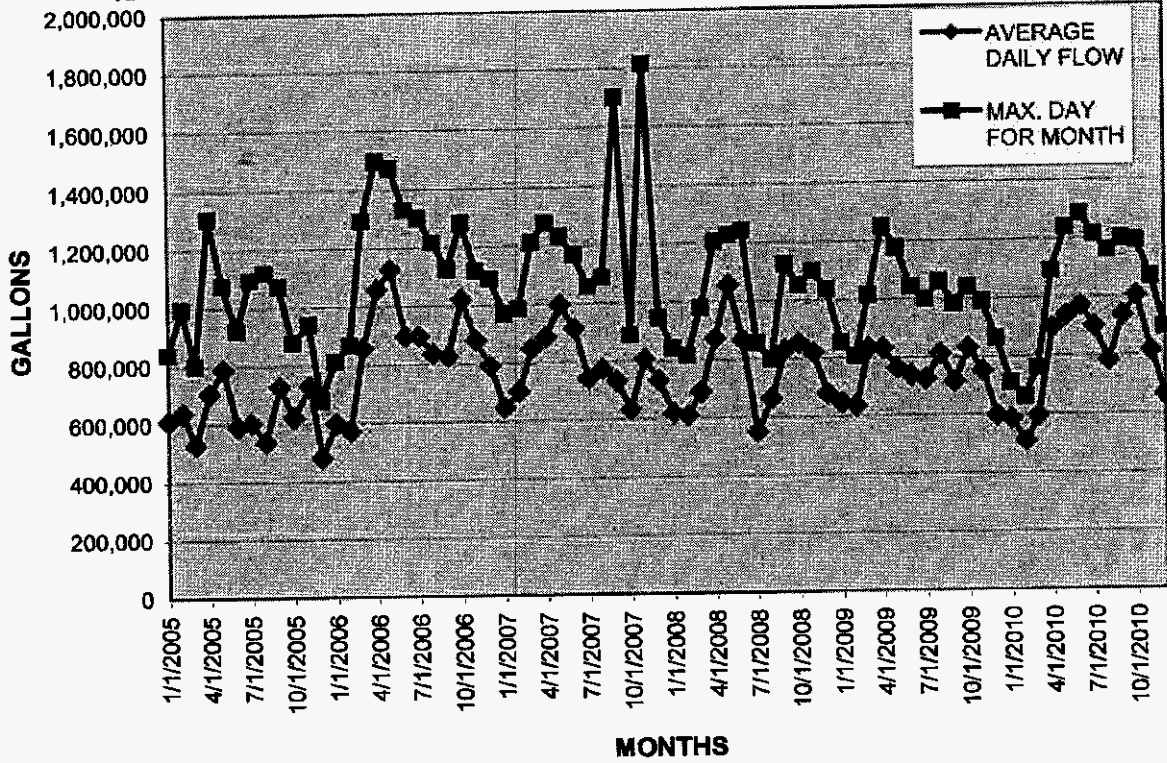
Jan-08	618,935	843,000	19,187,000		1.36
Feb-08	609,448	817,000	17,674,000		1.34
Mar-08	690,419	980,000	21,403,000		1.42
Apr-08	873,300	1,207,000	26,199,000		1.38
May-08	1,057,258	1,230,000	32,775,000		1.16
Jun-08	865,606	1,244,000	25,968,200		1.44
	551,258	856,000	17,089,000	ANNUAL TOTAL	1.55
Aug-08	664,066	801,000	17,486,050	PUMPAGE =	1.21
	832,166	1,127,000	24,965,000	274,869,250 Gallons	1.35
Oct-08	854,064	1,053,000	26,476,000		1.23
Nov-08	820,266	1,103,000	24,608,000	ANNUAL AVERAGE	1.34
Dec-08	678,677	1,038,000	21,039,000	DAILY DEMAND = 753,066	1.53
Jan-09	646,806	855,000	20,051,000		1.32
Feb-09	635,182	806,000	17,785,100		1.27
Mar-09	834,419	1,017,000	25,867,000		1.22
Apr-09	832,166	1,250,000	24,965,000		1.50
May-09	762,258	1,177,000	23,630,000		1.54
Jun-09	735,333	1,042,000	22,060,000		1.42
Jul-09	723,493	1,000,300	22,428,300	ANNUAL TOTAL	1.38
Aug-09	811,483	1,060,000	25,156,000	PUMPAGE =	1.31
Sep-09	714,166	982,000	21,425,000	270,053,900 Gallons	1.38
Oct-09	830,338	1,040,000	25,740,500		1.25
Nov-09	749,300	989,000	22,479,000	ANNUAL AVERAGE	1.32
	595,709	863,000	18,467,000	DAILY DEMAND = 739,874	1.45
Jan-10	584,903	708,000	18,132,000		1.21
Feb-10	507,714	661,000	14,216,000		1.30
Mar-10	594,064	760,000	18,416,000		1.28
Apr-10	896,300	1,091,000	26,889,000		1.22
May-10	936,387	1,239,000	29,028,000		1.32
Jun-10	970,866	1,285,000	29,126,000		1.32
Jul-10	898,432	1,214,000	27,851,400	ANNUAL TOTAL	1.35
Aug-10	780,129	1,159,000	24,184,000	PUMPAGE =	1.49
	936,500	1,200,000	28,095,000	291,921,400 Gallons	1.28
Oct-10	1,002,903	1,193,000	31,090,000		1.19
Nov-10	813,766	1,069,000	24,413,000	ANNUAL AVERAGE	1.31
Dec-10	660,677	895,000	20,481,000	DAILY DEMAND = 799,785	1.35

MAX. DAY VS. ANNUAL AVERAGE FOR 2010 = 1.61
PAEK MONTH VS. ANNUAL AVERAGE FOR 2010 = 1.25

MAX. DAY VS. ANNUAL AVERAGE FOR 2009 = 1.68
PAEK MONTH VS. ANNUAL AVERAGE FOR 2009 = 1.13

MAX. DAY VS. ANNUAL AVERAGE FOR 2008 = 1.65
PAEK MONTH VS. ANNUAL AVERAGE FOR 2008 = 1.40

RAINBOW SPRINGS UTILITIES, LC (AGREAGE MONTHLY WATER PLANT PRODUCTION)



RAINBOW SPRINGS UTILITIES, L.C.
WASTEWATER FLOW PROJECTIONS

Date: 2009 ANALYSIS BASED ON CURRENT FDEP PERMITTED DEVELOPMENT AND PROPOSED DRI DEVELOPMENT UNITS/LOTS

Tract / Parcel	Dwelling Type	Planned No. Units / SF	Persons / Unit	GPD / SF	GPD / Person	Current Build Status	Est. No. Homes	Current Population	Current AADF	Design w/130 gpd for existing and 160 gpd for proposed	Design Value Flow Estimate (At 100% Buildout AT 160 gpd/u)
Phase 21	Single-family	176	2.1		80	78.4%	138	290	17,386	23,488	28,160
Phase 22	Single-family	320	2.1		60	85.6%	274	575	34,514	41,887	51,200
Phase 23	Single-family	455	2.1		60	74.7%	340	714	42,826	61,244	72,800
Phase 24	Single-family	591	2.1		80	73.6%	435	913	54,807	79,771	94,560
Grand Park (South)	Single-family	90	2.1		60	76.7%	69	145	8,698	12,053	14,400
Grand Park North	Single-family	177	2.1		60	28.0%	48	97	5,799	25,755	28,320
Fairway Estates -Tract 9	Single-family	49	2.1		60	91.8%	45	94	5,668	6,311	7,840
Fairway Estates West Tract 6	Single-family	49	2.1		60	100.0%	49	103	6,174	6,174	7,840
Fox Trace -Tract 7	Single-family	46	2.1		60	97.8%	45	94	5,668	5,830	7,360
The Boundary (Hess Tract)	Single-family	9	2.1		80	100.0%	9	19	1,134	1,134	1,440
Tract "A" Residential (45 Ac)	Single-family	100	2.1		60	0.0%	0	0	0	16,000	16,000
Tract 2 (existing) Condominiums	Condominiums	22	2.0		60	100.0%	22	44	2,640	2,640	3,520
Tracts 1 St. Andrew's	Single-family	6	2.1		60	66.7%	4	8	504	824	960
Tracts 11 and 12 (Per RBS Dev. Plan letter 4/14/09)	Single-family	14	2.1		60	0.0%	0	0	0	2,240	2,240
Tract F-1 Comm. (10,000 SF/AC 40 Ac. Less Winn-Dixie)	Commercial	170,000		0.10	0	0.0%		0	0	17,000	17,000
Tract F-1 Commercial . (47,000 sf. Winn-Dixie)	Commercial	47,000		0.070	0	100.0%		0	3,290	3,290	3,290
Tract E Comm/Ind. (60 Ac.)	Industrial	400,000		0.10	0	0.0%		0	0	40,000	40,000
TRACT E (25 Ac. Parcel Per RBS Dev. Plan letter 4/14/09)	TBD/ PUD	50	2.1		60	0.0%	0	0	0	8,000	8,000
Parcel 3 - Commercial (70 AC)	Commercial	204,700		0.10	0	0.0%		0	0	20,470	20,470
Golf Course Club House & Restaurant	Commercial		200		15	100.0%		0	3,000	3,000	3,000
Clubhouse Tract 8 (Golf View PPL)	Single-family	12	2.1		60	0.0%	0	0	0	1,920	1,920
WWTP Site	Municipal	1			0	100.0%		0	0	0	0
Tract "F" (west of US 41)	Single-family	970	2.5		75	0.0%	0	0	0	155,200	155,200
Tract "H"	Single-family	525	2.1		75	0.0%	0	0	0	84,000	84,000
Tract "B-B" Rainbows End Golf (Per RBS Dev. Plan letter 4/14/09)	Single-family	99	2.5		75	0.0%	0	0	0	15,840	15,840

Total Projected Flow 1476 3097 192,107 635,051 685,360

= INDICATES NEW DEVELOPMENT AREAS AND UNITS TO BE BUILT

Notes: (1) Design value flow based on 160 gallons per day per single family residential unit.

Flow gpd / unit = 160

Total planned number of residential units = 3,760

(1 Year) 2010 Projected Build Status	2010 Projected Population	2010 Projected AADF	(5 years) 2014 Projected Build Status	2014 Projected Population	2014 Projected AADF	(8 years) 2017 Projected Build Status	2017 Projected Population	2017 Projected AADF	(10 years) 2020 Projected Build Status	2020 Projected Population	2020 Projected AADF		
90%	333	19,958	93%	344	20,624	98%	362	21,732	98%	362	21,732		
90%	605	36,288	93%	625	37,498	98%	659	39,514	98%	659	39,514		
85%	812	48,731	90%	860	51,597	96%	917	55,037	96%	917	55,037		
75%	931	55,850	85%	1,055	63,286	98%	1,191	71,487	96%	1,191	71,487		
90%	170	10,206	98%	185	11,113	100%	189	11,340	100%	189	11,340		
40%	149	8,921	60%	223	13,361	95%	353	21,187	98%	364	21,856		
100%	103	6,174	100%	103	6,174	100%	103	6,174	100%	103	6,174		
100%	103	6,174	100%	103	6,174	100%	103	6,174	100%	103	6,174		
100%	97	5,796	100%	97	5,796	100%	97	5,796	100%	97	5,796		
100%	19	1,134	100%	19	1,134	100%	19	1,134	100%	19	1,134		
10%	21	1,260	25%	53	3,150	90%	189	11,340	98%	206	12,348		
100%	44	2,640	100%	44	2,640	100%	44	2,640	100%	44	2,640		
100%	13	756	100%	13	756	100%	13	756	100%	13	756		
90%	28	1,588	100%	29	1,764	100%	29	1,764	100%	29	1,764		
0%	0	0	85%	0	14,450	85%	0	14,450	95%	0	16,150		
100%	0	3,290	100%	0	3,290	100%	0	3,290	100%	0	3,290		
0%	0	0	0%	0	0	0%	0	0	50%	0	20,000		
0%	0	0	0%	0	0	0%	0	0	0%	0	0		
0%	0	0	50%	0	10,235	50%	0	10,235	75%	0	15,353		
100%	0	3,000	100%	0	3,000	100%	0	3,000	100%	0	3,000		
80%	20	1,210	100%	25	1,512	100%	25	1,512	100%	25	1,512		
100%	0	0	100%	0	0	100%	0	0	100%	0	500		
0%	0	0	0%	0	0	35%	849	63,656	65%	1,576	118,219		
0	0	0	0%	0	0	25%	276	0	50%	551	41,344		
0	0	0	25%	62	4,641	75%	186	13,922	90%	223	16,706		
3445		212,974		3,839		5,603		366,140		6,671		493,825	
gpcd		62											

RAINBOW SPRINGS WASTEWATER FLOW PROJECTIONS PER LOT OR UNIT ERU

	TOTAL PLANNED UNITS	EXISTING	Remaining Future @ 12/31/2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Total ERC's Added	Remaining 2021
TOTAL SINGLE FAMILY (1)	3738	1454	2284	145	35	47	58	63	253	258	258	153	154	156	0	1435	849
WW flow Population (GPD)	470,888	183,204	287,784	18,270	4,410	5,922	7,308	7,938	31,878	32,508	32,508	19,278	19,404	19,656	0		
WW Flow by ERC (GPD)	598,080	232,840	365,440	23,200	5,600	7,520	9,280	10,080	40,480	41,280	41,280	24,480	24,640	24,960	0		
Total Multi-Family	22	22															
WW flow Population (GPD)	2,640	2,640															
WW Flow by ERC (GPD)	3,520	3,520															
Commercial ERC's (2)	525	41	484	0	38	38	39	39	21	21	21	34	36	35	0	322	182
WW Flow by ERC (GPD)	84,000	6,560	77,440	0	6,080	6,080	6,240	6,240	3,360	3,360	3,360	5,440	5,760	5,600	0		
Total ERC's	4285	1517	2768	145	73	85	97	102	274	279	279	187	190	191	0	1757	1011
Total Flow by ERC's (GPD)	685,600	242,720	442,880	23,200	11,680	13,600	15,520	16,320	43,840	44,640	44,640	29,920	30,400	30,560	0		
Flow Increase at WWTP (by Population)		192,404		18,270	10,490	12,002	13,548	14,178	35,238	35,868	35,868	24,718	25,164	25,256	0		
Accumulated flow at WWTP per year =		192,404		210,674	221,164	233,166	246,714	260,892	296,130	331,998	367,866	392,584	417,748	443,004	443,004		

Per capita WW generation = 60 GPD
 SF Unit Population = 2.1 persons
 MF Unit Population = 2.0 persons
 Typ, Single Family Unit flow = 160 GPD
 Multi-Family Unit Flow = 180 GPD
 One Commercial ERC Flow = 180 GPD

1. Each Residential Unit Equals 1 ERU. 1 ERC is equivalent to 160 GPD for wastewater.
2. Commercial Flow divided by 160 GPD equals number of commercial ERC's.

Date: January 4, 2010

File: T:\102 RBS Util\04 Master Plan\Master Sewer plan\EXCEL sheets\Flow calcs based on ERC.xls

PIGEON-ROBERTS and ASSOCIATES, LLC
ENGINEERS - PLANNERS - SURVEYORS and MAPPERS

**ANNUAL REUSE REPORT DATA
RAINBOW SPRINGS UTILITES WASTEWATER TREATMENT FACILITY**

DAY	October-08	November-08	December-08	January-09	February-09	March-09	April-09	May-09	June-09	July-09	August-09	September-09
1	0.129	0.135	0.144	0.119	0.170	0.155	0.141	0.128	0.130	0.142	0.141	0.125
2	0.106	0.134	0.168	0.154	0.169	0.155	0.136	0.136	0.132	0.099	0.129	0.107
3	0.126	0.133	0.159	0.153	0.144	0.118	0.164	0.125	0.112	0.130	0.128	0.105
4	0.126	0.178	0.105	0.144	0.112	0.157	0.129	0.125	0.127	0.132	0.156	0.121
5	0.130	0.112	0.142	0.143	0.155	0.150	0.149	0.134	0.121	0.150	0.114	0.133
6	0.130	0.146	0.132	0.150	0.143	0.141	0.149	0.112	0.134	0.150	0.111	0.124
7	0.139	0.088	0.139	0.129	0.120	0.153	0.136	0.124	0.133	0.101	0.129	0.124
8	0.122	0.153	0.138	0.130	0.165	0.142	0.159	0.133	0.133	0.141	0.131	0.129
9	0.112	0.142	0.150	0.126	0.164	0.141	0.112	0.127	0.111	0.130	0.094	0.111
10	0.140	0.142	0.114	0.144	0.120	0.158	0.148	0.132	0.124	0.137	0.093	0.108
11	0.106	0.126	0.125	0.143	0.129	0.142	0.154	0.132	0.114	0.149	0.119	0.112
12	0.116	0.117	0.139	0.142	0.135	0.130	0.145	0.136	0.124	0.134	0.106	0.124
13	0.115	0.148	0.137	0.176	0.151	0.129	0.145	0.125	0.121	0.134	0.102	0.141
14	0.130	0.125	0.139	0.173	0.128	0.138	0.160	0.139	0.079	0.143	0.055	0.141
15	0.110	0.119	0.139	0.120	0.151	0.150	0.147	0.161	0.079	0.126	0.091	0.128
16	0.110	0.150	0.147	0.128	0.150	0.150	0.112	0.107	0.126	0.119	0.107	0.126
17	0.115	0.149	0.116	0.139	0.147	0.149	0.155	0.140	0.121	0.124	0.106	0.107
18	0.138	0.155	0.131	0.144	0.138	0.134	0.126	0.140	0.129	0.133	0.196	0.117
19	0.135	0.158	0.136	0.143	0.114	0.118	0.140	0.143	0.119	0.145	0.115	0.116
20	0.135	0.123	0.139	0.158	0.145	0.143	0.139	0.135	0.129	0.145	0.108	0.123
21	0.137	0.138	0.147	0.129	0.137	0.137	0.174	0.116	0.120	0.097	0.113	0.123
22	0.121	0.149	0.146	0.136	0.075	0.152	0.135	0.144	0.120	0.116	0.130	0.138
23	0.120	0.159	0.148	0.114	0.074	0.152	0.097	0.132	0.129	0.120	0.127	0.111
24	0.125	0.159	0.136	0.152	0.146	0.171	0.132	0.146	0.122	0.122	0.127	0.111
25	0.135	0.167	0.155	0.142	0.127	0.132	0.134	0.146	0.118	0.126	0.133	0.110
26	0.134	0.118	0.155	0.142	0.152	0.136	0.131	0.150	0.142	0.126	0.113	0.105
27	0.133	0.158	0.135	0.167	0.146	0.147	0.131	0.126	0.150	0.125	0.121	0.135
28	0.146	0.158	0.180	0.123	0.144	0.146	0.144	0.124	0.131	0.123	0.123	0.135
29	0.125	0.129	0.180	0.140		0.143	0.118	0.126	0.131	0.122	0.119	0.131
30	0.123	0.144	0.148	0.127		0.142	0.119	0.136	0.120	0.118	0.127	0.122
31	0.124		0.133	0.127		0.151		0.130		0.121	0.127	
TOTAL	3.893	4.212	4.402	4.357	3.851	4.456	4.161	4.110	3.681	3.980	3.691	3.643
AVG	0.126	0.140	0.142	0.141	0.133	0.144	0.139	0.133	0.123	0.128	0.119	0.121
ANNUAL TOTAL	48.437		MG	ANNUAL AVERAGE		0.133	MGD					

**ANNUAL REUSE REPORT DATA
RAINBOW SPRINGS UTILITES WASTEWATER TREATMENT FACILITY**

DAY	October-09	November-09	December-09	January-10	February-10	March-10	April-10	May-10	June-10	July-10	August-10	September-10
1	0.117	0.126	0.119	0.123	0.139	0.142	0.155	0.132	0.152	0.124	0.119	0.114
2	0.120	0.126	0.131	0.166	0.143	0.122	0.147	0.130	0.134	0.143	0.118	0.102
3	0.132	0.115	0.121	0.146	0.145	0.156	0.131	0.129	0.112	0.126	0.118	0.126
4	0.126	0.136	0.131	0.145	0.114	0.136	0.145	0.137	0.102	0.120	0.117	0.124
5	0.125	0.133	0.137	0.150	0.130	0.164	0.145	0.153	0.128	0.120	0.105	0.120
6	0.117	0.107	0.139	0.137	0.128	0.151	0.133	0.122	0.125	0.116	0.113	0.119
7	0.129	0.133	0.138	0.117	0.143	0.131	0.134	0.122	0.124	0.144	0.128	0.134
8	0.123	0.133	0.113	0.131	0.143	0.131	0.146	0.131	0.120	0.095	0.128	0.134
9	0.128	0.132	0.127	0.150	0.113	0.124	0.147	0.127	0.114	0.109	0.127	0.099
10	0.126	0.144	0.128	0.145	0.133	0.137	0.147	0.127	0.112	0.110	0.118	0.121
11	0.129	0.128	0.125	0.144	0.145	0.124	0.133	0.119	0.120	0.113	0.130	0.108
12	0.128	0.129	0.126	0.146	0.160	0.181	0.133	0.126	0.132	0.113	0.110	0.120
13	0.119	0.129	0.132	0.132	0.149	0.152	0.132	0.115	0.113	0.152	0.119	0.120
14	0.122	0.142	0.131	0.127	0.133	0.136	0.119	0.144	0.113	0.106	0.129	0.104
15	0.129	0.127	0.141	0.120	0.133	0.135	0.124	0.130	0.114	0.107	0.122	0.121
16	0.123	0.126	0.139	0.141	0.131	0.133	0.124	0.124	0.122	0.125	0.122	0.129
17	0.133	0.115	0.129	0.126	0.146	0.135	0.131	0.123	0.119	0.133	0.115	0.114
18	0.142	0.163	0.114	0.125	0.128	0.135	0.134	0.110	0.105	0.119	0.126	0.124
19	0.141	0.131	0.124	0.183	0.153	0.145	0.134	0.134	0.134	0.118	0.107	0.118
20	0.133	0.122	0.170	0.120	0.134	0.137	0.136	0.110	0.123	0.112	0.117	0.117
21	0.132	0.137	0.170	0.125	0.134	0.140	0.132	0.131	0.123	0.109	0.122	0.140
22	0.135	0.170	0.094	0.147	0.134	0.139	0.142	0.125	0.117	0.105	0.130	0.157
23	0.124	0.170	0.170	0.139	0.137	0.143	0.135	0.130	0.120	0.126	0.130	0.128
24	0.136	0.108	0.132	0.151	0.136	0.123	0.135	0.129	0.108	0.098	0.148	0.152
25	0.126	0.131	0.142	0.151	0.141	0.153	0.131	0.134	0.111	0.123	0.131	0.156
26	0.125	0.152	0.141	0.123	0.147	0.147	0.131	0.123	0.118	0.122	0.119	0.125
27	0.131	0.151	0.163	0.107	0.125	0.132	0.130	0.109	0.119	0.126	0.119	0.125
28	0.127	0.112	0.163	0.147	0.143	0.150	0.123	0.126	0.119	0.114	0.138	0.149
29	0.117	0.152	0.138	0.145		0.150	0.119	0.124	0.110	0.110	0.118	0.144
30	0.132	0.151	0.128	0.118		0.135	0.112	0.131	0.113	0.127	0.117	0.196
31	0.131		0.145	0.139		0.126		0.130		0.118	0.109	
TOTAL	3.958	4.031	4.201	4.266	3.840	4.345	4.020	3.937	3.576	3.683	3.769	3.840
AVG	0.128	0.134	0.136	0.138	0.137	0.140	0.134	0.127	0.119	0.119	0.122	0.128
ANNUAL TOTAL		47.466	MG	ANNUAL AVERAGE		0.130	MGD					

Rainbow Springs Utilities, L.C.
Staff Question No. 3
Schedule of Yearly ERC Growth by Customer Classification
For the Period 1996 Through 2010

Line No.	Potable Water Service			Irrigation Service	Total Water ERC's	Wastewater Service		Total Wastewater ERC's
	Residential ERC's	General Service ERC's	Total			Residential ERC's	General Service ERC's	
1	714	5	719	387	1,106	710	8	718
2	76	11	87	52	139	50	8	58
3	790	16	806	439	1,245	780	16	778
4	47	147	194	45	239	52	8	60
5	837	163	1,000	484	1,484	812	24	838
6	80	-	80	63	143	74	-	74
7	917	163	1,080	547	1,627	686	24	910
8	76	-	76	51	127	78	-	78
9	993	163	1,156	598	1,754	964	24	988
10	47	20	67	23	90	57	13	70
11	1,040	183	1,223	621	1,844	1,021	37	1,058
12	111	13	124	-	124	63	8	71
13	1,151	196	1,347	621	1,968	1,084	45	1,129
14	(29)	(35)	(64)	52	(12)	36	(21)	15
15	1,122	161	1,283	673	1,956	1,120	24	1,144
16	52	-	52	15	67	52	(3)	49
17	1,174	161	1,335	688	2,023	1,172	21	1,193
18	71	-	71	68	137	77	-	77
19	1,245	161	1,406	754	2,160	1,248	21	1,270
20	108	-	108	87	193	101	-	101
21	1,351	161	1,512	841	2,353	1,350	21	1,371
22	99	-	99	71	170	99	-	99
23	1,450	161	1,611	912	2,523	1,449	21	1,470
24	15	-	15	37	52	16	-	16
25	1,465	161	1,626	949	2,575	1,465	21	1,486
26	11	5	16	8	24	11	3	14
27	1,476	166	1,642	957	2,599	1,476	24	1,500
28	1	8	9	-	9	1	-	1
29	1,477	174	1,651	957	2,608	1,477	24	1,501
30	2	-	2	9	11	2	-	2
31	1,479	174	1,653	968	2,619	1,479	24	1,503

32 Notes: (1) ERC's are based on meter equivalents

33 (2) 1997 General Service additions include ERC's for 6" and 8" metered fire lines

34 (3) 2002 additions reflect adjustments to correct incorrect connection data reported in prior years annual reports.

