

ORIGINAL

CLASS B
WATER AND/OR WASTEWATER UTILITIES

FINANCIAL, RATE
AND ENGINEERING
MINIMUM FILING
REQUIREMENTS

OF

Company: Indiantown Company, Inc.

Exact Legal Name of Utility

VOLUME IIIb



FOR THE

Test Year Ended: June 30, 1999

DOCUMENT NUMBER-DATE

15729 DEC 27 88

ORIGINAL

**Indiantown Company, Inc.
Additional Engineering Information
Index**

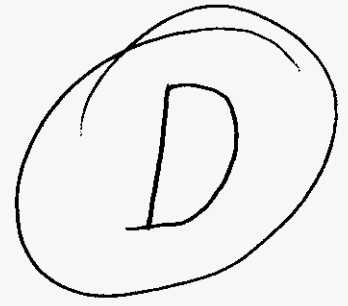
**Volume IIIa
Schedule**

- A** **Chemicals used for water and sewer treatment by type, dollar amounts, quantities purchased, unit prices, and dosage rates**
- B** **Copy of the most recent Chemical Analysis**
- C** **Copies of Water and Wastewater Operating Reports for the test year and the preceding year**

**Volume IIIb
Schedule**

- D** **Copy of the most recent Water Plant Sanitary Survey & Wastewater Inspection Report**
- E** **Copy of Health Department & DER Construction/Operating Permits for Water & Wastewater**
- F** **Copies of Violation Notices, Consent Orders, Letters of Notice or Warning Notices for the previous five years, including Utility response**
- G** **List of all field employees, responsibilities and duties, certificates held, and an explanation of each employee's salary allocation method to expense accounts**
- H** **Serial Numbers and description of all vehicles owned by the Utility, original cost, person vehicle is assigned to, and the method of allocation to the Utility**
- I** **List of customer complaints during the test year and Utility response**
- J** **Information required for investment in public interest**

DOCUMENT NUMBER-DATE
15729 DEC 27 88
FPSC-RECORDS/REPORTING



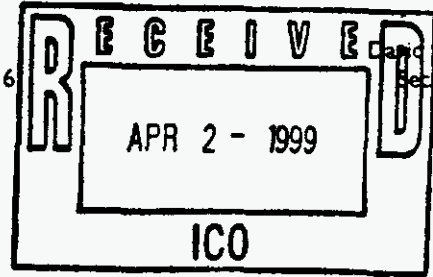
Water Sanitary Survey



Department of Environmental Protection

Jeb Bush
Governor

Southeast District
P.O. Box 15425
West Palm Beach, Florida 33416



David B. Struhs
Secretary

43

MAR 31 1999

Jim Hewitt, Superintendent
Indiantown Water Company
P.O. Box 397
Indiantown, Florida 34956

PW-Martin County
Indiantown Water Company
Public Water System
PWS #4430667
Correspondence

Re: 1999 Compliance Inspection

Dear Mr. Hewitt:

On March 24, 1999, Department staff conducted a routine inspection of the referenced system. No deficiencies were noted during the inspection; however, it was observed that preparations to install a new generator were underway. **As discussed during the inspection, a Department permit will be required for the proposed generator.** Please be advised that it is a violation of Department rules to modify a system without first obtaining a Department permit. Also, please be reminded that if you wish to reactivate the Calciquest feed system, you will need to submit the enclosed "Notice of Intent to Use General Permit for Corrosion Control for Small and Medium Systems" and obtain Department approval for use of the Calciquest. Please note that a P.E. is not required for the corrosion control general permit; you may complete the form and submit it to this office along with the \$100 application fee.

Thank you for your attention to this matter. If you have any questions, please contact Michele Owens of this office at 561/681-6751.

Sincerely,

Alfred Mueller, Jr., P.E., P.G.
Water Facilities Administrator

AM:mg

Enclosure

cc: Scott Eckler, P.E. - Lindahl, Browning, Ferrari & Hellstrom (w)



Department of Environmental Protection

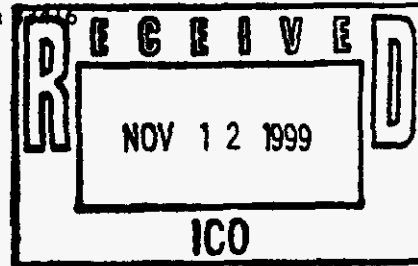
Jeb Bush
Governor

Southeast District
P.O. Box 15425
West Palm Beach, Florida

David B. Struhs
Secretary

NOV 05 1999

Certified Mail
Return Receipt Requested



In the Matter of an Application
for Permit by:

Robert M. Post, Jr., President
Indiantown Company, Inc.
P. O. Box 387
Indiantown, Florida 34956

DEP File No. 0042396-001-WC
Martin County

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number 0042396-001-WC to modify a community public water supply system consisting of installation of a new emergency generator, issued under Section 403, of the Florida Statutes.

The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under sections 120.569 and 120.57 of the Florida Statutes before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received by the clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Petitions by the applicant or any of the parties listed below must be filed within fourteen days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first.

Under section 120.60(3) of the Florida Statutes, however, any person who has asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition or request for mediation within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with rule 28-106.205 of the Florida Administrative Code.

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Permit Iss_Post

Printed on recycled paper.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

- a) The name, address, and telephone number of each petitioner; the Department permit identification number and the county in which the subject matter or activity is located;
- b) A statement of how and when each petitioner received notice of the Department action;
- c) A statement of how each petitioner's substantial interests are affected by the Department action;
- d) A statement of the material facts disputed by the petitioner, if any;
- e) A statement of facts that the petitioner contends warrant reversal or modification of the Department action;
- f) A statement of which rules or statutes the petitioner contends require reversal or modification of the Department action; and
- g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take.

A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by rule 28-106.301.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In addition to requesting an administrative hearing, any petitioner may elect to pursue mediation. The election may be accomplished by filing with the Department a mediation agreement with all parties to the proceeding (i.e., the applicant, the Department, and any person who has filed a timely and sufficient petition for a hearing). The agreement must contain all the information required by rule 28-106.404. The agreement must be received by the clerk in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, within ten days after the deadline for filing a petition, as set forth above. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement.

As provided in section 120.573 of the Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by sections 120.569 and 120.57 for holding an administrative hearing and issuing a final order. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons seeking to protect their substantial interests that would be affected by such a modified final decision must file their petitions within fourteen days of receipt of this notice, or they shall be deemed to have waived their right to a proceeding under sections 120.569 and 120.57. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the


administrative hearing processes under sections 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

This action is final and effective on the date filed with the Clerk of the Department unless a petition (or request for mediation) is filed in accordance with the above. Upon the timely filing of a petition (or request for mediation) this order will not be effective until further order of the Department.

Any party to the order has the right to seek judicial review of the order under section 120.68 of the Florida Statutes, by the filing of a notice of appeal under rule 9.110 of the Florida Rules of Appellate Procedure with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when the final order is filed with the Clerk of the Department.

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


Alfred Mueller, Jr., P.E., P.G. 11/4/99 Date
Water Facilities Administrator
Southeast District


AM/id/lt

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed by certified mail before the close of business on NOV 05 1999 to the listed persons.

FILING AND ACKNOWLEDGMENT

FILED, on this date, under section 120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.


Clerk NOV 05 1999 Date

cc: Ted E. Robbins, P.E. - LBF&H, Inc.
Michele Owens, Drinking Water Compliance/Enforcement Section, DEP/WPB



Department of Environmental Protection

Job Bush
Governor

Southeast District
P.O. Box 15425
West Palm Beach, Florida 33416

David B. Struhs
Secretary

PERMITTEE:

Robert M. Post, Jr., President
Indiantown Company, Inc.
P. O. Box 387
Indiantown, Florida 34956

I.D. NUMBER: 4430667

PERMIT/CERTIFICATION NUMBER: 0042396-001-WC

DATE OF ISSUE: NOV 05 1999

EXPIRATION DATE: NOV 04 2004

COUNTY: Martin

SECTION/TOWNSHIP/RANGE: 6/40S/39E

PROJECT: Indiantown Water Treatment Plant (WTP)
Emergency Generator Addition

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-550, 62-555 and 62-560. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TO CONSTRUCT: Modifications of an existing community public water supply system consisting of installation of an emergency generator with, **no increase in overall rated plant capacity.** The existing treatment process includes a ground water source consisting of eight supply wells, settling, filtration, disinfection by gas chlorination, and ground storage. This permit does not include any service connections.

PROPOSED CONSTRUCTION INCLUDES: A 250 kilowatt (kW), three phase, 60 Hertz emergency generator (in-place) equipped with an automatic start-up/switch-over device. The generator is proposed to supply auxiliary power to four well pumps, including one 20-horsepower (hp) pump (No. 1) rated for 450 gallons per minute (gpm), one 10-hp pump (No. 2) rated for 110 gpm, one 7.5-hp pump (No.3) rated for 140 gpm and one 5-hp pump (No. 4) rated for 50 gpm for a total raw water capacity of 1.080 million gallon per day (mgd); three 50-hp high service pumps (HSPs) (Nos. 1, 2 and 3) each rated for 900 gpm for a total pumping capacity of 3.88 mgd; one 75-hp filter backwash pump rated for 1,250 gpm; two ¾-hp chemical feed pumps; one 2-hp and two 1-hp air compressors (for the hydropneumatic tank); meters and loss-of-chlorination capability alarm. This will provide auxiliary power together with storage capacity (500,000 gallon storage tank) for operation of the source, treatment units and pumps at a rate equal to or greater than one-half the current maximum daily flow (MDF) of 900,000 gallons. The existing 40 kW emergency generator is proposed to provide a second level of back-up power for HSP No. 2.

IN ACCORDANCE WITH: The construction permit application dated August 4, 1999, an engineering report and construction drawing, Sheet 1 of 1 prepared by Ted E. Robbins, P.E., received by DEP on August 18, 1999; and additional information prepared by Ted E. Robbins, P.E., received by DEP on September 29, 1999.

LOCATED AT: 15851 West Farms Road, Indiantown in Martin County, Florida.

TO SERVE: Indiantown public water supply service area with 1705 service connections.

SUBJECT TO: General Conditions 1-15 and Specific Conditions 1-4.

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Beac-001

Printed on recycled paper.

6

PERMITTEE:
Robert M. Post, Jr., President
Indiantown Company, Inc.

I.D. NUMBER: 4430667
PERMIT/CERTIFICATION NUMBER: 0042396-001-WC
DATE OF ISSUE: NOV 0 5 1999
EXPIRATION DATE: NOV 0 4 2004

GENERAL CONDITIONS:

The following General Conditions are referenced in Florida Administrative Code Rule 62-4.160.

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
 - a. Have access to and copy any records that must be kept under conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - c. Sample or monitor any substances or parameters at any location reasonable necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.
8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation information:
 - a. A description of and cause of noncompliance; and
 - b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

PERMITTEE:
Robert M. Post, Jr., President
Indiantown Company, Inc.

I.D. NUMBER: 4430667
PERMIT/CERTIFICATION NUMBER: 0042396-001-WC
DATE OF ISSUE: NOV 0 5 1999
EXPIRATION DATE: NOV 0 4 2004

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Section 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.
11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300 F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - a. Determination of Best Available Control Technology (BACT)
 - b. Determination of Prevention of Significant Deterioration (PSD)
 - c. Certification of compliance with state Water Quality Standards (Section 401, PL 92-500)
 - d. Compliance with New Source Performance Standards
14. The permittee shall comply with the following:
 - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - c. Records of monitoring information shall include:
 1. the date, exact place, and time of sampling or measurements;
 2. the person responsible for performing the sampling or measurements;
 3. the dates analyses were performed;
 4. the person responsible for performing the analyses;
 5. the analytical techniques or methods used;
 6. the results of such analyses.
15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

PERMITTEE:
Robert M. Post, Jr., President
Indiantown Company, Inc.

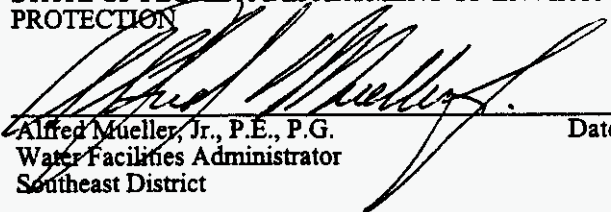
I.D. NUMBER: 4430667
PERMIT/CERTIFICATION NUMBER: 0042396-001-WC
DATE OF ISSUE: NOV 05 1999
EXPIRATION DATE: NOV 04 2004

SPECIFIC CONDITIONS:

1. The permittee shall retain a Florida-registered professional engineer as the engineer of record for this project. Upon completion of construction and prior to placing the project into service, the engineer of record or the system's professional engineer who was responsible for overseeing construction, shall submit a certification of completion to the Department. Certification shall be on DEP Form 62-555.910(9). [Ref. 62-555.520 and 62-555.345]
2. Along with the engineer's certification, two sets of revised record drawings shall be provided showing any deviations from the construction permit and approved plans and specifications. Drawings are to be at the same scale and in the same sequence as those submitted and approved for permit. Deviations from the original permitted drawings are to be noted for Department review. [Ref. 62-555.910(9)]
3. The installation or repair of any public water system, or any plumbing in a residential or nonresidential facility providing water for human consumption which is connected to a public water system shall be lead free. [Ref. 62-555.322(1)]
4. This permit only covers the specific items addressed in the applicant's permit application package. Other existing system components were not reviewed for compliance with current standards, and issuance of this permit does not certify that those components meet standards.

Issued this 4TH day of November 1999

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL
PROTECTION


Alfred Mueller, Jr., P.E., P.G.
Water Facilities Administrator
Southeast District

Date

AM/d/t

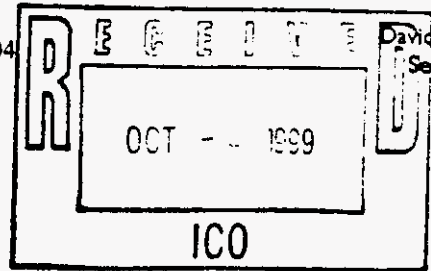
Wastewater Inspection Report



Department of Environmental Protection

Jeb Bush
Governor

Port St. Lucie Branch Office
1801 SE Hillmoor Drive, Suite C-204
Port St. Lucie, FL 34952
(561)871-7662 or (561)335-4310
Fax #: (561)871-7666



David B. Struhs
Secretary

#3

SEP 30 1999

Mr. Robert M. Post, Jr., President
Indiantown Company
Post Office Box 397
Indiantown, FL 34956

DW - Martin County
Indiantown Company WWTF
Facility #: FL0029939

RE: Performance Audit Inspection (PAI) conducted at the Indiantown Company Wastewater Treatment Facility

Dear Mr. Post:

I want to thank you for the courtesy extended by Mr. Dean Smiley, Operator, during the inspection of the facility on July 29, 1999.

The facility received a satisfactory rating in all of the facility compliance evaluation areas rated with the exception of Sampling, Facility Site Review and Disposal Method. These areas received an unsatisfactory rating due to the deficiencies identified in the attached inspection report.

Please note that the evaluation of the Laboratory will be sent under separate cover.

The Department requests that you respond within fifteen (15) days of receipt of this notice with documentation that the deficiencies have been corrected or with a plan for achieving compliance. If the problems are not resolved in a timely manner, the Department may take enforcement action. If you have any questions, please contact Jeff Christian at one of the above telephone numbers.

Sincerely,


William J. Tiel
Environmental Specialist

WJT/JC/lmw

cc: John Petronio, Domestic Wastewater Compliance/Enforcement, DEP/WPB
Michael Tanski, Compliance Coordinator, MS #3550, DEP/TLH
Dean Smiley, Operator, Indiantown Company

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

@ = Optional

Name and Physical Location of Facility: **IndianTown Company WWTf**
 169th Avenue and Palm Bch. Street
 IndianTown FL.

WAFR ID: **FLA0029939**

County: **Martin**

Entry Date/Time: **990729 1430**

Phone: _____

@ Exit Date/Time: **990729 1650**

Name(s) of Field Representatives(s): **Mr. Dean Smiley**

Title: **Operator**

Phone: _____

@ Operator Certification #: _____

Name and Address of Permittee or Designated Representative: **Mr. Robert M. Post Jr.**
 IndianTown Company
 P.O. Box 397
 IndianTown FL 34956

Title: **President**

Phone: _____

@ Operator Certification #: _____

Inspection Type: **PAI** Samples Taken(Y/N): Sample ID#: _____ Samples Split (Y/N): _____

Domestic Industrial Were Photos Taken(Y/N): @ Log book Volume: _____ @ Page: _____

FACILITY COMPLIANCE AREAS EVALUATED

S=Satisfactory; M=Minor; U=Unsatisfactory; Blank=Not Evaluated

Unsatisfactory Ratings in Areas Marked by a "Diamond (♦)" Will Always put the Facility Status in Significant Non-Compliance

PERMITS/ORDERS	SELECTION/OPERATIONS	PERMITS/ORDERS	SELECTION/OPERATIONS
S 1. ♦ Permit	3. Laboratory <i>Pending</i>	U 6. Facility Site Review	S 9. ♦ Effluent
S 2. ♦ Compliance Schedules	4. Sampling	S 7. Flow Measurement	U 10. ♦ Disposal
13. Other:	S 5. ♦ Records & Reports	S 8. ♦ Operation & Maintenance	11. Residuals Management
			12. Groundwater

Facility and/or Order Compliance Status: In-Compliance Minor-Out-Of-Compliance Significant-Out-Of-Compliance

Recommended Actions

Name(s) and Signature(s) of Inspector(s): **Jeff Christian** *Jeff Christian*

District Office/Phone Number: **Southeast/(561) 871-7662**

Date: **990729**

@ Signature of Reviewer: _____

District Office/Phone Number: _____

Date: _____

Fill Out This Section For All Surface Water Discharger Inspections (CEI, CSI, CBI, PAI, XSI, RI)

Transaction Code: **N S** NPDES Number: **FL0029939** YR/MO/DA: **990729** Insp Type: **A** Inspector: **25** Fac Typ: **32**

ADDITIONAL NPDES COMMENTS

Inspection Type (Field 1) A=PAI, B=CBI, C=CEI, S=CSI, X=XSI, R=RI
 Inspection Code (Field 2): S=State, J=Joint EPA/State-EPA Lead, T=Joint State/EPA-State Lead, L=Local Program
 Facility Type (Field 3): 1=Municipal (Publicly Owned), 2=Industrial and Privately Owned Domestic,
 3= Agricultural, 4=Federal
 Every other field is self explanatory

COMPLIANCE EVALUATION INSPECTION

Indiantown Company
Wastewater Management Facility, Martin County
Facility #: FL0029939

INTRODUCTION

On July 29, 1999, a representative of the Florida Department of Environmental Protection (FDEP) conducted a Performance Audit Inspection (PAI) at the Indiantown Company Wastewater Management Facility, located at 168th Avenue & Palm Beach Street, Indiantown, Florida.

The purpose of the PAI was to determine if the facility is operating in accordance with permit requirements.

The following individuals were present during the inspection:

NAME	ORGANIZATION	TELEPHONE
Jeff Christian	FDEP	(561)871-7662
Dean Smiley	Indiantown Company	(561)597-2121

Field Evaluation

The facility compliance areas of the attached Wastewater Compliance Inspection Report form are discussed in this report.

1) Permit

Domestic Wastewater Permit: FL0029939-001-DW1P
Issue Date - January 12, 1999
Expiration Date - January 11, 2004

Domestic Wastewater Permit FL0029939-001-DW1P reissued
as FL0029939-003-DW1

Issue Date - May 21, 1999
Expiration Date - January 11, 2004

Domestic Wastewater Permit Revision: FL0029939-002-DWIP

Issue Date - March 31, 1999
Expiration Date - January 11, 1999

Copies of the permits were on site for reference by the operator.

Rating: Satisfactory

Indiantown Company WWTF
Compliance Evaluation Inspection
Page Two

2) **Compliance Schedule**

The following item was noted:

- Mr. Mike Bechtold, FDEP Professional Engineer, verbally granted the facility an extension of time to submit an industrial user survey for the development of a pretreatment program.

Rating: Satisfactory

3) **Laboratory**

The following item was noted:

- The facility's reportable analyses are currently performed by Short Environmental Laboratory. The lab possesses a current certification, E-85458 with the Department of Health.

The evaluation of the Laboratory will be sent under separate cover.

4) **Sampling**

The following items were noted:

- Influent and effluent samples are manually collected once per hour for eight hours, and composited. Samples are collected from the proper location.
- The pH meter is calibrated daily with two standard solutions.
- The Hach Pocket Colorimeter is being calibrated prior to chlorine analyses.

The following deficiency was noted:

- The required total suspended solids sampling and analyses for monitoring location site number EFF-7, are not being performed.

Rating: Unsatisfactory

5) **Records and Reports**

The following items were noted:

Indiantown Company WWTF
Compliance Evaluation Inspection
Page Three

- A logbook documenting the collection of eight hour composite samples was available.
- The self monitoring data including Monthly Operating Reports (MORs) and Discharge Monitoring Reports (DMRS) are being received by the Department.

No deficiencies were noted.

Rating: Satisfactory

6) Facility Site Review

The following items were noted:

- The facility was equipped with two functional blowers.
- The facility was equipped with an automatic chlorine switchover system.
- The chlorine storage shed was equipped with a functional ventilation fan.
- The potable water supply line was equipped with two backflow prevention devices.
- Water level measuring staff gauges have been installed in each pond that is equipped with an emergency overflow discharge pipe.
- The facility was equipped with a functional generator.

The following deficiency was noted:

- An influent flow meter has not yet been installed.

Rating: Unsatisfactory

7) Flow Measurement

The following item was noted:

- Flow measurement is accomplished with a Stevens Chart Recorder/Totalizer and a V-Notch weir. The flow measurement device was calibrated on March 17, 1999.

No deficiencies were noted.

Rating: Satisfactory

8) **Operation and Maintenance**

The following items were noted:

- The plant appeared to be receiving sufficient aeration. No abnormal odors were noted. Air distribution in the aeration basins was even and mixed liquor color was normal.
- The surface of the clarifier was clean and equipped with a functional skimmer.
- The plant was receiving chlorination and the on site supply was satisfactory.
- The facility is equipped with six (6) tertiary filters which were rebuilt in December, 1998.
- The generator is exercised approximately every two weeks.

Rating: Satisfactory

9) **Effluent**

The following item was noted:

- The effluent appearance was clear and no solids were present.

No deficiencies were noted.

Rating: Satisfactory

10) **Disposal Method**

The following items were noted:

- The percolation pond volumes on site and off were satisfactory.
- The emergency discharge pipes for percolation ponds # 1, 2, and 3, and both off site ponds are in satisfactory condition.
- The berms of the two off site percolation pond have been regraded and the pond bottoms leveled.

Indiantown Company WWTF
Compliance Evaluation Inspection
Page Five

- All of the percolation ponds will soon be in need of vegetative maintenance.
- The drip irrigation system for disposal site R003, has been repaired.

The following deficiency was noted:

- The reuse site R003, consisting of a twenty five (25) acre nursery operation, is in need of vegetative maintenance.

Rating: Unsatisfactory

11) Residuals Management

Not evaluated.

12) Groundwater

Not evaluated.

PAYMENT OFFICE:
15925 SW Warfield Blvd.
P. O. Box 397
Indiantown, FL 34956
561-597-2121



PLANT OFFICE:
15851 SW Farms Road
P. O. Box 397
Indiantown, FL 34956
561-597-2122
Fax 561-597-5067

INDIANTOWN COMPANY, INC.

"The Community Planned for Pleasant Living"

October 27, 1999

Department Of Environmental Protection
Atten: Mr. William J. Thiel, E.S.
Port St. Lucie Branch Office
1801 SE Hillmoor Drive, Suite C-204
Port St. Lucie, Florida 34952

Re: PAI, Indiantown Wastewater Treatment

Dear Bill,

I will address each of the deficiencies by line item per your Compliance Evaluation Inspection.

4) Sampling: I had sampled TSS on EFF#7 in the past per verbal request by DEP. The permit received on January 12, 1999 had deleted the need for TSS on EFF #7 and was not asked for on the DMR. Permit received on May 21, 1999 requested we begin sampling TSS on EFF #7 again and was overlooked until PAI inspection on July 29, 1999. I would like to note, this is not a change we requested in the permit, it was just thrown back in. I began sampling on August 03, 1999.

6) Facility Site Review: We are waiting on a response from Mike Bechtold on the influent flow meter. A letter was sent to him from Ted Robins of Lindahl, Browning, Ferrari and Hellstrom, Inc. our Engineers on that issue.

10) Disposal Method: Reuse site R003 is under maintenance contract. We have informed the contractor of the deficiency and were assured it will be taken care of.

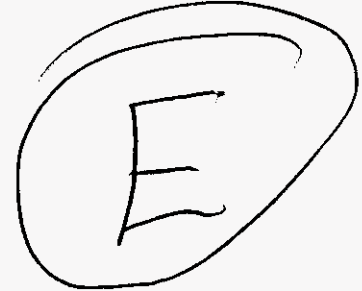
I hope this addresses your concerns to the fullest. As always, I strive to keep the plant in top running condition for the health and well being of the community.

If I can be of any further assistance, please call my office at 561-597-3496

Sincerely,

A handwritten signature in black ink, appearing to read "Dean Smiley". The signature is stylized and cursive.

