ORIGINAL

Cronin, Jackson, Nixon & Wilson

CERTIFIED PUBLIC ACCOUNTANTS, P.A.

JAMES L. CARLSTEDT, C.P.A.
JOHN H. CRONIN, JR., C.P.A.
ROBERT H. JACKSON, C.P.A.
ROBERT C. NIXON, C.P.A.
JEANETTE SUNG, C.P.A.
HOLLY M. TOWNER, C.P.A.
REBECCA G. VOITLEIN, C.P.A.
JAMES L. WILSON, C.P.A.

2560 GULF-TO-BAY BOULEVARD
SUITE 200
CLEARWATER, FLORIDA 33765-4419
(727) 791-4020
FACSIMILE
(727) 797-3602
e-Mail
cpas@cjnw.net

February 23, 2005

VIA FEDERAL EXPRESS

Ms. Blanca Bayo, Director
Division of the Commission Clerk
and Administrative Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

RE: Indiantown Company, Inc.
Response to Staff's Third Data Request
Docket No. 040450-WS

Dear Ms. Bayo:

On behalf of our client, Indiantown Company, Inc., I have enclosed an original and five copies of the Company's response to the Staff's Third Data Request, for items not included in the response dated February 22, 2005.

Attachments 7, 8 and 9 are included with this Response. In addition, I have enclosed Attachments 20 and 21 which were not referred to in my letter of February 22, 2005. Attachment 20 is a summary of water gallons pumped, sold and wastewater gallons treated for the four months ended January 31, 2005. This information relates to Question 3 and was requested in the Company's teleconference with the Commission's Staff on February 10, 2005. Attachment 21 is a statement of the reason why the chlorine dosage rate increased between 1999 and 2003 and relates to Question 14. In 1999, the Company's normal dosage rate was approximately 100 pounds a day. The dosage rate during the test year averaged approximately 140 pounds per day.

CMP _____
COM _____
CTR _____
ECR _____
GCL _____
OPC _____
MMS _____
RCA _____
SCR _____
SEC 1 RCN:lac
OTH Enclosures

Finally, with regard to Question 2, the Company provided Attachment 2 showing the capital cost associated with conversion to chloromination treatment. At this time, the Company does not expect any material increases or decreases to the operating costs associated with the change in disinfection treatment.

Please contact me if you have any questions.

Very truly yours,

CRONIN, JACKSON, NIXON & WILSON

Robert C. Nixon

cc: D. Erwin, Esq. w/enclosures
J. Leslie, w/enclosures
M. Abramson, w/enclosures
J. Hewitt, w/enclosures

Attachment 7

STATE OF FLORIDA, DEPARTMENT OF ENVIRONMENTAL PROTECTION

Bureau of Finance & Accounting
P.O. Box 3070
Tallahassee, FL 32315-3070

INVOICE

Annual Wastewater Regulatory and Surveillance Fee
2005

INVOICE NO: 6176
DATE: 12/6/2004

Accounting Information
Object Code : 002205
Org code: 37 35 40 40 000
Expansion Option: M7
SAMAS Code: 372025260013735020000000020000
Facility Key # 13856

POST, ROBERT
INDIANTOWN COMPANY
PO BOX 277
INDIANTOWN, FL 34956

FACILITY ID	FACILITY NAME	INVOICE AMOUNT
FL0029939	INDIANTOWN COMPANY INC	$2,400.00

Invoice amount represents only current year fee assessment.