RAINBOW SPRINGS UTILITIES, LC
2010
PUBLIC WATER SUPPLY
MONTHLY OPERATING REPORTS



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: January 2010

A. Public Water System (PWS) Information

PWS Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES		PWS Identification Number: 6422679	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 1,600		Total Population Served at End of Month: 2,300	
PWS Owner: Rainbow Springs Limited			
Contact Person: Greg Gordon		Contact Person's Title: Manager	
Contact Person's Mailing Address: P.O. Box 1850		City: Dunnellon	State: FL Zip Code: 34430
Contact Person's Telephone Number: 352/489-9153		Contact Person's Fax Number:	
Contact Person's E-Mail Address:			

B. Water Treatment Plant Information

Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES		Plant Telephone Number: 352/489-9153	
Plant Address: Sw 196 Ave. Rd.		City: Dunnellon	State: FL Zip Code: 34432
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water			
Permitted Maximum Day Operating Capacity of Plant, gallons per day:			
Plant Category (per subsection 62-699.310(4), F.A.C.):		Plant Class (per subsection 62-699.310(4), F.A.C.):	
Licensed Operators	Name	License Class	License Number
Lead/Chief Operator:	Buddy Morris	C	6941
Other Operators:			

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

	2/4/10	Buddy Morris	C-6941
Signature and Date		Printed or Typed Name	License Number

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 6422679 Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES

III. Daily Data for the Month/Year of: **January 2010**

Means of Achieving Four-Log Virus Inactivation/Removal: * Free Chlorine Chlorine Dioxide Ozone Combined Chlorine (Chloramines)
 Ultraviolet Radiation Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: Free Chlorine Combined Chlorine (Chloramines) Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations					UV Dose						
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm ²	Minimum UV Dose Required, mW-sec/cm ²			
1	X	24	579,000		1.10									0.80	
2	X	24	593,000		1.20									0.90	
3		24	526,000												
4	X	24	525,000		0.90									0.60	
5	X	24	581,000		0.80									0.60	
6	X	24	642,000		1.00									0.70	
7	X	24	555,000		0.90									0.60	
8	X	24	634,000		0.80									0.50	
9	X	24	587,000		0.90									0.60	
10		24	598,000												
11	X	24	597,000		0.90									0.60	
12	X	24	699,000		0.80									0.50	
13	X	24	680,000		0.90									0.60	
14	X	24	671,000		0.90									0.60	
15	X	24	699,000		0.80									0.50	
16	X	24	708,000		0.80									0.50	
17		24	511,000												
18	X	24	510,000		0.70									0.50	
19	X	24	592,000		0.80									0.50	
20	X	24	643,000		0.90									0.60	
21	X	24	669,000		0.80									0.50	
22	X	24	473,000		0.80									0.50	
23	X	24	528,000		0.80									0.50	
24		24	513,000												
25	X	24	513,000		0.70									0.40	
26	X	24	495,000		0.70									0.40	
27	X	24	559,000		0.80									0.50	
28	X	24	560,000		0.80									0.50	
29	X	24	600,000		0.80									0.50	
30	X	24	613,000		0.70									0.40	
31		24	479,000												

Total	18,132,000
Average	584,903
Maximum	708,000

* Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: February 2010

A. Public Water System (PWS) Information

PWS Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES		PWS Identification Number: 6422679	
PWS Type:	<input checked="" type="checkbox"/> Community	<input type="checkbox"/> Non-Transient Non-Community	<input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive
Number of Service Connections at End of Month: 1,600		Total Population Served at End of Month: 2,300	
PWS Owner: Rainbow Springs Limited			
Contact Person: Greg Gordon		Contact Person's Title: Manager	
Contact Person's Mailing Address: P.O. Box 1850		City: Dunnellon	State: FL Zip Code: 34430
Contact Person's Telephone Number: 352/489-9153		Contact Person's Fax Number:	
Contact Person's E-Mail Address:			

B. Water Treatment Plant Information

Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES		Plant Telephone Number: 352/489-9153		
Plant Address: Sw 196 Ave. Rd.		City: Dunnellon	State: FL Zip Code: 34432	
Type of Water Treated by Plant:	<input checked="" type="checkbox"/> Raw Ground Water	<input type="checkbox"/> Purchased Finished Water		
Permitted Maximum Day Operating Capacity of Plant, gallons per day:				
Plant Category (per subsection 62-699.310(4), F.A.C.):		Plant Class (per subsection 62-699.310(4), F.A.C.):		
Licensed Operators	Name	License Class	License Number	Day(s)/Shift(s) Worked
Lead/Chief Operator:	Buddy Morris	C	6941	
Other Operators:				

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

	3/4/10	Buddy Morris	C-6941
Signature and Date		Printed or Typed Name	License Number

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

WS Identification Number: 6422679

Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES

III. Daily Data for the Month/Year of: February 2010

Means of Achieving Four-Log Virus Inactivation/Removal: *

Ultraviolet Radiation Other (Describe): Free Chlorine Chlorine Dioxide Ozone Combined Chlorine (Chloramines)

Type of Disinfectant Residual Maintained in Distribution System: Free Chlorine Combined Chlorine (Chloramines) Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	Peak Flow Rate, gpd	Chlorine Calculations			Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	UV Dose		Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions, Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
					Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L				Lowest Operating UV Dose, mW-sec/cm ²	Minimum UV Dose Required, mW-sec/cm ²		
1	X	24	479,000		0.80							0.50		
2	X	24	406,000		0.90							0.50		
3	X	24	533,000		0.80							0.50		
4	X	24	456,000		0.90							0.60		
5	X	24	448,000		0.90							0.60		
6	X	24	489,000		0.90							0.60		
7		24	301,000									0.60		
8	X	24	500,000		0.90							0.60		
9	X	24	484,000		0.90							0.60		
10	X	24	460,000		0.90							0.60		
11	X	24	466,000		0.90							0.60		
12	X	24	453,000		0.90							0.60		
13	X	24	509,000		1.00							0.60		
14		24	477,000									0.70		
15	X	24	476,000		0.90							0.60		
16	X	24	489,000		0.90							0.60		
17	X	24	533,000		0.90							0.60		
18	X	24	477,000		0.90							0.60		
19	X	24	555,000		0.80							0.50		
20	X	24	639,000		0.80							0.50		
21		24	661,000									0.50		
22	X	24	661,000		0.90							0.60		
23	X	24	456,000		0.90							0.60		
24	X	24	553,000		0.80							0.50		
25	X	24	457,000		0.80							0.50		
26	X	24	533,000		0.80							0.50		
27	X	24	555,000		0.90							0.50		
28		24	310,000									0.60		
29		24												
30		24												
31		24												
Total			14,216,000											
Average			507,714											
Maximum			661,000											

* Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: March 2010

A. Public Water System (PWS) Information

PWS Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES		PWS Identification Number: 6422679	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 1,600		Total Population Served at End of Month: 2,300	
PWS Owner: Rainbow Springs Limited			
Contact Person: Greg Gordon		Contact Person's Title: Manager	
Contact Person's Mailing Address: P.O. Box 1850		City: Dunnellon	State: FL Zip Code: 34430
Contact Person's Telephone Number: 352/489-9153		Contact Person's Fax Number:	
Contact Person's E-Mail Address:			

B. Water Treatment Plant Information

Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES		Plant Telephone Number: 352/489-9153	
Plant Address: Sw 196 Ave. Rd.		City: Dunnellon	State: FL Zip Code: 34432
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water			
Permitted Maximum Day Operating Capacity of Plant, gallons per day:			
Plant Category (per subsection 62-699.310(4), F.A.C.):		Plant Class (per subsection 62-699.310(4), F.A.C.):	
Licensed Operators	Name	License Class	License Number
Lead/Chief Operator:	Buddy Morris	C	6941
Other Operators:			

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

	4/8/10	Buddy Morris	C-6941
Signature and Date		Printed or Typed Name	License Number

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 6422679

Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES

III. Daily Data for the Month/Year of: **March 2010**

Means of Achieving Four-Log Virus Inactivation/Removal: * Free Chlorine Chlorine Dioxide Ozone Combined Chlorine (Chloramines)

Ultraviolet Radiation Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: Free Chlorine Combined Chlorine (Chloramines) Chlorine Dioxide

Day of the Month	Days Plant Staff Visited by Operator (Place "X")	Hours Plant Operation	Net Quantity of Finished Water Produced, gal	Peak Flow Rate, gpd	Lowest Residual Concentration (L) Before or at First Customer During Peak Flow, mg/L	Minimum Contact Time (MCT) (D) at L	Minimum Chlorine Dose (mg/L) at L	Temperature of Water, °C	pH of Water, Applicable	Minimum Required Disinfectant Dose, mg/L	Operating UV Dose, mW-sec/cm ²	Minimum UV Dose Required, mW-sec/cm ²	Lowest Residual Concentration (L) in Distribution System, mg/L	Emergency or Abnormal Operating Conditions, Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
1	X	24	510,000		0.80								0.50	
2	X	24	544,000		0.90								0.60	
3	X	24	550,000		0.90								0.60	
4	X	24	495,000		0.80								0.50	
5	X	24	561,000		0.90								0.60	
6	X	24	667,000		0.80								0.50	
7		24	670,000											
8	X	24	670,000		0.80								0.50	
9	X	24	576,000		0.80								0.50	
10	X	24	760,000		0.90								0.60	
11	X	24	584,000		0.80								0.50	
12	X	24	521,000		0.90								0.60	
13	X	24	502,000		0.80								0.50	
14		24	554,000											
15	X	24	553,000		0.90								0.60	
16	X	24	575,000		0.90								0.60	
17	X	24	652,000		0.90								0.60	
18	X	24	627,000		0.90								0.60	
19	X	24	632,000		1.00								0.60	
20	X	24	700,000		1.00								0.70	
21		24	612,000											
22	X	24	611,000		0.90								0.60	
23	X	24	510,000		0.90								0.60	
24	X	24	629,000		0.90								0.60	
25	X	24	686,000		0.90								0.60	
26	X	24	573,000		0.90								0.60	
27	X	24	595,000		0.90								0.60	
28		24	577,000											
29	X	24	577,000		0.90								0.60	
30	X	24	497,000		0.90								0.60	
31	X	24	646,000		0.90								0.60	
Total			18,416,000											
Average			594,064											
Maximum			760,000											

* Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: April 2010

A. Public Water System (PWS) Information

PWS Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES		PWS Identification Number: 6422679	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 1,600		Total Population Served at End of Month: 2,300	
PWS Owner: Rainbow Springs Limited			
Contact Person: Greg Gordon		Contact Person's Title: Manager	
Contact Person's Mailing Address: P.O. Box 1850		City: Dunnellon	State: FL Zip Code: 34430
Contact Person's Telephone Number: 352/489-9153		Contact Person's Fax Number:	
Contact Person's E-Mail Address:			

B. Water Treatment Plant Information

Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES		Plant Telephone Number: 352/489-9153	
Plant Address: Sw 196 Ave. Rd.		City: Dunnellon	State: FL Zip Code: 34432
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water			
Permitted Maximum Day Operating Capacity of Plant, gallons per day:			
Plant Category (per subsection 62-699.310(4), F.A.C.):		Plant Class (per subsection 62-699.310(4), F.A.C.):	
Licensed Operators	Name	License Class	License Number
Lead/Chief Operator:	Buddy Morris	C	6941
Other Operators:			

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

	<u>5/6/10</u>	Buddy Morris	C-6941
Signature and Date		Printed or Typed Name	License Number

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 6422679

Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES

III. Daily Data for the Month/Year of: April 2010

Means of Achieving Four-Log Virus Inactivation/Removal: * Free Chlorine Chlorine Dioxide Ozone Combined Chlorine (Chloramines)
 Ultraviolet Radiation Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: Free Chlorine Combined Chlorine (Chloramines) Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm ²	Minimum UV Dose Required, mW-sec/cm ²	Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions, Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
1	X	24	791,000		0.90								0.60	
2	X	24	772,000		1.00								0.70	
3	X	24	933,000		0.70								0.40	
4		24	864,000											
5	X	24	864,000		0.90								0.60	
6	X	24	786,000		0.80								0.50	
7	X	24	995,000		0.90								0.60	
8	X	24	968,000		0.90								0.60	
9	X	24	696,000		0.90								0.60	
10	X	24	947,000		0.90								0.70	
11		24	936,000											
12	X	24	936,000		1.10								0.80	
13	X	24	788,000		0.80								0.50	
14	X	24	1,001,000		1.00								0.70	
15	X	24	1,041,000		1.00								0.70	
16	X	24	940,000		0.90								0.60	
17	X	24	1,034,000		0.90								0.60	
18		24	949,000											
19	X	24	941,000		1.20								0.90	
20	X	24	737,000		1.00								0.70	
21	X	24	942,000		1.00								0.70	
22	X	24	726,000		1.00								0.70	
23	X	24	751,000		1.00								0.70	
24	X	24	1,053,000		0.80								0.50	
25		24	840,000											
26	X	24	839,000		0.90								0.60	
27	X	24	755,000		0.70								0.40	
28	X	24	1,045,000		0.80								0.50	
29	X	24	1,091,000		0.90								0.60	
30	X	24	928,000		1.10								0.80	
31		24												
Total			26,889,000											
Average			896,300											
Maximum			1,091,000											

* Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: May 2010

A. Public Water System (PWS) Information

PWS Name: <u>RAINBOW SPRINGS COUNTRY CLUB ESTATES</u>		PWS Identification Number: <u>6422679</u>	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: <u>1,600</u>		Total Population Served at End of Month: <u>2,300</u>	
PWS Owner: <u>Rainbow Springs Limited</u>			
Contact Person: <u>Greg Gordon</u>		Contact Person's Title: <u>Manager</u>	
Contact Person's Mailing Address: <u>P.O. Box 1850</u>		City: <u>Dunnellon</u>	State: <u>Fl</u> Zip Code: <u>34430</u>
Contact Person's Telephone Number: <u>352/489-9153</u>		Contact Person's Fax Number:	
Contact Person's E-Mail Address:			

B. Water Treatment Plant Information

Plant Name: <u>RAINBOW SPRINGS COUNTRY CLUB ESTATES</u>		Plant Telephone Number: <u>352/489-9153</u>	
Plant Address: <u>Sw 196 Ave. Rd.</u>		City: <u>Dunnellon</u>	State: <u>Fl</u> Zip Code: <u>34432</u>
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water			
Permitted Maximum Day Operating Capacity of Plant, gallons per day:			
Plant Category (per subsection 62-699.310(4), F.A.C.):		Plant Class (per subsection 62-699.310(4), F.A.C.):	
Licensed Operators	Name	License Class	License Number
Lead/Chief Operator:	<u>Buddy Morris</u>	<u>C</u>	<u>6941</u>
Other Operators:			

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them together with copies of this report, at a convenient location for at least ten years.

Buddy Morris 6/7/10 Buddy Morris C-6941
 Signature and Date Printed or Typed Name License Number

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 6422679

Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES

III. Daily Data for the Month/Year of: May 2010

Means of Achieving Four-Log Virus Inactivation/Removal: * Free Chlorine Chlorine Dioxide Ozone Combined Chlorine (Chloramines)
 Ultraviolet Radiation Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: Free Chlorine Combined Chlorine (Chloramines) Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours of Plant in Operation	Net Quantity of Finished Water Produced, gal	UV Dose and/or UV Type, or Disinfectant Residual for Virus Inactivation, if Applicable										Emergency or Abnormal Operating Conditions, Repair or Maintenance Work that Involves Taking Water System Components Out of Operation	
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (mg/L) Before or at First Customer Measurement Point During Peak Flow	Disinfectant Contact Time (T) in Minutes	Lowest Residual Disinfectant Concentration at First Customer Measurement Point During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/l	Lowest Operating UV Dose, mW-sec/cm ²	Minimum UV Dose Required, mW-sec/cm ²	Lowest Residual Disinfectant Concentration at Point in Distribution System, mg/L		
1	X	24	986,000		0.90									0.60	
2		24	1,041,000												
3	X	24	1,041,000		1.10									0.80	
4	X	24	982,000		0.70									0.40	
5	X	24	700,000		0.60									0.30	
6	X	24	570,000		0.80									0.50	
7	X	24	701,000		0.80									0.50	
8	X	24	944,000		0.60									0.30	
9		24	972,000												
10	X	24	971,000		0.90									0.60	
11	X	24	900,000		1.10									0.80	
12	X	24	1,143,000		0.90									0.60	
13	X	24	1,187,000		0.80									0.50	
14	X	24	1,051,000		1.20									0.90	
15	X	24	1,140,000		1.20									0.90	
16		24	946,000												
17	X	24	946,000		0.90									0.60	
18	X	24	658,000		1.10									0.80	
19	X	24	963,000		0.90									0.60	
20	X	24	1,101,000		0.90									0.60	
21	X	24	861,000		1.30									1.00	
22	X	24	1,239,000		1.10									0.80	
23		24	1,031,000												
24	X	24	1,036,000		0.70									0.40	
25	X	24	760,000		0.80									0.50	
26	X	24	937,000		1.10									0.80	
27	X	24	1,097,000		0.80									0.50	
28	X	24	1,031,000		1.40									1.00	
29	X	24	873,000		1.40									1.10	
30		24	610,000												
31	X	24	610,000		1.10									0.80	
Total			29,028,000												
Average			936,387												
Maximum			1,239,000												

* Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: June 2010

A. Public Water System (PWS) Information

PWS Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES		PWS Identification Number: 6422679	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 1,600		Total Population Served at End of Month: 2,300	
PWS Owner: Rainbow Springs Limited			
Contact Person: Greg Gordon		Contact Person's Title: Manager	
Contact Person's Mailing Address: P.O. Box 1850		City: Dunnellon	State: FL Zip Code: 34430
Contact Person's Telephone Number: 352/489-9153		Contact Person's Fax Number:	
Contact Person's E-Mail Address:			

B. Water Treatment Plant Information

Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES		Plant Telephone Number: 352/489-9153	
Plant Address: Sw 196 Ave. Rd.		City: Dunnellon	State: FL Zip Code: 34432
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water			
Permitted Maximum Day Operating Capacity of Plant, gallons per day:			
Plant Category (per subsection 62-699.310(4), F.A.C.):		Plant Class (per subsection 62-699.310(4), F.A.C.):	
	Buddy Morris	C	6941

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

7/7/10 Signature and Date	Buddy Morris Printed or Typed Name	C-6941 License Number
------------------------------	---------------------------------------	--------------------------

... PURCHASED FINISHED

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 6422679

Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES

III. Daily Data for the Month/Year of: June 2010

Means of Achieving Four-Log Virus Inactivation/Removal: * Free Chlorine Chlorine Dioxide Ozone Combined Chlorine (Chloramines)

Ultraviolet Radiation Other (Describe): Free Chlorine Combined Chlorine (Chloramines) Chlorine Dioxide

Type of Disinfectant Residual Maintained in Distribution System: Free Chlorine Combined Chlorine (Chloramines) Chlorine Dioxide

Days
Plant
Staffed
Monitored
Visited
by
Operator
(Place
"X")

X	24	730,000	1.20							0.90
X	24	985,000	1.20							0.90
X	24	1,129,000	1.10							0.80
X	24	900,000	1.30							0.90
X	24	1,035,000	1.00							0.70
	24	1,014,000								0.50
X	24	1,014,000	0.80							0.50
X	24	756,000	0.80							0.70
X	24	1,022,000	1.00							0.70
X	24	1,285,000	1.00							0.50
X	24	965,000	0.80							0.90
X	24	1,223,000	1.20							
	24	1,138,000								0.70
X	24	1,137,000	1.00							0.70
X	24	954,000	1.00							0.70
X	24	1,272,000	1.00							0.70
X	24	1,260,000	1.00							0.60
X	24	860,000	0.90							0.90
X	24	835,000	1.20							
	24	808,000								0.90
X	24	808,000	1.20							0.80
X	24	595,000	1.10							0.80
X	24	898,000	1.10							0.80
X	24	1,144,000	1.10							0.70
X	24	898,000	1.00							0.70
X	24	1,110,000	1.00							
	24	899,000								0.70
X	24	899,000	1.00							0.70
X	24	678,000	1.00							0.70
X	24	875,000	1.00							
	24									
		29,126,000								
		970,866								
		1,285,000								

Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Reporting Month: July 2010

A. Public Water System (PWS) Information

PWS Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES PWS Identification Number: 6422679

PWS Type: Community Non-Transient Non-Community Transient Non-Community Consecutive

Number of Service Connections at End of Month: 1,600 Total Population Served at End of Month: 2,300

PWS Owner: Rainbow Springs Limited

Contact Person: Greg Gordon Contact Person's Title: Manager

Contact Person's Mailing Address: P.O. Box 1850 City: Dunelton State: FL Zip Code: 34430

Contact Person's Telephone Number: 352/489-9153 Contact Person's Fax Number:

Contact Person's E-Mail Address:

B. Water Treatment Plant Information

Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES Plant Telephone Number: 352/489-9153

Plant Address: Sw 196 Ave. Rd. City: Dunelton State: FL Zip Code: 34432

Type of Water Treated by Plant: Raw Ground Water Purchased Finished Water

Permitted Maximum Dry Operating Capacity of Plant, gallons per day:

Plant Category (per subsection 62-699.31(4), F.A.C.): Plant Class (per subsection 62-699.31(4), F.A.C.):

Buddy Morris	C	6941	

II. Certification by Lead Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Buddy Morris 8/5/10 Buddy Morris C-6941
 Signature and Date Printed or Typed Name License Number

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 6422679

Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES

III. Disinfection Residuals: July 2010

Means of Achieving Four-Log Virus Inactivation/Removal: Free Chlorine Chlorine Dioxide Ozone Combined Chlorine (Chloramines)

Ultraviolet Radiation Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: Free Chlorine Combined Chlorine (Chloramines) Chlorine Dioxide

Day	Time	Volume	Free Chlorine	Chlorine Dioxide	Ozone	Combined Chlorine (Chloramines)	Chlorine Dioxide
X	24	704,000	0.80				0.50
X	24	502,000	1.00				0.70
X	24	677,000	1.10				0.80
	24	529,000					
X	24	529,000	1.10				0.80
X	24	564,000	1.10				0.80
X	24	683,000	1.00				0.70
X	24	753,000	0.80				0.50
X	24	751,000	1.00				0.70
X	24	996,000	1.00				0.70
	24	871,000					
X	24	870,000	1.20				0.80
X	24	781,000	0.90				0.60
X	24	1,042,000	1.10				0.80
X	24	1,083,000	1.10				0.70
X	24	724,000	1.20				0.80
X	24	1,034,000	1.20				0.90
	24	1,004,700					
X	24	1,004,700	0.80				0.50
X	24	970,000	0.80				0.50
X	24	1,127,000	1.00				0.70
X	24	1,214,000	1.10				0.80
X	24	963,000	1.30				1.00
X	24	1,149,000	0.90				0.60
	24	1,031,000					
X	24	1,030,000	0.70				0.50
X	24	766,000	0.70				0.50
X	24	1,182,000	1.10				0.80
X	24	1,151,000	1.00				0.70
X	24	1,151,000	1.30				0.90
X	24	1,111,000	1.10				0.80
		27,851,400					
		850,432					
		1,214,000					

* Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

August 2010			
A. Public Water System (PWS) Information			
PWS Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES			PWS Identification Number: 6422679
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 1,600		Total Population Served at End of Month: 2,300	
PWS Owner: Rainbow Springs Limited			
Contact Person: Greg Gordon		Contact Person's Title: Manager	
Contact Person's Mailing Address: P.O. Box 1850		City: Dunnellon	State: FL Zip Code: 34430
Contact Person's Telephone Number: 352/489-9153		Contact Person's Fax Number:	
Contact Person's E-Mail Address:			
B. Water Treatment Plant Information			
Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES			Plant Telephone Number: 352/489-9153
Plant Address: Sw 196 Ave. Rd.			City: Dunnellon State: FL Zip Code: 34432
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water			
Permitted Maximum Day Operating Capacity of Plant, gallons per day:			
Plant Category (per subsection 62-699.310(4), F.A.C.):			Plant Class (per subsection 62-699.310(4), F.A.C.):
	Buddy Morris	C	6941

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them together with copies of this report, at a convenient location for at least ten years.

Buddy Morris 9/8/10 Buddy Morris C-6941
 Signature and Date Printed or Typed Name License Number

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 6422679

Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES

Free Chlorine
 Chlorine Dioxide
 Ozone
 Combined Chlorine (Chloramines)

Means of Achieving Four-Log Virus Inactivation/Removal: *

Ultraviolet Radiation
 Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System:
 Free Chlorine
 Combined Chlorine (Chloramines)
 Chlorine Dioxide

Days Since Last Visit	Plant	Flow (MGD)	Chlorine (mg/L)	Chlorine Dioxide (mg/L)	Ozone (mg/L)	Combined Chlorine (mg/L)	Chlorine Dioxide (mg/L)
X	24	1,023,000	1.30				0.90
X	24	1,023,000	1.30				0.90
X	24	638,000	1.10				0.70
X	24	961,000	1.00				0.70
X	24	1,159,000	1.10				0.90
X	24	930,000	0.90				0.70
X	24	1,006,000	1.00				0.70
X	24	691,000	1.00				0.70
X	24	690,000	1.00				0.90
X	24	621,000	0.90				0.90
X	24	694,000	0.90				0.60
X	24	829,000	0.90				0.60
X	24	587,000	0.90				0.70
X	24	867,000	0.60				0.70
X	24	899,000	1.00				0.70
X	24	896,000	1.00				0.70
X	24	839,000	1.00				0.90
X	24	731,000	0.90				0.70
X	24	872,000	1.00				0.40
X	24	802,000	0.70				0.90
X	24	930,000	0.80				0.60
X	24	740,000	0.90				0.60
X	24	739,000	0.90				0.60
X	24	593,000	0.90				0.60
X	24	555,000	0.90				0.50
X	24	639,000	0.80				0.50
X	24	546,000	0.80				0.50
X	24	621,000	0.80				0.50
X	24	663,000	0.90				0.60
X	24	662,000	0.80				0.50
X	24	733,000	0.80				0.50
		24,184,000					
		780,129					
		1,159,000					

* Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

Report Period: <u>September 2010</u>																																											
A. Public Water System (PWS) Information																																											
PWS Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES PWS Identification Number: 6422679																																											
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive																																											
Number of Service Connections at End of Month: 1,600 Total Population Served at End of Month: 2,300																																											
PWS Owner: Rainbow Springs Limited																																											
Contact Person: Greg Gordon	Contact Person's Title: Manager																																										
Contact Person's Mailing Address: P.O. Box 1850	City: Dunnellon State: FL Zip Code: 34430																																										
Contact Person's Telephone Number: 352/489-9153	Contact Person's Fax Number:																																										
Contact Person's E-Mail Address:																																											
B. Water Treatment Plant Information																																											
Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES Plant Telephone Number: 352/489-9153																																											
Plant Address: Sw 196 Ave. Rd. City: Dunnellon State: FL Zip Code: 34432																																											
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water																																											
Permitted Maximum Day Operating Capacity of Plant, gallons per day:																																											
Plant Category (per subsection 62-699.310(4), F.A.C.): Plant Class (per subsection 62-699.310(4), F.A.C.):																																											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Buddy Morris</td> <td style="width: 10%;">C</td> <td style="width: 10%;">6941</td> <td style="width: 30%;"></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>	Buddy Morris	C	6941																																								
Buddy Morris	C	6941																																									

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain such, together with copies of this report, at a convenient location for at least ten years.

	10/7/10	Buddy Morris	C-6941
Signature and Date		Printed or Typed Name	License Number

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 6422679 Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES

Reporting Period: **September 2010**

Means of Achieving Four-Log Virus Inactivation/Removal: * Free Chlorine Chlorine Dioxide Ozone Combined Chlorine (Chloramines)
 Ultraviolet Radiation Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: Free Chlorine Combined Chlorine (Chloramines) Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions: Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations					UV Dose						
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm ²	Minimum UV Dose Required, mW-sec/cm ²			
1	X	24	946,000		0.90									0.60	
2	X	24	1,047,000		0.80									0.50	
3	X	24	871,000		0.80									0.50	
4	X	24	1,106,000		0.80									0.50	
5		24	871,000												
6	X	24	871,000		1.00									0.70	
7	X	24	854,000		0.90									0.60	
8	X	24	786,000		1.30									0.90	
9	X	24	1,023,000		1.20									0.90	
10	X	24	357,000		1.00									0.70	
11	X	24	832,000		1.10									0.80	
12		24	924,000												
13	X	24	923,000		1.30									0.90	
14	X	24	902,000		1.40									1.00	
15	X	24	1,069,000		1.00									0.70	
16	X	24	1,187,000		1.00									0.70	
17	X	24	932,000		0.70									0.50	
18	X	24	1,200,000		1.10									0.80	
19		24	1,039,000												
20	X	24	1,038,000		0.70									0.50	
21	X	24	917,000		0.70									0.50	
22	X	24	1,065,000		1.10									0.80	
23	X	24	1,154,000		1.00									0.70	
24	X	24	973,000		1.30									1.00	
25	X	24	863,000		1.30									1.00	
26		24	789,000												
27	X	24	789,000		1.00									0.70	
28	X	24	640,000		1.10									0.70	
29	X	24	814,000		0.70									0.50	
30	X	24	987,000		1.00									0.70	
31		24													
Total			28,095,000												
Average			936,500												
Maximum			1,200,000												

* Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

Reporting Period: **October 2010**

A. Public Water System (PWS) Information

PWS Name: **RADNBOW SPRINGS COUNTRY CLUB ESTATES** PWS Identification Number: **6422679**

PWS Type: Community Non-Transient Non-Community Transient Non-Community Consecutive

Number of Service Connections at End of Month: **1,600** Total Population Served at End of Month: **2,300**

PWS Owner: **Rainbow Springs Limited**

Contact Person: **Greg Gordon**

Contact Person's Mailing Address: **P.O. Box 1850** Contact Person's Title: **Manager**

Contact Person's Telephone Number: **352/489-9153** City: **Dunnellon** State: **FL** Zip Code: **34430**

Contact Person's E-Mail Address: Contact Person's Fax Number:

B. Water Treatment Plant Information

Plant Name: **RAINBOW SPRINGS COUNTRY CLUB ESTATES**

Plant Address: **Sw 196 Ave Rd.** City: **Dunnellon** Plant Telephone Number: **352/489-9153**

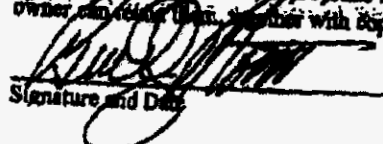
Type of Water Treated by Plant: Raw Ground Water Purchased Finished Water State: **FL** Zip Code: **34432**

Permitted Maximum Day Operating Capacity of Plant, gallons per day:

Plant Category (per subsection 62-699.310(4), F.A.C.): Plant Class (per subsection 62-699.310(4), F.A.C.):

Buddy Morris	C	6941

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner or the PWS owner can refer to them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date:  11/5/10 Buddy Morris
Printed or Typed Name License Number: C-6941

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 6422679

Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES

III Date Data for Reporting: October 2010

Means of Achieving Four-Log Virus Inactivation/Removal: *

Ultraviolet Radiation Other (Describe): Free Chlorine Chlorine Dioxide Ozone Combined Chlorine (Chloramines)

Type of Disinfectant Residual Maintained in Distribution System:

Free Chlorine Combined Chlorine (Chloramines) Chlorine Dioxide

Day	Volume (gallons)	Residual (mg/L)	Chlorine Dioxide (mg/L)	Ozone (mg/L)	Combined Chlorine (mg/L)	Chlorine Dioxide (mg/L)
X	24	757,000		0.90		
X	24	1,010,000		0.90		
	24	982,000				0.60
X	24	982,000				0.60
X	24	858,000		1.40		
X	24	1,078,000		1.20		1.10
X	24	1,139,000		0.70		0.90
X	24	898,000		0.70		0.50
X	24	1,103,000		0.60		0.50
	24	1,023,000		0.90		0.40
X	24	1,022,000				0.60
X	24	938,000		0.60		
X	24	1,044,000		0.90		0.40
X	24	1,171,000		1.00		0.60
X	24	839,000		1.00		0.60
X	24	1,123,000		1.10		0.70
	24	1,021,000		1.20		0.70
X	24	1,024,000				0.90
X	24	824,000		1.10		
X	24	1,193,000		1.30		0.70
X	24	1,158,000		1.30		0.70
X	24	930,000		1.30		0.90
X	24	1,058,000		1.20		0.90
	24	1,035,000		1.30		0.80
X	24	1,024,000				1.20
X	24	817,000		1.30		
X	24	1,063,000		1.40		0.90
X	24	1,089,000		1.10		1.00
X	24	829,000		1.00		0.70
X	24	1,050,000		0.80		0.60
	24	1,002,000		0.90		0.50
		31,090,000				0.60
		1,002,903				
		1,193,000				

* Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

General Information for this Report		November 2010	
A. Public Water System (PWS) Information			PWS Identification Number: 6422679
PWS Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES			
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive		Total Population Served at End of Month: 2,300	
Number of Service Connections at End of Month: 1,600			
PWS Owner: Rainbow Springs Limited			
Contact Person: Greg Gordon		Contact Person's Title: Manager	
Contact Person's Mailing Address: P.O. Box 1830		City: Dunellon	State: FL Zip Code: 34430
Contact Person's Telephone Number: 352/489-9153		Contact Person's Fax Number:	
Contact Person's E-Mail Address:			
B. Water Treatment Plant Information			Plant Telephone Number: 352/489-9153
Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES			City: Dunellon State: FL Zip Code: 34432
Plant Address: Sw 196 Ave. Rd.			
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water			
Permitted Maximum Day Operating Capacity of Plant, gallons per day:			Plant Class (per subsection 62-699.310(4), F.A.C.):
Plant Category (per subsection 62-699.310(4), F.A.C.):			
Buddy Morris	C	6941	

I, the undersigned, licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. I also certify that I have provided these additional operations records to the PWS owner and to the FDEP with copies of this report, at a convenient location for at least one year.

	12/8/10	Buddy Morris	C-6941
Signature and Date		Printed or Typed Name	License Number

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 6422679 Plant Name: RAINBOW SPRINGS COUNTRY CLUB BSTATES

III. DISINFECTANTS FOR WATER TREATMENT: **November 2010**

Means of Achieving Four-Log Virus Inactivation/Removal: * Free Chlorine Chlorine Dioxide Ozone Combined Chlorine (Chloramines)

Ultraviolet Radiation Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: Free Chlorine Combined Chlorine (Chloramines) Chlorine Dioxide

Day	Volume (gallons)	Free Chlorine (mg/L)	Chlorine Dioxide (mg/L)	Ozone (mg/L)	Combined Chlorine (mg/L)	Chlorine Dioxide (mg/L)
X	24	1,092,000		1.20		0.60
X	24	839,000		1.20		0.60
X	24	731,000		1.10		0.70
X	24	756,000		1.20		0.60
X	24	543,000		1.10		0.70
X	24	775,000		1.00		0.60
	24	795,000				
X	24	794,000		1.00		0.60
X	24	788,000		0.90		0.60
X	24	936,000		1.00		0.60
X	24	1,044,000		1.00		0.60
X	24	812,000		1.00		0.60
X	24	996,000		1.00		0.60
	24	898,000				
X	24	898,000		1.00		0.60
X	24	775,000		0.90		0.50
X	24	457,000		1.00		0.70
X	24	936,000		1.20		0.90
X	24	446,000		1.10		0.70
X	24	1,035,000		1.00		0.60
	24	741,000				
X	24	761,000		1.00		0.60
X	24	722,000		1.00		0.60
X	24	791,000		1.20		0.80
	24	859,000				
X	24	859,000		1.10		0.70
X	24	1,069,000		1.10		0.70
	24	792,000				
X	24	791,000		1.10		0.70
X	24	790,000		1.20		0.80
	24					
		24,413,000				
		813,766				
		1,069,000				

* Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

II. General Information **Reporting Month:** December 2010

A. Public Water System (PWS) Information

PWS Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES		PWS Identification Number: 6422679	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 1,600		Total Population Served at End of Month: 2,300	
PWS Owner: Rainbow Springs Limited			
Contact Person: Greg Gordon		Contact Person's Title: Manager	
Contact Person's Mailing Address: P.O. Box 1850		City: Dunnellon	State: FL Zip Code: 34430
Contact Person's Telephone Number: 352/489-9153		Contact Person's Fax Number:	
Contact Person's E-Mail Address:			

B. Water Treatment Plant Information

Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES		Plant Telephone Number: 352/489-9153	
Plant Address: Sw 196 Ave. Rd.		City: Dunnellon	State: FL Zip Code: 34432
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water			
Permitted Maximum Day Operating Capacity of Plant, gallons per day:			
Plant Category (per subsection 62-699.310(4), F.A.C.):		Plant Class (per subsection 62-699.310(4), F.A.C.):	

Buddy Morris	C	6941		

III. Certification of Accuracy of Information

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

	Buddy Morris	C-6941
Signature and Date	Printed or Typed Name	License Number

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 6422679

Plant Name: RAINBOW SPRINGS COUNTRY CLUB ESTATES

III. Plant Operation Data: Month Year: December 2010

Means of Achieving Four-Log Virus Inactivation/Removal: * Free Chlorine Chlorine Dioxide Ozone Combined Chlorine (Chloramines)
 Ultraviolet Radiation Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: Free Chlorine Combined Chlorine (Chloramines) Chlorine Dioxide

Days Plant Staffed	Volume Treated (MG)	Operator (Plant 'X')	Free Chlorine Residual (mg/L)	Chlorine Dioxide Residual (mg/L)	Ozone Residual (mg/L)	Combined Chlorine (Chloramines) Residual (mg/L)	Chlorine Dioxide Residual (mg/L)
X	24	808,000	0.50				0.50
X	24	832,000	1.00				0.90
X	24	602,000	1.00				0.70
X	24	240,000	0.80				0.50
	24	777,000					
X	24	777,000	1.10				0.90
X	24	631,000	1.10				0.80
X	24	634,000	1.20				0.80
X	24	741,000	1.40				0.90
X	24	671,000	1.10				0.70
X	24	772,000	1.30				0.90
	24	673,000					
X	24	672,000	1.10				0.70
X	24	631,000	1.00				0.70
X	24	571,000	0.90				0.60
X	24	639,000	1.20				0.80
X	24	667,000	1.10				0.70
X	24	732,000	1.00				0.70
	24	460,000					
X	24	659,000	1.20				0.90
X	24	582,000	1.20				0.70
X	24	571,000	1.00				0.70
X	24	712,000	1.30				0.80
X	24	573,000	1.10				0.70
X	24	716,000	1.10				0.70
	24	352,000					
X	24	352,000	1.20				0.80
X	24	543,000	1.20				0.90
X	24	349,000	1.30				0.90
X	24	395,000	0.90				0.60
X	24	447,000	0.80				0.50
		10,481,000					
		660,677					
		895,000					

* Refer to the instructions for this report to determine which plants must provide this information.

RAINBOW SPRINGS UTILITIES, LC
2010
DOMESTIC WASTEWATER FACILITY
DISCHARGE MONITORING REPORTS

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Rainbow Springs Utilities, L.C.
 MAILING ADDRESS: P.O Box 1850
 Dunnellon, FL 33540

PERMIT NUMBER: FLA012693
 LIMIT: Final
 CLASS SIZE: N/A
 PLANT SIZE: III/C
 MONITORING GROUP NUMBER: R-001 & R-002
 MONITORING GROUP DESC: R-001 & R-002, including Influent

REPORT: Monthly
 GROUP: Domestic
 Permit Exp. 4/18/2012

FACILITY: Rainbow Springs 5th Replat WWTF
 LOCATION: 19400 S.W. 193rd Court
 Dunnellon, FL 33542

COUNTY: Marion

NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: 1/1/2010 To 1/31/2010

Plant Size 0.230

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow, R-001	Sample Measurement	0.132	MGD			0	Monthly	Calculation
PARM Code 50050 Y Mon.Site No. FLW-01	Permit Requirement	0.230 (An.Avg.)	MGD				Monthly	Calculation
Flow, R-001	Sample Measurement	0.138	MGD			0	5/Days/Week	Flow Totalizer
PARM Code 50050 I Mon.Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow, R-002	Sample Measurement	0	MGD			0	Monthly	Calculation
PARM Code 50050 Y Mon.Site No. FLW-01	Permit Requirement	0.014 (An.Avg.)	MGD				Monthly	Calculation
Flow, R-002	Sample Measurement	0	MGD			0	5Days/Week	Flow Totalizer
PARM Code 50050 I Mon.Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement			1.5	MG/L	0	Monthly	Calculation
PARM Code 80082 Y Mon.Site No. EFA-01	Permit Requirement			20.0 (An.Avg.)	MG/L		Monthly	Calculation
BOD, Carbonaceous 5 day, 20C	Sample Measurement			1.18	MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 80082 A Mon.Site No. EFA-01	Permit Requirement			30.0 (Mo.Avg.)	MG/L		Every Two Weeks	8-hr. FPC
								60.0 (Max.)