Dean Smiley
Asst. Superintendent w/ww



Wastewater Operating Permit



Department of Environmental Protection

Jeb Bush
Governor

Southeast District
P.O. Box 15425
West Palm Beach, Florida 33416

David B. Struhs
Secretary

MAY 21 1999

CERTIFIED MAIL

In the Matter of an
Application for Permit by:

Mr. Robert Post, President
Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

DEP Application Number (No.) FL0029939-003-DW1
Martin County
DW - Indiantown Company Wastewater Treatment
Plant/Activate R003 Nursery Operation (Part II Reuse)
DEP Permit No. FL0029939-003-DW1

NOTICE OF PERMIT REISSUANCE

Enclosed is Reissued Permit Number FL0029939-003-DW1 with revised Fact Sheet dated March 30, 1999, to activate Reuse Site Number R003: Nursery Operation (Part II Reuse) issued under Section 403 of the Florida Statutes.

A person whose substantial interests are affected by the proposed permitting decision of the Department may petition for an administrative hearing in accordance with sections 120.569 and 120.57 of the Florida Statutes, or all parties may reach a written agreement on mediation as an alternative remedy under section 120.573 before the deadline for filing a petition. Choosing mediation will not adversely effect the right to a hearing if mediation does not result in a settlement. The procedures for petitioning for a hearing are set forth below, followed by the procedures for pursuing mediation.

The petition must contain the information set forth below and must be filed (received) in the Department of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any other person must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes, or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the discretion of the presiding officer upon the filing of a motion in compliance with rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information:

- (a) The name, address, and telephone number of each petitioner; the Department permit identification number and the county in which the subject matter or activity is located;
- (b) A statement of how and when each petitioner received notice of the Department action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department action;
- (d) A statement of the material facts disputed by the petitioner, if any;

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

- (e) A statement of facts that the petitioner contends warrant reversal or modification of the Department action;
- (f) A statement of which rules or statutes the petitioner contends require reversal or modification of the Department action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the final action of the Department may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Any person may elect to pursue mediation by reaching a mediation agreement with all parties to the proceeding (which includes the Department and any person who has filed a timely and sufficient petition for a hearing) and by showing how the substantial interests of each mediating party are affected by the Department action or proposed action. The agreement must be filed in (received by) the Department of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, by the same deadline as set forth above for the filing of a petition.

The agreement to mediate must include the following:

- (a) The names, addresses, and telephone numbers of any persons who may attend the mediation;
- (b) The name, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time;
- (c) The agreed allocation of the costs and fees associated with the mediation;
- (d) The agreement of the parties on the confidentiality of discussions and documents introduced during mediation;
- (e) The date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen;
- (f) The name of each party's representative who shall have authority to settle or recommend settlement;
- (g) Either an explanation of how the substantial interests of each mediating party will be affected by the action or proposed action addressed in this action or a statement clearly identifying the petition for hearing that each party has already filed, and incorporating it by reference; and
- (h) The signatures of all parties or their authorized representatives.

As provided in section 120.573 of the Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by section 120.569 and 120.57 for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons whose substantial interests will be affected by such a modified final decision of the Department have a right to petition for a hearing only in accordance with the requirements for such petitions set forth above, and must therefore file their petitions within fourteen days of receipt of this notice. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under section 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.


This action is final and effective on the date filed with the Clerk of the Department unless a petition (or request for mediation) is filed in accordance with the above. Upon the timely filing of a petition (or request for mediation) this order will not be effective until further order of the Department.

Any party to the order has the right to seek judicial review of the order under section 120.68 of the Florida Statutes, by the filing of a notice of appeal under rule 9.110 of the Florida Rules of Appellate Procedure with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida,

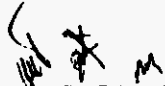
32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when the final order is filed with the Clerk of the Department.

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

sv

Carlos Rivero-deAguilar
Director of District Management
Southeast District

5/21/99
Date


CRA/AM/BLR/mwb: FL0029939-003-DW1

Copies furnished to:

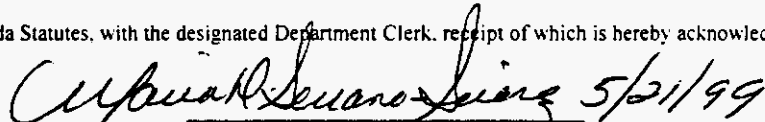
- Francine Ffolkes, OGC/TLH
- John Coates, DEP/TLH
- John Petronio, DEP/WPB
- William Thiel, DEP/PSL
- Martin County Health Department
- Steven Doyle, Lindahl, Browning, Ferrari & Hellstrom, Inc.
- EPA

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF DRAFT PERMIT and all copies were mailed by certified mail before the close of business on 5/21/99 to the listed persons.

FILING AND ACKNOWLEDGMENT

FILED, on this date, under section 120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.


[Clerk] 5/21/99 [Date]



Department of Environmental Protection

Jeb Bush
Governor

Southeast District
P.O. Box 15425
West Palm Beach, Florida 33416

David B. Struhs
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

MAY 21 1999

PERMITTEE:

Indiantown Company
Mr. Robert Post, President
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER:

FL0029939-003-DW1

ISSUANCE DATE:

MAY 21 1999

EXPIRATION DATE:

January 11, 2004

FACILITY I.D. NO.:

FL0029939 (Minor)

APPLICATION NO.:

FL0029939-003-DW1

GMS NUMBER

5143P03291

FACILITY:

Indiantown Company Wastewater Treatment Plant
15851 S.W. Farms Road
Martin County
Indiantown, FL 34956
Latitude: 27° 00' 49" N Longitude: 80° 28' 32" W

This permit is **reissued** under the provisions of Chapter 403, Florida Statutes (FS), and applicable rules of the Florida Administrative Code (FAC) and constitutes authorization to discharge to waters of the state under the National Pollutant Discharge Elimination System. The above named Permittee is hereby authorized to operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TREATMENT FACILITIES:

The Waste Water Treatment Facility (WWTF) consists of an existing 1.0 mgd contact stabilization WWTF with effluent disposal via percolation ponds. The WWTF is limited to 0.75 mgd three (3)-month average daily flow (TMADF) due to limited effluent disposal capacity. The treatment components consist of a manually cleaned influent bar screen; an equalization basin (completed waiting authorization to be placed into service); a 152,215-gallon contact tank; a 267,430-gallon reaeration tank; a 147,900-gallon secondary clarifier with a surface area of 1,564 sq. ft., and a weir length of 260 feet; a 26,172-gallon chlorine contact tank with disinfection provided by gas chlorination; and a 224,610-gallon aerobic residual digester. The effluent is filtered prior to being discharged to the off-site reuse sites (R002 and R003). Effluent is disposed of at seven (7) on site percolation ponds with a total pond area of 10 acres, and at two (2) off-site percolation ponds with a total pond area of 4 acres. A former 25-acre citrus grove has been converted to a nursery operation (Part II Reuse). There are three (3) emergency/wet weather overflow lines from the on-site percolation ponds to Rowland Canal to St. Lucie Waterway and two (2) emergency overflow lines from the off-site percolation ponds to an unnamed drainage ditch to St. Lucie Waterway. The plant is equipped with a 100 kW emergency power generator.

REUSE:

Surface Water Discharge: There are three (3) emergency/wet weather overflow lines that have the potential to discharge to Rowland Canal to St. Lucie Waterway at Discharge Locations (D001 D002, and D003). The discharge points are located approximately at latitude 27° 00' 49" N, longitude 80° 28' 32" W.

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

Land Application: An existing 0.4 mgd annual average daily flow (AADF) permitted capacity rapid infiltration basin permitted under Rule 62-610.500, FAC (Part IV), (R001) consisting of seven (7) percolation ponds (10.0 Acres) located at the Wastewater Treatment Plant (WWTP) site. Land application system R001 is located approximately at latitude 27° 00' 49" N, longitude 80° 28' 32" W.

Land Application: An existing 0.107 mgd AADF permitted capacity rapid infiltration basin permitted under Rule 62-610.500, FAC (Part IV), (R002) consisting of two percolation ponds (4.0 Acres) several miles from the wastewater treatment plant site. Land application system R002 is located approximately at latitude 27° 00' 50" N, longitude 80° 28' 25" W. and two (2) emergency overflow lines which have the potential to discharge to an unnamed drainage ditch to St. Lucie Waterway (Class III fresh waters) are located approximately at latitude 27° 00' 50" N, longitude 80° 28' 25" W.

Land Application: An existing 0.143 mgd AADF permitted capacity slow-rate restricted public access system permitted under Rule 62-610.400, FAC (Part II), (R003) consisting of 25-acres nursery operation. The site is not operational until the irrigation system is repaired. Land application system R003 is located approximately at latitude 27° 00' 50" N, longitude 80° 28' 25" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions as set forth in Pages 1 through 36 of this permit.

*Plant - Permitted on 3 MO. Avg. flow.
Ponds - Permitted on AVG. Annual flow.*

THIS SPACE INTENTIONALLY LEFT BLANK

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Surface Water Discharges

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the Permittee is authorized to maintain an emergency overflow Outfall D001 to Rowland Canal. A discharge is allowed only during and up to 48 hours after the cessation of a 10-year storm event. Such discharge shall be limited and monitored by the Permittee as specified below:

Parameter	Units	Max/Min	Reclaimed Water Limitations				Monitoring Requirements			
			Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow	mg	Report	-	Total	-	Daily flow	Continuous during any overflow	Calculated Flow	EFF-1	See Cond. I. A. 5. & 8.
Oxygen, Dissolved (DO)	mg/L	Minimum	-	-	-	5.0	Daily during any overflow	Grab	EFF-1	See Cond. I. A. 9. and 10.
pH	std. units	Range	-	-	-	6.0 to 8.5	Daily during any overflow	Grab	EFF-1	See Cond. I. A. 9. A. 10 and B.3.
Total Residual Chlorine (For Dechlorination)	mg/l.	Maximum	-	-	-	0.01	Daily during any overflow	Grab	EFF-1	See Cond. I. A. 9. and 10.
Percolation Pond Water Elevation	feet	Report	-	-	-		6 Days/Week	Staff gauge	EFF-1	See Cond. I. A. 6.
96-hr Acute Static Renewal <i>Cyprinella leedsi</i>	% effluent	Minimum				I.C 50 >100.0 %	Annual	four grab samples during a 24 hour day	EFF-1	See Cond. I. A.7
96-hr Acute Static Renewal- <i>Ceriodaphnia Dubia</i>	% effluent	Minimum				I.C 50 >100.0 %	Annual	four grab samples during a 24 hour day	EFF-1	See Cond. I. A.7

25

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

2. During the period beginning on the issuance date and lasting through the expiration date of this permit, the Permittee is authorized to maintain an emergency overflow Outfall D002 to Rowland Canal. A discharge is allowed only during and up to 48 hours after the cessation of a 10-year storm event. Such discharge shall be limited and monitored by the Permittee as specified below:

Parameter	Units	Max/Min	Reclaimed Water Limitations				Monitoring Requirements			
			Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow	mg	Report	-	Total	-	Daily flow	Continuous during any overflow	Calculated Flow	EFF-2	See Cond. I. A. 5. & 8.
Oxygen, Dissolved (DO)	mg/l.	Minimum	-	-	-	5.0	Daily during any overflow	Grab	EFF-2	See Cond. I. A. 9. and 10.
pH	std. units	Range	-	-	-	6.0 to 8.5	Daily during any overflow	Grab	EFF-2	See Cond. I. A. 9. A. 10 and B.3.
Total Residual Chlorine (For Dechlorination)	mg/L	Maximum	-	-	-	0.01	Daily during any overflow	Grab	EFF-2	See Cond. I. A. 9. and 10.
Percolation Pond Water Elevation	feet	Report	-	-	-		6 Days/Week	Staff gauge	EFF-2	See Cond. I. A. 6.
96-hr Acute Static Renewal Cyprinella leedsi	% effluent	Minimum				LC 50 >100.0 %	Annual	four grab samples during a 24 hour day	EFF-2	See Cond. I. A.7
96-hr Acute Static Renewal-Ceriodaphnia Dubia	% effluent	Minimum				LC 50 >100.0 %	Annual	four grab samples during a 24 hour day	EFF-2	See Cond. I. A.7

26

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

3. During the period beginning on the issuance date and lasting through the expiration date of this permit, the Permittee is authorized to maintain an emergency overflow Outfall D003 to Rowland Canal. A discharge is allowed only during and up to 48 hours after the cessation of a 10-year storm event. Such discharge shall be limited and monitored by the Permittee as specified below:

Parameter	Units	Max/Min	Reclaimed Water Limitations				Monitoring Requirements			
			Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow	mg	Report	-	Total	-	Daily flow	Continuous during any overflow	Calculated Flow	EFF-3	See Cond. I. A. 5. & 8.
Oxygen, Dissolved (DO)	mg/L	Minimum	-	-	-	5.0	Daily during any overflow	Grab	EFF-3	See Cond. I. A. 9. and 10.
pH	std. units	Range	-	-	-	6.0 to 8.5	Daily during any overflow	Grab	EFF-3	See Cond. I. A. 9. A. 10 and B.3.
Total Residual Chlorine (For Dechlorination)	mg/L	Maximum	-	-	-	0.01	Daily during any overflow	Grab	EFF-3	See Cond. I. A. 9. and 10.
Percolation Pond Water Elevation	feet	Report	-	-	-		6 Days/Week	Staff gauge	EFF-3	See Cond. I. A. 6.
96-hr Acute Static Renewal Cyprinella lecdsi	% effluent	Minimum				1.C 50 >100.0 %	Annual	four grab samples during a 24 hour day	EFF-3	See Cond. I. A.7
96-hr Acute Static Renewal-Ceriodaphnia Dubia	% effluent	Minimum				1.C 50 >100.0 %	Annual	four grab samples during a 24 hour day	EFF-3	See Cond. I. A.7

27

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

4. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Conditions I. A. 1 through I. A. 3. and as described below:

Monitoring Location Site Number	Description of Monitoring Location
EFF-1	Overflows from On-site Percolation Pond Number 1
EFF-2	Overflows from On-site Percolation Pond Number 2
EFF-3	Overflows from On-site Percolation Pond Number 3

5. Whenever the discharge occurs in excess of one (1) hour, flow measurement shall be calculated based on flow in pipe calculations or other method approved by the District Office. A discharge is allowed only when rain falling on the active land application site(s) or on the area contributing drainage to the percolation pond(s) and the surface area of the pond(s) exceeds the 10-year storm event and/or up to 48 hours after the cessation of such storm event. (See Curve Condition I. A. 8.) An active land application site is defined as one that has received reclaimed water within 7 days prior to a storm event resulting in a discharge. The Permittee shall notify the Department within 24 hours of a discharge to surface waters. In addition, the Permittee shall report within 14 days of a discharge to surface waters:

- the receiving stream (name and/or description);
- location of discharge point(s), including latitude/longitude;
- discharge date(s);
- a log of daily rain gauge readings;
- the area of the active land application site(s) and/or the drainage area and the surface area of the pond(s); and
- the measured or calculated volume discharged (in mgd) based on information from Items I. A. 5. d. and I. A. 5. e. above. All calculation shall be provided by the Permittee.

[62-601.200(17) and .500(6), 12-24-96]

*Guarantee
6 Days/week
at each pond
with overflow
pipes.*

6. A staff gauge will be installed in each pond with an overflow to state water's as per the schedule in the Administrative Order that is made a part of this permit by reference. The gauge will be used to monitor the water level of the pond in relationship to the overflow pipe in tenth' of a foot. This elevation will be monitored during each day of required operator coverage. Presently, the coverage is 5 days per week with one weekend visit. Therefore, the level shall be taken 6 times per week. [62-4.070 (1), 12-15-98]

*Toxicity
Testing*

7. The Permittee shall initiate the series of tests described below beginning on the issuance date of this permit to evaluate whole effluent toxicity of the discharge from Outfall D001, D002, and D003. All test species, procedures and quality assurance criteria used shall be in accordance with Methods for Measuring Acute Toxicity of Effluents to Freshwater and Marine Organisms, EPA/600/4-90/027F, or the most current edition. For freshwater test species, the control water and dilution water used will be moderately hard water as described in EPA/600/4-90/027F, Table 6, or the most current edition. A standard reference toxicant quality assurance acute toxicity test shall be conducted concurrently with each species used in the toxicity tests and the results submitted with the discharge monitoring report (DMR). Otherwise, if monthly QA/QC reference toxicant tests are conducted, these results must be submitted with the DMR. Any deviation from the bioassay procedures outlined herein shall be submitted in writing to the Department for review and approval prior to use.

- (1) The Permittee shall conduct 96-hour acute static renewal toxicity tests on the 100% effluent sample using the daphnid, *Ceriodaphnia Dubia*, and the bannerfin shiner, *Cyprinella Leedsii*. All tests will be conducted on four separate grab samples collected one per 6-hour period over a 24-hour period and used in four separate tests in order to catch any peaks of toxicity and to

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

account for daily variations in effluent quality. The sample may be dechlorinated. However, effluent samples that are dechlorinated shall constitute acceptance by the Permittee that the effluent is acute toxic due to chlorine. If the discharge does not occur during any 6 hour period, no sample or test will be required for that 6 hour period.

- (2) If control mortality exceeds 10% for either species in any test, the test(s) for that species (including the control) shall be repeated. A test will be considered valid only if control mortality does not exceed 10% for either species. If, in any separate grab sample test, 100% mortality occurs prior to the end of the test, and control mortality is less than 10% at that time, that test (including the control) shall be terminated with the conclusion that the sample demonstrates unacceptable acute toxicity.

Toxicity tests Annually

- b. (1) The toxicity tests specified above shall be conducted once every year for outfalls (D001, D002, and D003) by a laboratory with a DEP approved comprehensive quality assurance (QA) plan. The annual toxicity sampling is required if any one calendar quarter had discharged for parts of three days to outfalls D001, D002 or D003, respectively. Samples shall be taken only when a discharge is occurring. Failure to sample and/or monitor the discharge during a discharge event when required by this section shall constitute acceptance by the Permittee that the effluent is both acute and chronic toxic. The sampling event will occur during a day in which a discharge occurs from the three respective outfalls (D001, D002, and D003).

- (2) Each test shall be conducted using a control (0% effluent) and a minimum of five dilutions: 100%, 50%, 30%, 12.5% and 6.25% effluent and a control (0% effluent). The dilution series may be modified after the request is submitted in writing to the Department for review and approval prior to any change.

- (3) Results from tests shall be reported according to EPA/600/4-90/027F, Section 13, Report Preparation (or the most current edition), and shall be submitted to:

Florida Department of Environmental Protection
400 North Congress Avenue
West Palm Beach, FL 33401

or at:

P.O. Box 15425
West Palm Beach, FL 33416

with a copy to the Department's Office in Tallahassee submitted to:

Florida Department of Environmental Protection
Wastewater Facilities Regulation Section, Mail Station 3551
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

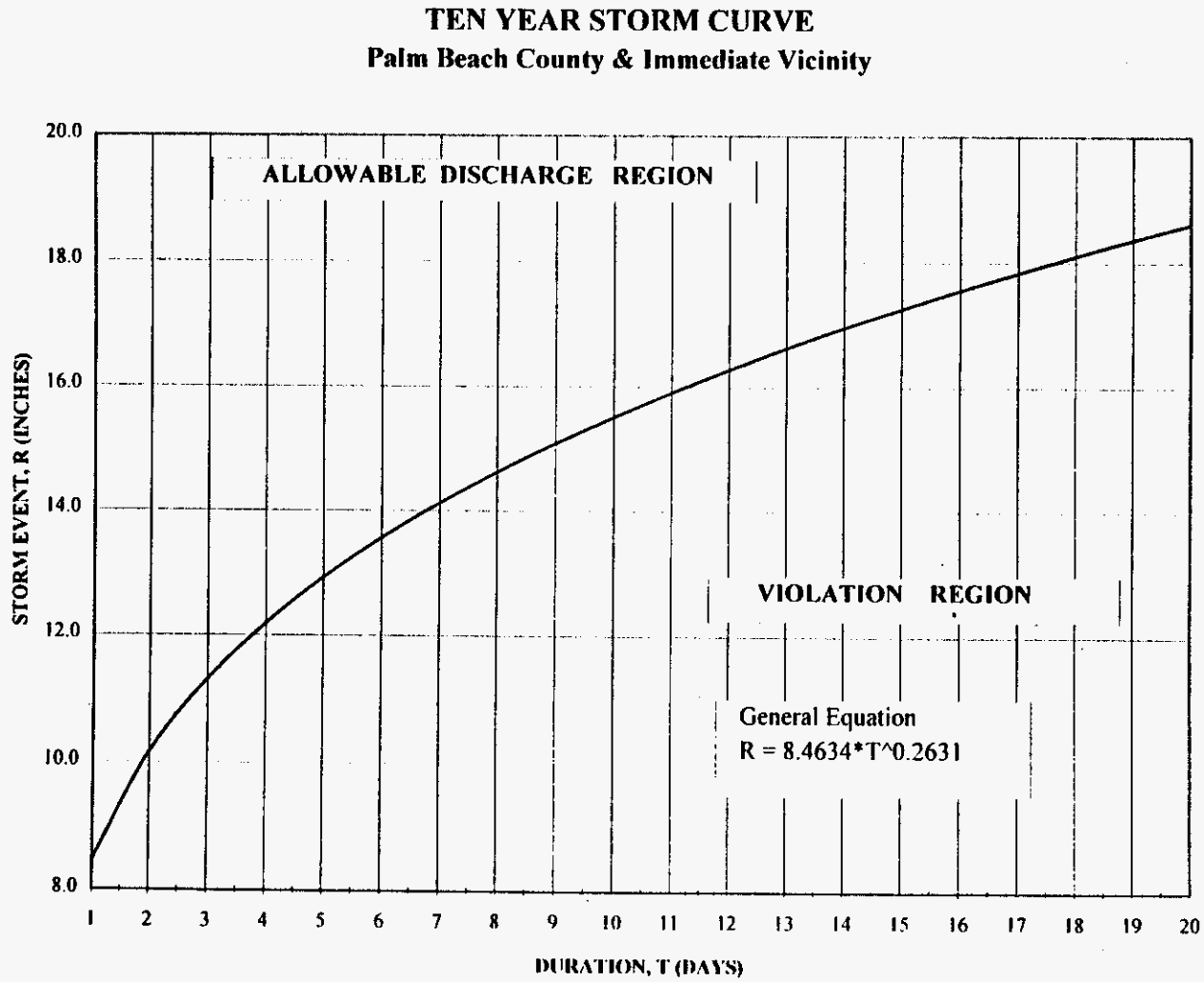
- c. Calculated LC 50 of less than 100% effluent in the definitive tests will constitute a violation of these permit conditions and Rule 62-4.244(3)(b), FAC
- d. Samples shall be tested for toxicity as soon as possible after collection. The time from collection of sample to introduction of the organisms shall not exceed 36 hours.

[62-4.070 (1), 12-15-98]

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

8. The following graph shall be used to determine when a discharge is allowed:



30

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

This graph depicts the inches of rainfall received in a rainfall event of a certain duration for a 10-year return period. The data for the graph was obtained for Palm Beach County and nearby Martin County from the Department of Commerce documents: "Two - to - Ten Day Precipitation for Return Periods of 2 to 100 years in the Contiguous United States" and "Rainfall Frequency Atlas of the United States for durations from 30 Minutes to 24 Hours and Return Periods from 1 to 100 Years." The graph enables the Permittee to determine the conditions under which a discharge to surface waters is allowed.

To establish whether a discharge is allowed, the number of inches of rain received in an actual rainfall period will be compared to the graph. If the number of days in the actual rainfall period exceeds that shown by the graph, the graph may be extended using the equation given on the graph. The actual rainfall period used for comparison to the graph must be a period of consecutive days of cumulative rainfall. The period of consecutive days of cumulative rainfall may include days for which no rainfall is recorded.

When rainfall (in inches plotted vs. duration of the actual rainfall period (in days) lies on or above the curve, a discharge is permissible. If this point lies below the line on the graph, a discharge would be in violation of this permit. Daily rain gauge readings taken at the same time on each day of the actual rainfall period must be submitted to support a permissible discharge. [62-4.070 (1), 12-15-98]

9. The approved analytical methods and corresponding required MDL (method detection limit) and PQL (practical quantification limit) for parameters monitored at Outfalls D001, D002, and D003 are:

PARAMETER	ANALYTICAL METHOD	MDL (units)	PQL (units)
Dissolve Oxygen	360.1	0.10 (mg/L)	0.10 (mg/L)
pH	150.1	0.10 (SU)	0.10 (SU)
TRC (dechlorination)	330.1	10.0 Micrograms/ L	10.0 Micrograms/ L

NOTE A: MDL and PQL must be established on a site specific basis with the concurrence of the Department (Rule 62-160, FAC)

The MDLs and PQLs listed above shall constitute the minimum reporting levels for the life of the permit. The Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those listed above. Unless otherwise specified, sample results shall be reported as follows:

- i. results greater than or equal to the PQL shall be reported as the measured quantity.
 - ii. results less than the PQL and greater than or equal to the MDL shall be reported as the PQL value followed by the lab code "m" and the value of the MDL in parentheses. These values shall be deemed equal to the MDL when necessary to calculate an average for the parameter and when determining compliance with permit limits.
 - iii. results less than the MDL shall be reported as the MDL followed by the lab code "u". A value of one half the MDL or half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limit or monitoring requirement. [62-4.246, 12-15-98]
10. Grab samples shall be taken during the daily peak hydraulic condition. The time of the grab sample for Fecal Coliform Bacteria shall be noted on the DMRs. [62-4.070 (1), 12-15-98]

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

B. Reuse and Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the Permittee is authorized to direct reclaimed water to Reuse System(s) R001. Such reclaimed water shall be limited and monitored by the Permittee as specified below:

Parameter	Units	Max/Min	Reclaimed Water Limitations				Monitoring Requirements			
			Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow	mgd	Maximum	0.4	Report	-	-	Continuous with 6 readings/week	Recording flow meters and totalizer	EFF-6	See Cond. I. B. 3, 10, and 13.
Carbonaceous Biochemical Oxygen Demand (5 day)	mg/L	Maximum	20.0	25.0	40.0	60.0	Weekly	8-hour flow proportioned composite	EFF-6	
Total Suspended Solids	mg/L	Maximum	20.0	30.0	45.0	60.0	Weekly	8-hour flow proportioned composite	EFF-6	
Nitrate (as N)	mg/L	Maximum				12.0	Weekly	Grab	EFF-6	See Cond. I. A. 10.
Total Nitrogen (as N)	mg/L	Maximum		Report		Report	Weekly	8-hour flow proportioned composite	EFF-6	
Total Phosphorus (as P)	mg/L	Maximum		Report		Report	Weekly	8-hour flow proportioned composite	EFF-6	
pH	std. units	Range	-	-	-	6.0 to 8.5	6 Days/Week	Grab	EFF-6	See Cond. I. A. 10.
Fecal Coliform Bacteria	See Permit Condition I. B. 4.						Weekly	Grab	EFF-6	See Cond. I. A. 10. & B. 4.
Total Residual Chlorine (For Disinfection)	mg/L	Minimum	-	-	-	0.5	6 Days/Week	Grab	EFF-6	See Cond. I. A. 10. & B. 5.