This fee is assessed pursuant to Rule 62-4.052, Florida Administrative Code, and is due January 15, 2005.
If you have questions concerning this invoice, call the Wastewater Compliance Evaluation Section at (850) 245-8567.

cc: DEP SED District Office

PLEASE DETACH THIS PORTION OF THE INVOICE AND RETURN WITH YOUR PAYMENT

INVOICE NO: 6176
DATE: 12/6/2004

MAKE PAYMENTS PAYABLE TO : **FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**
REMIT ADDRESS : **BUREAU OF FINANCE AND ACCOUNTING**
P.O. BOX 3070
TALLAHASSEE, FL 32315-3070

FACILITY ID	FACILITY NAME	INVOICE AMOUNT	REMIT AMOUNT
FL0029939	INDIANTOWN COMPANY INC	$2,400.00	$2,400.00

Accounting Information
Object Code: 002205
Org code: 37 35 40 40 000
Expansion Option: M7
SAMAS Code: 372025260013735020000000020000
Facility Key # 13856

Department of Environmental Protection

Jeb Bush
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Colleen M. Castille
Secretary

TO: NPDES Wastewater Permit Holders

FROM: Charles Ziegmont, Administrator
Wastewater Compliance Evaluation Section

DATE: December 6, 2004

SUBJECT: 2005 Wastewater Annual Fee

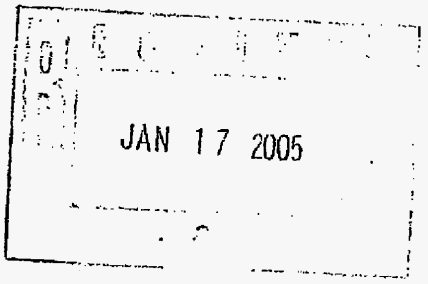
Enclosed is an invoice for the 2005 Annual Regulatory Program and Surveillance Fee (annual fee) for your wastewater facility(ies). The annual fee is assessed pursuant to Section 403.087(5), Florida Statutes, and Rule 62-4.052, Florida Administrative Code, and is associated with the State's administration of the National Pollutant Discharge Elimination System (NPDES). Payment of the 2005 annual fee is due to the Department by January 15, 2005. **Please return the enclosed invoice form with your payment** to the address noted on the invoice form.

For the 2004 annual fee, a number of qualifying municipalities submitted certifications of eligibility for reduction or waiver of permit processing fees pursuant to Section 218.075, Florida Statutes. Because the certifications are based on a calendar year, permit holders are advised that a new certification is required in order to qualify for the reduced fee in 2005. The certification required by the law should be submitted along with your reduced payment. **Please note this provision is only available to qualifying municipalities (city and county governments).** Eligibility requirements for this reduction or waiver of fee can be found in Section 218.075, Florida Statutes.

If you have questions about the annual fee invoice or the eligibility requirements for the fee waiver, please contact the DEP Wastewater Compliance Evaluation Section at (850)245-8567.

CZ/cjd

Enclosure



"More Protection, Less Process"

Printed on recycled paper.

Attachment 8

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;

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]*

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Department of Environmental Protection

Port St. Lucie Branch Office
1801 SE Hillmoor Drive, Suite C-204
Port St. Lucie, FL 34952
(772)398-2806 Fax #: (772)398-2815

Jeb Bush
Governor

David B. Struhs
Secretary

DEC 9 2003

NOTICE OF NONCOMPLIANCE

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

DW – Martin County
Indiantown Company WWTF
Facility #: FL0029939

RE: Sampling Reconnaissance Inspection (SRI) of the Indiantown Company Wastewater Treatment Facility (WWTF)

Dear Mr. Post:

The Department would like to thank you for the courtesy extended during the referenced inspection conducted on November 18, 2003.

The facility received a **satisfactory** rating in all of the facility compliance areas evaluated with the exception of Effluent Disposal. This evaluation area received an **unsatisfactory** rating as detailed in the attached inspection report.

The effluent and six groundwater monitoring wells were sampled by Department representatives to be analyzed for the specific parameters referenced in the permit.

Please be aware that this letter does not supercede other Department correspondence, notification of deficiencies in other areas, enforcement actions, etc.

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 the telephone number above.