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 (YY/MM/DD)
Len Taber	<i>Len Taber</i>	(352) 351-1338	10-7-10

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY:

Rainbow Springs 5th Replnt WWTF

MONITORING GROUP NUMBER: R-001 & S-002
MONITORING PERIOD From: 1/1/10 To: 1/31/10

PERMIT NUMBER: FLA012693

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement				1.7			MG/L	0	Monthly	Calculation
PARM Code 00530 Y Mon.Site No. EFA-01	Permit Requirement				20.0 (An.Avg.)			MG/L		Monthly	Calculation
Solids, Total Suspended	Sample Measurement				1.5	2.0		MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 00530 A Mon.Site No. EFA-01	Permit Requirement				30.0 (Mo.Avg.)	60.0 (Max.)		MG/L		Every Two Weeks	8-hr. FPC
pH	Sample Measurement				7.3	7.4		SU	0	5 Days/Week	Grab
PARM Code 00400 A Mon.Site No. EFA-01	Permit Requirement				6.0 (Min.)	8.5 (Max.)		SU		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement				1			#/100ML	0	Monthly	Calculation
PARM Code 74055 Y Mon.Site No. EFA-01	Permit Requirement				200 (An.Avg.)			#/100ML		Monthly	Calculation
Coliform, Fecal	Sample Measurement				1	1	<1	#/100ML	0	Every Two Weeks	Grab
PARM Code 74055 A Mon.Site No. EFA-01	Permit Requirement				Report (Mo.Geo.Mean)	400 (90%)	800 (Max.)	#/100ML		Every Two Weeks	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement				0.7			MG/L	0	5 Days/Week	Grab
PARM Code 50060 A Mon.Site No. EFA-01	Permit Requirement				0.5 (Min.)			MG/L		5 Days/Week	Grab
Nitrogen, Nitrate, Total (as NO3)	Sample Measurement				5.0			MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 71850 Mon.Site No.	Permit Requirement				12.0 (Max.)			MG/L		Every Two Weeks	8-hr. FPC
Flow	Sample Measurement	0.136	0.138	MGD					0	5 Days/Week	Flow Totalizer
PARM Code 50050 P Mon.Site No. FLW-01	Permit Requirement	0.230 (3-Mo.Avg.)	Report (Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement				60			PERCENT	0	Monthly	Calculation
PARM Code 00180 1 Mon.Site No. FLW-01	Permit Requirement				Report			PERCENT		Monthly	Calculation
BOD, Carbonaceous 5 day, 20C	Sample Measurement				286.59			MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 80082 G Mon.Site No. INF-01	Permit Requirement				Report (Mo.Avg.)			MG/L		Every Two Weeks	8-hr. FPC
Solids, Total Suspended	Sample Measurement				246.0			MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 00530 G Mon.Site No. INF-01	Permit Requirement				Report (Mo.Avg.)			MG/L		Every Two Weeks	8-hr. FPC

Permit Number:
Monitoring Period

FLA012693
From: 1/1/10 To: 1/31/10

DAILY SAMPLE RESULTS - PART B

Facility: Rainbow Springs 5th Replat WWTF

Code	Flow (MGD) (To R-001)	Flow (MGD) (To R-002)	Flow (MGD) (Total Plant)	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Nitrogen, Nitrate, Total (as N) (MG/L)	CBOD5 (MG/L)	TSS (MG/L)
Mon. Site	50050 FLW-01	50050 FLW-01	50050 FLW-01	80082 EFA-01	74055 EFA-01	00400 EFA-01	00530 EFA-01	50060 EFA-01	00620 EFA-01	80082 INF-01	00530 INF-01
1	.123					7.4		1.3			
2	.166					7.4		1.1			
3	.146										
4	.145					7.3		0.9			
5	.150				<1	7.4		1.1			
6	.137					7.4		1.2			
7	.117					7.4		1.0			
8	.131					7.3		1.1			
9	.150					7.4		1.0			
10	.145										
11	.144					7.4		0.8			
12	.146					7.3		0.7		276.67	262.0
13	.132			1.33		7.3	1.0	1.1	5.0		
14	.127					7.3		1.2			
15	.120					7.3		1.0			
16	.141					7.4		1.1			
17	.126										
18	.125					7.3		0.9			
19	.183					7.3		0.8			
20	.120					7.3		1.1			
21	.125				<1	7.4		0.9			
22	.147					7.3		1.1			
23	.139					7.3		1.0			
24	.151										
25	.151					7.3		0.8			
26	.123					7.4		1.1		296.5	230.0
27	.107			1.02		7.4	2.0	0.9	0.35		
28	.147					7.3		0.8			
29	.145					7.4		1.0			
30	.118					7.4		0.9			
31	.139										
Total											
Mo. Avg.	.138										

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____
 Evening Shift Operator Class: _____ Certificate No: _____ Name: _____
 Night Shift Operator Class: _____ Certificate No: _____ Name: _____
 Operator Class: C Certificate No: 7476 Name: Buddy Morris

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Rainbow Springs Utilities, L.C.
 MAILING ADDRESS: P.O Box 1850
 Dunnellon, FL 33540

PERMIT NUMBER: FLA012693

LIMIT: Final
 CLASS SIZE: N/A
 PLANT SIZE: III/C
 MONITORING GROUP NUMBER: R-001 & R-002
 MONITORING GROUP DESC: R-001 & R-002, including Influent

REPORT: Monthly
 GROUP: Domestic
 Permit Exp. 4/18/2012

FACILITY: Rainbow Springs 5th Replat WWTF
 LOCATION: 19400 S.W. 193rd Court
 Dunnellon, FL 33542

COUNTY: Marion

NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: 2/1/10 To 2/28/10 Plant Size 0.230

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Flow, R-001	Sample Measurement	0.132		MGD				0	Monthly	Calculation
PARM Code 50050 Y Mon.Site No. FLW-01	Permit Requirement	0.230 (An.Avg.)		MGD					Monthly	Calculation
Flow, R-001	Sample Measurement	0.138		MGD				0	5/Days/Week	Flow Totalizer
PARM Code 50050 1 Mon.Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)		MGD					5 Days/Week	Flow Totalizer
Flow, R-002	Sample Measurement	0		MGD				0	Monthly	Calculation
PARM Code 50050 Y Mon.Site No. FLW-01	Permit Requirement	0.014 (An.Avg.)		MGD					Monthly	Calculation
Flow, R-002	Sample Measurement	0		MGD				0	5Days/Week	Flow Totalizer
PARM Code 50050 1 Mon.Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)		MGD					5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement				1.37		MG/L	0	Monthly	Calculation
PARM Code 80082 Y Mon.Site No. EFA-01	Permit Requirement				20.0 (An.Avg.)		MG/L		Monthly	Calculation
BOD, Carbonaceous 5 day, 20C	Sample Measurement				1.08	1.1	MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 80082 A Mon.Site No. EFA-01	Permit Requirement				30.0 (Mo.Avg.)	60.0 (Max.)	MG/L		Every Two Weeks	8-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 (YY/MM/DD)
Len Talon	Len Talon	(352) 351-1338	10-3-13

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Rainbow Springs 5th Replat WWTF

MONITORING GROUP NUMBER: R-001 & R-002
 MONITORING PERIOD From: 2/1/10 To

PERMIT NUMBER: FLA012693
 2/28/10

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement				1.7			MGL	0	Monthly	Calculation
PARM Code 00530 Y Mon.Site No. EFA-01	Permit Requirement				20.0 (An.Avg.)			MGL		Monthly	Calculation
Solids, Total Suspended	Sample Measurement				1.0	1.0		MGL	0	Every Two Weeks	8-hr. FPC
PARM Code 00530 A Mon.Site No. EFA-01	Permit Requirement				30.0 (Mo.Avg.)	60.0 (Max.)		MGL		Every Two Weeks	8-hr. FPC
pH	Sample Measurement				7.3	7.4		SU	0	5 Days/Week	Grab
PARM Code 00400 A Mon.Site No. EFA-01	Permit Requirement				6.0 (Min.)	8.5 (Max.)		SU		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement				1			#/100ML	0	Monthly	Calculation
PARM Code 74055 Y Mon.Site No. EFA-01	Permit Requirement				200 (An.Avg.)			#/100ML		Monthly	Calculation
Coliform, Fecal	Sample Measurement				1	1	<1	#/100ML	0	Every Two Weeks	Grab
PARM Code 74055 A Mon.Site No. EFA-01	Permit Requirement				Report (Mo.Geo.Mean)	400 (90%)	800 (Max.)	#/100ML		Every Two Weeks	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement				0.8			MGL	0	5 Days/Week	Grab
PARM Code 50060 A Mon.Site No. EFA-01	Permit Requirement				0.5 (Min.)			MGL		5 Days/Week	Grab
Nitrogen, Nitrate, Total (as NO3)	Sample Measurement				0.8			MGL	0	Every Two Weeks	8-hr. FPC
PARM Code 71850 Mon.Site No.	Permit Requirement				12.0 (Max.)			MGL		Every Two Weeks	8-hr. FPC
Flow	Sample Measurement	0.137	0.138	MGD					0	5 Days/Week	Flow Totalizer
PARM Code 50050 P Mon.Site No. FLW-01	Permit Requirement	0.230 (3-Mo.Avg.)	Report (Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement				60			PERCENT	0	Monthly	Calculation
PARM Code 00180 I Mon.Site No. FLW-01	Permit Requirement				Report			PERCENT		Monthly	Calculation
BOD, Carbonaceous 5 day, 20C	Sample Measurement				320.7			MGL	0	Every Two Weeks	8-hr. FPC
PARM Code 80082 G Mon.Site No. INF-01	Permit Requirement				Report (Mo.Avg.)			MGL		Every Two Weeks	8-hr. FPC
Solids, Total Suspended	Sample Measurement				357.0			MGL	0	Every Two Weeks	8-hr. FPC
PARM Code 00530 G Mon.Site No. INF-01	Permit Requirement				Report (Mo.Avg.)			MGL		Every Two Weeks	8-hr. FPC

DAILY SAMPLE RESULTS - PART B

Permit Number:
Monitoring Period

FLA012693

From: 2/1/10 To: 2/28/10

Facility: Rainbow Springs 5th Replat WWTF

	Flow (MGD) (To R-001)	Flow (MGD) (To R-002)	Flow (MGD) (Total Plant)	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Nitrogen, Nitrate, Total (as N) (MG/L)	CBOD5 (MG/L)	TSS (MG/L)
Code	50050	50050	50050	80082	74055	00400	00530	50060	00620	80082	00530
Mon. Site	FLW-01	FLW-01	FLW-01	EFA-01	EFA-01	EFA-01	EFA-01	EFA-01	EFA-01	INF-01	INF-01
1	.139					7.3		1.0			
2	.143					7.3		1.2			
3	.145					7.4		1.0			
4	.114				<1	7.4		0.8			
5	.130					7.3		1.0			
6	.128					7.3		0.9			
7	.143										
8	.143					7.3		0.9			
9	.113					7.4		1.2		350.0	362.0
10	.133			1.05		7.4	1.0	1.0	0.8		
11	.145					7.3		0.9			
12	.160					7.3		1.0			
13	.149					7.4		1.0			
14	.133										
15	.133					7.4		0.8			
16	.131					7.4		1.0			
17	.146					7.3		1.3			
18	.128				<1	7.4		1.0			
19	.153					7.3		0.8			
20	.134					7.4		0.9			
21	.134										
22	.134					7.3		1.1			
23	.137					7.4		0.8		291.39	352.0
24	.136			1.1		7.4	1.0	1.0	0.51		
25	.141					7.4		0.8			
26	.147					7.3		1.0			
27	.125					7.4		0.9			
28	.143										
29											
30											
31											
Total											
Mo. Avg.	.138										

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: C Certificate No: 7476 Name: BUDDY MORRIS

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Rainbow Springs Utilities, L.C.
 MAILING ADDRESS: P.O Box 1850
 Dunnellon, FL 33540

FACILITY: Rainbow Springs 5th Replat WWTF
 LOCATION: 19400 S.W. 193rd Court
 Dunnellon, FL 33542

COUNTY: Marion

PERMIT NUMBER: FLA012693

LIMIT: Final
 CLASS SIZE: N/A
 PLANT SIZE: III/C
 MONITORING GROUP NUMBER: R-001 & R-002
 MONITORING GROUP DESC: R-001 & R-002, including Influent

REPORT: Monthly
 GROUP: Domestic
 Permit Exp. 4/18/2012

Plant Size 0.230

NO DISCHARGE FROM SITE: From: 3/1/10 To: 3/31/10

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow, R-001	Sample Measurement	0.132	MGD			<input type="radio"/>	Monthly	Calculation
PARM Code 50050 Y Mon.Site No. FLW-01	Permit Requirement	0.230 (An.Avg.)	MGD				Monthly	Calculation
Flow, R-001	Sample Measurement	0.141	MGD			<input type="radio"/>	5/Days/Week	Flow Totalizer
PARM Code 50050 1 Mon.Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow, R-002	Sample Measurement	0	MGD			<input type="radio"/>	Monthly	Calculation
PARM Code 50050 Y Mon.Site No. FLW-01	Permit Requirement	0.014 (An.Avg.)	MGD				Monthly	Calculation
Flow, R-002	Sample Measurement	0	MGD			<input type="radio"/>	5Days/Week	Flow Totalizer
PARM Code 50050 1 Mon.Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement			1.35	MGL	<input type="radio"/>	Monthly	Calculation
PARM Code 80082 Y Mon.Site No. EFA-01	Permit Requirement			20.0 (An.Avg.)	MGL		Monthly	Calculation
BOD, Carbonaceous 5 day, 20C	Sample Measurement			1.16 1.52	MGL	<input type="radio"/>	Every Two Weeks	8-hr. FPC
PARM Code 80082 A Mon.Site No. EFA-01	Permit Requirement			30.0 (Mo.Avg.) 60.0 (Max.)	MGL		Every Two Weeks	8-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 (YY/MM/DD)
LEN TABOR	<i>Len Tabor</i>	(352) 351-1338	10-4-14

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

FACILITY:

Rainbow Springs 5th Replac WWTF

DISCHARGE MONITORING REPORT - PART A (Continued)

MONITORING GROUP NUMBER: R-001 & R-002

MONITORING PERIOD From: 3/1/10 To: 3/31/10

PERMIT NUMBER: FLA012693

Parameter	Sample Measurement	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended PARM Code 00530 Y Mon.Site No. EFA-01	Sample Measurement				1.7			MG/L	0	Monthly	Calculation
	Permit Requirement				20.0 (An.Avg.)			MG/L		Monthly	Calculation
Solids, Total Suspended PARM Code 00530 A Mon.Site No. EFA-01	Sample Measurement				1.75	2.5		MG/L	0	Every Two Weeks	8-hr. FPC
	Permit Requirement				30.0 (Mo.Avg.)	60.0 (Max.)		MG/L		Every Two Weeks	8-hr. FPC
pH PARM Code 00400 A Mon.Site No. EFA-01	Sample Measurement				7.3	7.4		SU	0	5 Days/Week	Grab
	Permit Requirement				6.0 (Min.)	8.5 (Max.)		SU		5 Days/Week	Grab
Coliform, Fecal PARM Code 74055 Y Mon.Site No. EFA-01	Sample Measurement				1			#/100ML	0	Monthly	Calculation
	Permit Requirement				200 (An.Avg.)			#/100ML		Monthly	Calculation
Coliform, Fecal PARM Code 74055 A Mon.Site No. EFA-01	Sample Measurement				1	1	<1	#/100ML	0	Every Two Weeks	Grab
	Permit Requirement				Report (Mo.Geo.Mean)	400 (90%)	800 (Max.)	#/100ML		Every Two Weeks	Grab
Total Residual Chlorine (For Disinfection) PARM Code 50060 A Mon.Site No. EFA-01	Sample Measurement				0.8			MG/L	0	5 Days/Week	Grab
	Permit Requirement				0.5 (Min.)			MG/L		5 Days/Week	Grab
Nitrogen, Nitrate, Total (as NO3) PARM Code 71850 Mon.Site No.	Sample Measurement				0.74			MG/L	0	Every Two Weeks	8-hr. FPC
	Permit Requirement				12.0 (Max.)			MG/L		Every Two Weeks	8-hr. FPC
Flow PARM Code 50050 P Mon.Site No. FLW-01	Sample Measurement	0.139	0.141	MGD					0	5 Days/Week	Flow Totalizer
	Permit Requirement	0.230 (3-Mo.Avg.)	Report (Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100 PARM Code 00180 I Mon.Site No. FLW-01	Sample Measurement				61			PERCENT	0	Monthly	Calculation
	Permit Requirement				Report					Monthly	Calculation
BOD, Carbonaceous 5 day, 20C PARM Code 80082 G Mon.Site No. INF-01	Sample Measurement				283.75			MG/L	0	Every Two Weeks	8-hr. FPC
	Permit Requirement				Report (Mo.Avg.)			MG/L		Every Two Weeks	8-hr. FPC
Solids, Total Suspended PARM Code 00530 G Mon.Site No. INF-01	Sample Measurement				306.0			MG/L	0	Every Two Weeks	8-hr. FPC
	Permit Requirement				Report (Mo.Avg.)			MG/L		Every Two Weeks	8-hr. FPC

DAILY SAMPLE RESULTS - PART B

 Permit Number:
Monitoring Period

FLA012693

From:

3/1/10

To:

3/31/10

Facility:

Rainbow Springs 5th Replat WWTF

Code	Flow (MGD) (To R-001)	Flow (MGD) (To R-002)	Flow (MGD) (Total Plant)	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Nitrogen, Nitrate, Total (as N) (MG/L)	CBOD5 (MG/L)	TSS (MG/L)
Mon. Site	50050 FLW-01	50050 FLW-01	50050 FLW-01	80082 EFA-01	74055 EFA-01	00400 EFA-01	00530 EFA-01	50060 EFA-01	00620 EFA-01	80082 INF-01	00530 INF-01
1	.142				<1	7.3		1.1			
2	.122					7.3		0.9			
3	.156					7.4		1.3			
4	.136					7.4		1.1			
5	.164					7.3		0.9			
6	.151					7.4		1.0			
7	.131										
8	.131					7.3		1.0			
9	.124					7.4		1.2			
10	.137			1.52		7.4	2.5	0.9	0.74	285.78	268.0
11	.124					7.3		1.0			
12	.181					7.3		0.9			
13	.152					7.4		1.1			
14	.136										
15	.135					7.4		1.1			
16	.133					7.3		1.0			
17	.135					7.3		0.8			
18	.135				<1	7.4		1.0			
19	.145					7.4		0.9			
20	.137					7.4		1.0			
21	.140										
22	.139					7.3		0.9			
23	.143					7.3		1.3			
24	.123			0.79		7.4	<1	1.0	0.25	281.71	344.1
25	.153					7.4		0.9			
26	.147					7.3		1.1			
27	.132					7.3		1.0			
28	.150										
29	.150					7.4		0.8			
30	.135					7.4		1.0			
31	.126					7.3		1.0			
Total											
Mo. Avg.	.141										

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:

C

7476

BUDDY MORRIS

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Rainbow Springs Utilities, L.C.
 MAILING ADDRESS: P.O Box 1850
 Dunnellon, FL 33540

PERMIT NUMBER: FLA012693

FACILITY: Rainbow Springs 5th Replat WWTF
 LOCATION: 19400 S.W. 193rd Court
 Dunnellon, FL 33542

LIMIT: Final
 CLASS SIZE: N/A
 PLANT SIZE: III/C
 MONITORING GROUP NUMBER: R-001 & R-002
 MONITORING GROUP DESC: R-001 & R-002, including Influent

REPORT: Monthly Domestic
 GROUP: Permit Exp. 4/18/2012

COUNTY: Marion

NO DISCHARGE FROM SITE: 4/1/10 To 4/30/10
 MONITORING PERIOD

Plant Size 0.230

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow, R-001	Sample Measurement	0.131	MGD			0	Monthly	Calculation
PARAM Code 50050 Y Mon.Site No. FLW-01	Permit Requirement	0.230 (An.Avg.)	MGD				Monthly	Calculation
Flow, R-001	Sample Measurement	0.134	MGD			0	5/Days/Week	Flow Totalizer
PARAM Code 50050 I Mon.Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow, R-002	Sample Measurement	0	MGD			0	Monthly	Calculation
PARAM Code 50050 Y Mon.Site No. FLW-01	Permit Requirement	0.014 (An.Avg.)	MGD				Monthly	Calculation
Flow, R-002	Sample Measurement	0	MGD			0	5Days/Week	Flow Totalizer
PARAM Code 50050 I Mon.Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement			1.38	MG/L	0	Monthly	Calculation
PARAM Code 80082 Y Mon.Site No. EFA-01	Permit Requirement			20.0 (An.Avg.)	MG/L		Monthly	Calculation
BOD, Carbonaceous 5 day, 20C	Sample Measurement			1.74	MG/L	0	Every Two Weeks	8-hr. FPC
PARAM Code 80082 A Mon.Site No. EFA-01	Permit Requirement			30.0 (Mo.Avg.)	MG/L		Every Two Weeks	8-hr. FPC
				1.98	MG/L			
				60.0 (Max.)	MG/L			

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 (YY/MM/DD)
<u>Len Taber</u>	<u>Len Taber</u>	(352) 351-1338	10-05-13

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

FACILITY:

Rainbow Springs 5th Replat WWTF

DISCHARGE MONITORING REPORT - PART A (Continued)

MONITORING GROUP NUMBER: R-001 & R-002

MONITORING PERIOD From: 4/1/10 To

PERMIT NUMBER: FLA012693

Parameter	Sample Measurement	Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement			2.0	MG/L	0	Monthly	Calculation
PARM Code 00530 Y Mon.Site No. EFA-01	Permit Requirement			20.0 (An.Avg.)	MG/L		Monthly	Calculation
Solids, Total Suspended	Sample Measurement			5.0	MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 00530 A Mon.Site No. EFA-01	Permit Requirement			30.0 (Mo.Avg.)	MG/L		Every Two Weeks	8-hr. FPC
pH	Sample Measurement			7.3	SU	0	5 Days/Week	Grab
PARM Code 00400 A Mon.Site No. EFA-01	Permit Requirement			6.0 (Min.)	SU		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement			1	#/100ML	0	Monthly	Calculation
PARM Code 74055 Y Mon.Site No. EFA-01	Permit Requirement			200 (An.Avg.)	#/100ML		Monthly	Calculation
Coliform, Fecal	Sample Measurement			1	#/100ML	0	Every Two Weeks	Grab
PARM Code 74055 A Mon.Site No. EFA-01	Permit Requirement			Report (Mo.Geo.Mean)	#/100ML		Every Two Weeks	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			0.7	MG/L	0	5 Days/Week	Grab
PARM Code 50060 A Mon.Site No. EFA-01	Permit Requirement			0.5 (Min.)	MG/L		5 Days/Week	Grab
Nitrogen, Nitrate, Total (as NO3)	Sample Measurement			0.57	MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 71850 Mon.Site No.	Permit Requirement			12.0 (Max.)	MG/L		Every Two Weeks	8-hr. FPC
Flow	Sample Measurement	0.138	0.134	MGD		0	5 Days/Week	Flow Totalizer
PARM Code 50050 P Mon.Site No. FLW-01	Permit Requirement	0.230 (3-Mo.Avg.)	Report (Mo.Avg.)	MGD			5 Days/Week	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement			60	PERCENT	0	Monthly	Calculation
PARM Code 00180 I Mon.Site No. FLW-01	Permit Requirement			Report	PERCENT		Monthly	Calculation
BOD, Carbonaceous 5 day, 20C	Sample Measurement			261.89	MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 80082 G Mon.Site No. INF-01	Permit Requirement			Report (Mo.Avg.)	MG/L		Every Two Weeks	8-hr. FPC
Solids, Total Suspended	Sample Measurement			332.0	MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 00530 G Mon.Site No. INF-01	Permit Requirement			Report (Mo.Avg.)	MG/L		Every Two Weeks	8-hr. FPC