32

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

Monitoring Location Site Number	Description of Monitoring Location
EFF-6	after the chlorine contact basin and before the discharge to the on-site percolation ponds

New-Cont?

3. Recording flow meters with 24-hour recording chart and totalizers shall be utilized to measure flow and calibrated at least annually. [62-601.200(17) and .500(6), 12-24-96]
4. The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 per 100 mL of effluent sample. The geometric mean of the fecal coliform values for a minimum of 10 samples of effluent each collected on a separate day during a period of 30 consecutive days (monthly), shall not exceed 200 per 100 mL of sample. No more than 10 percent of the samples collected (the 90th percentile value) during a period of 30 consecutive days shall exceed 400 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample. Note: To report the 90th percentile value, list the fecal coliform values obtained during the month in ascending order. Report the value of the sample that corresponds to the 90th percentile (multiply the number of samples by 0.9). For example, for 30 samples, report the corresponding fecal coliform number for the 27th value of ascending order. [62-610.410, 1-9-96 and 62-600.440(4)(c), 12-24-96]
5. A minimum of 0.5 mg/L total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-610.410, 1-9-96 and 62-600.440(4)(b), 12-24-96]
6. The filter backwash shall not be discharged to the on-site percolation ponds without treatment. [62-4.070 (1), 12-15-98]

THIS SPACE INTENTIONALLY LEFT BLANK

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

7. During the period beginning on the issuance date and lasting through the expiration date of this permit, the Permittee is authorized to direct reclaimed water to Reuse System(s) R002 and R003. Such reclaimed water shall be limited and monitored by the Permittee as specified below:

Parameter	Units	Max/Min	Reclaimed Water Limitations				Monitoring Requirements			
			Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow	mg	Report	-	Total	-	Daily flow	Continuous during any overflow	Calculated Flow	EFF-4	See Cond. I. B. 9. and 12.
Flow	mg	Report	-	Total	-	Daily flow	Continuous during any overflow	Calculated Flow	EFF-5	See Cond. I. B. 9. and 12.
Flow	mgd	Maximum		Report	-	-	Continuous with 6 readings/week	Recording flow meters and totalizer	EFF-7	See Cond. I. B. 3., 10. and 11.
Flow	mgd	Maximum	0.107	Report	-	-	Continuous with 6 readings/week	Calculated Flow	EFF-8	See Cond. I. B. 3. and 13.
Flow	mgd	Maximum	0.143	Report	-	-	Continuous with 6 readings/week	Calculated Flow	EFF-9	See Cond. I. B. 3. and 13.
Total Suspended Solids	mg/L	Maximum		10.0			Weekly	8-hour flow proportioned composite	EFF-7	
Percolation Pond Water Elevation Feet below the overflow	feet	Report	-	-	-		6 Days/Week	Staff gauge	EFF-4	See Cond. I. A. 5. & B. 9. & 10.
Percolation Pond Water Elevation Feet below the overflow	feet	Report	-	-	-		6 Days/Week	Staff gauge	EFF 5	See Cond. I. A. 5. & B. 9. & 10.

34

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

8. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I. B. 7. and as described below:

Monitoring Location Site Number	Description of Monitoring Location
EFF-4	Overflows from Off-site Percolation Pond Number 1 (South)
EFF-5	Overflows from Off-site Percolation Pond Number 2 (North)
EFF-7	After effluent filter
EFF-8	Flow to R002 (Calculated)
EFF-9	Flow to R003 (Calculated)

9. Overflows from percolation ponds (R002) shall be reported as an abnormal event to the Southeast District Branch Office within 24 hours of an occurrence as an abnormal event. The provisions of Rule 62-610.880(9), FAC, shall be met. Discharge is not allowed except as allowed in the Bypass provision in Section IX 22 of the permit. [62-610.800(9), 1-9-96]
10. The water level in the Off-site Percolation Pond Numbers 1 and 2 and On-site Percolation Pond Numbers 1, 2, and 3 shall be maintained at least one foot below the elevation of the overflow pipe (elevation where the water in the pond will overflow the ponds). No discharge of effluent into the ponds or/and connecting ponds is allowed if the water level is higher than one foot below the overflow pipe. [62-4.070 (1), 12-15-98]
11. The effluent being discharge to the off-site reuse system (R002 and R003) utilizes a common force main. The Permittee shall establish a protocol for determination of flow to each reuse site as per the schedule in Section VI of this permit. [62-4.070 (1), 12-15-98]
12. Whenever the discharge occurs in excess of one (1) hour, flow measurement shall be calculated based on flow in pipe calculations or other method approved by the District Office. The Permittee shall establish a protocol for determination of flow out of each percolation pond as per the schedule in Section VI of this permit. [62-4.070 (1), 12-15-98]
13. The permit limits for annual average daily flows to R001, R002, and R003 are estimated values. If no overflow occurs during the year and the requirements of FAC 62-610 are complied with during any period where the annual average flow exceeds the flow limits, no violation is considered to department rules and this permit. The Permittee must provide the supporting documentation to the Department for this determination by the Department. [62-4.070 (1), 12-15-98]
14. The monitoring and compliance for Reuse Systems R002 and R003 for the parameters: CBOD₅, Nitrate (as N), Total Nitrogen (as N), Total Phosphorus (as P), pH, Fecal Coliform Bacteria, and Total Residual Chlorine (For Disinfection) shall be at monitoring site EFF-6 and included in the DMR for Reuse System R001. [62-4.070 (1), 12-15-98]

THIS SPACE INTENTIONALLY LEFT BLANK

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

C. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the Permittee as specified below:

Parameter	Units	Max/Min	Limitations				Monitoring Requirements			
			Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow	mgd	Maximum	-	-	-	-	Continuous with 5 readings/week	Recording flow meters and totalizers	INF-1	See Cond. I. C. 3., and 5.
Rainfall	inches	Report	-	-	-	-	daily	continuous	OTII-1	
Carbonaceous Biochemical Oxygen Demand (5 day)	mg/l.	Report	-	-	-	-	Weekly	8-hour flow proportioned composite	INF-1	See Cond. I. C. 4.
Total Suspended Solids	mg/L	Report	-	-	-	-	Weekly	8-hour flow proportioned composite	INF-1	See Cond. I. C. 4.

26

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

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

Monitoring Location Site Number	Description of Monitoring Location
OTH-1	rain gauge located at the plant site next to the operator's building
INF-1	Influent pump station

3. The three-month average daily flow to the treatment plant shall not exceed 0.75 mgd.
4. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-601.500(4), 12-24-96]
5. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. [62-601.200(17) and .500(6), 5-31-93][62-601.200(17) and .500(6), 12-24-96]
6. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method in accordance with 40 CFR Part 136. Parameters which must be monitored as a result of a ground water discharge (i.e., underground injection or land application system) shall be analyzed in accordance with Chapter 62-601, FAC [62-620.610(18), 12-24-96]
7. The Permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5), 12-24-96]
8. During the period of operation authorized by this permit, the Permittee shall complete and submit to the Department on a monthly basis Discharge Monitoring Report(s) (DMR), Form 62-620.910(10), as attached to this permit. The Permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department by the twenty-eighth (28th) of the month following the month of operation at the address specified below:

Florida Department of Environmental Protection
Wastewater Facilities Regulation Section, Mail Station 3551
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

with a copy to:

Florida Department of Environmental Protection
400 North Congress Avenue
West Palm Beach, FL 33401

or at:

P.O. Box 15425
West Palm Beach, FL 33416

[62-620.610(18), 12-24-96][62-601.300(1),(2), and (3), 12-24-96]

9. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, FAC, (except for turbidity, total coliforms, color, and corrosivity). Twenty-four hour composite

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

samples shall be used to analyze reclaimed water or effluent for the primary and secondary drinking water standards. These monitoring results shall be reported to the Department annually on the Reclaimed Water or Effluent Analysis Report, Form 62-620.910(15), or in another format if requested by the permittee and if approved by the Department as being compatible with data entry into the Department's computer system. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted in lieu of the report. The annual reclaimed water or effluent analysis report or the certification shall be completed and submitted in a timely manner so as to be received by the Department's Southeast District Office by February 15 of each year. [62-601.300(4), 12-24-96][62-601.500(3), 12-24-96]

10. The Permittee shall submit an annual report of reclaimed water utilization using Form 62-610.300(4)(a)2. by January 1 of each year. [62-610.870(3), 1-9-96]
11. Unless specified otherwise in this permit, all reports and notifications required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Southeast District Branch Office In Port Saint Lucie at the address specified below:

Florida Department of Environmental Protection
400 North Congress Avenue
West Palm Beach, FL 33401

or at:

P.O. Box 15425
West Palm Beach, FL 33416

Phone Number - (561) 681-6600

FAX Number - (561) 681-6760 All FAX copies shall be followed by original copies.

[62-4.070 (1), 12-15-98]

12. The Permittee shall submit the Operation and Maintenance Performance Evaluation Report as per the schedule in Section VI. [62-4.055(1), 12-15-98][62-070, 12-15-98]
13. The Permittee shall be able to perform internal inspections of all tankage and have a method to perform preventive maintenance of the interior of all tanks at the wastewater treatment plant without bypassing treatment. [62-4.055(1), 12-15-98][62-070, 12-15-98]

II. RESIDUALS MANAGEMENT REQUIREMENTS

Basic Management Requirements

1. The method of residuals use or disposal by this facility is land application or disposal in a Class I or II solid waste landfill.
2. The Permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. [62-640.300(5), 3-30-98]
3. The Permittee will not be held responsible for violations resulting from land application of residuals if the Permittee can demonstrate that it has delivered residuals that meet the parameter concentrations and appropriate treatment requirements of this rule and the applier (e.g. hauler, contractor, site

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

manager, or site owner) has legally agreed in writing to accept responsibility for proper land application of the residuals. Such an agreement shall state that the applier agrees, upon delivery of residuals that have been treated as required by Chapter 62-640, FAC, that he will accept responsibility for proper land application of the residuals as required by Chapter 62-640, FAC, and that the applier agrees that he is aware of and will comply with requirements for proper land application as described in the facility's permit. [62-640.300(5), 3-30-98]

4. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, FAC [62-640.100(6)(k)3&4, 3-30-98]
5. Land application of residuals shall be in accordance with the conditions of this permit, the approved Agricultural Use Plan(s), and the requirements of Chapter 62-640, FAC [62-640, 3-30-98]
6. The domestic wastewater residuals for this facility are conditional classified as Class B.
7. The Permittee shall complete a sludge stabilization study as per the schedule in Section VI of this permit. The study will evaluate the adequacy of the residual system to meet Class B stabilization Standards. If aerobic digestion is used for Class B stabilization, the study shall include the complete calculations of volatile solids reduction. The study shall include the residual analysis "Additional Digestion Test for Aerobically Digested Sewerage Sludge" as covered in accordance with the U.S. Environmental Protection Agency publication - Environmental Regulations and Technology - Control of Pathogens and Vector Attraction in Sewage Sludge, 1992 for each sample where a bacteria density test was performed. If lime stabilization is used for Class B stabilization, the study shall establish the procedure for lime stabilization process
8. After the sludge stabilization study is approved by the Department, it is expected that the domestic wastewater residuals for this facility will remain as Class B.
9. The Permittee shall achieve Class B pathogen reduction by meeting the pathogen reduction requirements in sections:
 - 503.32(b)(2) ("Alternative 1" - Monitoring of Indicator Organisms);
 - 503.32(b)(3) ("Alternative 2" - Use of PSRP); or
 - 503.32(b)(4) ("Alternative 3" - Use of Processes Equivalent to PSRP);of Title 40 CFR Part 503, revised as of October 25, 1995. [62-640.600(1)(b), 3-30-98]
10. The Permittee shall achieve vector attraction reduction by meeting the vector attraction reduction requirements in sections:
 - 503.33(b)(1) ("Option 1" - Reduce the mass of volatile solids by a minimum of 38 percent;
 - 503.33(b)(2) ("Option 2" - Demonstrate vector attraction reduction with additional anaerobic digestion in a bench-scale unit);
 - 503.33(b)(3) ("Option 3" - Demonstrate vector attraction reduction with additional aerobic digestion in a bench-scale unit);
 - 503.33(b)(4) ("Option 4" - Meet a specific oxygen uptake rate for aerobically treated biosolids);

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

503.33(b)(5) ("Option 5" - Use aerobic processes at greater than 40°C (average temperatures 45°C) for 14 days or longer (e.g., during biosolids composting);

503.33(b)(6) ("Option 6" - Add alkaline materials to raise the pH under specified conditions);

503.33(b)(7) ("Option 7" - Reduce moisture content of biosolids that do not contain unstabilized solids from other than primary treatment to at least 75 percent solids); or

503.33(b)(8) ("Option 8" - Reduce moisture content of biosolids with unstabilized solids to at least 90 percent)

of Title 40 CFR Part 503, revised as of October 25, 1995.

11. Treatment of liquid residuals or septage for the purpose of meeting the pathogen reduction or vector attraction reduction requirements set forth in Rule 62-640.600, FAC, shall not be conducted in the tank of a hauling vehicle. Treatment of residuals or septage for the purpose of meeting pathogen reduction or vector attraction reduction requirements shall take place at the permitted facility. [62-640.400(8), 3-30-98]
12. The Permittee shall sample and analyze the Class A or Class B residuals to monitor for pathogen and vector attraction reduction requirements of Rule 62-640.600, FAC, and the parameters listed in the table below at least once every 3 months. The following parameters shall be sampled and analyzed:

Parameter	Ceiling Concentrations (Single Sample)	Cumulative Application Limits
Total Nitrogen	(Report only) % dry weight	Not applicable
Total Phosphorus	(Report only) % dry weight	Not applicable
Total Potassium	(Report only) % dry weight	Not applicable
Arsenic	75 mg/kg dry weight	36.6 pounds/acre
Cadmium	85 mg/kg dry weight	34.8 pounds /acre
Copper	4300 mg/kg dry weight	1340 pounds/acre
Lead	840 mg/kg dry weight	268 pounds/acre
Mercury	57 mg/kg dry weight	15.2 pounds/acre
Molybdenum	75 mg/kg dry weight	Not applicable
Nickel	420 mg/kg dry weight	375 pounds/acre
Selenium	100 mg/kg dry weight	89.3 pounds/acre
Zinc	7500 mg/kg dry weight	2500 pounds/acre
pH	(Report only) standard units	Not applicable
Total Solids	(Report only) %	Not applicable

(62-640.650(1), 62-640.700(1), 62-640.700(3)(b), and 62-640.850(3), 3-30-98)

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

13. Sampling and analysis shall be conducted in accordance with Title 40 CFR Part 503, section 503.8 and the U.S. Environmental Protection Agency publication - POTW Sludge Sampling and Analysis Guidance Document, 1989. In cases where disagreements exist between Title 40 CFR Part 503, section 503.8 and the POTW Sludge Sampling and Analysis Guidance Document, the requirements in Title 40 CFR Part 503, section 503.8 will apply. *(62-640.650(1), 62-640.700(1), 62-640.700(3)(b), and 62-640.850(3), 3-30-98)*
14. Grab samples shall be used for pathogens and determinations of percent volatile solids. Composite samples shall be used for metals. *[62-640.650(1)(e), 3-30-98]*
15. Residuals shall not be land applied if a single sample result for any parameter exceeds the ceiling concentrations given in this permit. Residuals shall not be distributed and marketed if the monthly average of sample results for any parameter exceeds the Class AA parameter concentrations given in this permit. Monthly averages of parameter concentrations shall be determined by taking the arithmetic mean of all sample results for the month. *[62-640.650(1)(f), 3-30-98]*
16. The Permittee shall submit the results of all residuals monitoring with the Permittee's Discharge Monitoring Report under Chapter 62-601, FAC. The analytical results from each sampling event shall be submitted with the report for the month in which the sampling event occurs. Copies of all applicable analytical reports shall be submitted with the monitoring results. *[62-640.650(3)(a)&(e), 3-30-98]*
17. Class B residuals shall not be used on unrestricted public access areas. Use of Class B residuals is limited to restricted public access areas such as agricultural sites, forests, and roadway shoulders and medians. *[62-640.600(3)(b), 3-30-98]*
18. Plant nursery use of Class B residuals is limited to plants that will not be sold to the public for 12 months after the last application of residuals. *[62-640.600(3)(b)1., 3-30-98]*
19. Use of Class B residuals on roadway shoulders and medians is limited to restricted public access roads. *[62-640.600(3)(b)2., 3-30-98]*
20. Food crops with harvested parts that touch the residuals/soil mixture and are totally above the land surface shall not be harvested for 14 months after the last application of Class B residuals. *[62-640.600(3)(b)3., 3-30-98]*
21. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after application of Class B residuals when the residuals remain on the land surface for four months or longer before incorporation into the soil. *[62-640.600(3)(b)4., 3-30-98]*
22. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months after application of Class B residuals when the residuals remain on the land surface for less than four months before incorporation into the soil. *[62-640.600(3)(b)5., 3-30-98]*
23. Food crops, feed crops, and fiber crops shall not be harvested for 30 days following the last application of Class B residuals. *[62-640.600(3)(b)6., 3-30-98]*
24. Animals shall not be grazed on the land for 30 days after the last application of Class B residuals. *[62-640.600(3)(b)7., 3-30-98]*
25. Sod that will be distributed or sold to the public or used on unrestricted public access areas shall not be harvested for 12 months after the last application of Class B residuals. *[62-640.600(3)(b)8., 3-30-98]*

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

26. The public shall be restricted from application zones for 12 months after the last application of Class B residuals. [62-640.600(3)(b), 3-30-98]
27. Residuals that do not meet the requirements of Chapter 62-640, FAC, for Class AA designation shall not be used for the cultivation of tobacco or leafy vegetables. [62-640.400(7), 3-30-98]
28. Current Agricultural Use Plan(s) identify residuals landspreading on the following sites:

Site Name	Application Area (Acres)	Site Location	
		City	County
Allapattah Properties		Indiantown	Martin
The Wall Property			Martin
The Chastain Ranch			Martin
Shelta Cattle Company	59.5	Indiantown	Okeechobee
Hudsons Farms		Punta Gorda	Charlotte

Prior to applying residuals to the Allapattah Properties, The Wall Property, The Chastain Ranch, and Hudson Farms Sites, new or revised Agricultural Use Plan(s) must be submitted and approved by the Department. This does not relieve the Permittee from complying with the limitations in Section II. 4.

The wastewater treatment facility Permittee shall apply for a minor permit revision on DEP Form 62-620.910(9) for new, modified, or expanded residuals land application sites. The facility's permit shall be revised to include the new or revised Agricultural Use Plan(s) prior to application of residuals to the new, modified, or expanded sites, unless all of the following conditions are met:

- a) The Permittee notifies the Department within 24 hours that the site is being used;
- b) The site meets the site use restrictions of Rule 62-640.600(3), FAC, and the criteria for land application of residuals in Rule 62-640.700, FAC;
- c) The Permittee submits a new or revised Agricultural Use Plan for the site with a permit application in accordance with Rule 62-640.300(2), FAC, within 30 days of beginning use of the site;
- d) The Permittee does not have another approved land application site, another approved disposal method (e.g. landfilling or incineration), or approved storage facilities available for use; and,
- e) The Permittee demonstrates during permit application that application of additional residuals to an existing approved application site would have resulted in violation of Department rules, or was not possible due to circumstances beyond the Permittee's control.

[62-640.300(2)&(3), 3-30-98]

29. Residuals application rates are limited to agronomic rates based on the site vegetation as identified in the Agricultural Use Plan. [62-640.750(2), 3-30-98]
30. Residuals shall be applied with appropriate techniques and equipment to ensure uniform application over the application zone. [62-640.700(2)(c), 3-30-98]
31. The spraying of liquid domestic wastewater residuals shall be conducted so that the formation of aerosols is minimized. [62-640.700(2)(d), 3-30-98]
32. Residuals storage facilities at land application sites shall be subject to applicable setback requirements for residuals application sites. Residuals stored at land application sites shall be stored in a manner that will not cause runoff or seepage from the residuals, objectionable odors, or vector attraction.

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

Storage areas must be fenced or otherwise provided with appropriate features to discourage the entry of animals and unauthorized persons. At the time of application, the stored residuals must meet the parameter concentrations, pathogen and vector attraction reduction requirements, and cumulative application limits of this permit. Residuals storage facilities at land application sites may be used only for temporary storage of stabilized residuals for no more than 30 days during periods of inclement weather or to accommodate agricultural operations, or up to the period (not to exceed two years) specified in the Agricultural Use Plan. [62-640.700(2)(e), 3-30-98]

33. Residuals application sites shall be posted with appropriate advisory signs identifying the nature of the project area. [62-640.700(2)(f), 3-30-98]
34. The pH of the residuals soil mixture shall be 5.0 or greater at the time residuals are applied. At a minimum, soil pH testing shall be done annually. [62-640.700(5)(d), 3-30-98]
35. The Permittee shall maintain records of application zones and application rates and shall make these records available for inspection within seven days of request by the Department, or delegated Local Program. The Permittee shall maintain record items a. through e. below in perpetuity, and maintain record items f. through k. for five years:
 - a. Date of application of the residuals;
 - b. Location of the residuals application site as specified in the Agricultural Use Plan;
 - c. Identification of each application zone used by the Permittee at the application site and the acreage of each zone;
 - d. Amount of residuals applied or delivered to each application zone. Cumulative loading of each application zone;
 - f. The names of all other wastewater facilities using each of the application zones identified in item c.;
 - g. Method of incorporation (if any);
 - h. Measured pH of the residuals soil mixture at the time the residuals are applied (tested at least annually);
 - i. Unsaturated depth of soil above the water table level at the time of application;
 - j. Concentration of parameters in the residuals as required by this permit, and the date of last analysis; and
 - k. The results of any soil testing that is done under Rule 62-640.500(4)(a), FAC

[62-640.650(2)3-30-98]

36. The Permittee shall submit an annual summary of residuals application activity to the District Office on Department Form 62-640.210(2)(b) for all residuals applied during the period of January 1 through December 31. The summary for each year shall be submitted by February 19 of the following year. If more than one facility applies residuals to the same application zones, the summary must include a subtotal of each facility's contribution of residuals to the application zones. [62-640.650(3)(b), 3-30-98]
37. If residuals that are subject to the cumulative loading limitations of Rule 62-640.700(3), FAC, have been applied to an application zone, and the cumulative loading amount of one or more of the pollutants is not known, no further applications of residuals may be made to that application zone. [62-640.700(3)(f), 3-30-98]
38. A minimum unsaturated soil depth of two feet above the water table level is required at the time the residuals are applied to the soil. [62-640.700(6)(a), 3-30-98]

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

39. Residuals shall not be applied during rains that cause runoff from the site or when surface soils are saturated. [62-640.700(7)(a), 3-30-98]
40. If the Permittee intends to accept residuals from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), FAC [62-640.880(2)(d), 3-30-98]
41. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department if the storage lasts longer than 30 days. [62-640.300(4), 3-30-98]

* The annual application rate for cadmium shall not exceed 0.5 pounds/acre/year.