DAILY SAMPLE RESULTS - PART B

Permit Number:
Monitoring Period

FLA012693
From: 4/1/10

To: 4/30/10

Facility: Rainbow Springs 5th Replat WWTF

	Flow (MGD) (To R-001)	Flow (MGD) (To R-002)	Flow (MGD) (Total Plant)	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Nitrogen, Nitrate, Total (as N) (MG/L)	CBOD5 (MG/L)	TSS (MG/L)
Code	50050	50050	50050	80082	74055	00400	00530	50060	00620	80082	00530
Mon. Site	FLW-01	FLW-01	FLW-01	EFA-01	EFA-01	EFA-01	EFA-01	EFA-01	EFA-01	INF-01	INF-01
1	.155				<1	7.4		0.8			
2	.147					7.4		1.0			
3	.131					7.4		0.9			
4	.145										
5	.145					7.3		0.9			
6	.133					7.3		1.1		265.94	348.0
7	.134			1.98		7.4	7.5	0.9	0.57		
8	.146					7.3		0.8			
9	.147					7.3		1.0			
10	.147					7.4		0.9			
11	.133										
12	.133					7.3		0.8			
13	.132					7.4		1.1			
14	.119				<1	7.4		1.0			
15	.124					7.3		0.7			
16	.124					7.3		1.2			
17	.131					7.4		1.1			
18	.134										
19	.134					7.3		0.9			
20	.136					7.4		1.3		257.83	316.0
21	.132			1.49		7.4	2.5	1.0	0.37		
22	.142					7.3		0.7			
23	.135					7.3		1.1			
24	.135					7.4		1.0			
25	.131										
26	.131					7.3		1.2			
27	.130					7.3		0.9			
28	.123					7.4		1.0			
29	.119					7.4		0.9			
30	.112					7.3		1.0			
31											
Total											
Mo. Avg.	.134										

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: C Certificate No: 7476 Name: Buddy Morris

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Rainbow Springs Utilities, L.C.
 MAILING ADDRESS: P.O Box 1850
 Dunnellon, FL 33540

FACILITY: Rainbow Springs 5th Replat WWTP
 LOCATION: 19400 S.W. 193rd Court
 Dunnellon, FL 33542

COUNTY: Marion

PERMIT NUMBER: FLA012693

LIMIT: Final
 CLASS SIZE: N/A
 PLANT SIZE: III/C
 MONITORING GROUP NUMBER: R-001 & R-002
 MONITORING GROUP DESC: R-001 & R-002, including Influent

REPORT: Monthly
 GROUP: Domestic

Permit Exp. 4/18/2012

Plant Size 0.230

NO DISCHARGE FROM SITE: From: 5/1/10 To 5/31/10

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Flow, R-001	Sample Measurement	0.131		MGD				0	Monthly	Calculation
PARM Code 50050 Y	Permit Requirement	0.230		MGD					Monthly	Calculation
Mon.Site No. FLW-01		(An.Avg.)								
Flow, R-001	Sample Measurement	0.127		MGD				0	5/Days/Week	Flow Totalizer
PARM Code 50050 I	Permit Requirement	Report		MGD					5 Days/Week	Flow Totalizer
Mon.Site No. FLW-01		(Mo.Avg.)								
Flow, R-002	Sample Measurement	0		MGD				0	Monthly	Calculation
PARM Code 50050 Y	Permit Requirement	0.014		MGD					Monthly	Calculation
Mon.Site No. FLW-01		(An.Avg.)								
Flow, R-002	Sample Measurement	0		MGD				0	5Days/Week	Flow Totalizer
PARM Code 50050 I	Permit Requirement	Report		MGD					5 Days/Week	Flow Totalizer
Mon.Site No. FLW-01		(Mo.Avg.)								
BOD, Carbonaceous 5 day, 20C	Sample Measurement				1.5		MGL	0	Monthly	Calculation
PARM Code 80082 Y	Permit Requirement				20.0		MGL		Monthly	Calculation
Mon.Site No. EFA-01					(An.Avg.)					
BOD, Carbonaceous 5 day, 20C	Sample Measurement				3.74	5.18	MGL	0	Every Two Weeks	8-hr. FPC
PARM Code 80082 A	Permit Requirement				30.0	60.0	MGL		Every Two Weeks	8-hr. FPC
Mon.Site No. EFA-01					(Mo.Avg.)	(Max.)				

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 (YY/MM/DD)
LEN TABOR	Len Tabor	(352) 351-1338	10-06-13

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Rainbow Springs 5th Replat WWTF

MONITORING GROUP NUMBER: R-001 & R-002
 MONITORING PERIOD From: 5/1/10 To: 5/31/10

PERMIT NUMBER: FLA012693

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement				2.1			MG/L	0	Monthly	Calculation
PARM Code 00530 Y Mon.Site No. EFA-01	Permit Requirement				20.0 (An.Avg.)			MG/L		Monthly	Calculation
Solids, Total Suspended	Sample Measurement				2.25	3.5		MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 00530 A Mon.Site No. EFA-01	Permit Requirement				30.0 (Mo.Avg.)	60.0 (Max.)		MG/L		Every Two Weeks	8-hr. FPC
pH	Sample Measurement				7.3	7.4		SU	0	5 Days/Week	Grab
PARM Code 00400 A Mon.Site No. EFA-01	Permit Requirement				6.0 (Min.)	8.5 (Max.)		SU		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement				1			#/100ML	0	Monthly	Calculation
PARM Code 74055 Y Mon.Site No. EFA-01	Permit Requirement				200 (An.Avg.)			#/100ML		Monthly	Calculation
Coliform, Fecal	Sample Measurement				1	1	<1	#/100ML	0	Every Two Weeks	Grab
PARM Code 74055 A Mon.Site No. EFA-01	Permit Requirement				Report (Mo.Geo.Mean)	400 (90%)	800 (Max.)	#/100ML		Every Two Weeks	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement				0.7			MG/L	0	5 Days/Week	Grab
PARM Code 50060 A Mon.Site No. EFA-01	Permit Requirement				0.5 (Min.)			MG/L		5 Days/Week	Grab
Nitrogen, Nitrate, Total (as NO3)	Sample Measurement				0.29			MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 71850 Mon.Site No.	Permit Requirement				12.0 (Max.)			MG/L		Every Two Weeks	8-hr. FPC
Flow	Sample Measurement	0.134	0.127	MGD					0	5 Days/Week	Flow Totalizer
PARM Code 50050 P Mon.Site No. FLW-01	Permit Requirement	0.230 (3-Mo.Avg.)	Report (Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement				59			PERCENT	0	Monthly	Calculation
PARM Code 00180 1 Mon.Site No. FLW-01	Permit Requirement				Report			PERCENT		Monthly	Calculation
BOD, Carbonaceous 5 day, 20C	Sample Measurement				277.86			MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 80082 G Mon.Site No. INF-01	Permit Requirement				Report (Mo.Avg.)			MG/L		Every Two Weeks	8-hr. FPC
Solids, Total Suspended	Sample Measurement				305.0			MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 00530 G Mon.Site No. INF-01	Permit Requirement				Report (Mo.Avg.)			MG/L		Every Two Weeks	8-hr. FPC

DAILY SAMPLE RESULTS - PART B

Permit Number:
Monitoring Period

FLA012693

From: 5/1/10 To: 5/31/10

Facility: Rainbow Springs 5th Replat WWTF

Code	Flow (MGD) (To R-001)	Flow (MGD) (To R-002)	Flow (MGD) (Total Plant)	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Nitrogen, Nitrate, Total (as N) (MG/L)	CBOD5 (MG/L)	TSS (MG)
Mon. Site	50050 FLW-01	50050 FLW-01	50050 FLW-01	80082 EFA-01	74055 EFA-01	00400 EFA-01	00530 EFA-01	50060 EFA-01	00620 EFA-01	80082 INF-01	00530 INF-01
1	.132					7.4		0.9			
2	.130										
3	.129				<1	7.3		0.8			
4	.137					7.4		1.1		259.72	296.0
5	.153			2.3		7.3	<1	1.0	0.29		
6	.122					7.3		0.9			
7	.122					7.3		0.8			
8	.131					7.4		0.9			
9	.127										
10	.127					7.3		0.9			
11	.119					7.4		0.8			
12	.126				<1	7.3		1.1			
13	.115					7.3		0.9			
14	.144					7.4		0.8			
15	.130					7.4		0.9			
16	.124										
17	.123					7.3		1.0			
18	.110					7.4		0.7		296.0	314.0
19	.134			5.18		7.3	3.5	0.9	0.24		
20	.110					7.3		1.1			
21	.131					7.4		1.0			
22	.125					7.4		1.0			
23	.130										
24	.129					7.3		0.8			
25	.134					7.4		1.0			
26	.123					7.4		0.8			
27	.109					7.3		1.2			
28	.126					7.4		1.0			
29	.124					7.4		0.9			
30	.131										
31	.130					7.3		1.3			
Total											
Mo. Avg.	.127										

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: C Certificate No: 7476 Name: Buddy Morris

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Rainbow Springs 5th Replat WWTF

MONITORING GROUP NUMBER: R-001 & R-002
 MONITORING PERIOD From: 6/1/10 To: 6/30/10

PERMIT NUMBER: FLA012693

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement				2.7			MG/L	0	Monthly	Calculation
PARM Code 00530 Y Mon. Site No. EFA-01	Permit Requirement				20.0 (An. Avg.)			MG/L		Monthly	Calculation
Solids, Total Suspended	Sample Measurement				6.67	13.0		MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 00530 A Mon. Site No. EFA-01	Permit Requirement				30.0 (Mo. Avg.)	60.0 (Max.)		MG/L		Every Two Weeks	8-hr. FPC
pH	Sample Measurement				7.3	7.4		SU	0	5 Days/Week	Grab
PARM Code 00400 A Mon. Site No. EFA-01	Permit Requirement				6.0 (Min.)	8.5 (Max.)		SU		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement				1			#/100ML	0	Monthly	Calculation
PARM Code 74055 Y Mon. Site No. EFA-01	Permit Requirement				200 (An. Avg.)			#/100ML		Monthly	Calculation
Coliform, Fecal	Sample Measurement				1	1	<1	#/100ML	0	Every Two Weeks	Grab
PARM Code 74055 A Mon. Site No. EFA-01	Permit Requirement				Report (Mo. Geo. Mean)	400 (90%)	800 (Max.)	#/100ML		Every Two Weeks	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement				0.7			MG/L	0	5 Days/Week	Grab
PARM Code 50060 A Mon. Site No. EFA-01	Permit Requirement				0.5 (Min.)			MG/L		5 Days/Week	Grab
Tot. Nitrogen, Nitrate, Total (as NO3)	Sample Measurement				1.06			MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 71850 Mon. Site No.	Permit Requirement				12.0 (Max.)			MG/L		Every Two Weeks	8-hr. FPC
Flow	Sample Measurement	0.127	0.120	MGD					0	5 Days/Week	Flow Totalizer
PARM Code 50050 P Mon. Site No. FLW-01	Permit Requirement	0.230 (3-Mo. Avg.)	Report (Mo. Avg.)	MGD						5 Days/Week	Flow Totalizer
Plant Capacity, ADF/Permitted Capacity) x	Sample Measurement				56			PERCENT	0	Monthly	Calculation
PARM Code 00180 I Site No. FLW-01	Permit Requirement				Report			PERCENT		Monthly	Calculation
5-day Carbonaceous, 20C	Sample Measurement				224.87			MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 80082 G Site No. INF-01	Permit Requirement				Report (Mo. Avg.)			MG/L		Every Two Weeks	8-hr. FPC
Total Suspended Solids	Sample Measurement				215.34			MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 00530 G Site No. INF-01	Permit Requirement				Report (Mo. Avg.)			MG/L		Every Two Weeks	8-hr. FPC

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Rainbow Springs Utilities, L.C.
 MAILING ADDRESS: P.O Box 1850
 Dunnellon, FL 33540

PERMIT NUMBER: FLA012693

LIMIT: Final
 CLASS SIZE: N/A
 PLANT SIZE: III/C
 MONITORING GROUP NUMBER: R-001 & R-002
 MONITORING GROUP DESC: R-001 & R-002, including Influent

REPORT: Monthly
 GROUP: Domestic

FACILITY: Rainbow Springs 5th Replat WWTF
 LOCATION: 19400 S.W. 193rd Court
 Dunnellon, FL 33542

Permit Exp. 4/18/2012

COUNTY: Marion

NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: 6/1/10 To 6/30/10
 Plant Size 0.230

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow, R-001	Sample Measurement	0.131	MGD			0	Monthly	Calculation
PARM Code 50050 Y Mon.Site No. FLW-01	Permit Requirement	0.230 (An.Avg.)	MGD				Monthly	Calculation
Flow, R-001	Sample Measurement	0.120	MGD			0	5/Days/Week	Flow Totalizer
PARM Code 50050 1 Mon.Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow, R-002	Sample Measurement	0	MGD			0	Monthly	Calculation
PARM Code 50050 Y Mon.Site No. FLW-01	Permit Requirement	0.014 (An.Avg.)	MGD				Monthly	Calculation
Flow, R-002	Sample Measurement	0	MGD			0	5Days/Week	Flow Totalizer
PARM Code 50050 1 Mon.Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.08	MG/L	0	Monthly	Calculation
PARM Code 80082 Y Mon.Site No. EFA-01	Permit Requirement			20.0 (An.Avg.)	MG/L		Monthly	Calculation
BOD, Carbonaceous 5 day, 20C	Sample Measurement			7.08 13.27	MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 80082 A Mon.Site No. EFA-01	Permit Requirement			30.0 (Mo.Avg.) 60.0 (Max.)	MG/L		Every Two Weeks	8-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 (YY/MM/DD)
LEW TABOR	<i>Lew Tabor</i>	(352) 351-1338	10-7-13

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DAILY SAMPLE RESULTS - PART B

 Permit Number:
Monitoring Period

FLA012693

 From: 6/1/10 To: 6/30/10

Facility: Rainbow Springs 5th Replat WWTF

	Flow (MGD) (To R-001)	Flow (MGD) (To R-002)	Flow (MGD) (Total Plant)	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Nitrogen, Nitrate, Total (as N) (MG/L)	CBOD5 (MG/L)	TSS (MG/L)
Code	50050	50050	50050	80082	74055	00400	00530	50060	00620	80082	00530
Mon. Site	FLW-01	FLW-01	FLW-01	EFA-01	EFA-01	EFA-01	EFA-01	EFA-01	EFA-01	BNF-01	BNF-01
1	.152				<1	7.3		0.7		159.67	282.0
2	.134			1.23		7.3	3.5	0.9	0.28		
3	.112					7.4		1.1			
4	.102					7.4		0.9			
5	.128					7.4		1.0			
6	.125										
7	.124					7.3		1.1			
8	.120					7.4		0.8			
9	.114				<1	7.4		0.9			
10	.112					7.3		0.8			
11	.120					7.4		1.0			
12	.132					7.4		0.9			
13	.113										
14	.113					7.4		0.8			
15	.114					7.4		1.0		263.11	222.0
16	.122			13.27		7.3	13.0	0.8	1.06		
17	.119					7.3		0.9			
18	.105					7.4		1.2			
19	.134					7.4		1.1			
20	.123										
21	.123					7.3		0.9			
22	.117					7.4		1.2			
23	.120				<1	7.4		1.0			
24	.108					7.4		0.9			
25	.111					7.3		1.0			
26	.118					7.4		1.0			
27	.119										
28	.119					7.3		0.8			
29	.110					7.3		1.1		251.83	292.0
30	.113			6.73		7.4	3.5	1.0	0.13		
31											
Total											
Mo. Avg.	.120										

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: <u>C</u>	Certificate No: <u>7476</u>	Name: <u>BUDDY MORRIS</u>

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Rainbow Springs Utilities, L.C.
 MAILING ADDRESS: P.O. Box 1850
 Dunelton, FL 33540

PERMIT NUMBER: FLA012693

LIMIT: Final
 CLASS SIZE: N/A
 PLANT SIZE: I/AC
 MONITORING GROUP NUMBER: R-001 & R-002
 MONITORING GROUP DESC: R-001 & R-002, including Influent

REPORT: Monthly
 GROUP: Domestic
 Permit Exp. 4/18/2012

FACILITY: Rainbow Springs 5th Reginal WWTF
 LOCATION: 19400 S.W. 193rd Court
 Dunelton, FL 33542

Plant Size 0.230

COUNTY: Marion

NO DISCHARGE FROM SITE:
 MONITORING PERIOD From 7/1/10 To 7/31/10

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow, R-001	Sample Measurement	0.130	MGD			0	Monthly	Calculation
PARAM Code 50850 Mon Site No. FLW-01	Permit Requirement	0.230 (As Ave.)	MGD				Monthly	Calculation
Flow, R-001	Sample Measurement	0.122	MGD			0	5 Days/Week	Flow Totalizer
PARAM Code 50850 Mon Site No. FLW-01	Permit Requirement	Report (Mo. Ave.)	MGD				5 Days/Week	Flow Totalizer
Flow, R-002	Sample Measurement	0	MGD			0	Monthly	Calculation
PARAM Code 50850 Mon Site No. FLW-01	Permit Requirement	0.014 (As Ave.)	MGD				Monthly	Calculation
Flow, R-002	Sample Measurement	0	MGD			0	5 Days/Week	Flow Totalizer
PARAM Code 50850 Mon Site No. FLW-01	Permit Requirement	Report (Mo. Ave.)	MGD				5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.19	MG/L	0	Monthly	Calculation
PARAM Code 80082 Mon Site No. BEA-01	Permit Requirement			20.0 (As Ave.)	MG/L		Monthly	Calculation
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.06 2.76	MG/L	0	Every Two Weeks	8-hr. FPC
PARAM Code 80082 Mon Site No. BEA-01	Permit Requirement			30.0 (Mo. Ave.) 60.0 (Max.)	MG/L		Every Two Weeks	8-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 (YY/MM/DD)
L. W. Tabor	<i>L. W. Tabor</i>	(352) 351-1338	10-8-16

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Rainbow Springs 5th Replac WWTF

MONITORING GROUP NUMBER: R-001 & R-002
MONITORING PERIOD From: 7/1/10 To: 7/31/10

PERMIT NUMBER: FLA012693

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement				2.6			MGL	0	Monthly	Calculation
PARM Code 00530 Y Mon. Site No. EFA-01	Permit Requirement				20.0 (Ar. Avg.)			MGL		Monthly	Calculation
Solids, Total Suspended	Sample Measurement				1.25	1.5		MGL	0	Every Two Weeks	8-hr. FPC
PARM Code 00530 A Mon. Site No. EFA-01	Permit Requirement				30.0 (Mo. Avg.)	60.0 (Max.)		MGL		Every Two Weeks	8-hr. FPC
pH	Sample Measurement				7.3	7.4		BU	0	5 Days/Week	Grab
PARM Code 00400 A Mon. Site No. EFA-01	Permit Requirement				6.0 (Min.)	8.3 (Max.)		BU		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement				1			#/100ML	0	Monthly	Calculation
PARM Code 74035 Y Mon. Site No. EFA-01	Permit Requirement				200 (Ar. Avg.)			#/100ML		Monthly	Calculation
Coliform, Fecal	Sample Measurement				1	1	< 1	#/100ML	0	Every Two Weeks	Grab
PARM Code 74035 A Mon. Site No. EFA-01	Permit Requirement				Report (Mo. Cap. Mean)	400 (99%)	800 (Max.)	#/100ML		Every Two Weeks	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement				0.8			MGL	0	5 Days/Week	Grab
PARM Code 50040 A Mon. Site No. EFA-01	Permit Requirement				0.5 (Min.)			MGL		5 Days/Week	Grab
Nitrogen, Nitrate, Total (as NO3)	Sample Measurement				2.65			MGL	0	Every Two Weeks	8-hr. FPC
PARM Code 71850 Mon. Site No.	Permit Requirement				12.0 (Max.)			MGL		Every Two Weeks	8-hr. FPC
Flow	Sample Measurement	0.123	0.122	MGD					0	5 Days/Week	Flow Totalizer
PARM Code 50050 P Mon. Site No. FLW-01	Permit Requirement	0.230 (3-Mo. Avg.)	Report (Mo. Avg.)	MGD						5 Days/Week	Flow Totalizer
Percent Capacity, (TMADP/Permitted Capacity) x 100	Sample Measurement				54			PERCENT	0	Monthly	Calculation
PARM Code 00180 I Mon. Site No. FLW-01	Permit Requirement				Report			PERCENT		Monthly	Calculation
BOD, Carbonaceous 5 day, 20C	Sample Measurement				295.64			MGL	0	Every Two Weeks	8-hr. FPC
PARM Code 80082 G Mon. Site No. INF-01	Permit Requirement				Report (Mo. Avg.)			MGL		Every Two Weeks	8-hr. FPC
Solids, Total Suspended	Sample Measurement				259.0			MGL	0	Every Two Weeks	8-hr. FPC
PARM Code 00530 G Mon. Site No. INF-01	Permit Requirement				Report (Mo. Avg.)			MGL		Every Two Weeks	8-hr. FPC

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA012693
Monitoring Period: From 7/1/10 To 7/31/10

Facility: Rainbow Springs 5th Reglet WWTF

Code Mon. Site	Flow (MGD) (To R-001)	Flow (MGD) (To R-002)	Flow (MGD) (Total Plant)	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TBC (For Disinfect.) (MG/L)	Nitrogen, Ammonia, Total (as N) (MG/L)	CBOD5 (MG/L)	TSS (MG/L)
	50070 FLW-01	50050 FLW-01	50050 FLW-01	50012 EFA-01	74033 EFA-01	60509 EFA-01	60530 EFA-01	50059 EFA-01	60620 EFA-01	50012 EFA-01	60530 EFA-01
1	.124					7.4		0.9			
2	.143					7.3		1.1			
3	.126					7.4		1.0			
4	.120										
5	.120					7.4		1.0			
6	.116					7.4		0.9			
7	.144				<1	7.4		1.2			
8	.095					7.4		1.0			
9	.109					7.3		1.5			
10	.110					7.4		1.3			
11	.113										
12	.113					7.3		0.8			
13	.152					7.3		1.1		281.61	269.0
14	.106			1.35		7.4	1.5	1.3	0.65		
15	.107					7.4		1.0			
16	.125					7.4		1.1			
17	.133					7.4		1.0			
18	.119										
19	.118					7.4		1.2			
20	.112					7.3		1.0			
21	.109				<1	7.4		1.4			
22	.105					7.4		>2.0			
23	.126					7.3		>2.0			
24	.098					7.4		1.3			
25	.123										
26	.122					7.4		1.7			
27	.126					7.4		>2.0		309.61	250.0
28	.114			2.76		7.4	<1	1.5	2.65		
29	.110					7.3		>2.0			
30	.127					7.3		>2.0			
31	.118					7.3		1.6			
Total											
Mo. Avg.	.122										

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: C Certificate No: 7476 Name: Buddy Morris

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2400 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Rainbow Springs Utilities, L.C.
 MAILING ADDRESS: P.O. Box 1850
 Dunelton, FL 33548

PERMIT NUMBER: FLA013693

LIMIT: Final
 CLASS SIZE: N/A
 PLANT SIZE: T/C
 MONITORING GROUP NUMBER: R-001 & R-002
 MONITORING GROUP DESC: R-001 & R-002, including Influent

REPORT GROUP: Monthly Domestic
 Permit Exp. 4/18/2012

FACILITY: Rainbow Springs 5th Replnt WWTP
 LOCATION: 19400 S.W. 193rd Court
 Dunelton, FL 33542

Plant Size 0.230

COUNTY: Marion

NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: 8/1/10 To 8/31/10

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow, R-001	Sample Measurement	0.130	MGD			0	Monthly	Calculation
'ARM Code 50030 Mon. Site No. FLW-01	Permit Requirement	0.230 (An.Avg.)	MGD				Monthly	Calculation
Flow, R-001	Sample Measurement	0.122	MGD			0	5/Days/Week	Flow Totalizer
'ARM Code 50030 Mon. Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow, R-002	Sample Measurement	0	MGD			0	Monthly	Calculation
'ARM Code 50030 Mon. Site No. FLW-01	Permit Requirement	0.014 (An.Avg.)	MGD				Monthly	Calculation
Flow, R-002	Sample Measurement	0	MGD			0	5Days/Week	Flow Totalizer
'ARM Code 50030 Mon. Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
IOD, Carbonaceous 3 day, 20C	Sample Measurement			2.17	MGL	0	Monthly	Calculation
'ARM Code 80082 Mon. Site No. EFA-01	Permit Requirement			20.0 (An.Avg.)	MGL		Monthly	Calculation
IOD, Carbonaceous 3 day, 20C	Sample Measurement			1.14	MGL	0	Every Two Weeks	8-hr. PFC
'ARM Code 80082 Mon. Site No. EFA-01	Permit Requirement			30.0 (Mo.Avg.)	MGL		Every Two Weeks	8-hr. PFC
				60.0 (Max.)				