III. GROUND WATER MONITORING REQUIREMENTS

1. During the period of operation authorized by this permit, the Permittee shall sample ground water in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-522.600, FAC. This revised monitoring plan for the on-site percolation ponds was submitted by Mr. John Hand of Indiantown Company, Inc. dated December 10, 1987, and confirmed by Mr. Dean Smiley, Plant Operator of the WWTF through a facsimile received on September 28, 1993, and is on file in the West Palm Beach DEP Office. The monitoring plan for the off-site irrigation system has not changed. [62-522.600, 4-14-94][62-610.513, 1-9-96]
2. The following monitoring wells shall be sampled quarterly for Land Application System R001:

Monitoring Location Site Number	Well Type	Location	New or Existing
MWB-1	Background	100 ft. North of the Northeast (Hypotenuse) Boundary of the On-site Triangular Percolation Pond Number 5	existing
MWC-1	Compliance	103 Feet South of the Southeast Corner of the On-site Percolation Pond Number 2	existing

3. The following monitoring wells shall be sampled quarterly for Land Application Systems R002:

Monitoring Location Site Number	Well Type	Location	New or Existing
MWB-2	Background	100 ft. North of the Northern boundary of Off-site Percolation Pond No. One (1)	existing
MWC-2	Compliance	100 ft. South of the Southern Boundary of the Off-site percolation Pond No. Two (2)	existing

[62-522.600, 4-14-94][62-610.513,1-9-96]

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

4. The following monitoring wells shall be sampled quarterly for Land Application Systems R003:

Monitoring Location Site Number	Well Type	Location	New or Existing
MWC-3	Compliance	100 ft. South of the Southern boundary of the surface drip irrigation site at the citrus grove	existing
MWC-4	Compliance	100 feet East of the Northeast corner of the surface drip irrigation site at the citrus grove in the direction of the public water supply well for Mariner's Cove, which is located at approximately 1,500 ft. East of the irrigation site and just west of Famel Road.	existing

5. The following parameters shall be analyzed for each of the monitoring well(s) identified in the Permit Condition(s) III. 2 3 and 4:

- a. Water level (field measurement)
- b. Nitrate (as N)
- c. Total dissolved solids
- d. Arsenic
- e. Cadmium
- f. Chloride
- g. Chromium
- h. Lead
- i. Fecal Coliform
- j. pH
- k. Sulfate
- l. Total Nitrogen (mg/L as N)
- m. Total Phosphorous (as P)

[62-522.600 (11) (b), 4-1-94] [62-601.300(3), 62-601.700, and Figure 3 of 62-601, 5-31-93]

6. Ground water monitoring parameters shall be analyzed in accordance with Chapter 62-601, FAC *[62-620.610(18), 11-29-94]*
7. Ground water monitoring test results shall be submitted on Part D of Form 62-620.910(10). Results shall be submitted with the January, April, July and October DMR for each year during the period of operation allowed by this permit in accordance with Permit Condition I. C. 8. *[62-522.600(10) and (11) (b), 4-14-94] [62-601.300(3), 62-601.700, and Figure 3 of 62-601, 5-31-93] [62-620.610(18), 11-29-94]*
8. Ground water monitoring wells shall be purged prior to sampling to obtain representative samples. *[62-601.700(5), 5-31-93]*
9. In accordance with Part D of Form 62-620.910(10), water levels shall be recorded before evacuating wells for sample collection. Elevation references shall include the top of the well casing and land

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

surface at each well site (NGVD allowable) at a precision of plus or minus 0.1 foot. [62-610.424(3), 4-2-94]

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Part II Slow-Rate/Restricted Access System(s), Except Subsurface (R003)

1. All ground water quality criteria specified in Chapter 62-520, FAC, shall be met at the edge of the zone of discharge. The zone of discharge for this project shall extend horizontally 100 feet from the application site or to the facility's property line, whichever is less, and vertically to the base of the surficial aquifer. [62-520.200(23), 12-9-96] [62-522.400 and 62-522.410, 12-9-96]
2. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. [62-610.418(1), 1-9-96]
3. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.414(8), 1-9-96]
4. The annual average hydraulic loading rate to the 25 Acres Orange Grove is estimated at 1.5 inches per week (annual average). The hydraulic loading rate shall not produce surface runoff or ponding of the applied reclaimed water. [62-610.423(3) and (4), 1-9-96]
5. The crops or vegetation shall be periodically harvested and removed from the project area. [62-610.310(3)(d) and 62-610.419(1)(b), 1-9-96]
6. Dairy cattle whose milk is intended for human consumption shall not be allowed on the project area for a period of 15 days after the last application of reclaimed water. No restrictions are imposed on the grazing of other cattle. [62-610.425, 1-9-96]
7. Irrigation of edible food crops is prohibited. [62-610.426, 1-9-96]
8. Overflows from emergency discharge facilities on storage ponds shall be reported as an abnormal event to the Department's Southeast District Office within 24 hours of an occurrence. The provisions of Rule 62-610.800(9), FAC, shall be met. [62-610.800(9), 1-9-96]

Part IV Rapid Infiltration Basins (R001 and R002)

9. All ground water quality criteria specified in Chapter 62-520, FAC, shall be met at the edge of the zone of discharge. The zone of discharge for this project shall extend horizontally 100 feet from the application site or to the facility's property line, whichever is less, and vertically to the base of the surficial aquifer. [62-520.200(23), 12-9-96] [62-522.400 and 62-522.410, 12-9-96]
10. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. [62-610.518, 1-9-96]
11. The annual average hydraulic loading rate to R001 (on-site Percolation Ponds) is estimated at 10.3 inches per week (as applied to the entire bottom area). The loading rate shall be limited to the amount the would prevent an discharge to D001, D002, and D003 that is not allowed by this permit I. A. 8. [62-610.523(3), 1-9-96]

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

12. The annual average hydraulic loading rate to R002 (off-site Percolation Ponds) is estimated at 6.88 inches per week (as applied to the entire bottom area). The loading rate shall be limited to the amount the would prevent an overflow [62-610.523(4), 1-9-96]
13. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. [62-610.523(6) and (7), 1-9-96]
14. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.514 and 62-610.414, 1-9-96]
15. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as an abnormal event to the Department's Southeast District Office within 24 hours of an occurrence. The provisions of Rule 62-610.800(9), FAC, shall be met. [62-610.800(9), 1-9-96]

V. OPERATION AND MAINTENANCE REQUIREMENTS

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of a(n) operator(s) certified in accordance with Chapter 61E12-41, FAC In accordance with Chapter 62-699, FAC, this facility is a Category II, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 6 hours/day for 5 days/week and one visit on each weekend day. The lead operator must be a Class C operator, or higher.

[62-699, 5-20-94] [62-620.630(3), 11-29-94] [62-699.310, 5-20-92] [62-610.462, 1-9-96]

2. A certified operator shall be on call during periods the plant is unattended. [62-699.311(1), 5-20-92]
3. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, FAC [62-600.405(5), 6-8-93]
4. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, FAC [62-600.735(1), 6-8-93]
5. The Permittee shall maintain the following records and make them available for inspection on the site of the permitted facility:
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

- d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, FAC, for at least three years from the date of sampling or measurement;
- e. A copy of the current permit;
- f. A copy of the current operation and maintenance manual as required by Chapter 62-600, FAC;
- g. A copy of the facility record drawings;
- h. Copies of the licenses of the current certified operators; and
- i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and certification number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities; tests performed and samples taken; and major repairs made. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350,11-29-94][61E12-41.010(1)(e), 11-02-93]

VI. SCHEDULES

1. A compliance schedule for this facility is included in Item 1 of Administrative Order AO 98-003DW 43SED that is hereby incorporated by reference with the following revision:

Conduct a residual stabilization study. The study will evaluate the adequacy of the residual system to meet Class B stabilization Standards. If aerobic digestion is used for Class B stabilization, the study shall include the complete calculations of volatile solids reduction and detention time in the digester with minimum digester temperature. The study may include EPA's Part 503 requirements to justify Class B stabilization. If the sour test is utilized, the study shall provide a duplicate test "Additional Digestion Test for Aerobically Digested Sewerage Sludge" as covered in accordance with the U.S. Environmental Protection Agency publication - Environmental Regulations and Technology - Control of Pathogens and Vector Attraction in Sewage Sludge, 1992. If lime stabilization is used for Class B stabilization, the study shall establish the procedure for lime stabilization process. The study will follow the following schedule:

Implementation Step		Completion Date
1	Plan on Study	60 days after issuance of this reissued permit
2	Draft Report	as per the schedule approved in the plan of study
3	Final Report	30 days after receipt of Department final comments on the draft report
4	Implementation of the recommendations in the: Final Report	as per the schedule approved in the final report

[62-620.450(3)(a), 11-29-94]

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

2. The Permittee shall conduct a study to develop method(s) to measure the flow to R002 and R003 separately that flows through a common force main as required by Section I. B. 11. of this permit according to the following schedule:

Implementation Step		Completion Date
1	Draft Report	90 days after issuance of this reissued permit
2	Final Report	90 days after receipt of Department final comments on the draft report
3	Implementation of the recommendations in the Final Report	as per the schedule approved in the final report

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

The Permittee shall submit data by April 11, 1999, to be evaluated by the Department to Determine whether a pretreatment program is required in accordance with Chapter 403 FS and Chapter 62-625, FAC If required, the Permittee shall develop and implement the pretreatment program with the following requirements:

Development Requirements

1. The Permittee shall develop an industrial pretreatment program in accordance with Chapter 403, F. S., and Chapter 62-625, FAC This program shall enable the Permittee to detect and enforce violations of Categorical Pretreatment Standards promulgated under Sections 307(b) and (c) of the Clean Water Act (the Act) and prohibitive discharge standards as set forth in Rule 62-625.400, FAC

THIS SPACE INTENTIONALLY LEFT BLANK

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

The pretreatment program shall be developed and submitted to the address specified in Permit Condition VII. 6. according to the following schedule:

Activity	Scheduled Completion Date From the Date that the Department notified the Permittee that a Pre-treatment Program will be required
1. Submit an industrial user survey developed in accordance with Rule 62-625.500(2)(b)1.-3. and Rule 62-625.500(2)(e), FAC, including the character and volume of pollutants contributed to the WWTF by the industrial user.	60-Days
2. Submit a draft sewer use ordinance which includes provisions to apply and enforce the Categorical Pretreatment Standards and meets the requirements outlined in Rule 62-625.500(2)(a), FAC	90-Days
3. Submit program implementation procedures that include industrial user survey updating, handling of self-monitoring reports, a monitoring program description, and in particular those requirements referenced in Rule 62-625.500(2)(a)3. and 4., FAC, Rule 62-625.500(2)(b) 4 -7, FAC, and Rule 62-625.600(7)-(9) and (11)-(13), FAC Include information on resources for implementation of a pretreatment program including personnel, equipment, organization, costs, and revenue sources, as required by Rule 62-625.500(3), FAC Include a compliance and enforcement response plan in accordance with Rules 62-625.500(2)(b) and (d), FAC	150-Days
4. Submit technical information on the wastewater treatment system including service areas, toxic pollutant analyses, pass through, interference, residuals disposal, sampling program, and other related information. Include a list of local discharge limitations to be applied to industrial wastewater discharged to the wastewater treatment facility, including supporting documentation, in accordance with Rules 62-625.400(3) and (4), FAC	180-Days
5. Submit a final sewer use ordinance which includes local discharge limitations. Include an Attorney/Solicitor statement meeting the requirements of Rule 62-625.500(4)(a)1, FAC, and a Supervisory/Funding endorsement in accordance with Rule 62-625.500(4)(a)2, FAC	270-Days
6. Submit two (2) copies of the complete pretreatment program to the Department for review by the general public and submit a request for pretreatment program approval to the Department as required by Rules 62-625.500(4) and 62-625.510, FAC	330-Days

[62-625.400, .500, .510, and .600, 1-8-97]

2. Upon approval of the pretreatment program by the Department, the Permittee shall function as the Control Authority and fully implement the approved program. [62-625.200(4), 1-8-97]
3. The Permittee shall function as the Control Authority and shall be responsible for the performance of all pretreatment program requirements contained in Chapter 62-625, FAC The Permittee shall be subject to enforcement actions, penalties, and other remedies by the Department or other appropriate parties. The Permittee shall implement and enforce its Approved Pretreatment Program. The Permittee's Approved

SD

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

Pretreatment Program is hereby made an enforceable condition of this permit. The Department may initiate enforcement action against an industrial user for noncompliance with applicable standards and requirements. [62-625.500, 1-8-97]

4. The Permittee shall enforce the requirements promulgated under Sections 307(b), 307(c), 307(d), and 402(b) of the Act. The Permittee shall cause industrial users subject to Federal Categorical Standards to achieve compliance no later than the date specified in those requirements or, in the case of new industrial users, upon commencement of the discharge. [62-625.410, 1-8-97]
5. The Permittee shall perform the pretreatment functions as required in Chapter 62-625, FAC, including, but not limited to, the following:
 - a. Implementing the necessary legal authorities as provided in Rule 62-625.500(2)(a), FAC. This includes, among other things, the authority to require compliance with applicable pretreatment standards, which includes general prohibitions listed in Rule 62-625.400(1), FAC, specific prohibitions in Rule 62-625.400(2), FAC, locally developed limits as required by Rules 62-625.400(3) and (4), FAC, and national categorical limits in accordance with Rule 62-625.410, FAC; and
 - b. Implementing the programmatic functions as required under Rule 62-625.500(2)(b), FAC; and
 - c. Providing the required funding, equipment, and personnel to implement the pretreatment program as provided in Rules 62-625.500(2), (3), and (4), FAC

[62-625.400 and .500, 1-8-97]

6. As required by Rules 62-625.600(8) and (12), FAC, the Permittee shall submit a signed copy of the annual report for pretreatment activities to the Department at the following address:

Florida Department of Environmental Protection
Domestic Wastewater Section, Mail Station 3540
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

The annual report shall contain the information required in accordance with Rule 62-625.600(8), FAC and shall describe the Permittee's pretreatment activities over the previous 12 months. In the event that the Permittee is not in compliance with any conditions or requirements of the pretreatment program, then the Permittee shall also include the reasons for noncompliance and state how and when the Permittee shall comply with such conditions and requirements.

The annual report shall provide a summary of all analytical results of influent, effluent, and residuals for each WWF covered by the pretreatment program for those pollutants identified under 40 CFR Part 122, Appendix D, Tables II and III, with the exception of acrolein and acrylonitrile, which are known or suspected to be discharged by industrial users. Additionally, the annual report shall provide a summary of all analytical results of influent, effluent, and residuals for each WWF covered by the pretreatment program for those nonpriority pollutants which the Permittee believes may be causing or contributing to interference, pass through, or adversely impacting residuals quality. This report is due on August 1 of each year.

[62-625.600(12), 1-8-97]

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

VIII. OTHER SPECIFIC CONDITIONS

1. Prior to placing the modifications to existing facilities into operation or any individual unit processes into operation, for any purpose other than testing for leaks and equipment operation, the Permittee shall complete and submit to the Department DEP Form 62-620.910(12), Notification of Completion of Construction for Domestic Wastewater Facilities. [62-620.630(2), 12-24-96]
2. Within six months after a facility is placed in operation, the Permittee shall provide written certification to the Department on Form 62-620.910(13) that record drawings pursuant to Chapter 62-600, FAC, and that an operation and maintenance manual pursuant to Chapters 62-600 and 62-610, FAC, as applicable, are available at the location specified on the form. [62-620.630(7), 12-24-96]
3. If the Permittee wishes to continue operation of this wastewater facility after the expiration date of this permit, the Permittee shall submit an application for renewal; using Department Forms 62-620.910(1) and (2), no later than one-hundred and eighty days (180) prior to the expiration date of this permit. [62-620.410(5), 12-24-96]
4. Florida water quality criteria and standards shall not be violated as a result of any discharge or land application of reclaimed water or residuals from this facility. [62-620.320(9), 12-24-96 and 62-302.500(2)(e), 12-26-96][62-610.850(1)(a) and (2)(a), 1-9-96][62-640.700(3)(c), 3-1-91]
5. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), FAC, corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the Permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), FAC [62-600.410(8), 12-24-96 and 62-640.400(6), 3-30-98]
6. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited. [62-604.130(3), 12-26-96]
7. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. [62-604.550, 12-26-96] [62-620.610(20), 12-24-96]
8. The operating authority of a collection/transmission system and the Permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

- c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
- d. Which result in treatment plant discharges having temperatures above 40°C.

[62-604.130(4), 12-26-96]

9. The treatment facility, storage ponds, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-610.518(1), 1-9-96] [62-610.418(1), 1-9-96] [and 62-600.400(2)(b), 12-24-96]*
10. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-701.300(1)(a), 4-23-97]*

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1), 12-24-96]*
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2), 12-24-96]*
3. As provided in Subsection 403.087(6), FS, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3), 12-24-96]*
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4), 12-24-96]*
5. This permit does not relieve the Permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the Permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The Permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5), 12-24-96]*
6. If the Permittee wishes to continue an activity regulated by this permit after its expiration date, the Permittee shall apply for and obtain a new permit. *[62-620.610(6), 12-24-96]*

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

7. The Permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the Permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7), 12-24-96]*
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8), 12-24-96]*
9. The Permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the Permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.*[62-620.610(9), 12-24-96]*
10. In accepting this permit, the Permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, Florida Administrative Code. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10), 12-24-96]*
11. When requested by the Department, the Permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The Permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the Permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11), 12-24-96]*
12. Unless specifically stated otherwise in Department rules, the Permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the Permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, FAC, shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12), 12-24-96]*

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

13. The Permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, FAC [62-620.610(13), 12-24-96]
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340. FAC The Permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. [62-620.610(14), 12-24-96]
15. The Permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. [62-620.610(15), 12-24-96]
16. The Permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, 62-620.420 or 62-620.450, FAC, as applicable. at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.300 for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, FAC [62-620.610(16), 12-24-96]
17. The Permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The Permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
 - a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.[62-620.610(17), 12-24-96]
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, FAC, and 40 CFR 136, as appropriate.
 - a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10).
 - b. If the Permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - d. Any laboratory test required by this permit for domestic wastewater facilities shall be performed by a laboratory that has been certified by the Department of Health (DOH) under Chapter 64E1, FAC, to perform the test. On-site tests for dissolved oxygen, pH, and total chlorine residual shall be performed by a laboratory certified to test for those parameters or under the direction of an operator certified under Chapter 61E12-41, FAC
 - e. Under Chapter 62-160, FAC, sample collection shall be performed by following the protocols outlined in "DER Standard Operating Procedures for Laboratory Operations and Sample Collection Activities" (DER-QA-001/92). Alternatively, sample collection may be performed by

PERMITTEE: Indiantown Company
P. O. BOX 397
Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
EXPIRATION DATE: January 11, 2004
FACILITY I.D. NO.: FL0029939

an organization who has an approved Comprehensive Quality Assurance Plan (CompQAP) on file with the Department. The CompQAP shall be approved for collection of samples from the required matrices and for the required tests.

[62-620.610(18), 12-24-96]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. *[62-620.610(19), 12-24-96]*
20. The Permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the Permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the Permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
 - a. The following shall be included as information which must be reported within 24 hours under this condition:
 1. Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 2. Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 3. Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 4. Any unauthorized discharge to surface or ground waters.
 - b. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.

[62-620.610(20), 12-24-96]

21. The Permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX. 20 of this permit. *[62-620.610(21), 12-24-96]*
22. Bypass Provisions.
 - a. Bypass is prohibited, and the Department may take enforcement action against a Permittee for bypass, unless the Permittee affirmatively demonstrates that:
 1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been

**AMENDMENT TO THE FACT SHEET
FROM PREVIOUS FACT SHEET AND AMENDMENTS**

DATE: May 12, 1999

PERMIT NUMBER: FL0029939-003-DW1

FACILITY NAME: Indiantown Company Wastewater Treatment Plant

FACILITY LOCATION: Indiantown, Martin County

NAME OF PERMITTEE: Indiantown Company

PERMIT WRITER: Michael W. Bechtold

1. PERMIT REISSUANCE TO WASTEWATER PERMIT:

The wastewater permit was issued on January 12, 1999. The permit did not include the citrus grove irrigation due to problems with the irrigation system and harvesting of the fruit. On March 31, 1999, the Department allowed the irrigation of the site for a Part II Reuse System (Nursery Operation) under permit revision FL0029939-002-DW1P. This permit reissuance adds the monitoring requirements for the site. In addition, this permit adds the new requirements of FAC 62-640. The wastewater permit was issued without updating to the new requirement as allowed by the implementation section of FAC 62-640. The permit writer decided to include the new requirement since the attached administrative order did not have a complete residual management program. The change impacts the Permittee in that new Agricultural Use Plans will need to be completed with the new revised form that requires additional information. All of the sites utilized by the Permittee has more than one utility providing the residual to the sites and some of the other utilities must comply with the new requirements. Therefore, based on the best professional judgment of the permit writer, the new regulations are needed for this facility.

Some typographic corrections were made. In addition, the rule citations have been updated to the latest versions. The original draft permit was issued at the same time when most of the rules were reorganized which change the location of some of the rule requirements and established a later rule issuance date. This replacement has included the latest rule citations. The rule reorganization was issued without any changes in the rule requirements. Therefore, utilizing the newer citations would assist the Permittee in finding the location of the rules.

Facility Capacity (Capacities are given in Three month average daily flow (TMADF) units)

Existing Design Capacity:	1.0	mgd
Proposed Increase in Design Capacity:	0.0	mgd
Proposed Total Design Capacity:	1.0	mgd

Existing Permitted Capacity:	0.585	mgd
Proposed Increase in Permitted Capacity:	0.165	mgd
Proposed Total Permitted Capacity:	0.75	mgd

2. PROPOSED CHANGES TO EFFLUENT OR RECLAIMED WATER LIMITATIONS

Outfalls Serial Numbers D001, D002, and D003

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
96-hr Acute Static Renewal Cyprinella leedsi	Minimum	See below			
96-hr Acute Static Renewal- Ceriodaphnia Dubia	Minimum	See below			

Whole Effluent Toxicity: Table I. A. 1 through 3 has been modified to show the two species for toxicity sampling. This clarifies the monitoring requirements only.

Land Application System Serial Number R001

Land Application System Serial Number R002 (Changes) and new limits due to the addition of R003

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Flow	Maximum	See below R003			
Total Suspended Solids	Maximum		10.0		

Flow: The annual average daily flow to land application system R003 is estimated at 0.143 mgd.

Flow limits to R001, R002 and R003: The permit limits for annual average daily flows to R001, R002, and R003 are estimated values. If no overflow occurs during the year and the requirements of FAC 62-610 are complied with during any period where the annual average flow exceeds the flow limits, no violation is considered to department rules and this permit. The Permittee must provide the supporting documentation to the Department for this determination by the Department. The capacity of the reuse system is more dependent on the rain fall to the site. During dry seasons, the actual irrigation demand is higher than the permitted capacity for the reuse site. The permit writer does not want to limit the utility in disposing of the effluent to one of the sites due to limits in the permit. As long as no violations in the other requirements of FAC 62-610, the Permittee should be allowed to exceed flow limit on the reuse site. The total flows to all three reuse sites are covered in flow limitations to the wastewater treatment plant. This is needed to ensure that the connection to the wastewater treatment plant does not exceed the total reuse capacity. The influent flow limitation is to ensure that during the a year of above normal rain fall, the reuse system has sufficient capacity.

3. BASIS FOR EFFLUENT AND RECLAIMED WATER LIMITS AND MONITORING REQUIREMENTS (INCLUDING EFFLUENT MONITORING REQUIREMENTS)

Land Application Systems R002 (changes) and R003

Parameter	Basis	Rationale
Flow	Three Month Average	62-600.400(3)(b) FAC
Total Suspended Solids	Single Sample Max.	62-600.440(5)(f)3. FAC and BPJ
Monitoring Frequency and Sample Type	All Parameters	62-601 FAC & 62-699 FAC and/or BPJ of permit writer
Sampling Location	All Parameters	62-610.513 FAC

Nutrient Monitoring: The percolation ponds and the Nursery irrigation sites are located near a surface water St. Lucie Canal. The existing nutrient monitoring for R001 is adequate for R002 and R003. The nitrate limitations with in R001 apply to R002 and R003. Duplicated monitoring for R002 has been eliminated

Total Suspended Solids: The effluent force main after the effluent filter flows to R002 and R003. The TSS limit has been limited to 10.0 mg/L monthly average. The permit writer determined that TBEL limit of 30 mg/L would cause operational problem with plugging of the drip irrigation system. However, the 10 mg/L single sample limit for subsurface irrigation may be too stringent. Therefore, base on his best professional judgment, a monthly limit of 10.0 mg/L would provide reasonable assurances that the effluent will not plug the drip irrigation system.

Flow Monitoring: The monitoring of the flows discharging off site of the wastewater treatment plant flows to R002 and R003. The Permittee shall establish a protocol to determine the respective flows to each site. Four additional flow monitoring sites are being added to the permit. Two of the additional flow monitoring sites are to require the total flow overflowing the percolation ponds (R002) will be included in the DMR. The other two monitoring sites are to record the specific flows to reuse sites R002 and R003. This is needed to ensure how much flow goes to each reuse system.

4. PUBLIC COMMENTS:

N/A

5. EPA CONCURRENCE:

No changes in the permit were made for the NPDES portion of the permit. Therefore, the permit is being sent to EPA when the permit is issued as per the operating agreement with EPA.

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Indiantown Utilities
 MAILING ADDRESS: P. O. BOX 397
 Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DWI
 MONITORING PERIOD From: _____
 To: _____
 LIMIT: Final
 CLASS SIZE: Minor

REPORT: Monthly
 GROUP: Domestic

FACILITY: Indiantown Company Wastewater Treatment Plant
 LOCATION: 15851 S.W. Farms Road
 Indiantown, FL 34956

FACILITY ID: FL0029939
 GMS ID NO.: 5143P03291
 DISCHARGE POINT NUMBER: D001
 PLANT SIZE/TREATMENT TYPE: HC

WAFR SITE NO.: 20552

COUNTY: Martin

NO DISCHARGE FROM SITE

Parameter	Sample Measurement	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Report (Total Month.)	Report (Daily Flow)								
Flow STORET No. 00056 1 Mon.Site No. EFF-1	Permit Measurement			mg						Continuous during any overflow	Calculated Flow
TRC for dechlorination STORET No. 50060 1 Mon.Site No. EFF-1	Permit Measurement				0.01 (Max.)			mg/L		Daily during any overflow	Grab
pH STORET No. 00406 1 Mon.Site No. EFF-1	Permit Measurement				6.0 (Min.)	8.5 (Max.)		S.U.		Daily during any overflow	Grab
Oxygen, Dissolved (DO) STORET No. 00300 1 Mon.Site No. EFF-1	Permit Measurement				5.0 (Min.)			mg/L		Daily during any overflow	Grab
B	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Indiantown Utilities
 MAILING ADDRESS: P. O. BOX 397
 Indiantown, FL 34956

PERMIT NUMBER: FL 0029939-003-DWI
 MONITORING PERIOD From: _____
 LIMIT: Final
 CLASS SIZE: Minor

To: _____
 REPORT: Toxicity
 GROUP: Domestic

FACILITY: Indiantown Company Wastewater Treatment Plant
 LOCATION: 15851 S.W. Farms Road
 Indiantown, FL 34956

FACILITY ID: FL 0029939
 GMS ID NO.: 5143P03291
 DISCHARGE POINT NUMBER: D001
 PLANT SIZE/TREATMENT TYPE: HC

WAFR SITE NO.: 20552

COUNTY: Martin

NO DISCHARGE FROM SITE

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
96-hr Acute Static Renewal- Cyprinella lecdsi PARM Code TAN-6H Mon.Site No. EFF-1	Sample Measurement										
	Permit Requirement				LC 50 greater than 100%			% effluent		annual	four grab samples during a 24 hour day
96-hr Acute Static Renewal- Ceriodaphnia Dubia PARM Code TAN-3B Mon.Site No. EFF-1	Sample Measurement										
	Permit Requirement				LC 50 greater than 100%			% effluent		annual	four grab samples during a 24 hour day
61	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Indiantown Utilities
 MAILING ADDRESS: P. O. BOX 397
 Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
 MONITORING PERIOD From: _____
 LIMIT: Final
 CLASS SIZE: Minor

To: _____
 REPORT: Monthly
 GROUP: Domestic

FACILITY: Indiantown Company Wastewater Treatment Plant
 LOCATION: 15851 S.W. Farms Road
 Indiantown, FL 34956

FACILITY ID: FL0029939
 GMS ID NO.: 5143P03291
 DISCHARGE POINT NUMBER: 1X002
 PLANT SIZE/TREATMENT TYPE: IIC

WAFR SITE NO.: 20552

COUNTY: Martin

NO DISCHARGE FROM SITE

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
		Report (Total Month.)	Report (Daily Flow)							
Flow STORET No. 0005+6 1 Mon.Site No. EFF-2	Sample Measurement									
	Permit Measurement			mg					Continuous during any overflow	Calculated Flow
TRC for dechlorination STORET No. 50060 1 Mon.Site No. EFF-2	Sample Measurement									
	Permit Measurement				0.01 (Max.)		mg/L		Daily during any overflow	Grab
pH STORET No. 00406 1 Mon.Site No. EFF-2	Sample Measurement									
	Permit Measurement				6.0 (Min.)	8.5 (Max.)	S.U.		Daily during any overflow	Grab
Oxygen, Dissolved (DO) STORET No. 00300 1 Mon.Site No. EFF-2	Sample Measurement									
	Permit Measurement				5.0 (Min.)		mg/L		Daily during any overflow	Grab
62	Sample Measurement									
	Permit Measurement									
	Sample Measurement									
	Permit Measurement									
	Sample Measurement									
	Permit Measurement									
	Sample Measurement									
	Permit Measurement									

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY NAME: Indiantown Company Wastewater Treatment Plant

PERMIT NUMBER: FL0029939-003-DW1

DISCHARGE POINT NUMBER: D002

WAFR SITE No.: 20552

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
96-hr Acute Static-Cyprinella loedsi PARM Code TAN-6H Mon.Site No. EFF-2	Sample Measurement										
	Permit Requirement				LC 50 greater than 100%			% effluent		annual	four grab samples during a 24 hour day
96-hr Acute Static Renewal-Ceriodaphnia Dubia PARM Code TAN-3B Mon.Site No. EFF-2	Sample Measurement										
	Permit Requirement				LC 50 greater than 100%			% effluent		annual	four grab samples during a 24 hour day
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
603	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Indiantown Utilities
 MAILING ADDRESS: P. O. BOX 397
 Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
 MONITORING PERIOD From: _____
 LIMIT: Final
 CLASS SIZE: Minor

To: _____
 REPORT: Monthly
 GROUP: Domestic

FACILITY: Indiantown Company Wastewater Treatment Plant
 LOCATION: 15851 S.W. Farms Road
 Indiantown, FL 34956

FACILITY ID: FL0029939
 GMS ID NO.: 5143P03291
 DISCHARGE POINT NUMBER: D003
 PLANT SIZE/TREATMENT TYPE: IIC

WAFR SITE NO.: 20552

COUNTY: Martin

NO DISCHARGE FROM SITE

Parameter	Sample Measurement	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Report (Total Month.)	Report (Daily Flow)								
Flow	Sample Measurement										
STORET No. 00056 1 Mon.Site No. EFF-3	Permit Measurement			mg						Continuous during any overflow	Calculated Flow
pH	Sample Measurement										
STORET No. 00406 1 Mon.Site No. EFF-3	Permit Measurement				6.0 (Min.)	8.5 (Max.)		S.U.		Daily during any overflow	grab
TRC for dechlorination	Sample Measurement										
STORET No. 50060 1 Mon.Site No. EFF-3	Permit Measurement				0.01 (Max.)			mg/L		Daily during any overflow	Grab
Oxygen, Dissolved (DO)	Sample Measurement										
STORET No. 00300 1 Mon.Site No. EFF-3	Permit Measurement				5.0 (Min.)			mg/L		Daily during any overflow	Grab
pH	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY NAME: Indiantown Company Wastewater Treatment Plant

PERMIT NUMBER: FL0029939-003-DW1

DISCHARGE POINT NUMBER: D003

WAFR SITE No.: 20552

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
96-hr Acute Static-Cyprinella leedsi PARM Code TAN-6H Mon.Site No. EFF-3	Sample Measurement										
	Permit Requirement				LC 50 greater than 100%			% effluent		annual	four grab samples during a 24 hour day
96-hr Acute Static Renewal-Ceriodaphnia Dubia PARM Code TAN-3B Mon.Site No. EFF-3	Sample Measurement										
	Permit Requirement				LC 50 greater than 100%			% effluent		annual	four grab samples during a 24 hour day
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
R	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Southeast District, P.O. Box 15425, West Palm Beach, 33416

PERMITTEE NAME: Indiantown Utilities
 MAILING ADDRESS: P. O. BOX 397
 Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
 MONITORING PERIOD From: _____
 LIMIT: Final
 CLASS SIZE: Minor

To: _____
 REPORT: Monthly
 GROUP: Domestic

FACILITY: Indiantown Company Wastewater Treatment Plant
 LOCATION: 15851 S.W. Farms Road
 Indiantown, FL 34956

FACILITY ID: FL0029939
 GMS ID NO.: 5143P03291
 DISCHARGE POINT NUMBER: R001
 PLANT SIZE/TREATMENT TYPE: IIC

WAFR SITE NO.: 20552

COUNTY: Martin

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
STORET No. 50050 Mon.Site No. EFF-6	Permit Measurement	0.4 (An.Avg.)		mgd						Continuous with 6 readings/week	Flow Meters with Totalizer
Flow	Sample Measurement										
STORET No. 50050 Mon.Site No. EFF-6	Permit Measurement		Report (Mo.Avg.)	mgd						Continuous with 6 readings/week	Flow Meters with Totalizer
CBOD5	Sample Measurement										
STORET No. 80082 Mon.Site No. EFF-6	Permit Measurement				20.0 (An.Avg.)			mg/L		Weekly	8-hour FPC
CBOD5	Sample Measurement										
STORET No. 80082 Mon.Site No. EFF-6	Permit Measurement				25.0 (Mo.Avg.)	40.0/report (Week.Avg.)	60.0 (Max.)	mg/L		Weekly	8-hour FPC
TSS	Sample Measurement										
STORET No. 00530 Mon.Site No. EFF-6	Permit Measurement				20.0 (An.Avg.)			mg/L		Weekly	8-hour FPC
TSS	Sample Measurement										
STORET No. 00530 Mon.Site No. EFF-6	Permit Measurement				30.0 (Mo.Avg.)	45.0/report (Week.Avg.)	60.0 (Max.)	mg/L		Weekly	8-hour FPC
pH	Sample Measurement										
STORET No. 00406 Mon.Site No. EFF-6	Permit Measurement				6.0 (Min.)	8.5 (Max.)		S.U.		6 Days/week	Grab
	Sample Measurement										
	Permit Measurement										

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

Handwritten initials

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY NAME: Indiantown Company Wastewater Treatment Plant

PERMIT NUMBER: FL0029939-003-DW1

DISCHARGE POINT NUMBER: R001

WAFR SITE No.: 20552

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrate, as N STORET No. 00602 Mon.Site No. EFF-6	Sample Measurement										
	Permit Measurement				12.0 (Max.)			mg/L		Weekly	Grab
Nitrogen, Total as N STORET No. 00602 Mon.Site No. EFF-6	Sample Measurement										
	Permit Measurement				Report (Max.)	Report (Avg.)		mg/L		Weekly	8-hour FPC
Phosphorus, Total as P STORET No. 00620 Mon.Site No. EFF-6	Sample Measurement										
	Permit Measurement				Report (Max.)	Report (Avg.)		mg/L		Weekly	8-hour FPC
Fecal Coliform Bacteria STORET No. 31615 Mon.Site No. EFF-6	Sample Measurement										
	Permit Measurement				200 (An.Avg.)			#/100mL		Weekly	Grab
Fecal Coliform Bacteria STORET No. 31615 Mon.Site No. EFF-6	Sample Measurement										
	Permit Measurement				Report (Mo.Geo.Mean)	800 (Max.)		#/100mL		Weekly	Grab
TRC for disinfection STORET No. 50060 Mon.Site No. EFF-6	Sample Measurement										
	Permit Measurement				0.5 (Min.)			mg/L		6 Days/week	Grab
5	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Southeast District, P.O. Box 15425, West Palm Beach, 33416

PERMITTEE NAME: Indiantown Utilities
 MAILING ADDRESS: P. O. BOX 397
 Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1
 MONITORING PERIOD From: _____
 LIMIT: Final
 CLASS SIZE: Minor

To: _____
 REPORT: Monthly
 GROUP: Domestic

FACILITY: Indiantown Company Wastewater Treatment Plant
 LOCATION: 15851 S.W. Farms Road
 Indiantown, FL 34956

FACILITY ID: FL0029939
 GMS ID NO.: 5143P03291
 DISCHARGE POINT NUMBER: R002, R003
 PLANT SIZE/TREATMENT TYPE: HC

WAFR SITE NO.: 20552
 GMS TEST SITE NO.: _____

COUNTY: Martin

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Report (Total Month.)	Report (Daily Flow)								
Flow STORET No. 00056 Mon.Site No. EFF-4	Sample Measurement										
	Permit Measurement	Report (Total Month.)	Report (Daily Flow)	mg						Continuous during any overflow	Calculated Flow
Flow STORET No. 00056 Mon.Site No. EFF-5	Sample Measurement										
	Permit Measurement	Report (Total Month.)	Report (Daily Flow)	mg						Continuous during any overflow	Calculated Flow
Flow STORET No. 50050 Mon.Site No. EFF-7	Sample Measurement										
	Permit Measurement		Report (Mo.Avg.)	mgd						Continuous with 6 readings/week	Recording flow meters and totalizer
Flow STORET No. 50050 Mon.Site No. EFF-8	Sample Measurement										
	Permit Measurement	0.107 (An.Avg.)		mgd						Continuous with 6 readings/week	Calculated Flow
Flow STORET No. 50050 Mon.Site No. EFF-8	Sample Measurement										
	Permit Measurement		Report (Mo.Avg.)	mgd						Continuous with 6 readings/week	Calculated Flow
Flow STORET No. 50050 Mon.Site No. EFF-9	Sample Measurement										
	Permit Measurement	0.143 (An.Avg.)		mgd						Continuous with 6 readings/week	Calculated Flow
Flow STORET No. 50050 Mon.Site No. EFF-9	Sample Measurement										
	Permit Measurement		Report (Mo.Avg.)	mgd						Continuous with 6 readings/week	Calculated Flow
TSS STORET No. 00530 Mon.Site No. EFF-6	Sample Measurement										
	Permit Measurement				10.0 (Mo.Avg.)			mg/L		Weekly	8-hour FPC

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Southeast District, P.O. Box 15425, West Palm Beach, 33416

PERMITTEE NAME: Indiantown Utilities
 MAILING ADDRESS: P. O. BOX 397
 Indiantown, FL 34956

PERMIT NUMBER: FL0029939-003-DW1

MONITORING PERIOD From: _____

LIMIT: Final _____

CLASS SIZE: Minor

To: _____

REPORT: Monthly

GROUP: Domestic

FACILITY: Indiantown Company Wastewater Treatment Plant
 LOCATION: 15851 S.W. Farms Road
 Indiantown, FL 34956

FACILITY ID: FL0029939

GMS ID NO.: 5143P03291

DISCHARGE POINT NUMBER: Influent Monitoring Point

PLANT SIZE/TREATMENT TYPE: IC

WAFR SITE NO.: 20552

GMS TEST SITE NO.: _____

COUNTY: Martin

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow		Sample Measurement									
STORET No. 50050 Mon.Site No. INF-1	G	Permit Measurement	0.75 (3-Mo.Avg.)	Report (Mo.Avg.)	mgd					Continuous	Flow Meters
CBOD5		Sample Measurement									
STORET No. 80082 Mon.Site No. INF-1	G	Permit Measurement				Report (Mo.Avg.)		mg/L		Weekly	16-hour FPC
TSS		Sample Measurement									
STORET No. 00530 Mon.Site No. INF-1	G	Permit Measurement				Report (Mo.Avg.)		mg/L		Monthly	16-hour FPC
59		Sample Measurement									
		Permit Measurement									
		Sample Measurement									
		Permit Measurement									
		Sample Measurement									
		Permit Measurement									
		Sample Measurement									
		Permit Measurement									
		Sample Measurement									
		Permit Measurement									

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

DAILY SAMPLE RESULTS - PART B

D001

Permit Number: FL0029939-003-DW1

Monitoring Period From: _____ To: _____

Discharge y/n

Code	Flow (mg)	pH (Max)	pH (Min)	Fecal Coliform Bacteria (#/100mL)	TRC (For Declorination) (mg/L)	Dissolved Oxygen (mg/L)				
00056	00400	00400	74055	50060	50060					
Mon. Site	EFF-1	EFF-1	EFF-1	EFF-1	EFF-1	EFF-1				
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

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: _____

Type of Effluent Disposal or Reclaimed Water Reuse: _____

Limited Wet Weather Discharge Activated: Yes: No: Not Applicable: If yes, cumulative days of wet weather _____

*Attach additional sheets if necessary to list all certified operators.

DAILY SAMPLE RESULTS - PART B

D002

PermitNumber: FL0029939-003-DW1

Discharge y/n

Monitoring Period From: _____ To: _____

	Flow (mg)	pH (Max)	pH (Min)	Fecal Coliform Bacteria (#/100mL)	TRC (For Decolorination) (mg/L)	Dissolved Oxygen (mg/L)					
Code	00056	00400	00400	74055	50060	50060					
Mon. Site	EFF-2	EFF-2	EFF-2	EFF-2	EFF-2	EFF-2					
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											

DAILY SAMPLE RESULTS - PART B

D003

PermitNumber: FL0029939-003-DW1

Discharge y/n

Monitoring Period From: _____ To: _____

	Flow (mg)	pH (Max)	pH (Min)	Fecal Coliform Bacteria (#/100mL)	TRC (For Declorination) (mg/L)	Dissolved Oxygen (mg/L)					
Code	00056	00400	00400	74055	50060	50060					
Mon. Site	EFF-3	EFF-3	EFF-3	EFF-3	EFF-3	EFF-3					
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											

DAILY SAMPLE RESULTS - PART B

R001

PermitNumber: FL0029939-003-DW1
 Monitoring Period From: _____ To: _____

Three-month Average Daily Flow:
 (TMADF/Permitted Capacity)x100:

Code	Flow. (MGD)	Flow. (MGD)	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/l)	TSS (mg/L)	pH (Max)	pH (Min)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/l)
Mon. Site	EFF-6	INF-1	EFF-6	INF-1	EFF-6	INF-1	EFF-6	EFF-6	EFF-6	EFF-6
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

DAILY SAMPLE RESULTS - PART B

Cont R001

PermitNumber: FL0029939-003-DW1

Monitoring Period From: _____ To: _____

Three-month Average Daily Flow:
(TMADF/Permitted Capacity)x100:

Code	Nitrate as N	Nitrogen, Total as N	Phosphorus, Total as P							
Mon. Site										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

DAILY SAMPLE RESULTS - PART B

R002 and R003

Permit Number: FL0029939-003-DW1

Monitoring Period From: _____ To: _____

Three-month Average Daily Flow:
(TMADF/Permitted Capacity)x100:

	Flow. (MG)	Flow. (MG)	Flow. (MGD)	Flow. (MGD)	Flow. (MGD)	TSS (mg/l)						
Code	00056	00056	50050	50050	50050	00530						
Mon. Site	EFF-4	EFF-5	EFF-7	EFF-8	EFF-9	EFF-6						
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

75

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

The DMR consists of four parts--A, B, C, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part C is only applicable for domestic wastewater facilities with limited wet weather discharges permitted under Chapter 62-610.860, F.A.C. Part D is used for reporting ground water monitoring well data.

Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be typed or printed in ink.

In addition to filling in numerical results on various parts of the DMR, the following codes should be used and an explanation provided where appropriate. Note: Codes used by the lab for raw data may be different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period since limit is conditional.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.
TNTC	Too numerous to count (for fecal coliform bacteria only).

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions and code should be used:

CODE	DESCRIPTION/INSTRUCTIONS
<	If the sampled value is less than the method detection limit (MDL), enter a less than sign followed by the laboratory's MDL value, e.g. < 0.001. In cases where a laboratory reports a value which is less than the parameter's practical quantification limit (PQL), but not less than the MDL, the value should be reported as the laboratory's MDL value. For example, where the MDL = 0.001, the PQL = 0.005 and the laboratory reports <0.005 (the PQL), the value of 0.001 should be reported on the DMR.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.) Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following blanks in the header should be completed by the permittee or authorized representative:

No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number. If there was no discharge of effluent for a particular outfall, reuse, or land application system and the DMR monitoring group includes other monitoring locations (e.g., influent sampling); the "NOD" code should be used to individually denote those parameters for which there was no discharge.

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.).

No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter. If none, enter zero.

Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.

Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

76

PART B - DAILY SAMPLE RESULTS

Month/Year: Enter the month and year during which the data on this report were collected and analyzed.

Three-month Average Daily Flow: Calculate and enter the three-month average daily flow to the treatment facility.

(TMADF/Permitted Capacity) x 100: Divide the three-month average daily flow by the permitted capacity of the treatment facility, multiply by 100, and enter this value.

Daily Monitoring Results: Record the results of daily monitoring for the parameters required to be sampled by your permit. Record the data in the units indicated.

Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

Type of Effluent Disposal or Reclaimed Water Reuse: Enter the type of effluent disposal or reclaimed water reuse (e.g. surface water discharge, ocean outfall, slow rate land application-public access, slow rate land application-restricted public access, rapid rate land application, absorption field, underground injection).

Limited Wet Weather Discharge Activated: If this plant does not have a limited wet weather discharge permitted under the provision of Rule 62-610.860, F.A.C., check 'Not Applicable.' If the plant activated the wet weather discharge during the reporting month, check 'Yes' and attach PART C - LIMITED WET WEATHER DISCHARGE.

PART C - LIMITED WET WEATHER DISCHARGE

This part is to be completed and submitted each month reclaimed water or effluent is discharged by a limited wet weather discharge permitted under Rule 62-610.860, F.A.C. For months with no discharge, Part C need not be submitted. All information is to be provided for each day on which the limited wet weather discharge was activated.

Month/Year: Enter the month and year during which the data on this report were collected and analyzed.

Rainfall Information: Enter the name and location of the rainfall gauging station, the source of climatological (normal rainfall) data, the cumulative rainfall for the average rainfall year, and the cumulative rainfall to date for this calendar year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which falls during an average rainfall year from January through the month for which this part contains data. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.

Date: Enter the date on which the discharge occurred.

Duration of Discharge: Enter the number of hours, to the nearest 0.1 of an hour (0.1 hr. = 6 min.) during each day of discharge that reclaimed water was actually discharged to surface waters.

Gallons Discharged: Enter the quantity in millions of gallons of reclaimed water discharged during the period shown in duration of discharge. Show the units as millions of gallons (mg), accurate to the nearest 0.01.

Average Discharge Flow Rate: Divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).

Average Upstream Flow Rate: Enter the average flow rate in the receiving stream upstream from the point of discharge for the period shown in duration of discharge. The average flow rate can be calculated based on two measurements: one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.

Stream Dilution Factor: Enter the actual stream dilution ratio accurate to the nearest 0.1. To calculate the factor, divide the average upstream flow rate by the average discharge flow rate.

CBOD₅: Enter the average CBOD₅ of the reclaimed water discharged during the period shown in duration of discharge.

TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.

Total P: Enter the cumulative number of days since January 1 of the current year during which the limited wet weather discharge was activated divided by the total number of days since January 1 of the current year multiplied by 100%.

Reason for Discharge: Provide a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.

Sampling Methods: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)

Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).

Preservatives Added: State what preservatives were added to the sample.

Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.

Analysis Result/Units: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Enter the units associated with the results of the analysis.

Detection Limits/Units: Record the detection limits of the analytical methods used and the units associated with them.

Comments and Explanations: Use this space to make any comments on or explanations of results which are unexpected. If more space is needed, reference all attachments in this area.

GROUNDWATER MONITORING REPORT - PART D

R001

Permit Number: FLA0129939-DWIP-001 - Indiantown Company WWTF
 Month/Year:
 Date Sample Obtained:
 Was the well pumped before sampling? Yes No

Monitoring Location Site Number: MWC-1
 Well Type: Compliance
 Ground Water Class: G-II

Parameter	Store Code	Sampling Methods	Samples Filtered(Y/N)	Preservatives Added	Analysis Method	Analysis Result/Units	Detection Limits/Units
Water level(field measurement)	82545						
Nitrate (as N)	00620						
Total dissolved solids	00515						
Arsenic, Total Recoverable	00978						
Chloride	00941						
Cadmium, Total Recoverable	01113						
Chromium, Total Recoverable	01118						
Lead, Total Recoverable	01114						
Fecal Coliform	31616						
pH	00406						
Sulfate	00945						
Total Nitrogen (as N)	00600						
Total Phosphorus (as P)	00665						

Comments and Explanation:

78

GROUNDWATER MONITORING REPORT - PART D
R001

Permit Number: FLA0129939-DW1P-001 - Indiantown Company WWTF
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? Yes No

Monitoring Location Site Number: MWB-1
 Well Type: BACKGROUND
 Ground Water Class: G-II

Parameter	Store Code	Sampling Methods	Samples Filtered(Y/N)	Preservatives Added	Analysis Method	Analysis Result/Units	Detection Limits/Units
Water level(field measurement)	82545						
Nitrate (as N)	00620						
Total dissolved solids	00515						
Arsenic, Total Recoverable	00978						
Chloride	00941						
Cadmium, Total Recoverable	01113						
Chromium, Total Recoverable	01118						
Lead, Total Recoverable	01114						
Fecal Coliform	31616						
pH	00406						
Sulfate	00945						
Total Nitrogen (as N)	00600						
Total Phosphorus (as P)	00665						

Comments and Explanation:

62

GROUNDWATER MONITORING REPORT - PART D

R002

Permit Number: FLA0129939-DWIP-001 - Indiantown Company WWTF
 Month/Year:
 Date Sample Obtained:
 Was the well pumped before sampling? Yes No

Monitoring Location Site Number: MWC-2
 Well Type: Compliance
 Ground Water Class: G-II

Parameter	Storet Code	Sampling Methods	Samples Filtered(Y/N)	Preservatives Added	Analysis Method	Analysis Result/Units	Detection Limits/Units
Water level(field measurement)	82545						
Nitrate (as N)	00620						
Total dissolved solids	00515						
Arsenic, Total Recoverable	00978						
Chloride	00941						
Cadmium, Total Recoverable	01113						
Chromium, Total Recoverable	01118						
Lead, Total Recoverable	01114						
Fecal Coliform	31616						
pH	00406						
Sulfate	00945						
Total Nitrogen (as N)	00600						
Total Phosphorus (as P)	00665						

Comments and Explanation:



GROUNDWATER MONITORING REPORT - PART D

R002

Permit Number: FLA0129939-DW1P-001 - Indiantown Company WWTF
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? Yes No

Monitoring Location Site Number: MWB-2
 Well Type: BACKGROUND
 Ground Water Class: G-II

Parameter	Store Code	Sampling Methods	Samples Filtered(Y/N)	Preservatives Added	Analysis Method	Analysis Result/Units	Detection Limits/Units
Water level(field measurement)	82545						
Nitrate (as N)	00620						
Total dissolved solids	00515						
Arsenic, Total Recoverable	00978						
Chloride	00941						
Cadmium, Total Recoverable	01113						
Chromium, Total Recoverable	01118						
Lead, Total Recoverable	01114						
Fecal Coliform	31616						
pH	00406						
Sulfate	00945						
Total Nitrogen (as N)	00600						
Total Phosphorus (as P)	00665						

Comments and Explanation:



GROUNDWATER MONITORING REPORT - PART D
R003

Permit Number: FLA0129939-DW1P-001 - Indiantown Company WWTF
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? Yes No

Monitoring Location Site Number: MWC-4
 Well Type: Compliance
 Ground Water Class: G-II

Parameter	Store Code	Sampling Methods	Samples Filtered(Y/N)	Preservatives Added	Analysis Method	Analysis Result/Units	Detection Limits/Units
Water level(field measurement)	82545						
Nitrate (as N)	00620						
Total dissolved solids	00515						
Arsenic, Total Recoverable	00978						
Chloride	00941						
Cadmium, Total Recoverable	01113						
Chromium, Total Recoverable	01118						
Lead, Total Recoverable	01114						
Fecal Coliform	31616						
pH	00406						
Sulfate	00945						
Total Nitrogen (as N)	00600						
Total Phosphorus (as P)	00665						

Comments and Explanation:

82

Water Operating Permit



Department of Environmental Protection

Lawton Chiles
Governor

Southeast District
P.O. Box 15425
West Palm Beach, Florida 33416

RECEIVED
JUL 28 1997

Virginia B. Wetherell
Secretary

JUL 25 1997

Robert M. Post, President
Indiantown Company, Inc.
Post Office Box 397
Indiantown, Florida 34956

Re: Indiantown Water Plant Capacity

Dear Mr. Post:

This letter will confirm the outcome of your June 23, 1997, meeting with Department staff to review the water plant capacity rating. The Department acknowledges that the current water treatment plant capacity rating is 1.2 million gallons per day (MGD). This decision is based on an interpretation of the December 13, 1957 Board of Health approval (Serial #2506) and cover letter which refers to a future expansion of the plant; the fact that condition #1 of the permit required only that construction of the plant commence within one year and did not establish a deadline for installation of the second filter and lime-softening unit; the non-expiring nature of the Board of Health permit; receipt of certification from the engineer-of-record for installation of the second filter and lime-softening unit in 1976; and the installation of additional wells over the last forty years which has increased the current raw water capacity to 1.2 MGD.