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 (YYMMDD)
Len Talon	Len Talon	(352) 351-1338	10-09-14

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Rainbow Springs 5th Regal WWTF

MONITORING GROUP NUMBER: R-001 & B-001
 MONITORING PERIOD From: 8/1/10 To 8/31/10

PERMIT NUMBER: FLA012693

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended PARM Code 00530 Y Mon. Site No. EFA-01	Sample Measurement			2.6	MGL	0	Monthly	Calculation
	Permit Requirement			20.0 (Ar. Ave.)	MGL		Monthly	Calculation
Solids, Total Suspended PARM Code 00530 A Mon. Site No. EFA-01	Sample Measurement			1.25 1.5	MGL	0	Every Two Weeks	4-hr. PPC
	Permit Requirement			30.0 (Mo. Ave.) 60.0 (Max.)	MGL		Every Two Weeks	4-hr. PPC
pH PARM Code 00400 A Mon. Site No. EFA-01	Sample Measurement			7.3 7.4	BU	0	5 Days/Week	Grab
	Permit Requirement			6.0 (Min.) 8.5 (Max.)	BU		5 Days/Week	Grab
Calcium, Total PARM Code 74055 Y Mon. Site No. EFA-01	Sample Measurement			1	M/GAL	0	Monthly	Calculation
	Permit Requirement			200 (Ar. Ave.)	M/GAL		Monthly	Calculation
Calcium, Total PARM Code 74055 A Mon. Site No. EFA-01	Sample Measurement			1	M/GAL	0	Every Two Weeks	Grab
	Permit Requirement			Report (Mo. Gen. Mean) 400 (90%) 600 (Max.)	M/GAL		Every Two Weeks	Grab
Total Residual Chlorine (For Disinfection) PARM Code 50060 A Mon. Site No. EFA-01	Sample Measurement			1.1	MGL	0	5 Days/Week	Grab
	Permit Requirement			0.5 (Min.)	MGL		5 Days/Week	Grab
Nitrogen, Nitrate, Total (as NO3) PARM Code 71850 Mon. Site No.	Sample Measurement			1.58	MGL	0	Every Two Weeks	4-hr. PPC
	Permit Requirement			12.0 (Max.)	MGL		Every Two Weeks	4-hr. PPC
Flow PARM Code 50050 P Mon. Site No. FLW-01	Sample Measurement	0.121	0.122		MGD	0	5 Days/Week	Flow Totalizer
	Permit Requirement	0.230 (2-Mo. Ave.)	Report (Mo. Ave.)		MGD		5 Days/Week	Flow Totalizer
Percent Capacity, (TMADP/Permitted Capacity) x 100 PARM Code 00150 I Mon. Site No. FLW-01	Sample Measurement			53	PERCENT	0	Monthly	Calculation
	Permit Requirement			Report	PERCENT		Monthly	Calculation
BOD, Carbonaceous 5 day, 20C PARM Code 00062 G Mon. Site No. INF-01	Sample Measurement			271.07 271.07	MGL	0	Every Two Weeks	4-hr. PPC
	Permit Requirement			Report (Mo. Ave.)	MGL		Every Two Weeks	4-hr. PPC
Solids, Total Suspended PARM Code 00530 G Mon. Site No. INF-01	Sample Measurement			545.00 545.00	MGL	0	Every Two Weeks	4-hr. PPC
	Permit Requirement			Report (Mo. Ave.)	MGL		Every Two Weeks	4-hr. PPC

DAILY SAMPLE RESULTS - PART B

Permit Number:
Monitoring Period:

FLA092689
From: 8/1/10 To: 8/31/10

Facility: Rainbow Springs 5th Replat WWTF

Code	Flow (MGD) (To R-001)	Flow (MGD) (To R-002)	Flow (MGD) (Total Plant)	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TIC (For Dialysis) (MG/L)	Nitrogen, Nitrates, Total (as N) (MG/L)	CBOD5 (MG/L)	TSS (MG/L)
Mon. Site	50050 FLW-01	50050 FLW-01	50050 FLW-01	30062 EFA-01	74055 EFA-01	00400 EFA-01	00530 EFA-01	50060 EFA-01	00620 EFA-01	30062 INF-01	00530 INF-01
1	.119										
2	.118					7.4		1.7			
3	.118					7.4		1.4			
4	.117					7.3		1.5			
5	.105				<1	7.4		1.4			
6	.113					7.3		1.2			
7	.128					7.4		1.3			
8	.128										
9	.127					7.4		>2.0			
10	.118					7.4		1.6		349.89	4446.0
11	.130			0.96		7.3	<1	1.4	1.4		
12	.110					7.3		1.1			
13	.119					7.4		1.3			
14	.129					7.4		1.1			
15	.122										
16	.122					7.4		1.3			
17	.115					7.4		1.1			
18	.126				<1	7.3		1.5			
19	.107					7.3		1.1			
20	.117					7.4		1.3			
21	.122					7.4		1.1			
22	.130										
23	.130					7.4		1.6			
24	.148					7.4		1.3		192.25	424.0
25	.131			1.32		7.3	1.5	1.7	1.5P		
26	.119					7.4		1.5			
27	.119					7.3		1.6			
28	.138					7.4		1.5			
29	.118										
30	.117					7.4		1.4			
31	.109					7.4		1.1			
Total											
Mo. AVE.	.122										

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: C Certificate No: 7476 Name: Buddy Morris

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3531, 2400 Blair Stone Road, Tallahassee, FL 32399-3400

PERMITTEE NAME: Rainbow Springs Utilities, L.C.
 MAILING ADDRESS: P.O. Box 1850
 Dannelton, FL 33540

PERMIT NUMBER: FLA012693

LIMIT: Final
 CLASS SIZE: N/A
 PLANT SIZE: R/C
 MONITORING GROUP NUMBER: R-001 & R-002
 MONITORING GROUP DESC: R-001 & R-002, including leftvent

REPORT: Monthly
 GROUP: Domestic
 Permit Exp. 4/18/2012
 Plant Size 0.230

FACILITY: Rainbow Springs 5th Replat WWTF
 LOCATION: 19400 S.W. 193rd Court
 Dannelton, FL 33542

COUNTY: Marion

NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: 9/1/10 To 9/30/10

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow, R-001	Sample Measurement	0.131	MGD			0	Monthly	Calculation
PARAM Code 50050 Y	Permit Requirement	0.230 (An.Avg.)	MGD				Monthly	Calculation
Mon. Site No. FLW-01								
Flow, R-001	Sample Measurement	0.128	MGD			0	5 Days/Week	Flow Totalizer
PARAM Code 50050 I	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Mon. Site No. FLW-01								
Flow, R-002	Sample Measurement	0	MGD			0	Monthly	Calculation
PARAM Code 50050 Y	Permit Requirement	0.074 (An.Avg.)	MGD				Monthly	Calculation
Mon. Site No. FLW-01								
Flow, R-002	Sample Measurement	0	MGD			0	5 Days/Week	Flow Totalizer
PARAM Code 50050 I	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Mon. Site No. FLW-01								
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.0 2.24	MGL	0	Monthly	Calculation
PARAM Code 50023 Y	Permit Requirement			20.0 (An.Avg.)	MGL		Monthly	Calculation
Mon. Site No. BFA-01								
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.02 2.33	MGL	0	Every Two Weeks	8-hr. FPC
PARAM Code 50023 A	Permit Requirement			30.0 (Mo.Avg.) 60.0 (Max.)	MGL		Every Two Weeks	8-hr. FPC
Mon. Site No. BFA-01								

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 (YY/MM/DD)
Len Tabon	Len Tabon	(352) 351-1338	10-10-15

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Rainbow Springs 5th Replac WWTF

MONITORING GROUP NUMBER: R-001 & B-002
 MONITORING PERIOD From: 9/1/10 To 9/30/10

PERMIT NUMBER: FLA012693

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement			2.6	MGL	0	Monthly	Calculation
PARM Code 00530 Y Mon. Site No. EFA-01	Permit Requirement			30.0 (Ar. Avg.)	MGL		Monthly	Calculation
Solids, Total Suspended	Sample Measurement			1.5	MGL	0	Every Two Weeks	1-hr. FPC
PARM Code 00530 A Mon. Site No. EFA-01	Permit Requirement			30.0 (Mo. Avg.)	MGL		Every Two Weeks	1-hr. FPC
pH	Sample Measurement			7.3	BU	0	5 Days/Week	Grab
PARM Code 00400 A Mon. Site No. EFA-01	Permit Requirement			6.0 (Min.)	BU		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement			1	M/100ML	0	Monthly	Calculation
PARM Code 74035 Y Mon. Site No. EFA-01	Permit Requirement			200 (Ar. Avg.)	M/100ML		Monthly	Calculation
Coliform, Fecal	Sample Measurement			1	M/100ML	0	Every Two Weeks	Grab
PARM Code 74035 A Mon. Site No. EFA-01	Permit Requirement			Report (No. Geo. Mean)	M/100ML		Every Two Weeks	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			1.0	MGL	0	5 Days/Week	Grab
PARM Code 50060 A Mon. Site No. EFA-01	Permit Requirement			0.3 (Min.)	MGL		5 Days/Week	Grab
Nitrogen, Nitrate, Total (as NO3)	Sample Measurement			2.32	MGL	0	Every Two Weeks	1-hr. FPC
PARM Code 71850 Mon. Site No.	Permit Requirement			12.0 (Max.)	MGL		Every Two Weeks	1-hr. FPC
Flow	Sample Measurement	0.124	MGD	0.128		0	5 Days/Week	Flow Totalizer
PARM Code 50058 P Mon. Site No. FLW-01	Permit Requirement	0.238 (3-Mo. Avg.)	MGD	Report (Mo. Avg.)			5 Days/Week	Flow Totalizer
Percent Capacity, (TMADP/Permitted Capacity) x 100	Sample Measurement			54	PERCENT	0	Monthly	Calculation
PARM Code 00180 I Mon. Site No. FLW-01	Permit Requirement			Report	PERCENT		Monthly	Calculation
BOD, Carbonaceous 5 day, 20C	Sample Measurement			188.69	MGL	0	Every Two Weeks	1-hr. FPC
PARM Code 80062 G Mon. Site No. INF-01	Permit Requirement			Report (Mo. Avg.)	MGL		Every Two Weeks	1-hr. FPC
Solids, Total Suspended	Sample Measurement			365.0	MGL	0	Every Two Weeks	1-hr. FPC
PARM Code 00530 O Mon. Site No. INF-01	Permit Requirement			Report (Mo. Avg.)	MGL		Every Two Weeks	1-hr. FPC

DAILY SAMPLE RESULTS - PART B

Account Number:
Monitoring Period

FLA012403
From: 9/1/10

To: 9/30/10

Facility: Rainbow Springs 5th Reg'd WWTF

Code	Flow (MGD) (To R-001)	Flow (MGD) (To R-002)	Flow (MGD) (Total Plant)	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TNC (For Disinfect.) (MG/L)	Nitrogen, Nitrate, Total (mg N) (MG/L)	CBOD5 (MG/L)	TSS (MG/L)
Mon. Site	FLW-01	FLW-01	FLW-01	EFA-01	EFA-01	EFA-01	EFA-01	EFA-01	EFA-01	INF-01	INF-01
1	.114				<1	7.3		1.3			
2	.102					7.4		1.5			
3	.126					7.3		1.1			
4	.124					7.4		1.0			
5	.120										
6	.119					7.3		1.2			
7	.134					7.4		>2.0		177.08	186.0
8	.134			2.33		7.4	<1	1.6	2.32		
9	.099					7.4		>2.0			
10	.121					7.3		1.5			
11	.108					7.4		1.3			
12	.120										
13	.120					7.4		1.6			
14	.104					7.4		1.7			
15	.121					7.3		1.3			
16	.129				<1	7.3		1.5			
17	.114					7.4		1.6			
18	.124					7.4		1.3			
19	.118										
20	.117					7.3		1.2			
21	.140					7.4		1.8		200.29	544.0
22	.157			1.71		7.4	2.0	1.5	1.4		
23	.128					7.3		1.6			
24	.152					7.4		1.3			
25	.156					7.4		1.2			
26	.125										
27	.125					7.4		1.4			
28	.149					7.3		1.7			
29	.144					7.3		1.2			
30	.196					7.4		1.3			
31											
Total											
Mo. Avg.	.128										

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: C Certificate No: 7476 Name: Buddy Morris

DEPARTMENT OF ENVIRONMENTAL PROTECTION

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Rainbow Springs Utilities, L.C.
 MAILING ADDRESS: P.O. Box 1850
 Dunedin, FL 33540

PERMIT NUMBER: FLA012693

FACILITY LOCATION: Rainbow Springs 5th Replat WWTF
 19400 S.W. 193rd Court
 Dunedin, FL 33542

LIMIT: Final
 CLASS SIZE: N/A
 PLANT SIZE: (N/A)
 MONITORING GROUP NUMBER: R-001 & R-002
 MONITORING GROUP DESC: R-001 & R-002, including Influent

REPORT GROUP: Monthly Domestic
 Permit Exp. 4/18/2012

COUNTY: Marion

NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: 10/1/10 To 10/31/10
 Plant Size 0.230

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
		Sample Measurement	Permit Requirement		Sample Measurement	Permit Requirement				
Flow, R-001	Y	0.133	0.230 (An.Avg.)	MGD				0	Monthly	Calculation
Flow, R-001	I	0.152	Report (Mo.Avg.)	MGD				0	3/Days/Week	Flow Totalizer
Flow, R-002	Y	0	8.014 (An.Avg.)	MGD				0	5 Days/Week	Flow Totalizer
Flow, R-002	I	0	Report (Mo.Avg.)	MGD				0	Monthly	Calculation
BOD, Carbonaceous 5 day, 20C	Y				2.25		MCL	0	5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Y				20.0 (An.Avg.)		MCL	0	Monthly	Calculation
BOD, Carbonaceous 5 day, 20C	A				1.56	1.81	MCL	0	Every Two Weeks	8-hr. FPC
					30.0 (Mo.Avg.)	60.0 (Max.)	MCL	0	Every Two Weeks	8-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 ensure 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: Lee Talon SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: Lee Talon TELEPHONE NO: (352) 351-1338 DATE (YYMMDD): 11-15-10

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

FACILITY: Rainbow Springs 5th Replac WWTF

DISCHARGE MONITORING REPORT - PART A (Continued)

MONITORING GROUP NUMBER: R-001 & R-002
MONITORING PERIOD From: 10/1/10 To: 10/31/10

PERMIT NUMBER: FLA012693

Parameter	Sample Measurement	Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement			2.52	MGL	0	Monthly	Calculation
PARM Code 00530 Y Mon. Site No. EFA-01	Permit Requirement			30.0 (Ar. Avg.)	MGL		Monthly	Calculation
Solids, Total Suspended	Sample Measurement			1.25 1.5	MGL	0	Every Two Weeks	8-hr. FPC
PARM Code 00530 A Mon. Site No. EFA-01	Permit Requirement			30.0 (Mo. Avg.) 60.0 (Max.)	MGL		Every Two Weeks	8-hr. FPC
pH	Sample Measurement			7.3 7.4	EU	0	5 Days/Week	Grab
PARM Code 00400 A Mon. Site No. EFA-01	Permit Requirement			6.0 (Min.) 8.5 (Max.)	EU		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement			1	#/100ML	0	Monthly	Calculation
PARM Code 74055 Y Mon. Site No. EFA-01	Permit Requirement			200 (Ar. Avg.)	#/100ML		Monthly	Calculation
Coliform, Fecal	Sample Measurement			1 1 <1	#/100ML	0	Every Two Weeks	Grab
PARM Code 74055 A Mon. Site No. EFA-01	Permit Requirement			Report (Mo. Gap. Mean) 400 (90%) 800 (Max.)	#/100ML		Every Two Weeks	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			1.0	MGL	0	5 Days/Week	Grab
PARM Code 50060 A Mon. Site No. EFA-01	Permit Requirement			0.5 (Min.)	MGL		5 Days/Week	Grab
Nitrogen, Nitrate, Total (as NO3)	Sample Measurement			3.73	MGL	0	Every Two Weeks	8-hr. FPC
PARM Code 71850 Mon. Site No.	Permit Requirement			12.0 (Max.)	MGL		Every Two Weeks	8-hr. FPC
Flow	Sample Measurement	0.134 0.152	MGD			0	5 Days/Week	Flow Totalizer
PARM Code 50030 P Mon. Site No. FLW-01	Permit Requirement	0.230 (Mo. Avg.)	Report (Mo. Avg.)		MGD		5 Days/Week	Flow Totalizer
Percent Capacity, (TMADP/Permitted Capacity) x 100	Sample Measurement			59	PERCENT	0	Monthly	Calculation
PARM Code 00180 I Mon. Site No. FLW-01	Permit Requirement			Report	PERCENT		Monthly	Calculation
BOD, Carbonaceous 5 day, 20C	Sample Measurement			196.97	MGL	0	Every Two Weeks	8-hr. FPC
PARM Code 80082 O Mon. Site No. INF-01	Permit Requirement			Report (Mo. Avg.)	MGL		Every Two Weeks	8-hr. FPC
Solids, Total Suspended	Sample Measurement			252.0	MGL	0	Every Two Weeks	8-hr. FPC
PARM Code 00530 O Mon. Site No. INF-01	Permit Requirement			Report (Mo. Avg.)	MGL		Every Two Weeks	8-hr. FPC

DAILY SAMPLE RESULTS- PART B

Monitoring Period

From: 10/1/10 To: 10/31/10

Facility: Rainbow Springs Sub Regional WWTF

Code	Flow (MGD) (To R-001)	Flow (MGD) (To R-002)	Flow (MGD) (Total Plant)	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/1000-G)	pH (SU)	TSS (MG/L)	TRC (Per Dilution) (MG/L)	Nitrogen, Nitrates, Total (ppm) (MG/L)	CBOD5 (MG/L)	TSS (MG/L)
Mon. Site	50050 FLW-01	50050 FLW-01	50050 FLW-01	80082 BFA-01	74055 BFA-01	08000 EPA-01	80530 EPA-01	50060 EPA-01	08620 EPA-01	80002 BFA-01	08530 BFA-01
1	.161					7.4		1.6			
2	.168					7.4		1.4			
3	.157										
4	.157				<1	7.3		1.2			
5	.161					7.4		1.0		195.06	266.0
6	.166			1.81		7.4	1.5	1.7	3.73		
7	.150					7.4		1.4			
8	.161					7.3		1.1			
9	.165					7.4		1.0			
10	.162										
11	.161					7.4		1.7			
12	.155					7.4		1.4			
13	.151				<1	7.3		>2.0			
14	.136					7.4		1.5			
15	.137					7.4		1.6			
16	.177					7.4		1.3			
17	.152										
18	.152					7.3		1.6			
19	.139					7.4		1.4		199.88	138.0
20	.175			1.31		7.4	<1	1.3	0.46		
21	.143					7.3		>2.0			
22	.145					7.3		1.5			
23	.149					7.4		1.1			
24	.147										
25	.147					7.4		1.5			
26	.143					7.4		>2.0			
27	.155					7.3		1.4			
28	.129					7.3		1.7			
29	.138					7.4		1.3			
30	.158					7.4		1.1			
31	.140										
Total											
Mo. Avg.	.152										

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: 2 Certificate No: 7476 Name: Buddy Morris

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Rainbow Springs Utilities, L.C.
 MAILING ADDRESS: P.O. Box 1450
 Dunnellon, FL 33540

PERMIT NUMBER: FLA812693

LIMIT: Final
 CLASS SIZE: N/A
 PLANT SIZE: LWC
 MONITORING GROUP NUMBER: R-001 & R-002
 MONITORING GROUP DESC: R-001 & R-002, including influent

REPORT: Monthly
 GROUP: Domestic
 Permit Exp. 4/18/2012

FACILITY: Rainbow Springs 5th Replat WWTF
 LOCATION: 19400 S.W. 193rd Court
 Dunnellon, FL 33542

Plant Size 0.230

COUNTY: Marion

NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: 11/1/10 To 11/30/10

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow, R-001	Sample Measurement	0.134	MGD			0	Monthly	Calculation
PARM Code 50050 Y	Permit Requirement	0.230 (Ar.Avg.)	MGD				Monthly	Calculation
Mon. Site No. FLW-01								
Flow, R-001	Sample Measurement	0.149	MGD			0	5 Days/Week	Flow Totalizer
PARM Code 50050 I	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Mon. Site No. FLW-01								
Flow, R-002	Sample Measurement	0	MGD			0	Monthly	Calculation
PARM Code 50050 Y	Permit Requirement	0.014 (Ar.Avg.)	MGD				Monthly	Calculation
Mon. Site No. FLW-01								
Flow, R-002	Sample Measurement	0	MGD			0	5 Days/Week	Flow Totalizer
PARM Code 50050 I	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Mon. Site No. FLW-01								
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.4	MGL	0	Monthly	Calculation
PARM Code 80082 Y	Permit Requirement			20.0 (Ar.Avg.)	MGL		Monthly	Calculation
Mon. Site No. BFA-01								
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.96 3.62	MGL	0	Every Two Weeks	8-hr. FPC
PARM Code 80082 A	Permit Requirement			30.0 (Mo.Avg.) 60.0 (Max.)	MGL		Every Two Weeks	8-hr. FPC
Mon. Site No. BFA-01								

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 (YYMMDD)
Law Tolson	Law Tolson	(352) 351-1338	10-12-10

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Rainbow Springs 5th Replac WWTF