In regards to the "Environmental Problem Solving" task force which was mentioned at the meeting, you will be contacted in the near future to schedule the initial meeting of the group.

If you have any questions, please contact Al Mueller of this office at 561/681-6752.

Sincerely,

for Carlos Rivero-deAguilar
Carlos Rivero-deAguilar Date 07/25/97
Director of District Management
Southeast District

CRA: *MS/VA*

cc: Steve Doyle, P.E. - Lindahl, Browning, Ferrari & Hellstrom
Honorable Ken Pruitt, Florida House of Representatives

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

84

This Space For Use By Approving Agency

FLORIDA STATE BOARD OF HEALTH
JACKSONVILLE 1, FLORIDA

SANITARY ENGINEERING

RECEIVED

DEC 13 1957

DIRECTOR.....

ADMIN..... REFERRED TO

WATER..... ENVIR

SEWAGE..... FILED

OTHER.....

APPLICATION FOR APPROVAL OF PLANS &
SPECIFICATIONS FOR PUBLIC WATER
SUPPLY SYSTEM

This Space For Use By Approving Agency

Approval Date

DEC 13 1957

Serial No.

2506

85

To the Florida State Board of Health:

The Indiantown Company, Inc.

(Insert title of body making application, i.e., municipality, corporation, etc.)

whose address is 150 Broadway
(Street and Number)

New York 38, New York
(City)

authorized by law to act for the said

Corporation

(Insert city, town or corporation)

and to expend its funds for water supply and treatment works, herewith submit for the consideration of the State Board of Health, plans, specifications and other necessary data (including Form EWI-36) prepared by

Rader and Associates

(Engineer or firm)

of 111 N. E. 2nd Avenue, Miami, Florida
(Address)

who is hereby authorized to represent the applicant in the engineering features of this project for the installation of A new Water Treatment Plant
(Clearly describe: new system, new plant, modification, extension)

to serve Indiantown Developments
(Subdivision, plant, school, other)

located JK

(Approximate location)

in/near the city of Indiantown in the county of Martin state of Florida, as required by the regulations of the State Board of Health and herewith make application to the State Board of Health for the approval of this project.

These plans, specifications and related documents will be approved and accepted by Directors
(Board, Council, Directors, Etc.) when they have received the approval of the State Board of Health.

Upon construction, these facilities will be owned by Indiantown Company, Inc. and will be

operated and maintained by Indiantown Co., Inc. whose address is

(City forces, name of utility co., or owner)

150 Broadway
(Street and Number)

New York 38, New York

(City or town)

This application is made under and in full accord with the provisions of Chapter 381, Sections 381.251—381.291, inclusive, and Section 381.391, Florida Statutes, and such other statutes as related to public water supply, treatment and distribution. THE APPLICANTS AGREE THAT NO CHANGES IN OR DEVIATION FROM THE PLANS AND SPECIFICATIONS APPROVED BY THE STATE BOARD OF HEALTH WILL BE MADE EXCEPT WITH THE CONSENT AND APPROVAL OF THE STATE BOARD OF HEALTH.

REMARKS:

Preparation of engineering documents certified by:
RADER AND ASSOCIATES

By:

John W. Greenleaf, Jr.
Signature: Engineer registered under Florida Statutes

John W. Greenleaf, Jr. No. 3812
Typed Name and Fla. Registration No.

INDIANTOWN COMPANY, INC.

Robert M. Post
Signature: Mayor, Chairman or President

Robert M. Post, Secretary
Typed Name and Title of above

Signature: City Clerk, Board Secretary, Etc.

Typed Name and Title of above

Co-Signature: Agent for Operation and Maintenance if different

Typed Name and Title: Agent for Operation and Maintenance

86

FLORIDA STATE BOARD OF HEALTH
BUREAU OF SANITARY ENGINEERING

Information Regarding Proposed Works

REVIEWED
NOV 15 1957
DIRECTOR
ADMIN. WATER SEWAGE
REFERRED TO FILES OTHER

Submit comprehensive engineer's report with all plans and in addition fill out such portions of the following as relate to the proposed works: Use supplementary sheets, if necessary, and if data is shown on plans insert "see plans"

Locality Indiantown, Florida Date December 2, 1957
(Name of municipality, institution, etc.)

Owner's mail Address Indiantown Company, Inc., 150 Broadway, New York 38, New York

Information furnished by Rader and Associates, Miami, Florida Engineer designing works 240,000
(Name and Address)

Estimated total cost of project \$ 240,000 Water Treatment \$ _____ Distribution \$ _____

A - GENERAL

- Present Population (municipality, institution, etc.) 750
- Design Population (served by proposed system) 1st Stage: 1000 homes - 3500 persons
- Estimated population to be connected, ~~5~~ years 2100 ~~10~~ years 10,500 ~~20~~ years 35,000
- Present per capita consumption unknown Per capita estimate future 100 gpd
- Give any industrial users or abnormal demands Zarella, Baum and Burrell Packing Companies - no abnormal demands

6. Give characteristics present water (analysis attached if available) See Specifications Hard, soft, colored, turbid, etc.)

7. Characteristics proposed water (analysis attached) See Specifications

8. Give source proposed water Deep, gravel packed wells See Specs. 2500
(Deep well, shallow well, spring, etc.)

9. Give sources pollution None; sewage treatment plant more than one mile northwest of nearest well.

10. List treatment (softening, filtration, chlorination) rapid sand filtration, chlorination, stabilization. upflow lime slurry softening

11. Purified water storage: Capacity present elevated 80,000 gal. Ground 56,000 gal.
Capacity proposed elevated 10,000 gal. hydro-pneu. tank (existing 80,000 gal. tank not high enough) Ground 130,000 gal. clear wall
Static head relation pumping plant 160 feet

APPROVED BY
FLORIDA STATE BOARD OF HEALTH
NOV 15 1957
DIRECTOR, BUREAU OF SANITARY ENGINEERING
NOTE: THIS APPROVAL IS NOT INTENDED TO COVER STRUCTURAL DESIGN.

B - WELL SUPPLY

1. Existing Wells

Numbers	5	2										
Sizes	1 1/2"	2"										
Depths ft.	30'	111'										
Pump (Type)	2 - Centrifugal @ 100 gpm											
Capacity (wells)	20 gpm. each											

2. Proposed Wells

Numbers	4											
Sizes	10"											
Depths	115'											
Pump (Type)	Turbine											
Capacity (wells)	115 gpm each											

Type construction Drilled Casing Steel pipe

Give all geological data, including log of test wells or wells in vicinity (attach sheet)

3. Describe possible sources of contamination: None

C - SURFACE SUPPLIES

1. Name of stream, lake, or pond None

2. Show by map watershed, towns or communities above intake, industrial plants, and in immediate vicinity, farm house, picnic grounds, abattoirs and other sources pollution, with distance from intake. Locate intake on map.

3. Size of watershed in square miles _____ Est. min. dry-weather flow at intake _____

4. Basis of min. dry-weather flow estimate _____

5. Existing Raw Water Pumps Proposed Raw Water Pumps

Type				4-Turbine		
Capacity				115 gpm		
Suction Hd.				15 ft.		
Discharge Hd.				40 ft.		

88

TREATMENT PLAN

1. Regulation of water to plant:
 - a. Strainer and intake devices discharge manifold turbine pumps at wells
 - b. Number and size intake lines One; 10"
 - c. Difference elevation water level at intake and water level in coagulation basin or reservoir 22'
 - d. Emergency intake _____ Bypass of raw water To filter or clearwell
 - e. Discharge lines to basin or reservoir 12"

2. Aeration: Type Wood Slat Trays Max. des. rate 1900 gpm Detention _____
 Orifices _____ Pans _____ Loss of Head _____

3. Mixing Chamber: Type Baffled flume at upflow unit inlet; agitator in upflow unit
 - a. Dimensions _____ Capacity _____ Detention _____
 Velocity (at maximum designed rate) _____
 Allowable head: Total _____ Per baffle _____
 Mechanical agitator: Size blade _____ Motor _____
 Peripheral Speed _____ Bypass _____ Drainage _____

4. Coagulating basins: Type Permutit Precipitator; horizontal, rectangular unit
 - a. Capacity 2 @ 450 gpm ea. Detention time maximum capacity plant 1.8 hr. +
 Velocity _____
 Capacity each compartment _____
 - b. Distribution flow: Inlet devices Influent flume and distribution troughs
 Outlet devices perforated troughs Overflow _____
 Elevations: maximum _____ minimum _____ average _____
 - c. Drainage through sludge lines d. Bypass Yes

5. Suspended solids contact units:

Process	Capacity	Upflow rate	Detention Period	Overflow rate
Softening <u>2@</u>	<u>450 gpm each</u>	<u>1.10 gpm/s.f.</u>	<u>1.8 hr +</u>	
Clarification				

Remarks: _____

89

Number of dosing devices: Type 217

Number machines 2 Feeding: Alum Lime

Copperas Activated carbon

Recarbonation Other 2 Chemical solution pumps

b. Solution tanks 2 mixing sumps, 2 - 30 gal. crocks, plus solution drums

c. Points of application Precipitator inlet flume, precipitator effluent

d. Size and kind of piping 2" plastic or rubber hose in pipe conduit

7. ION EXCHANGE UNITS

No. Units	Type Exchanger (organic cation, etc.)	Material	Regenerant	Cap. each unit (grains per cu. ft.)	Size each Unit (cu. ft.)

Remarks:

8. Filter Units:

a. Type, material, number units gravity, rapid sand, two

Areas, dimensions, capacity each unit and for total plant 225 s.f., each
14'-6" x 15'-6"; 450 pgm each unit.

b. Wash troughs, number and shape 2, U-shaped, each unit

Dimensions and distance above sand (top trough and top sand) 16" wide x 18" deep
2'-6" above sand Max. travel suspended particles 24"

c. Filtering material:

Gravel:

Material	Depth Layer Inches	Size in Inches	
		From	To
Washed gravel	14"	1 1/2	1/4

Sand:

Depth of bed 27 Ins. Mean effective size 0.5 to 0.6 n.n.

Uniformity coefficient 1.75

d. Filter bottom: Type Permatite "Substron" underdrain with Porablin outlets

Ratio total area of perforations to sand area 0.2 to 0.25%

Laterals; their size & spacing on manifold 3" @ 12" o.c.

Perforations; size & spacing: on laterals 12" o.c. on manifold 12" o.c.

Ratio total area perforations to total x-sec. area of laterals _____

Manifold size & x-section area 12" dia. pipe outlet

e. Washing facilities - Type and rate designed for Centrifugal pump @ 3375 gpm
and four rotary surface washers for each filter unit

Depth water on sand: maximum 4'-4" minimum 4'-0" average 4'-2"

Wash tank capacity _____ Number washings _____

Location; dimensions, overflow, drains wash gullet drain. 16" dia. pipe to
wash water disposal lagoon

Elevation above top wash trough _____ Head at manifold _____

f. Pipe gallery: Pipe connections _____

	Main	Branch
Influent	<u>10"</u>	_____
Effluent	<u>12"</u>	<u>6"</u>
Wash	<u>12"</u>	_____
Sewer	<u>16"</u>	_____
Rewash	<u>12"</u>	<u>6"</u>

Type valve control Hydraulic or Drainage Yes
Pneumatic

- g. Appurtenances:
- Loss of head gauges Yes
 - Rate controllers Yes
 - Rate of flow gauges Yes
 - Sample pumps No
 - Operating table Yes

Capacity 122,000 gal. Dimensions 70" x 37" x 10"
 Location suction and arrangement Separate suction, wash water and high lift pumps

i. Chlorination: Type gas-solution feed Capacity 400 lbs./day

Location Chlorinator Room Point application precipitator effluent and/or direct to clearwell

j. Measuring devices: Raw water: Type Venturi Insert Nozzle and meter

Capacity 115 to 2300 gpm Filtered water: Type Modified Venturi-type flow tab

Capacity 0 to 2000 gpm

k. Laboratory - Room and bench space 220 s.f.

Scope of tests provided for See Specifications

l. Bypass to plant Units may be by-passed within plant

Emergency intake None

m. Is plant designed for 24-hour operation or what portion Intermittent, as required

n. List types & capacities of emergency well & service pumping units Gasoline engine driven high lift pump; Engine - generator set

E - SERVICE PUMPING & DISTRIBUTION

1. Existing Service Pumps				Proposed Service Pumps		
Type				Capac.	Capac.	
Capacity				900 gpm	900 gpm	
Suction Hd.				2' to 10'	2' to 10'	
Discharge Hd.				160'	160'	

Remarks: _____

2. DISTRIBUTION SYSTEM

Single or dual system _____ Booster Pumps (give operating pressures and locations) _____

Interconnection with other system _____ cross connections _____

Min. size pipe _____ Residual pressure at peak load _____

Is fire control provided in design? _____

Describe dead-end conditions and necessity for flushing _____

List lengths of new pipe lines 6" and larger. _____

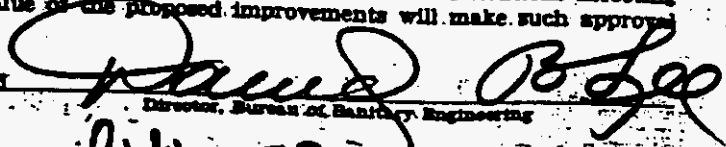
Construction on this project must be commenced within one year from the date of this application; otherwise plans and specifications must be re-submitted for approval by this department.

2. This approval is given with the understanding that upon the installation of such works, its operation shall be placed under the care of a competent person, whose qualifications are approved by the State Board of Health, and the operation shall be carried out according to best accepted practice and in accordance with the recommendations of the State Board of Health.

The official copies of plans and specifications accompanying this application have been sealed and stamped with the serial number of this application.

2506

Only such plans and specifications are included in this approval and any erasures, additions or alterations affecting the efficiency of operation or public health protective value of the proposed improvements will make such approval null and void.

Signed 
Director, Bureau of Sanitary Engineering
William T. Souder
State Health Officer

GREENLEES, MONTGOMERY & ASSOCIATES, INC.

Engineers
Professional Exchange Building
STUART, FLORIDA 33494

J. S. Greenlees _____ R. L. S.
C. B. Arbogast, Jr. _____ P. E.
C. Calvert Montgomery _____ P. E.
C. R. Greenlees, Jr. _____ P. E.

June 29, 1976

Department of Environmental
Regulation
806 South 6th. Street
Fort Pierce, Florida 33494

Attention: Al Mueller

Re: Indiantown Company
Water Plant Improvements

Gentlemen:

I hereby certify that the groundwater storage tank, gravity filter #2, precipitator #2, console and controls for the filter and face piping, and piping to and from the ground storage tank has been completed in essential compliance with the approved drawings.

The ground storage tank and the piping has been chlorinated in accordance with the Department of Environmental Regulations requirements of chlorine concentration, and subsequently, laboratory tests have been made by the State Lab. and the results are satisfactory.

The Indiantown Company requests that they receive approval to put the ground storage tank into service.

Sincerely,

GREENLEES, MONTGOMERY & ASSOCIATES, INC.

Calvert Montgomery
C. Calvert Montgomery

CCM/mt

cc: Jack Robinson

RECEIVED

JUL 1 - 1976

Dept. of Environmental Res.
Fort Pierce

Indiantown Company, Inc.
Notices & Orders

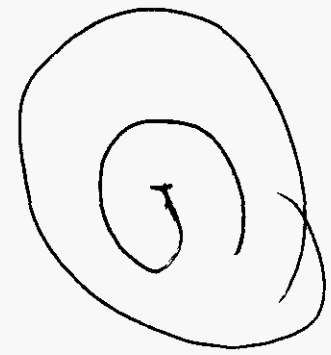
F

The Utility has not received any Violation Notices, Consent Orders, Letters of Notice, or Warning Notices in the previous five years.

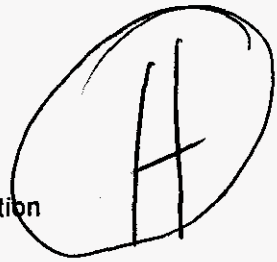
Indiantown Company, Inc.
 Schedule of Field Employees, Duties, Responsibilities, Certificates Held, and Allocation Methods

Employee	Annual Salary	Allocation		Allocation Percentag		Explanation	Certificate Held		Duties/Responsibilities
		Water	Sewer	Water	Sewer		Water	Sewer	
Jim Hewitt	\$ 58,917	\$ 29,459	\$ 29,458	50%	50%	Equal effort, No. of ERCs	B	B	Supervisor Water & Sewer, Lead Operator
Dean Smiley	44,158	22,079	22,079	50%	50%	Equal effort, No. of ERCs	A	A	Asst. Supervisor Water & Sewer, Operator
Robert Maine	17,555	8,778	8,777	50%	50%	Equal effort, No. of ERCs	D		Field Maintenance Man
Don Johnson	40,685	20,342	20,343	50%	50%	Equal effort, No. of ERCs	B	B	Field Maintenance Man & Operator
Edwone Davis	13,520		13,520		100%	All time in sewer			Plant & Field Laborer - Sewer Only
Ernest Watson	24,960	12,480	12,480	50%	50%	Equal effort, No. of ERCs	C	C	Field Maintenance Man & Operator
Robert Guerrero	17,888	8,944	8,944	50%	50%	Equal effort, No. of ERCs			Field Maintenance Man
Total	\$217,683	\$102,082	\$115,601						

96



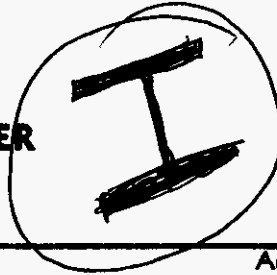
Indiantown Company, Inc.
List of Vehicles, Original Cost, Assignee and Method of Allocation



<u>Truck No.</u>	<u>Make</u>	<u>VIN</u>	<u>Cost</u>	<u>Employee Assigned</u>
11	1990 Chevy pick-up	1GCDC14Z1LE154568	\$ 1,962	Robert Maine
15	1993 Chevy pick-up	1GCDC14Z9PE163816	8,622	Ernest Watson
16	1997 Ford Ranger	1FTCR10A7VUB06205	12,734	Dean Smiley
17	1995 Ford pick-up	1FTEF15N6SNB10216	10,500	Jim Hewitt
18	1989 Ford pick-up	1FTHF26H2KNA22694	2,000	Various as needed
19	1990 Mitsubishi pick-up	JA7FL24W5LPO27456	2,500	Robert Guerrero
260	1990 Mitsubishi truck	JA7FL24W5LP027456	9,300	Don Johnson

Allocation percentage - 50% water, 50% sewer, on same basis as salaries.

Indiantown Company, Inc.
GENERAL WORK ORDER



No 7652

Date: 1/21/99

Customer Name: Forest Marchal Account Number: S-4071

Location: 16254 4wood way Meter Number: 1104453

Work Requested: L-4 BIK-L Office Use Only

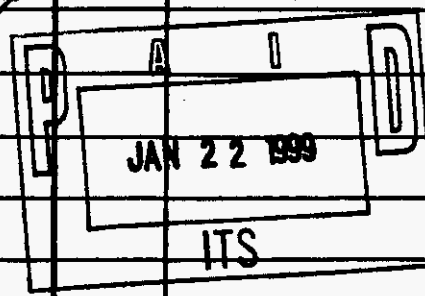
Check leak in meter
 Cust advised us that
 one of you guys noticed
 a leak and told Cust.
 Neighbor. Please check
 & Advise who's problem

W.C.
 Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	REMARKS		EMPLOYEES TIME AND MATERIALS USED		
	Hours	Amount	Material	Unit Cost	Extension
to make a w/order for a re- placement of a rubber seal on a coupling. meter is running very slow.	1/4				



R.A.B.
 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7644

Date:

Customer Name East Field Account Number 5-1100

Location 14681 SW 21st Dr. Meter Number

Work Requested: L-11 B

Office Use Only

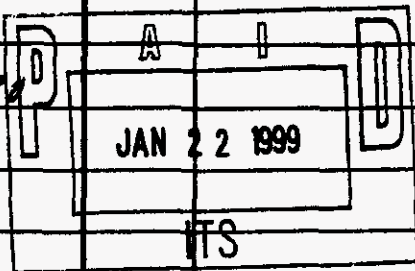
*Check meter for leaks
 when a high usage*

Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	Hours	Amount	Material	Unit Cost	Extension
<i>There's no leaks at this address. Looks like they laid new sod. m. reading 117217</i>					



K.A.S.
 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7650

Date: 1/20/99

Customer Name: Walter Dell

Account Number: S-1600

Location: 14512 Sw. Diwt Dr.

Meter Number: 2005743

Work Requested: L-10 BIK-F

Office Use Only

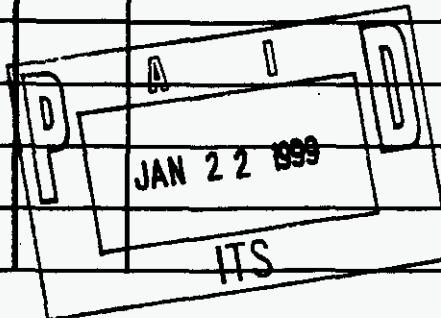
Check meter for leaks
has a very high usage

[Handwritten Signature]
Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	Hours	Amount	Material	Unit Cost	Extension
cust. has a leak on three sprinklers heads talk to cust he is going to get them repaired.	1/4				



R. B. S.
Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7649

Date: 1/21/99

Customer Name *Sin Sraun Dominican*

Account Number *S-1550*

Location *14453 SW Diway Dr.*

Meter Number *10164230*

Work Requested: *L-15 BIK-F*

Office Use Only

*Check meter for leaks
 this a very high usage*

JM Carr
 Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

Hours	Amount	Material	Unit Cost	Extension
-------	--------	----------	-----------	-----------

*There no leaks
 at this address &
 no one home.*

1/4
P A I D
 JAN 22 1999
 ITS

M. Reading 849980

E.A.R.
 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7643

Date: 1/20/99

Customer Name: James Crank

Account Number: S-490

Location: 16427 SW. Twowood Way

Meter Number: R101137

Work Requested: L-16 BIK-P

Office Use Only

Please check meter for leaks & Advise Customer.

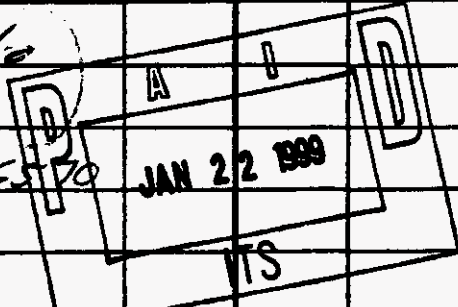
Sue
597-2045

H.S. A.P.

[Signature]
Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	Hours	Amount	Material	Unit Cost	Extension
Check the register. Nothing wrong. the meter					
the meter	1/2				
(Talk to cust. M. Leebia - 666-170)					
					

[Signature]
Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7620

Date: 1/5/99

Customer Name Florence Slezin Account Number 5-8920

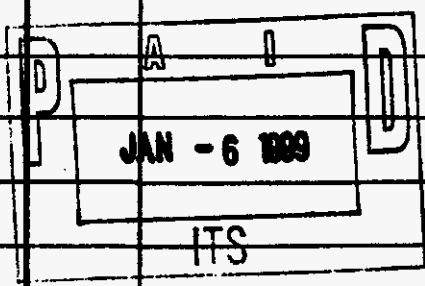
Location 16396 Sw. Indianwood Cir Meter Number 5337907

Work Requested:
 Check meter for leaks
 & Advise cust. if
 a high usage

Office Use Only

M. Keating
 Signature

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
NO Leaks at meter or house	1/4				
M. Keating 38554					



K. A. G.
 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

№ 7613

Date: 1-4 99

Customer Name: Lloyd R. Gastins

Account Number: 3 3399

Location: 18201 SW Farms Rd.

Meter Number: U-415161

Work Requested:
Check meter for leaks
double bill

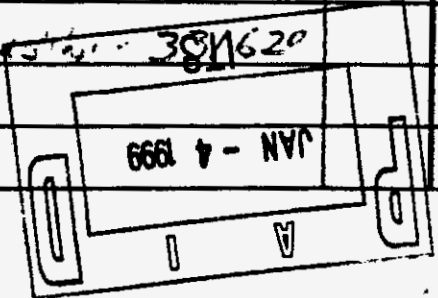
Office Use Only

[Signature]
 Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
<u>there's NO leaks</u>					
<u>At this Address.</u>					
	<u>1/4</u>				



[Signature]
 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7616

Date: 1/4/99

Customer Name Donald Herman

Account Number 1-2350

Location 15110 Sw. Trail Ct.

Meter Number K019437

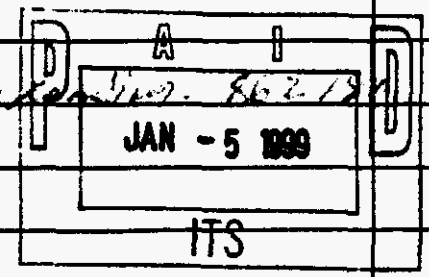
Work Requested: L-11

Office Use Only

Check meter cust
 says it was read
 wrong.

597-2586

M. C.
 Signature

REMARKS		EMPLOYEES TIME AND MATERIALS USED			
	Hours	Amount	Material	Unit Cost	Extension
Checked the reading.	1/4				
					

Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

№ 7621

Date: 1/5/99

Customer Name Gustave Anderson

Account Number 5-4300

Location 1646 S Sw. Threeword Way

Meter Number Q-0211057

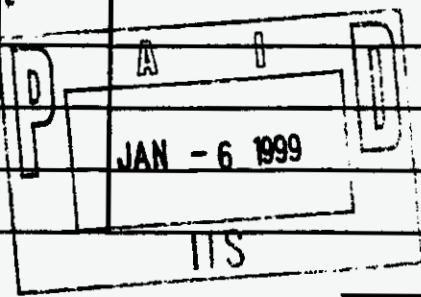
Work Requested: L-10 BIK-R

Office Use Only

Check meter for
 leaks has a high bill.
 Advise Customer

MA
 Signature

REMARKS		EMPLOYEES TIME AND MATERIALS USED			
	Hours	Amount	Material	Unit Cost	Extension
There is no leak at this address.	4				
sa. Reading - 1291650					
(TALK to cust)					



K.A.A.
 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7622

Date: 1/5/99

Customer Name: Robin Atkins

Account Number: 5-2791

Location: 16056 SW. Indianwood Cir

Meter Number: G-02-3499

Work Requested: L-31-BIK-G

Office Use Only

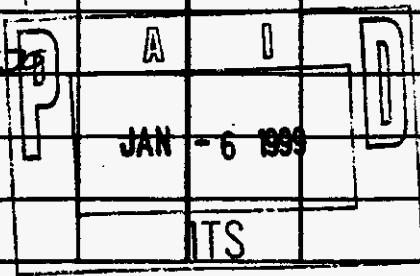
Check meter for leaks & high bill. Please advise customer.

M. Atkins
 Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

REMARKS	Hours	Amount	Material	Unit Cost	Extension
There's no leak at this address.	1/4				
M. Reading - 4660					



K.A.D.
 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7629

Date: 1/7/99

Customer Name: John B. Marshall

Account Number: 5-1350

Location: 144 1/2 Sw. Dixie Dr.

Meter Number: 1157895

Work Requested: L-36 BIK #

Office Use Only

Check meter for leaks
 Should be on vacation
 meter read 27 thousand
 gallons.

416-282-7873

M. C.
 Signature

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
There no leaks At this Address	1/4				
M. Reading - 1012650					
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> PAID JAN 15 1999 ITS </div>					

H.A.B.
 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7937

Date: 2 12 99

Customer Name *Liana Sears*

Account Number 1-1420

Location *15241 SW 2nd Avenue (Dr.)* Meter Number *E257621*

Work Requested: *L-3 B-5*

Office Use Only

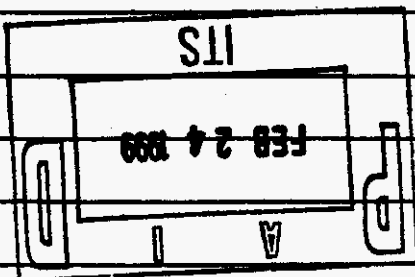
*Please check meter
 out side of the
 house. Customer
 thinks it may have
 a leak.*

[Signature]
 Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	Hours	Amount	Material	Unit Cost	Extension
<i>MP 138990</i>	<i>1/4</i>				
<i>NO - Leak</i>					



P J + R A
 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7933

Date: 2-4-99

Customer Name: Velma Covington Account Number: 1-1930

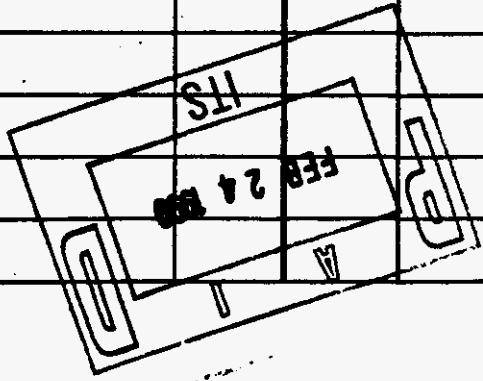
Location: 15142 SW Chickee St. Meter Number: N131378

Work Requested:
 Customer ~~requires~~ meter hole in
 Says
 So deep that it figures out how to
 shut-off so then shut-off spiked
 at house can be repair please
 OK w/ Velma Covington.

Office Use Only

[Signature]
 Signature

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
turned water OFF so it can be repaired.	1/4				



[Signature]
 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7934

Date: 2/8/99

Customer Name Eustorgio Porcayo

Account Number 92-0300

Location 15505 SW Warfield

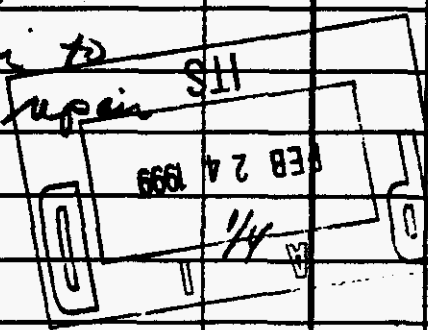
Meter Number L-027399

Work Requested: *Restart*
Customer called in bad leak

Office Use Only

Hayes
 Signature

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
Checked out Leak					
Leak on customer					
Side of Meter					
advised customer to					
Call plumber to repair					
Leak					
Don + Earl					



Don Johnson + Earl
 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

0544

Date: 2/24/99

Customer Name: WARFIELD ELEM. SCHOOL

Account Number

Location: 15261 S.W. 150 AVE.

Meter Number

Work Requested:

Office Use Only

CHECK LEAK IN
CLASS ROOM.

R.A.S.

Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

Hours

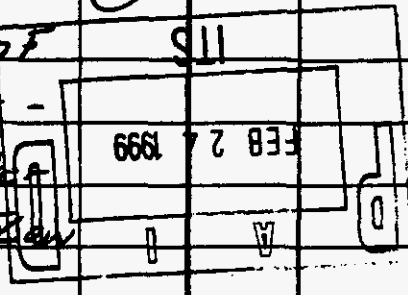
Amount

Material

Unit Cost

Extension

Checked ON
LEAK WATER WAS
LEAKING FROM THE
CEILING OF
ONE OF THE CLASS-
ROOMS. TURN WATER
OFF ON BACK-FLOW
PREVENTER.



R.A.S.

Employee's Signature

112

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7939

Date: 2-16-99

Customer Name: F. J. ...

Account Number: 74-0690

Location: 11397 ...

Meter Number: A 074001

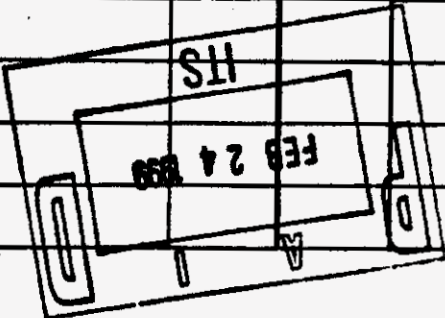
Work Requested: L-6 1/2 7 B-9

Office Use Only

Water Leak in
the Meter Please
Check it

[Signature]
Signature

REMARKS		EMPLOYEES TIME AND MATERIALS USED			
	Hours	Amount	Material	Unit Cost	Extension
There's no leak at this address	1/4				



[Signature]
Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7969

Date: 2/22/99

Customer Name: Vincent Cirena

Account Number: S-5210

Location: 16408 Sw. Twowood Way

Meter Number: R118869

Work Requested: L-5 B-0

Office Use Only

Very high usage Advise
cust of leaks.

M. C.
Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

Hours

Amount

Material

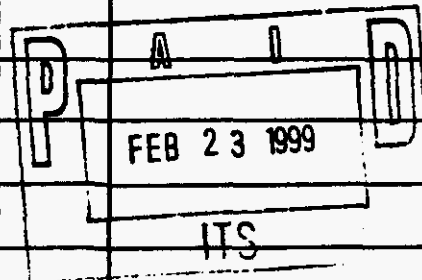
Unit Cost

Extension

There's no leak
at this address.

1/4

Mr. Reading - 686040



Advise cust.
by putting a tag
on his door.

K. A. S.

Employee's Signature

114

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7973

Date: 2/23/99

Customer Name Olivia Guerrero

Account Number 1-2850

Location 15004 SW Lee AV

Meter Number 1-2850

Work Requested:

Office Use Only

Cust Reports low pressure
 since P.M. Feb 22'99 and still
 this morning

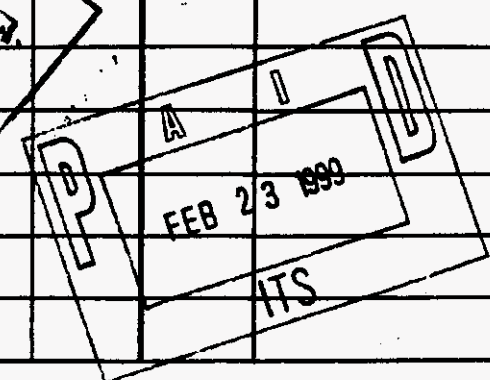
[Signature]

Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	Hours	Amount	Material	Unit Cost	Extension
Check the bib outside the turned it back on.					



[Signature]
 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7967

Date: 2/22/99

Customer Name Ronald Kennedy

Account Number S 4280

Location 16395 Sw. Thirdwood way

Meter Number R036785

Work Requested: L-11 BIK-2

Office Use Only

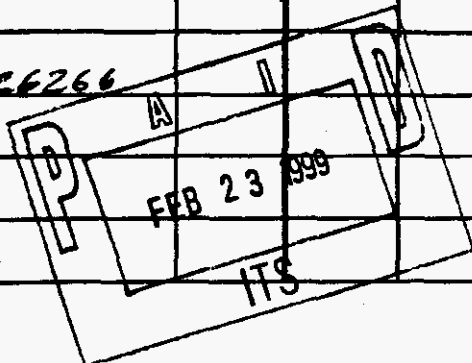
*Very high usage
 Please advise cust.*

M. C.
 Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	REMARKS		EMPLOYEES TIME AND MATERIALS USED		
	Hours	Amount	Material	Unit Cost	Extension
		<i>It's this the address that no one's giving there?</i>			
		<i>There's no leak at this address.</i>			
		<i>Mr. Leasing. 126266</i>			



R. A. H.
 Employee's Signature

**Indiantown Company, Inc.
GENERAL WORK ORDER**

№ 7958

Date: 2/22/99

Customer Name Alan Lambeth

Account Number 5-5040

Location 16578 SW. Twowood way

Meter Number 031630

Work Requested: L-8 - B-T

Office Use Only

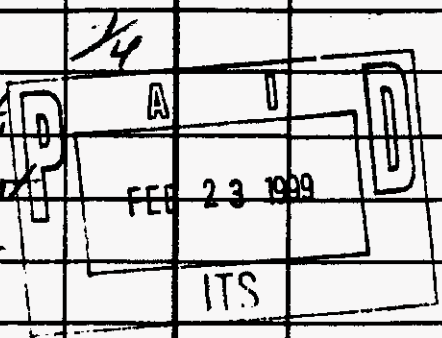
*Very high usage
Advise cust of leaks*

MA
Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	REMARKS		EMPLOYEES TIME AND MATERIALS USED		
	Hours	Amount	Material	Unit Cost	Extension
		<i>There's no leaks At this address.</i>			
		<i>Advise cust. AND they say that they know about.</i>			



K.A.G.
Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7964

Date: 2/17/99

Customer Name: Milton Johnson

Account Number: 5-1430

Location: 14361 SW Divot Dr.

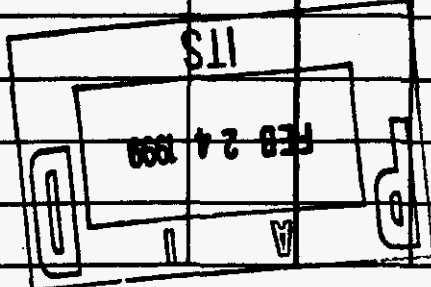
Meter Number: N1108601

Work Requested:
 Cust says low
 water pressure!

Office Use Only

Hayes
 Signature

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
nothing wrong with meter	1/2				
water pressure					
check with cust.					



E. 211
 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

NO 7880

Date: 3/29/99

Customer Name *Dalia Mendez*

Account Number *1-2770*

Location *14944 SW Lee Ave*

Meter Number *W164241*

Work Requested:

Office Use Only

*Brad called needs pipe checked
 at back of house sewer is
 backing up in house*

J. Hays
 Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	REMARKS		EMPLOYEES TIME AND MATERIALS USED			
	Hours	Amount	Material	Unit Cost	Extension	
<i>Line was backed up. Cleaned the main</i>	<i>1/2</i>					

P A I D
 MAR 29 1999
 ITS

K. A.S.
 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7919

Date: 3/8/79

597-5420

Customer Name Lashonda L Davila

Account Number 4-4980

Location 14971 SW. 171st Dr.

Meter Number D205651

Work Requested: L-10 B-1

Office Use Only

Check meter for leaks
has high usage. Please
advise customer someone will
be home.

M. A. [Signature]
Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	Hours	Amount	Material	Unit Cost	Extension
<u>Register is</u>					
<u>working fine</u>					
	<u>14</u>				
<u>Acct. Number 54920</u>					

P A I D
MAR - 9 1979
ITS

Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7918

Date: 3/8/99

Customer Name Joyce Fireman

Account Number 1-2730

Location 14985 SW. Lee Ave

Meter Number F 929764

Work Requested: L-12 B-11

Office Use Only

Check meter has a
 bad leak high usage
 Advise customer of
 Problem

M. C.
 Signature

REMARKS		EMPLOYEES TIME AND MATERIALS USED			
	Hours	Amount	Material	Unit Cost	Extension
<u>There is a</u>					
<u>leak in meter.</u>					
<u>Advise customer of</u>					
<u>problem.</u>					

P A I D
 MAR - 9 1999
 ITS

Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7921

Date: 3/9/99

5226

Customer Name Hanna Walsh

Account Number 5-1240

Location 1456 W. Divot Dr.

Meter Number N123756

Work Requested: L-25 B-A

Office Use Only

Check meter for
leaks how higher
usage

[Signature]
Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
there's no leaks in meter box or the house					
684500					
1257930					
<u>ITS</u>					
<u>ITS</u>					

684500
~~1257930~~
 MAR 12 1999
 ITS

P A I
 MAR 16 1999
 ITS

[Signature]
Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

№ 7923

Date: 3/12/99

0540
~~200-9205~~

Customer Name Church of God

Account Number 200

Location 153rd St.

Meter Number D-212013

Work Requested: L-23 E 24 B-17

Office Use Only

200-9205

Check meter for
 leaks Has a new high
 Bill Advise customer
 in frame. hanger on door

[Signature]
 Signature

REMARKS		EMPLOYEES TIME AND MATERIALS USED			
	Hours	Amount	Material	Unit Cost	Extension
There's no leak at this address.					
	1/4				
in reading 367954					

MAR 22 1999
 TS

[Signature]
 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7978

Date: 3-1-99

Customer Name: Walter Gaedke Account Number: 5-4070

Location: 11284 S.W. Fourwood Way Meter Number: M017054

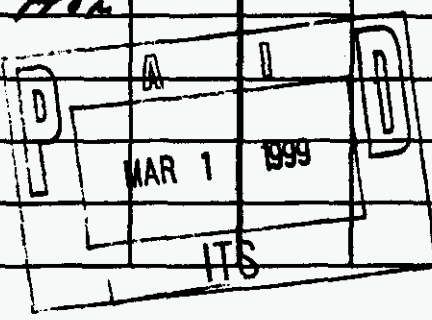
Work Requested: L-7 BL

Office Use Only

Complaining
- Sand in water box
Please Check

[Signature]
Signature

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
Check for sand in w/lines (none) coming from water heater					



[Signature]
Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

NO 7926

Date: 2/12/99

Customer Name: Forest A Marshall Account Number: 5-4070

Location: 16254 SW Howard Way Meter Number: M044453

Work Requested: L-B-L Office Use Only

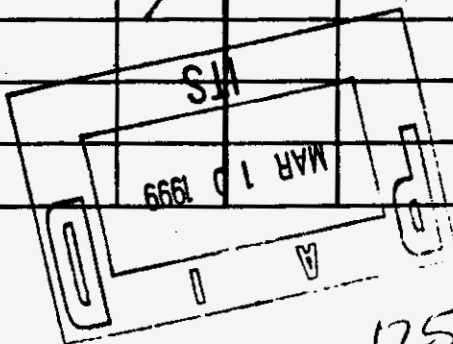
Check meter & fix
 New leak in there cost
 was advised it at the
 Water Co. Problem.
 Repair please
 J.S.H.T.

M. C. ...
 Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	Hours	Amount	Material	Unit Cost	Extension
MR-164010	1/4				
Slight leak					
MR-164010					
MR-164010	1				



DJ & RB

Employee's Signature

125

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7920

Date: 3-8-99

Customer Name John Leonard Jr.

Account Number 5-3152

Location 16097 and Indianwood Cir

Meter Number Q023494

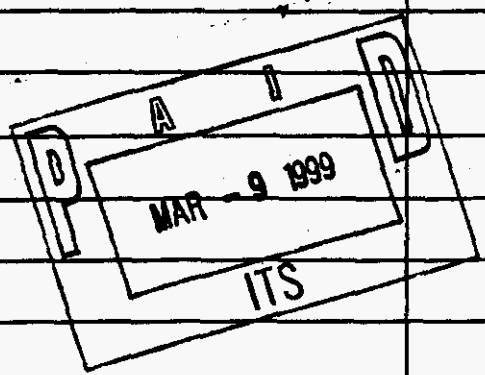
Work Requested: L-32 R.J.

Office Use Only

Please Check
 water meter
 water bill was
 too high this
 month.

[Signature]
 Signature

REMARKS		EMPLOYEES TIME AND MATERIALS USED			
	Hours	Amount	Material	Unit Cost	Extension
cust. has look after the meter.					



[Signature]
 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7917

Date: 3-5-99

Customer Name *Thomas Legere*

Account Number 5-1490

Location 14382 SW Divot Dr

Meter Number Q005689

Work Requested:

Office Use Only

*Please OK Meter. Customers
 Says reading is too high for just
 1 person.*

Hayes

Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

Hours

Amount

Material

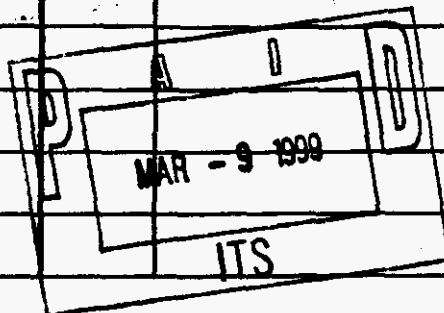
Unit Cost

Extension

*cust. has smart
 meter in house.*

1/2

*Left note on
 door.*



Employee's Signature

12:00

Indiantown Company, Inc. GENERAL WORK ORDER

No 7853

Date: 4/23/99

Customer Name Via Tropical # Account Number

Location at main office Meter Number

Work Requested:
Leak out there
go to main office someone
will show you where to
go let them know if it
is our problem or theirs

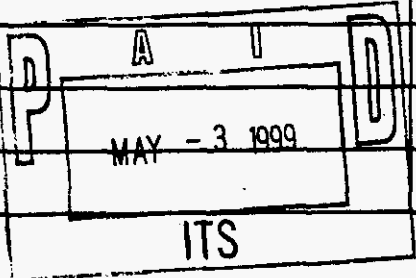
Office Use Only

M G
Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
<u>Leak out there</u>					
<u>go to main office</u>					
<u>someone will show you</u>					
<u>where to go let them</u>					
<u>know if it is our</u>					
<u>problem or theirs</u>					



Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7997

Date: 4/23/99

Customer Name

Account Number

Location

Meter Number

Work Requested:

Office Use Only

check water line, cut
cable water coming from yard

[Signature]
Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

Hours

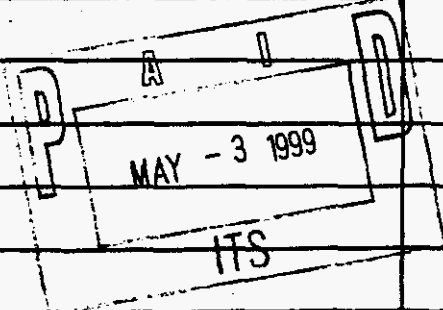
Amount

Material

Unit Cost

Extension

check w/leak
in yard, over 2" w/ ①
line broke



[Signature]
Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7860

Date: 4/28/99

Customer Name Edith McIntyre

Account Number 200-454

Location 14712 SW Magnolia St.

Meter Number J034991

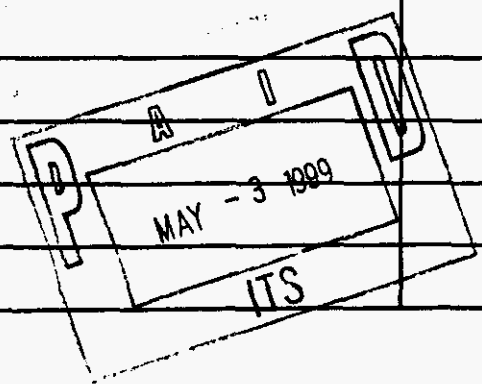
Work Requested:

Check meter customer
has no water

Office Use Only

Mac
 Signature

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
<u>MR-749800</u>	<u>1/4</u>				
<u>By turned on</u>					



DJ
 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7830

Date: 4/12/99

Customer Name William Sears Account Number 1-1420

Location 15246 Sw. Indianwood Dr Meter Number ES27621

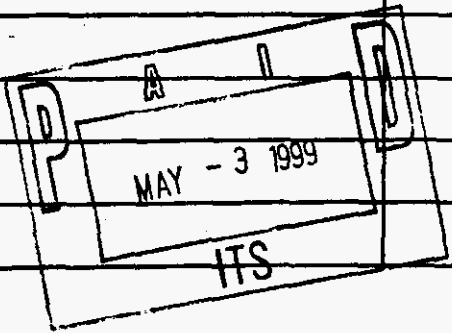
Work Requested: L-3 B-5

Office Use Only

Please Check Sewer
 line it is backed
 up.

Mc...
 Signature

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
LINE BELONGS TO CAST.					
"I"	1/4				
Talk to PE M					



...
 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

№ 7825

Date: 4/15/99

Customer Name: Raymundo Gutierrez Account Number: 200-2364

Location: 14952 SW Indian Ave Meter Number: E527927

Work Requested: L-1 B-42

Office Use Only

The sewer is backing up
sewer water all around yard please
check and advise if its
our problem

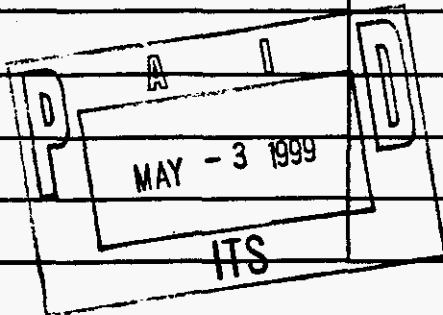
M. O.

Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	Hours	Amount	Material	Unit Cost	Extension
man hole running over	1/4				
call ROTO ROOTER					
clean line	1				



E. M.
Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

№ 7867

Date: 3/24/99

Customer Name: Jane Mcken Account Number: 5-4000

Location: 16304 SW Fourwood Way Meter Number: J 053501

Work Requested:

Office Use Only

Please CK Meter. Cust is reporting NO water pressure since Sunday 3/21/99. They from J-wood CK'd twice but found nothing.

[Signature]
Signature

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
<p>WATER PRESSURE WAS FINE when I got there.</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <p> P A D </p> <p>MAR 31 1999</p> <p>ITS</p> </div>					

[Signature]
Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

0540

Date: 4/6/99

Customer Name George Patnode

Account Number

Location 14637 S.W. Martin Ave.

Meter Number

Work Requested:

Office Use Only

Complaint no water at home
Please turn water
on per memo.

Someone shut off valve
in back of house

R.A.S.

Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

Hours

Amount

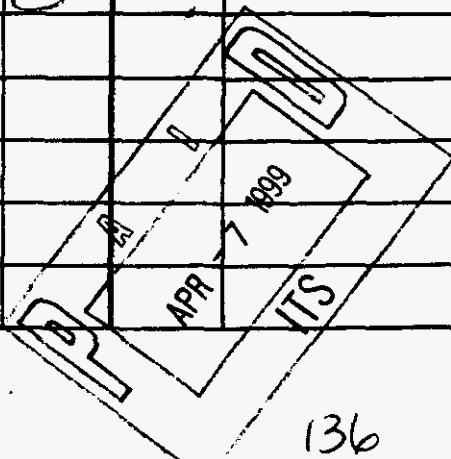
Material

Unit Cost

Extension

turn water
on at 9:35 P.M.

1



136

R.A.S.

Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 7883

Date: 4-1-99

Customer Name: Roy Gomez Sr.