MONITORING GROUP NUMBER: R-001/R-002
 MONITORING PERIOD From: 11/1/10 To

PERMIT NUMBER: FLA012693
11/30/10

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement				2.48			MGL	0	Monthly	Calculation
PARM Code 00530 Y Mon. Site No. EFA-01	Permit Requirement				20.0 (An. Avg.)			MGL		Monthly	Calculation
Solids, Total Suspended	Sample Measurement				<1	<1		MGL	0	Every Two Weeks	8-hr. FPC
PARM Code 00530 A Mon. Site No. EFA-01	Permit Requirement				30.0 (Mo. Avg.)	60.0 (Max.)		MGL		Every Two Weeks	8-hr. FPC
pH	Sample Measurement				7.3	7.4		SU	0	5 Days/Week	Grab
PARM Code 00400 A Mon. Site No. EFA-01	Permit Requirement				6.0 (Min.)	8.5 (Max.)		SU		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement				1			M/100ML	0	Monthly	Calculation
PARM Code 74055 Y Mon. Site No. EFA-01	Permit Requirement				200 (An. Avg.)			M/100ML		Monthly	Calculation
Coliform, Fecal	Sample Measurement				1	1	<1	M/100ML	0	Every Two Weeks	Grab
PARM Code 74055 A Mon. Site No. EFA-01	Permit Requirement				Report (Mo. Clo. Mean)	400 (90%)	800 (Max.)	M/100ML		Every Two Weeks	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement				0.9			MGL	0	5 Days/Week	Grab
PARM Code S0860 A Mon. Site No. EFA-01	Permit Requirement				0.5 (Min.)			MGL		5 Days/Week	Grab
Nitrogen, Nitrate, Total (as NO3)	Sample Measurement				2.85			MGL	0	Every Two Weeks	8-hr. FPC
PARM Code 71850 Mon. Site No.	Permit Requirement				12.0 (Max.)			MGL		Every Two Weeks	8-hr. FPC
Flow	Sample Measurement	0.143	0.149	MGD					0	5 Days/Week	Flow Totalizer
PARM Code S0050 P Mon. Site No. FLW-01	Permit Requirement	0.230 (3-Mo. Avg.)	Report (Mo. Avg.)	MGD						5 Days/Week	Flow Totalizer
Percent Capacity, (TMADE/Permitted Capacity) x 100	Sample Measurement				63			PERCENT	0	Monthly	Calculation
PARM Code 00180 I Mon. Site No. FLW-01	Permit Requirement				Report			PERCENT		Monthly	Calculation
BOD, Carbonaceous 3 day, 20C	Sample Measurement				301.93	301.93		MGL	0	Every Two Weeks	8-hr. FPC
PARM Code 80082 G Mon. Site No. INF-01	Permit Requirement				Report (Mo. Avg.)			MGL		Every Two Weeks	8-hr. FPC
Solids, Total Suspended	Sample Measurement				345.34	345.34		MGL	0	Every Two Weeks	8-hr. FPC
PARM Code 00530 G Mon. Site No. INF-01	Permit Requirement				Report (Mo. Avg.)			MGL		Every Two Weeks	8-hr. FPC

Unit Number:
Monitoring Period:

FLA012603
From: 11/1/10

DAILY SAMPLE RESULTS - PART B

To: 11/30/10

Facility: Rainbow Springs 5th Reginal WWTP

Code	Flow (MGD) (To R-001)	Flow (MGD) (To R-002)	Flow (MGD) (Total Plant)	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SL)	TSS (MG/L)	TBC (For Disinfect.) (MG/L)	Nitrogen, Nitrate, Total (as N) (MG/L)	CBOD5 (MG/L)	TSS (MG/L)
Mon. Site	30050 FLW-01	30050 FLW-01	30050 FLW-01	80002 EFA-01	74055 EFA-01	00400 EFA-01	00530 EFA-01	50060 EFA-01	80020 EPA-01	80002 INF-01	00570 INF-01
1	.140										
2	.155				<1	7.4					
3	.160					7.4		1.5			
4	.129			2.3		7.3		1.1			
5	.154					7.4	<1	1.6	2.85		267.39 352.0
6	.125					7.4		1.4			
7	.145					7.4		1.2			
8	.145					7.4		1.0			
9	.135										
10	.150					7.4					
11	.153				<1	7.3		1.3			
12	.146					7.3		1.6			
13	.149					7.4		1.1			
14	.149					7.4		1.2			
15	.150					7.4		1.5			
16	.150							1.3			
17	.134					7.4					
18	.120					7.4		1.1			
19	.210			3.62		7.4		1.3			
20	.097					7.3	<1	1.5	0.24		319.72 354.0
21	.163					7.4		1.2			
22	.150					7.4		0.9			
23	.150					7.4		1.3			
24	.156										
25	.148					7.3		1.6			
26	.147					7.4		1.6			
27	.147					7.4		1.0			
28	.200										
29	.146					7.4		2.2			
30	.145					7.4		1.5			
31	.147				<1	7.3					
Total						7.4		>2.0 1.6			
Mo. Avg	.149										318.67 330.0

PLANT STAFFING:
Day Shift Operator
Evening Shift Operator
Night Shift Operator
Lead Operator

Class: _____ Certificate No: _____ Name: _____
 Class: _____ Certificate No: _____ Name: _____
 Class: _____ Certificate No: _____ Name: _____
 Class: C Certificate No: 7476 Name: Buddy Morris

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Rainbow Springs Utilities, L.C.
 MAILING ADDRESS: P.O. Box 1850
 Dunnellon, FL 33540

PERMIT NUMBER: FLA012693

LIMIT: Final
 CLASS SIZE: N/A
 PLANT SIZE: IBC
 MONITORING GROUP NUMBER: R-001 & R-002
 MONITORING GROUP DESC: R-001 & R-002, including Inflow

REPORT: Monthly
 GROUP: Domestic

FACILITY: Rainbow Springs 5th Reglar WWTF
 LOCATION: 19400 S.W. 193rd Court
 Dunnellon, FL 33542

Permit Exp. 4/18/2012

COUNTY: Marion

NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: 12/1/10 To 12/31/10

Plant Size 0.230

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow, R-001	Sample Measurement	0.133	MGD			0	Monthly	Calculation
PARM Code 50050 Y Mon. Site No. FLW-01	Permit Requirement	0.230 (As Avg.)	MGD				Monthly	Calculation
Flow, R-001	Sample Measurement	0.127	MGD			0	5 Days/Week	Flow Totalizer
PARM Code 50050 I Mon. Site No. FLW-01	Report Requirement (Mo. Avg.)		MGD				5 Days/Week	Flow Totalizer
Flow, R-002	Sample Measurement	0	MGD			0	Monthly	Calculation
PARM Code 50050 Y Mon. Site No. FLW-01	Permit Requirement	0.014 (As Avg.)	MGD				Monthly	Calculation
Flow, R-001	Sample Measurement	0	MGD			0	5 Days/Week	Flow Totalizer
PARM Code 50050 I Mon. Site No. FLW-01	Report Requirement (Mo. Avg.)		MGD				5 Days/Week	Flow Totalizer
BOD, Carbonaceous 3 day, 20C	Sample Measurement			2.4	MGL	0	Monthly	Calculation
PARM Code 80082 Y Mon. Site No. EPA-01	Permit Requirement			20.0 (As Avg.)	MGL		Monthly	Calculation
BOD, Carbonaceous 3 day, 20C	Sample Measurement			1.29	MGL	0	Every Two Weeks	8-hr. FPC
PARM Code 80081 A Mon. Site No. EPA-01	Permit Requirement			30.0 (Mo. Avg.) 60.0 (Max.)	MGL		Every Two Weeks	8-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 (YY/MM/DD)
L. W. Thon	<i>L. W. Thon</i>	(352) 351-1338	11-1-12

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Rainbow Springs 3th Replat WWTF

MONITORING GROUP NUMBER: X-001 & R-002
MONITORING PERIOD From: 12/1/10 To 12/1/10

PERMIT NUMBER: FLA012693

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement			2.25	MG/L	0	Monthly	Calculation
PARM Code 00530 Y Mon. Site No. EFA-01	Permit Requirement			20.0 (An. Avg.)	MG/L		Monthly	Calculation
Solids, Total Suspended	Sample Measurement			1.0 1.0	MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 00530 A Mon. Site No. EFA-01	Permit Requirement			30.0 (Mo. Avg.) 60.0 (Max.)	MG/L		Every Two Weeks	8-hr. FPC
pH	Sample Measurement			7.3 7.4	SU	0	5 Days/Week	Grab
PARM Code 00400 A Mon. Site No. EFA-01	Permit Requirement			6.0 (Min.) 8.5 (Max.)	SU		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement			1	#/100ML	0	Monthly	Calculation
PARM Code 74055 Y Mon. Site No. EFA-01	Permit Requirement			200 (An. Avg.)	#/100ML		Monthly	Calculation
Coliform, Fecal	Sample Measurement			1 1 <1	#/100ML	0	Every Two Weeks	Grab
PARM Code 74055 A Mon. Site No. EFA-01	Permit Requirement			Report (Mo. Geo. Mean) 400 (90%) 800 (Max.)	#/100ML		Every Two Weeks	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			0.9	MG/L	0	5 Days/Week	Grab
PARM Code 50060 A Mon. Site No. EFA-01	Permit Requirement			0.5 (Min.)	MG/L		5 Days/Week	Grab
Nitrogen, Nitrate, Total (as NO3)	Sample Measurement			3.66	MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 71850 Mon. Site No.	Permit Requirement			12.0 (Max.)	MG/L		Every Two Weeks	8-hr. FPC
Flow	Sample Measurement	0.143 0.127	MGD			0	5 Days/Week	Flow Totalizer
PARM Code 50050 P Mon. Site No. FLW-01	Permit Requirement	0.230 (3-Mo. Avg.)	Report (Mo. Avg.)	MGD			5 Days/Week	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement			62	PERCENT	0	Monthly	Calculation
PARM Code 00180 I Mon. Site No. FLW-01	Permit Requirement			Report	PERCENT		Monthly	Calculation
BOD, Carbonaceous 5 day, 20C	Sample Measurement			250.45	MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 80082 G Mon. Site No. INF-01	Permit Requirement			Report (Mo. Avg.)	MG/L		Every Two Weeks	8-hr. FPC
Solids, Total Suspended	Sample Measurement			270.0	MG/L	0	Every Two Weeks	8-hr. FPC
PARM Code 00530 O Mon. Site No. INF-01	Permit Requirement			Report (Mo. Avg.)	MG/L		Every Two Weeks	8-hr. FPC

Permit Number:
Monitoring Period

FLA012693

From: 12/1/10 To: 12/31/10

DAILY SAMPLE RESULTS - PART B

Facility: Rainbow Springs Sub Rapid WWTP

Code	Flow (MGD) (To R-001)	Flow (MGD) (To R-002)	Flow (MGD) (Total Flow)	CODS (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TXC (For Disinfect.) (MG/L)	Nitrogen, Nitrate, Total (mg N) (MG/L)	CODS (MG/L)	TSS (MG/L)
Mon. Site	50030 FLW-01	50030 FLW-01	50030 FLW-01	80002 EFA-01	74055 EFA-01	80499 EFA-01	80330 EFA-01	50060 EFA-01	80020 EFA-01	80002 DNF-01	80530 DNF-01
1	.140										
2	.127			1.6		7.4	<1	>2.0	0.38		
3	.129					7.4		1.5			
4	.125					7.4		1.7			
5	.143					7.4		>2.0			
6	.142										
7	.104					7.3		>2.0			
8	.101					7.3		>2.0			
9	.111					7.4		1.4			
10	.132			<1		7.4		>2.0			
11	.140					7.3		>2.0			
12	.122					7.3		0.9			
13	.122										
14	.079					7.3		1.2			
15	.099					7.4		>2.0			
16	.111		1.15			7.4	<1	>2.0	3.66	244.06	348.0
17	.139					7.4		1.5			
18	.150					7.4		1.3			
19	.124					7.4		1.0			
20	.124										
21	.153					7.3		1.4			
22	.123					7.3		1.1			
23	.154			<1		7.4		1.2			
24	.144					7.3		1.0			
25	.141					7.4		1.1			
26	.128					7.4		2.0			
27	.129										
28	.110					7.4		1.6			
29	.080					7.3		0.9			
30	.188		1.13			7.4	1.0	1.0	1.52	256.83	192.0
31	.102					7.4					
Total						7.4					
Mo. Avg.	.127					7.4		>2.0			

PLANT STAFFING:
Day Shift Operator
Evening Shift Operator
Night Shift Operator
Lead Operator

Class: _____ Certificate No: _____ Name: _____
 Class: _____ Certificate No: _____ Name: _____
 Class: _____ Certificate No: _____ Name: _____
 Class: C Certificate No: 7476 Name: BUDDY MORRIS

Yearly ERC Growth Schedule (Response to #3)

ATTACHMENT 2

MEMBER NUMBER-DATE

01021 FEB 14 =

FPSC-COMMISSION CLERK

Rainbow Springs Utilities, L.C.
Staff Question No. 3
Schedule of Yearly ERC Growth by Customer Classification
For the Period 1996 Through 2010

Line No.		Potable Water Service			Irrigation Service	Total Water ERC's	Wastewater Service		Total Wastewater ERC's
		Residential ERC's	General Service ERC's	Total			Residential ERC's	General Service ERC's	
1	Balance 12-31-95	714	5	719	387	1,106	710	8	718
2	1996 additions	76	11	87	52	139	50	8	58
3	Balance 12-31-96	790	16	806	439	1,245	760	16	776
4	1997 additions (2)	47	147	194	45	239	52	8	60
5	Balance 12-31-97	837	163	1,000	484	1,484	812	24	836
6	1998 additions	80	-	80	63	143	74	-	74
7	Balance 12-31-98	917	163	1,080	547	1,627	886	24	910
8	1999 additions	76	-	76	51	127	78	-	78
9	Balance 12-31-99	993	163	1,156	598	1,754	964	24	988
10	2000 additions	47	20	67	23	90	57	13	70
11	Balance 12-31-2000	1,040	183	1,223	621	1,844	1,021	37	1,058
12	2001 additions	111	13	124	-	124	63	8	71
13	Balance 12-31-2001	1,151	196	1,347	621	1,968	1,084	45	1,129
14	2002 additions (3)	(29)	(35)	(64)	52	(12)	36	(21)	15
15	Balance 12-31-2002	1,122	161	1,283	673	1,956	1,120	24	1,144
16	2003 additions	52	-	52	15	67	52	(3)	49
17	Balance 12-31-2003	1,174	161	1,335	688	2,023	1,172	21	1,193
18	2004 additions	71	-	71	66	137	77	-	77
19	Balance 12-31-04	1,245	161	1,406	754	2,160	1,249	21	1,270
20	2005 additions	106	-	106	87	193	101	-	101
21	Balance 12-31-05	1,351	161	1,512	841	2,353	1,350	21	1,371
22	2006 additions	99	-	99	71	170	99	-	99
23	Balance 12-31-06	1,450	161	1,611	912	2,523	1,449	21	1,470
24	2007 additions	15	-	15	37	52	18	-	18
25	Balance 12-31-07	1,465	161	1,626	949	2,575	1,465	21	1,486
26	2008 additions	11	5	16	8	24	11	3	14
27	Balance 12-31-08	1,476	166	1,642	957	2,599	1,476	24	1,500
28	2009 additions	1	8	9	-	9	1	-	1
29	Balance 12-31-09	1,477	174	1,651	957	2,608	1,477	24	1,501
30	2010 additions	2	-	2	9	11	2	-	2
31	Balance 12-31-10	1,479	174	1,653	966	2,619	1,479	24	1,503

32 Notes: (1) ERC's are based on meter equivalents

33 (2) 1997 General Service additions include ERC's for 6" and 8" metered fire lines

34 (3) 2002 additions reflect adjustments to correct incorrect connection data reported in prior years annual reports.

ECR

100439-WS

(4) Maps \ Full-sized & 5 CDs
forwarded to ECR (copies of maps)

At McLean

ATTACHMENT 3

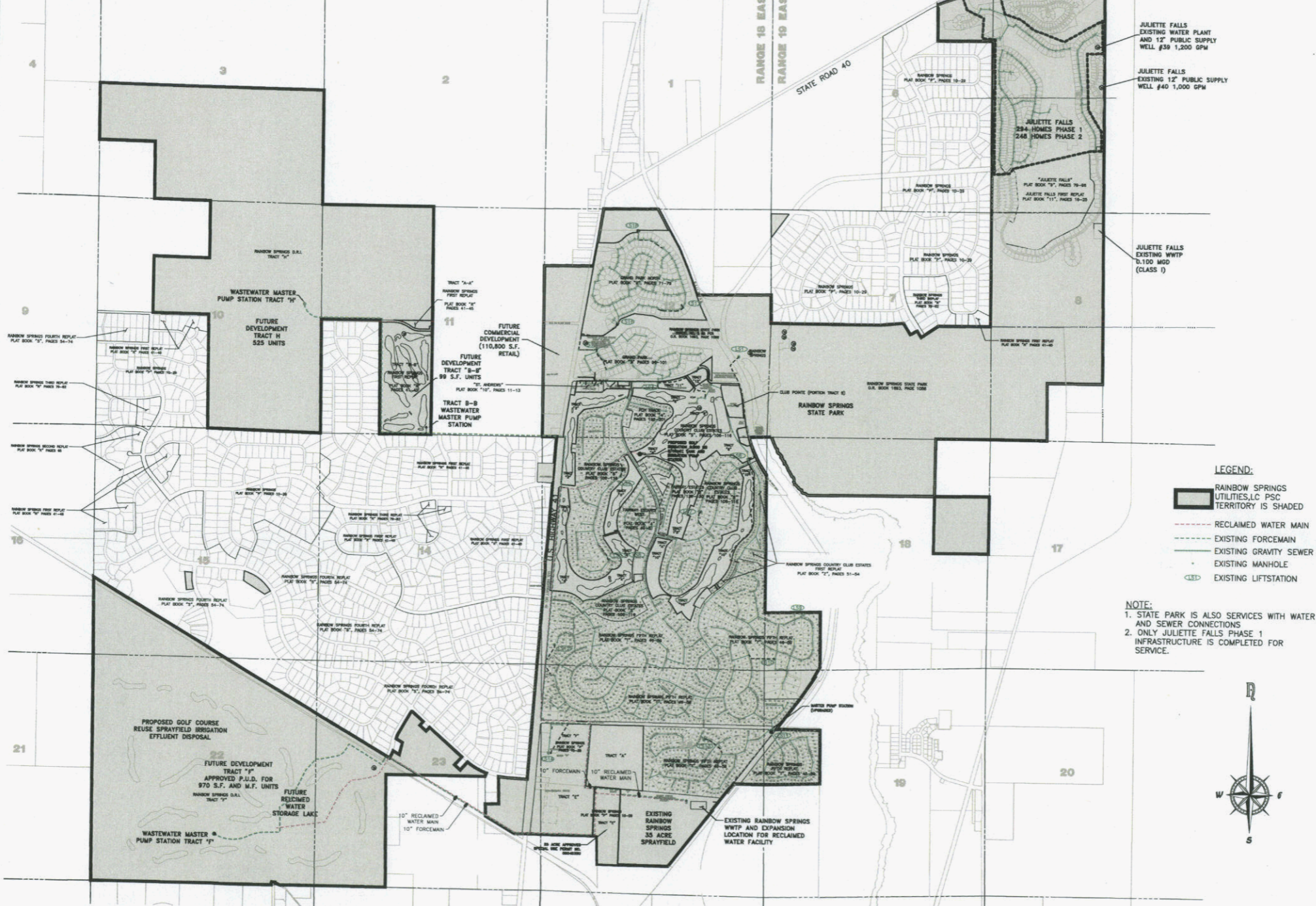
DOCUMENT NUMBER-DATE
01021 FEB 14 =
FPSC-COMMISSION CLERK

MINIMUM REQUIRED VISIBILITY STANDARD FOR MAKING PRINTS & COPIES

TOWNSHIP 15 SOUTH
TOWNSHIP 16 SOUTH

RANGE 16 EAST
RANGE 19 EAST

STATE ROAD 40



- LEGEND:**
- RAINBOW SPRINGS UTILITIES, LC PSC TERRITORY IS SHADED
 - RECLAIMED WATER MAIN
 - EXISTING FORCEMAIN
 - EXISTING GRAVITY SEWER
 - EXISTING MANHOLE
 - EXISTING LIFTSTATION

NOTE:

1. STATE PARK IS ALSO SERVICES WITH WATER AND SEWER CONNECTIONS
2. ONLY JULIETTE FALLS PHASE 1 INFRASTRUCTURE IS COMPLETED FOR SERVICE.



SANITARY SEWER SERVICE AREA MAP MASTER PLAN
MARION COUNTY, FLORIDA

PREPARED FOR
RAINBOW SPRINGS UTILITIES, L.C.