Account Number: 1-3150

Location: 15259 SW Fox St

Meter Number: H074473

Work Requested: 128 B9

Office Use Only

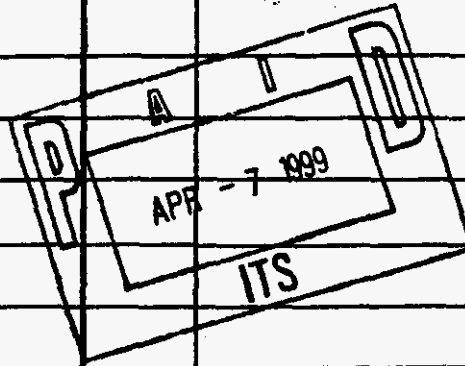
Please Check water
 Meter, Water bill
 is high

Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	REMARKS		EMPLOYEES TIME AND MATERIALS USED		
	Hours	Amount	Material	Unit Cost	Extension
M-11-3325620					
REPAIRING IN HOUSE	1/4				
LEFT note ON DOOR					
TALKED TO HIS SON					



E.M.

Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

№ 7882

Date: 4-1-99

Customer Name Clayton L Roth

Account Number 5-470

Location 16307 SW Two Wood Way

Meter Number L027213

Work Requested: L20 Bm

Office Use Only

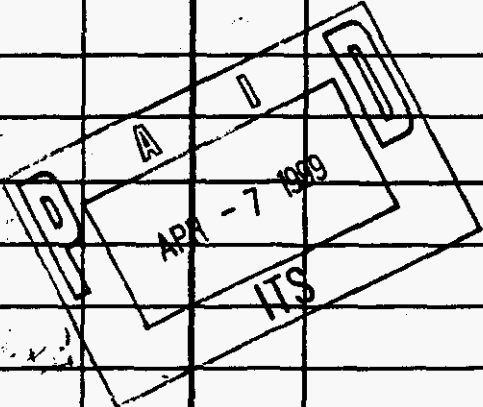
why is his water
 Bill so high he
 Never used 5 thousand
 Gallon Before

Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	REMARKS		EMPLOYEES TIME AND MATERIALS USED		
	Hours	Amount	Material	Unit Cost	Extension
		no Leaks @ meter			
		M.N. 265580			
		no Leak in House			
		TALKED TO cust.			
		asked ABOUT LEAK			
		Before meter He said			
		no.			
		asked He wants meter			



Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

0550

Date:

Customer Name MARTIN COUNTY Account Number _____

Location OLD FIRE DEP. Meter Number _____

Work Requested:
LINE BROKE BY CAR
CAST. SIDE
12:00 MID NIGHT

Office Use Only

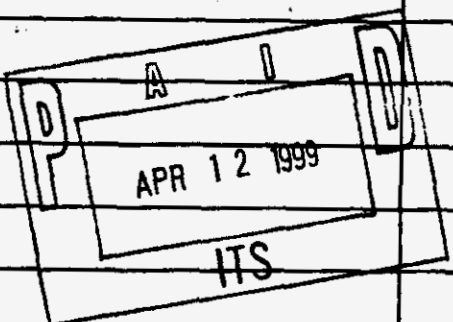
Signature _____

REMARKS

EMPLOYEES TIME AND MATERIALS USED

Hours	Amount	Material	Unit Cost	Extension
-------	--------	----------	-----------	-----------

T.S.P.



139

Employee's Signature _____

**Indiantown Company, Inc.
GENERAL WORK ORDER**

No 7843

Date: 4/21/99

200-1150

Customer Name ~~Water House~~ Gladora Sandwell

Account Number 1-1500

Location 15150 Indianmound cr.

Meter Number D2710293

Work Requested:

Office Use Only

Cust. Reports main Sewer
line is backing up. They
rented Power Snake Ran it
thru but they still have
problem Please Check sewer
line.

Hoya
Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
CALL Roto Rooter our sewer line was stopped / up					

R.P.S.
Employee's Signature

**Indiantown Company, Inc.
GENERAL WORK ORDER**

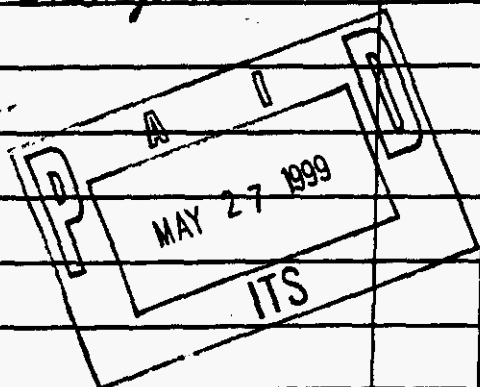
Date: 5/25/99 007980
200-9335
 Customer Name: B+B Properties Account Number 93-3331
 Location: 16545 SW Farms Rd Meter Number R 143617

Work Requested:
Reports no water

Office Use Only

Signature

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
Checked out Complaint water was off at their office due to Maintenance personell working on system	1.4				



141

Don Johnson
Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

007908

Date: 5/3/99

Customer Name: Rocco Lamberti Account Number: 5-3170

Location: 16093 SW Indianwood Cir. Meter Number: 2009939

Work Requested:

CK Meter Cust Says
No way went from 2,000 Gals
to 9 thousand Gals in 2 months

Office Use Only

H. H. H.
 Signature

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
<u>37860</u>					
<u>37860</u>					
<div style="border: 2px solid black; padding: 5px; display: inline-block;"> P A I D MAY 6 1999 TS </div>					

142

 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

007959

Date: 5/20/99

Customer Name: Frederick Steubert

Account Number: 5-3340

Location: 16263 SW Fourwood Way

Meter Number: K019440

Work Requested: L-40 B-K 0

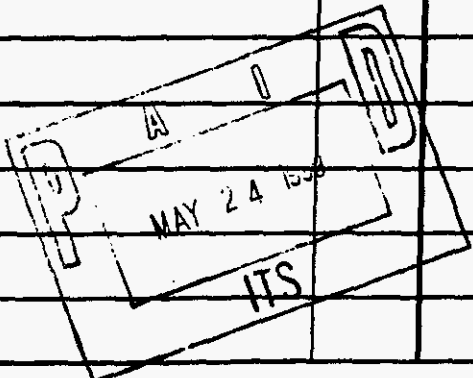
Office Use Only

Complaining

Check meter to see if he has a leak high usage

M. P.
Signature

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension



143

Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

Date: 5/27/99
 Customer Name: Indiantown Company, Inc. Account Number: 1000
 Location: 1000 Meter Number: 1000

Work Requested: Complaint
Water meter not working
meter is off
meter is off
meter is off
meter is off
meter is off
meter is off

Office Use Only

Signature _____

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
<u>no leak</u>					
<u>meter is off</u>	<u>1/1</u>				
<u>77-11-779430</u>					

D A I
 MAY 27 1999
 ITS

144 _____
 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 8022

Date: 5/23/99

Customer Name

Account Number

Location

Meter Number

Work Requested:

Office Use Only

Please turn water OFF leak in House

Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

Hours

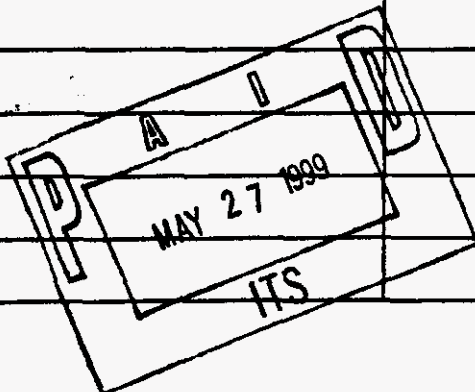
Amount

Material

Unit Cost

Extension

turned w/off at this address ① at 7:00 am



145

K. As
Employee's Signature

**Indiantown Company, Inc.
GENERAL WORK ORDER**

000000

Date: 5/27/99

Customer Name <i>James ...</i>	Account Number <i>5-16616</i>
Location <i>110-70 ...</i>	Meter Number <i>2136771</i>

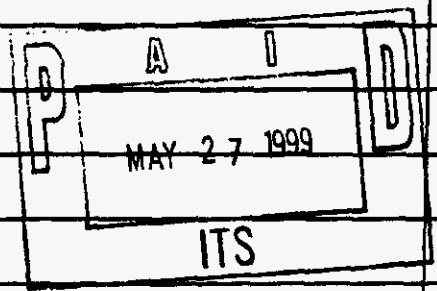
Work Requested: *L-30 A-B*

*Change metering device
has a high usage per customer*

Office Use Only

[Signature]
Signature

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
<i>716 Lake</i>					
<i>211-81700</i>					



146

[Signature]
Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

No 8013

Date: 5/5/99

Customer Name *Jacqueline King*

Account Number

Location *15443 SW 25th Ave*

Meter Number

Work Requested:

Office Use Only

*cust came by
to talk re his waterline
OFF*

Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

Hours

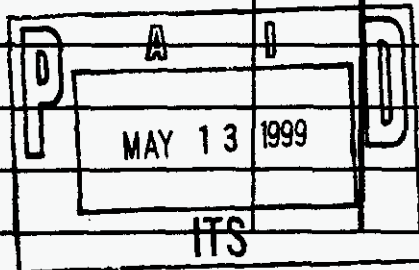
Amount

Material

Unit Cost

Extension

*went to cust.
house to turn w/ (D)
on 7:30 p.m.*



K. King
Employee's Signature

147

Indiantown Company, Inc.
GENERAL WORK ORDER

8:40

007930

Date: 5-7-99

Customer Name: John Schneider

Account Number 5-1270

Location: 14511 SW Divot Dr

Meter Number N164275

Work Requested: L28 BA

Office Use Only

Time: 4:35

Customer called 5-7-99
that sand is in his
meter. He said he had
no water. Please
check his meter

(597-2868)

[Signature]
Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	REMARKS		EMPLOYEES TIME AND MATERIALS USED		
	Hours	Amount	Material	Unit Cost	Extension

PAID
MAY 13 1999
ITS

149

Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

007900

Date: 5/3/99

Customer Name Gustave Anderson Account Number 5-4320

Location 16465 SW. Threewood Way Meter Number Q021627

Work Requested: 1-10 B-R Office Use Only

Please check meter has a very high usage 22 thousand Gallons. Please Advise Cust. on leave hanger at door

M. C.
Signature

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
1345.680	1.14				
Left Hanger on door to call on					

150

Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

3:10 PM

007909

Date: 5/3/99

Customer Name Luna Francisco Account Number 1-3310

Location 15098 SW. Fox St. Meter Number P027516

Work Requested: L-6 B-10 Office Use Only

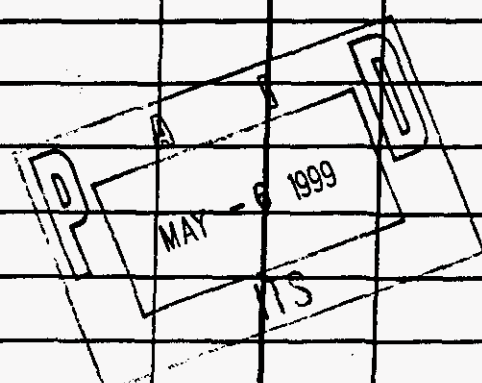
Check Meter has a very high usage please check and advise cust. if it is a correct reading

M. C.
Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	REMARKS		EMPLOYEES TIME AND MATERIALS USED		
	Hours	Amount	Material	Unit Cost	Extension



Indiantown Company, Inc.
GENERAL WORK ORDER

No 8012

Date: 5/5/99

Customer Name INDIANTOWN CO. Account Number

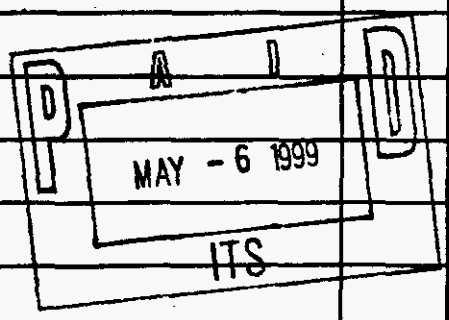
Location TELEPHONE CO. Meter Number

Work Requested:
LINE BROKE IN BACK
OF PHONE CO. SPRINKLER'S
CALLED IN BY SHERIFF DEP.
2:45 A.M.

Office Use Only

Signature

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
I was TOLD LINE BELONGS TO PHONE CO. THEY WILL FIX IT	1				



E.M.
 Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

Date: 5/3/99 007907
 Customer Name: Kenneth Ziegler Account Number 5-3180
 Location: 16089 SW Indianwood Cir. Meter Number Q 031717
 Work Requested: _____ Office Use Only

Please ck for leaks.
 Cust. says no way went
 from 5-10 thousand gal.
 when he don't water grass
 or nothing

Hayes
Signature

REMARKS		EMPLOYEES TIME AND MATERIALS USED			
	Hours	Amount	Material	Unit Cost	Extension
No Leaks					
168350	1.7				

P A I D
 MAY - 6 1999
 ITS

153

Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

007932

Date: 5-21-99

Customer Name Gladys M. Archibald Account Number 2-3110

Location 15905 SW OSCEOLA ST Meter Number S337726

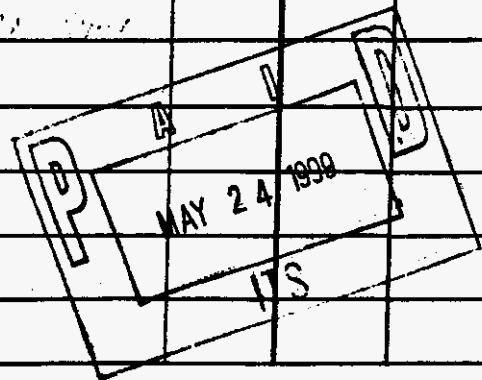
Work Requested: <u>Cust Reports low trickling pressure since 5/20/99.</u> <u>Lot 5</u> <u>Block 28</u>	Office Use Only
---	------------------------

Hayes
Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	Hours	Amount	Material	Unit Cost	Extension
<u>NO ONE HOME</u>					
<u>Gate locked</u>					
<u>Left message on</u>					
<u>DOOR</u>					



9:10 AM

Indiantown Company, Inc.
GENERAL WORK ORDER

007953

Date: 5-18-99

Customer Name David Wilson

Account Number 4-1430

Location 14796 SW 169th Dr

Meter Number U433207

Work Requested:

Office Use Only

Customer says Sewer backing-up.
Told them may need plumber. They
said their neighbors have problem too.
Lot 22
Block 17

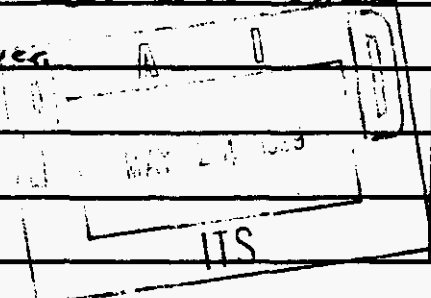
[Signature]

Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
checked out					
lines. Its o.k. &	1				
we check there clean					
out. It was there					
lines.					



155

[Signature]
Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

007955

Date: 5/19/99

Customer Name: TMC Account Number: _____

Location: 17250 Railroad Ave Meter Number: _____

Work Requested: _____

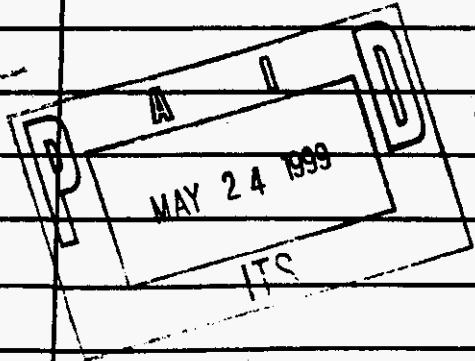
 Check meter for
 leak for Customer

 Check water Main

Office Use Only

Signature

REMARKS		EMPLOYEES TIME AND MATERIALS USED			
	Hours	Amount	Material	Unit Cost	Extension
Check on main					
and it still leaking					
talked to Jim, He					
said He'll take a look					
at it.					



156

Employee's Signature

**Indiantown Company, Inc.
GENERAL WORK ORDER**

№ 7998

Date: 6/23/99

Customer Name _____ Account Number _____

Location _____ Meter Number _____

Work Requested: _____ Office Use Only _____

*Sheriff office needs
A meter box lid replaced.*

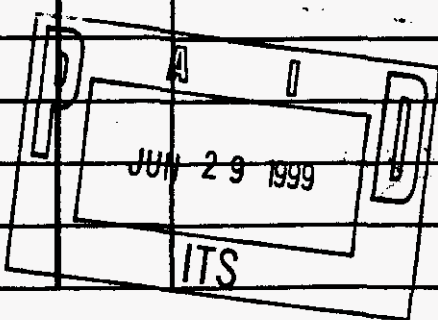
*cust. call needs
water turned back on.*

Signature _____

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
<i>Sheriff's office</i>					
<i>CALL me At 8:00 pm</i>					
<i>wanting A single meter</i>					
<i>box lid put on box</i>					
<i>For safety</i>					
<i>turned water</i>					
<i>back on For cust.</i>					
<i>in new home.</i>					



K.A.G.
Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

000025

Date: 6/23/99

Customer Name: John Nickerson Account Number: 5-5100

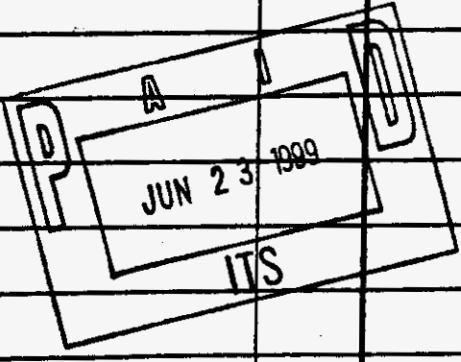
Location: 16518 SW Townsend Way Meter Number: R101138

Work Requested: Recheck meter has a high usage

Office Use Only

[Signature]
Signature

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
<u>Rechecked m-r 90140</u>	<u>1/4</u>				



159

[Signature]
Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

008003

Date: 6-3-99

Customer Name Gerard Legere Account Number 5-2841

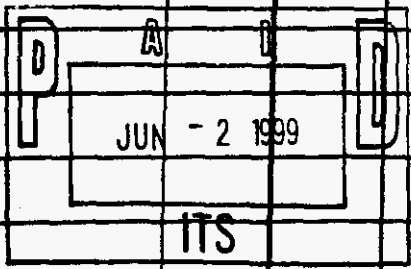
Location 16096 SW Indianwood Cir Meter Number Q03172

Work Requested:
 Cust Called says no one living
 there & Bill is too high for just
 sprinklers. Please re-check Meter.
 det 21
 Block G

Office Use Only

Huges
Signature

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
MTR 1211070	1/4				



160 Don Johnson
Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

008021

Date: 6/22/99

Customer Name: John Filmer

Account Number: 5-6830

Location: 16360 Sw. Indianwood Cir

Meter Number: 5337723

Work Requested: L-10 B-B

Office Use Only

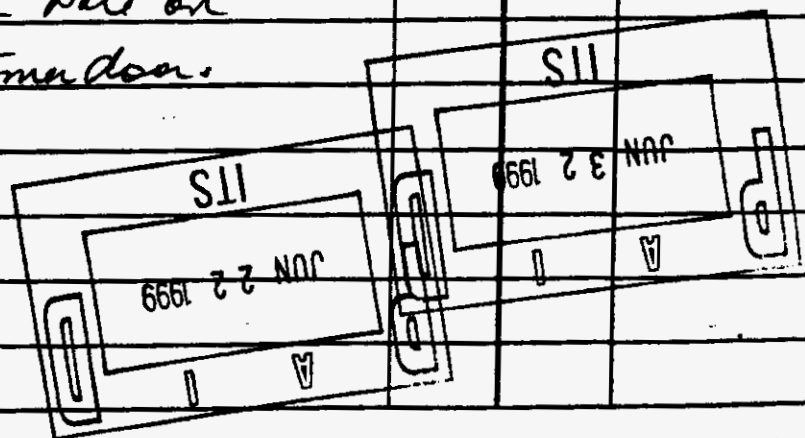
Check meter for leaks has a very high bill. Advise customer if there is a problem.

M. J.
Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	Hours	Amount	Material	Unit Cost	Extension
MR 408290 did not find anything wrong left a note on customer door.	1/4				



161

Den Johnson
Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

007983

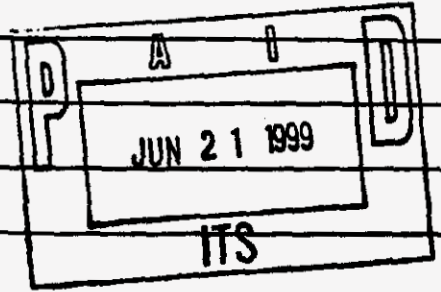
Date: 6/1/99

Customer Name	Manuel Perez	Account Number	1-4650
Location	15013 SW. American St.	Meter Number	R120927
Work Requested:	L-8 B-19	Office Use Only	

Check meter has a high bill
Doubled please recheck &
advise customer.

M. Perez
Signature

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
MR-1021230	1/4				
Read was wrong correct read listed above					



162

DJ & EM
Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

000003

Date: 6/2/99

Customer Name: Fire house Account Number: 90-3750

Location: Osceola St. Meter Number: J103305

Work Requested: PA, B-3
Check meter has a high
usage

Office Use Only

M. C. [Signature]
 Signature

REMARKS	EMPLOYEES TIME AND MATERIALS USED				
	Hours	Amount	Material	Unit Cost	Extension
<u>MP 3695140</u>	<u>1/4</u>				
<u>meter running at time</u>					
<u>meter was checked 4:45 PM</u>					
<u>6/2/99</u>					

PAID
 JUN 21 1999
 ITS

163

[Signature]

Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

007975

Date: 5/25/99

Customer Name James Deringer

Account Number 5-6610

Location 16272 SW Indianwood Cir

Meter Number 7036791

Work Requested: L-32 B-B

Office Use Only

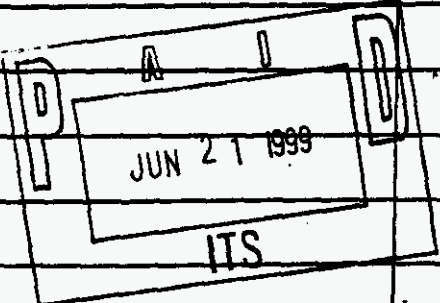
Check meter for leaks

M. C.
Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	REMARKS		EMPLOYEES TIME AND MATERIALS USED		
	Hours	Amount	Material	Unit Cost	Extension
7/11/99					
7/11/99					



164

P. L.
Employee's Signature

700-1272

Indiantown Company, Inc.
GENERAL WORK ORDER

007949

Date: 6-4-99

Customer Name Miguel Hernandez

Account Number 1-2260

Location 15134 SW Yalaha St

Meter Number N147506

Work Requested: L-19 B-6

Office Use Only

Please check meter for leaking

[Signature]
Signature

REMARKS

EMPLOYEES TIME AND MATERIALS USED

	Hours	Amount	Material	Unit Cost	Extension
MR 096530	1/4				
No-leaks in meter or Box					
Meter was not running at time I checked it					
2:25 pm 6/7/99					

JUN 21 1999
ITS
165

Don Johnson
Employee's Signature

Indiantown Company, Inc.
GENERAL WORK ORDER

008014

Date: 6-10-99

Customer Name Phyllis Rainey Account Number 4-0180

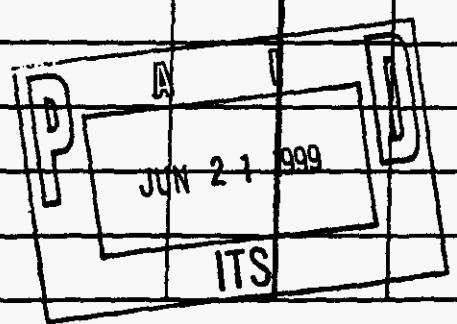
Location Second St. Meter Number N 164240

Work Requested: Brake pipe at meter
Lot 51
Block 11
Meter # ~~N16420~~
N164240
her neighbor is Edna Taylor
at 14916 169th Av.

Office Use Only

Ray
 Signature

REMARKS		EMPLOYEES TIME AND MATERIALS USED			
	Hours	Amount	Material	Unit Cost	Extension
<u>line broke</u>					
<u>in house left</u>	<u>1/4</u>				
<u>OFF estimate not</u>					
<u>fix yet.</u>					



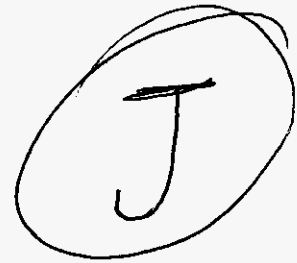
166

R. N. S.
 Employee's Signature

Indiantown Company, Inc.

Note: The Company could not locate customer complaints and work orders in storage for the first half of the test year. Complaints were similar in nature to those experienced in the second half of the test year.

Indiantown Company, Inc.
Public Interest



- A. The Utility is required, in its permit, to incur costs of upgrading its wastewater treatment and disposal facilities, as well as recurring operating expenses. These conditions are found within the permit contained in Section E. An estimate of the capital costs is attached.
- B. Portion of proposed rate increase related to cost of required improvements.

Engineer's estimated cost	\$435,900
Accumulated depreciation	(24,217)
Non-used & useful portion	<u>(152,323)</u>
Net investment	259,360
Requested rate of return	<u>8.22%</u>
Return on investment	21,319
Depreciation, net	15,257
Property taxes, net	<u>4,809</u>
	41,385
Regulatory Assessment Fees factor	<u>.955</u>
Total revenue increase for required improvements	<u>\$ 43,335</u>
Total revenue increase requested	<u>\$463,360</u>
Percentage of increase for required investments	<u>9.35%</u>

Indiantown Company, Inc.
Plant Improvements Required as Per DEP Permit
1999/2000

<u>Description</u>	<u>Amount</u>	
Pond Meter	\$ 8,000	
D.O. Meter	1,200	
Baffles/CL2 Contact Tank	22,000	
Plant Meters	25,000	
Toxicity Test	2,700	
Monitoring Wells	2,000	60,900
Lime Silo		110,000
Mixing Basin/Digester		
Sludge Surry Pump		
Blower		
Electric		250,000
Surge Tank Modifications		<u>15,000</u>
Total		<u>\$435,900</u>