SCALE:	1" = 1000'
DATE:	08.23.08
DRAWN:	GD
CHECKED:	N/A
FIELD BOOK:	N/A
DATE:	11/27/09
NO.:	102.04
DATE:	10/22/04
NO.:	102.04
DATE:	10/22/04
NO.:	102.04
DATE:	10/22/04
NO.:	102.04
DATE:	10/22/04
NO.:	102.04

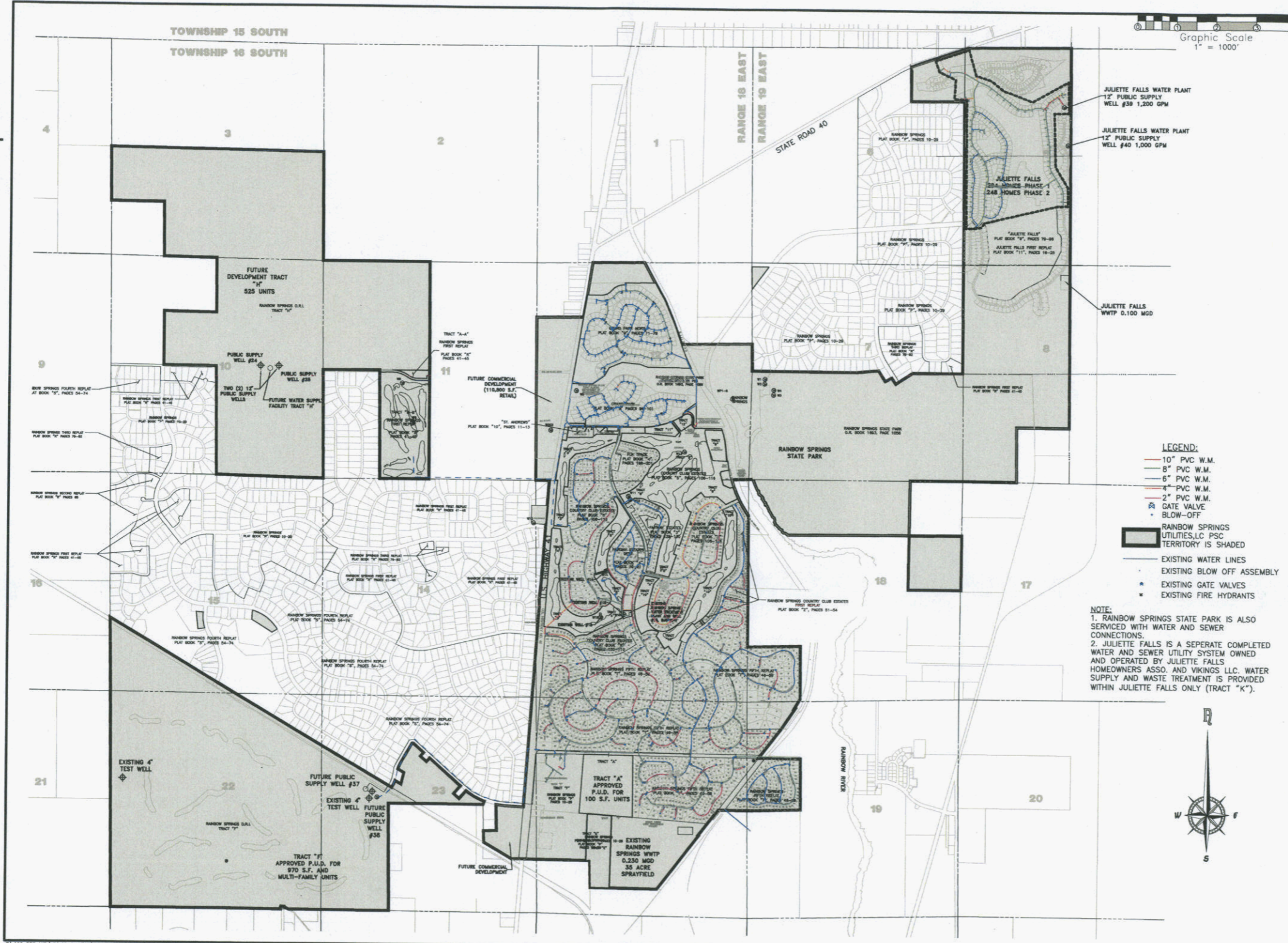
Pigeon - Roberts & Associates, LLC
205 S.E. 7th Street
Suite A
Ocala, Florida 34471
CIVIL ENGINEERS • PLANNERS
SURVEYORS & MAPPERS
(352) 891-7709 fax
CERTIFICATES OF AUTHORIZATION:
ENGINEERING NO. 38557 - SURVEYING & MAPPING NO. 1061

File No.
102.04.001
Job No.
102.04
001 of 001

MINIMUM REQUIRED VISIBILITY STANDARD FOR MAKING PRINTS & COPIES

100%	85%	70%	55%	40%	25%	10%	0%
100%	85%	70%	55%	40%	25%	10%	0%

Plotted: 2/7/2011 10:44:47 AM - Dione Douglas



LEGEND:

- 10" PVC W.M.
- 8" PVC W.M.
- 6" PVC W.M.
- 4" PVC W.M.
- 2" PVC W.M.
- GATE VALVE
- BLOW-OFF
- RAINBOW SPRINGS UTILITIES, LLC PSC TERRITORY IS SHADED
- EXISTING WATER LINES
- EXISTING BLOW OFF ASSEMBLY
- EXISTING GATE VALVES
- EXISTING FIRE HYDRANTS

NOTE:

- RAINBOW SPRINGS STATE PARK IS ALSO SERVICED WITH WATER AND SEWER CONNECTIONS.
- JULIETTE FALLS IS A SEPARATE COMPLETED WATER AND SEWER UTILITY SYSTEM OWNED AND OPERATED BY JULIETTE FALLS HOMEOWNERS ASSO. AND VIKINGS LLC. WATER SUPPLY AND WASTE TREATMENT IS PROVIDED WITHIN JULIETTE FALLS ONLY (TRACT "K").

**PUBLIC DRINKING WATER SYSTEM
SERVICE AREA MAP
MASTER PLAN**

MARION COUNTY, FLORIDA

PREPARED FOR
RAINBOW SPRINGS UTILITIES, L.C.

DATE:	1" = 1000'	08-25-08
CHECKED:	DATE:	08-25-08
DESIGNED:	DATE:	08-25-08
PLANNED:	DATE:	08-25-08
PHASE BOOK:	DATE:	N/A
DATE:	DATE:	08-25-08
FILE NO.:	102.04.001	1
JOB NO.:	102.04	2
DATE:	08-25-08	2

Pigeon - Roberts & Associates, LLC
926 S.E. 7th Street
Ocala, Florida 34471
CIVIL ENGINEERS & PLANNERS (827) 981-7798 voice
SERVICE TRUCKS & SUPPLIES (352) 881-7708 fax

CERTIFICATIONS OF AUTHORIZATION
ENGINEERING NO. 28521 - SURVEYING & MAPPING LE NO. 7481

File No.
102.04.001

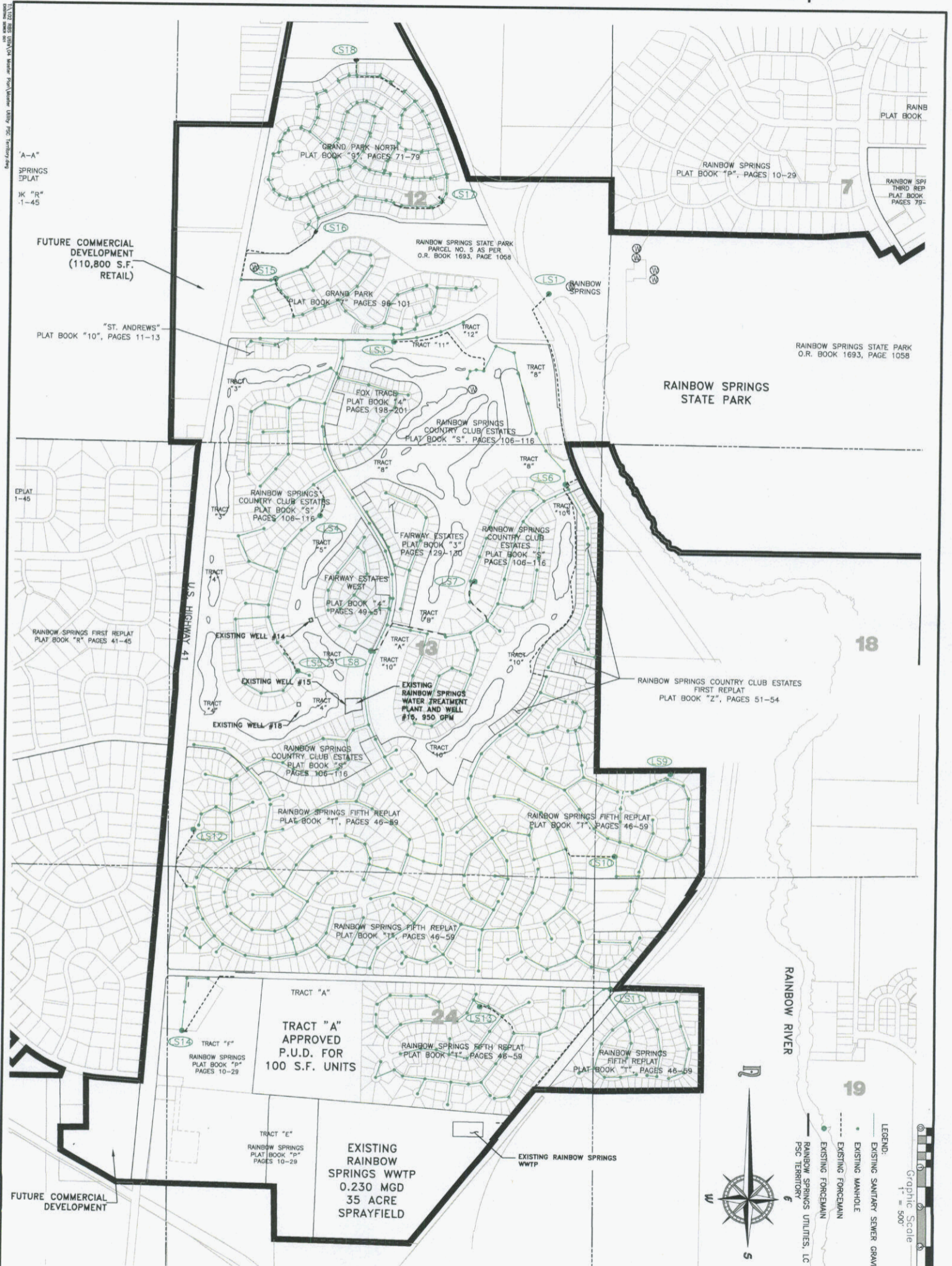
Job No.
102.04

001 of 001

\\102.085.016\04 Master Plan\Master Utility PSC Territory.dwg
PLOT000 WSEA 001

100%	85%	66%	51%	34%	17%	0%
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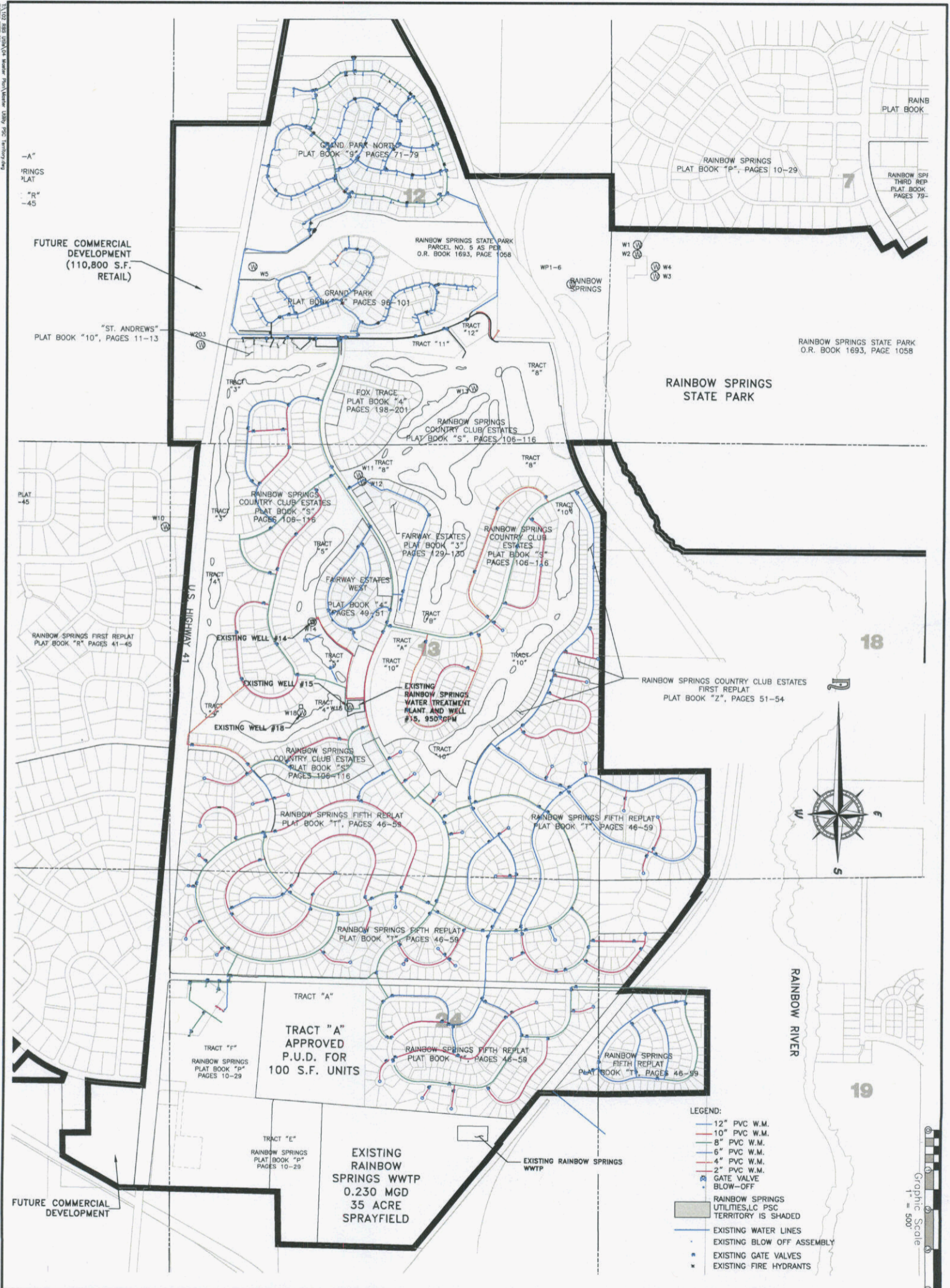
Plotted: 2/7/2011 2:48:18 PM : Diane Douglas



<p>Pigeon - Roberts & Associates, LLC 926 S.E. 17th Street Suite A Ocala, Florida 34471 (352) 961-7769 voice (352) 961-7709 fax</p> <p>CERTIFICATES OF AUTHORIZATION ENGINEERING NO. 28651 • SURVEYING & MAPPING LB NO. 7481</p>	<p>SCALE: 1" = 500' DATE: 08.25.09 CHECKED: CAP DRAWN: DMB FIELD BOOK: N/A ENGR: N/A DATUM: SPC-FLM FILE NO.: 102.04.001 JOB NO.: 102.04 SHEET: 001 OF 001</p>	<p>PREPARED FOR RAINBOW SPRINGS UTILITIES, L.C.</p> <p>SECTIONS VARY, TOWNSHIP 16 SOUTH, RANGE 18 EAST, MARION, FLORIDA</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>NO.</td> <td>DATE</td> <td>REVISIONS</td> <td>APP'D. BY</td> </tr> <tr> <td>1</td> <td>11/12/07</td> <td>REVISED WELLS-HOME SITES NUMBERS</td> <td>APP'D. BY</td> </tr> <tr> <td>2</td> <td>03/12/08</td> <td>ADDED PROPOSED 25 ACRE SPRAYFIELD TRACT</td> <td>APP'D. BY</td> </tr> </table>	NO.	DATE	REVISIONS	APP'D. BY	1	11/12/07	REVISED WELLS-HOME SITES NUMBERS	APP'D. BY	2	03/12/08	ADDED PROPOSED 25 ACRE SPRAYFIELD TRACT	APP'D. BY	<p>VILLAGE OF RAINBOW SPRINGS EXISTING WASTEWATER COLLECTION SYSTEM MASTER MAP MARION COUNTY, FLORIDA</p> <p>DATE: _____</p> <p>CHUCK A. PIGEON PROFESSIONAL ENGINEER #37338 STATE OF FLORIDA</p>
NO.	DATE	REVISIONS	APP'D. BY												
1	11/12/07	REVISED WELLS-HOME SITES NUMBERS	APP'D. BY												
2	03/12/08	ADDED PROPOSED 25 ACRE SPRAYFIELD TRACT	APP'D. BY												

001 OF 001

Plotted: 2/7/2011 2:50:34 PM : Stone Douglas



- LEGEND:
- 12" PVC W.M.
 - 10" PVC W.M.
 - 8" PVC W.M.
 - 6" PVC W.M.
 - 4" PVC W.M.
 - 2" PVC W.M.
 - GATE VALVE
 - BLOW-OFF
 - RAINBOW SPRINGS UTILITIES, LC PSC TERRITORY IS SHADED
 - EXISTING WATER LINES
 - EXISTING BLOW OFF ASSEMBLY
 - EXISTING GATE VALVES
 - EXISTING FIRE HYDRANTS

<p>001 of 001</p> <p>Job No. 10204</p> <p>File No. 10204.001</p>	<p>Pigeon - Roberts & Associates, LLC 925 S.E. 17th Street Suite A Ocala, Florida 34471 (352) 891-7799 voice (352) 891-7709 fax</p> <p>CERTIFICATES OF AUTHORIZATION ENGINEERING NO. 10601 - SURVEYING & MAPPING LB NO. 7481</p>	<p>SCALE: 1" = 500'</p> <p>DATE: 08.23.08</p> <p>CHECKED: OMP</p> <p>DRAWN: DME</p> <p>FIELD BOOK: N/A</p> <p>PAGE: N/A</p> <p>DATE: N/A</p> <p>FILE NO.: 102.04.001</p> <p>JOB NO.: 102.04</p> <p>SHEET: 001 OF 001</p>	<p>PREPARED FOR RAINBOW SPRINGS UTILITIES, L.C.</p> <p>SECTIONS VARY, TOWNSHIP 16 SOUTH, RANGE 18 EAST, MARION, FLORIDA</p> <p>NO. DATE: REVISIONS:</p> <p>1 11/12/07 REVISED WELLS-HOME SITES NUMBERS</p> <p>APP'D. BY</p> <p>APP'D. BY</p>	<p>VILLAGE OF RAINBOW SPRINGS EXISTING WATER SYSTEM MASTER MAP MARION COUNTY, FLORIDA</p>	<p>DATE</p>
					<p>CHUCK A. PIGEON PROFESSIONAL ENGINEER #37338 STATE OF FLORIDA</p>

Letters from Developers

ATTACHMENT 4

DOCUMENT NUMBER-DATE

01021 FEB 14 =

FPSC-COMMISSION CLERK



November 23, 2009

Rose, Sundstrom and Bentley, LLP
2548 Blairstone Pines Drive
Tallahassee, Florida 32301

Attention: F. Marshall Deterding Esq.

RE: Rainbow Springs Utilities – Your File No 29030.01

Dear Sir:

We are in receipt of your correspondence dated October 29, 2009, and appreciate same.

The change in required density referred to in our letter of October 7, 2009, actually relates to our eventual use of the "sprayfield land" and as such is included in our request of February 19, 2009, and our clarification dated April 14, 2009.

Thanks for your attention to this matter.

Yours truly,
RAINBOW SPRINGS, LIMITED

By: RAINBOW FLORIDA, LLC, its Sole General Partner

By: 

Thomas A. Clarke, Vice President

cc: Tim Collins – Rainbow Springs
cc: Rick Salsberg – Fairfax Financial



October 7, 2009

Rose, Sundstrom and Bentley, LLP
2548 Blairstone Pines Drive
Tallahassee, Florida 32301

Attention: F. Marshall Deterding Esq.

RE: Rainbow Springs Utilities – Your File No 29030.01

Dear Sir:

We are in receipt of your correspondence dated September 4, 2009, and appreciate your attention to the subject matter.

Given that your client has declared that it will not be needing the lands previously reserved for sprayfield expansion, we will incorporate these into our overall development plan and advise in due course as to the change in required density.

Thanks again for your help.

Yours truly,
RAINBOW SPRINGS LIMITED

By: RAINBOW FLORIDA, LLC, its Sole General Partner

By: 

Thomas A. Clarke, Vice President

cc: Lee Chotas – Dean Mead et al
cc: Rick Salsberg – Fairfax Financial

RAINBOW SPRINGS LIMITED
8625 S.W. 200th Circle
Dunnellon, FL 34431

April 14, 2009

Rose, Sundstrom and Bentley, LLP
2548 Blairstone Pines Drive
Tallahassee, Florida 32301

Attention: F. Marshall Deterding Esq.

RE: Rainbow Springs utilities; Request for water and wastewater service. Your File No 29030.01

Dear Sir,

We are in receipt of your correspondence dated Mar 24, 09 relative to the above captioned file and appreciate your prompt response to our request.

With regard to the additional information and clarification requested, we hope that the following comments may more clearly define our request.

As you have noted, we included in the material previously provided to you, plans outlining the first 126 lots (currently unplatted) that we expect will be developed, as these plans are relatively frozen in our minds and either are currently, or are soon to be, the subject of development approval applications. The Tract designations below conform to the plans previously furnished.

While the timing, particularly in today's economic conditions, for absorption and actual use of these lots is difficult to forecast, our best estimate for this requirement would be as follows

- Tract 11 - 7 Lots - 1st quarter 2012
- Tract 12 - 7 Lots - 1st quarter 2012
- Tract 8 - 12 Lots - 1st quarter 2012
- Tract A - first 50 lots - 1st quarter 2013
- Tract A - balance 50 lots - 1st quarter 2014

While this requirement remains somewhat in the future, the requirement to complete the development approval process remains current and is, as we continue to reiterate, the reason for our formal request. As you will no doubt be aware, an integral part of the zoning approval process requires the provision of confirmation from the utility service provider that they will service the area and will have capacity.

Therefore the provision of the confirmation required in regard to the detailed 126 lots would be appreciated now.

With regard to future development, the estimation of 225 lots (99 additional lots over and above the 126 previously discussed) is our current best estimate of the total density which may be created by the redevelopment of the current "Rainbows End" golf course.

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RAINBOW SPRINGS LIMITED
8625 S.W. 200th Circle
Dunnellon, FL 34431

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Rose, Sundstrom and Bentley, LLP

April 14, 2009

Two plans for potential development of this area have been attached for your perusal as appendix A and show developments of 90 and 137 single family lots respectively. Our expectation is that this development would not take place prior to 2013 however we do require that service for the area be confirmed as it is within the subject territory. We expect that the finalization of the process to render some 99 single family residential lots.

The remaining 50 lots referenced, are again our best estimate of the resultant density attached to the development of the 25 acres currently defined as spray field use.

As noted in our previous correspondence, we have not developed detailed plans for the use of this site given that the utility may well require it for expansion of the current spray field. Our offer to reserve this for the utility's future use as a spray field remains open, however should you formally advise us that this need no longer exists, we will develop plans for an additional 50 units, much like those existing for block A, and proceed with the approval process. We hope the foregoing clarifies for you our views with regard to future density.

As all of these developments are expected to be single family, 3 bed 2 bath homes, the resultant capacity requirement for the aforementioned development activity we believe to be in keeping with the current and historical use of the existing Rainbow Springs development. You will know better than we that an average flow of 141 gallons per day per connection represents the current usage and that the provision of 160 GPS per home will likely allow for any demographic changes within the new development proposals we have made.

In closing, we would confirm that Rainbow Springs Limited owns fee title to the subject lands and looks forward to your continued co-operation.

Yours truly,
RAINBOW SPRINGS LIMITED

By: RAINBOW FLORIDA, LLC, its Sole General Partner

By: 
Thomas A. Clarke, Vice President



Rainbow Springs

Central Florida's Award Winning Active Lifestyle Community

September 5, 2006

Mr. Ernie Porco
Senior Vice President
Chase Enterprises
225 Asylum Street, 29th Floor
Hartford, Connecticut 06103-1538

RE: Rainbow Springs Utility
Rainbow's End Development

Dear Ernie:

We are now proceeding with an application to develop approximately 80 one-half acre lots on the 9-hole Rainbow's End Golf Course.

Given the current sewage issue, as it relates to Tract A, as well as the distance involved (plus or minus $\frac{3}{4}$ of a mile) to connect with Rainbow Springs Utilities existing system, the cost to provide service is prohibitive considering the number of units to be built. We are investigating various septic systems which will comply with the Marion County statutes.

It is our intent, however, to provide central water service either through connection to your existing system or by drilling potable wells on the property. It is my understanding that water capacity is not an issue with regard to accommodating this additional service.

Whichever option proves most viable we will install the water system and turn over the operation to Rainbow Springs Utilities upon your concurrence.

As always, timing is an issue. Would you kindly respond with your agreement or queries prior to September 25 so that our application may move forward as quickly as possible.

Sincerely,

Don Newman
Vice President

DN/np

cc: T. Clarke
E. Salzberg