Sincerely,

12/9/03

John P. Mitnik, P.E.
Environmental Administrator

DEC 10 2003

WJT

cc: Todd Brown, Environmental Manager, Water Facilities Compliance/Enforcement, DEP/WPB, Todd.Brown@dep.state.fl.us
Michael Tanski, Compliance Coordinator, DEP/TLH, michael.tanski@dep.state.fl.us
Don Johnson, Chief Operator, Indiantown Company

COMET ENTRY DATE
__/__/__

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

@ = Optional

Name and Physical Location of Facility	WAFR ID:	County	Entry Date/Time
INDIANTOWN COMPANY WWTF	FL0029939	MARTIN	11-18-2003 @ 0920
15851 S. W. FARMS ROAD		Phone	@ Exit Date/Time
INDIANTOWN			11-18-2003

Name(s) of Field Representatives(s)	Title	Phone
PLANT OPERATOR		

Name and Address of Permittee or Designated Representative	Title	Phone	@ Operator Certification #
MR. ROBERT POST			
INDIANTOWN COMPANY			
POST OFFICE BOX 397			
INDIANTOWN, FL 34956	PRESIDENT		

Inspection Type	S	R	I	Samples Taken(Y/N): Y	@ Sample ID#:	Samples Split (Y/N):
☒ Domestic ☐ Industrial				Were Photos Taken(Y/N): N	@ Log book Volume :	@ Page

FACILITY COMPLIANCE AREAS EVALUATED

S=Satisfactory; M=Minor; U=Unsatisfactory; Blank=Not Evaluated
Significant Non-Compliance Criteria Should be Reviewed when Unsatisfactory Ratings Are Given in Areas Marked by a. "♦ "

/	1.♦Permit	/	3. Laboratory	S	6. Facility Site Review	S	9. ♦Effluent Quality
/	2.♦Compliance Schedules	/	4. Sampling	/	7. Flow Measurement	U	10.♦Effluent Disposal
/		/	5.♦Records & Reports	S	8.♦Operation & Maintenance	/	11. Residuals/Sludge
/	13. Other:					/	12. Groundwater

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

Recommended Actions:

Name(s) and Signature(s) of Inspector(s)	District Office/Phone Number	Date
JEFF CHRISTIAN	SEDB/772-398-2806	11-18-2003
TERRY DAVIS		
@ 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	NPDES Number	YR/MO/DA	Insp Type	Inspector	Fac Type
N	FL0029939	031118	I	R	2 S	3 2

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

Revised: August 7, 2000

Indiantown Company WWTF
Inspection Note
November 18, 2003, @ 9:20 a.m.
Jeff Christian and Terry Davis

On November 18, 2003, a Sampling Reconnaissance Inspection was performed at the referenced facility.

The following items were noted:

- The facility was equipped with a functional bar screen.
- The aeration basins appeared to be receiving sufficient aeration. No abnormal odors were noted. The mixed liquor appeared light brown. The aeration basins were covered with a thick mat of foam.
- The facility was equipped with two functional blowers.
- The clarifier was equipped with a functional skimmer and the surface was clean.
- The effluent prior to filtration was tannic colored with some solids present.
- Gas chlorine is used for disinfection. The facility was equipped with an automatic chlorine switchover system. The plant was receiving chlorine per the rotometer. The chlorine concentration in the effluent was 1.8 mg/L.
- The digester was receiving aeration and the level was satisfactory.
- The sludge drying beds were in service at the time of the inspection.
- The on site and off site percolation pond levels were satisfactory.

The following deficiencies were noted:

1. The groundwater monitoring wells were not labeled with the proper designations.
2. Some of the sludge drying beds are in need of vegetative maintenance.
3. The 25 acre nursery disposal site is in critical need of vegetative maintenance.

Additional:

- The effluent and 6 groundwater monitoring wells were sampled by Department representatives to be analyzed for the specific parameters referenced in the permit. The analytical results are pending from the laboratory.

Rating: Satisfactory

9) Effluent

The following item was noted:

- The effluent appeared slightly tannic colored and a few solids were present.

Rating: Satisfactory

10) Disposal Method

The following items were noted:

- The water levels in all of the on site and off site percolation ponds were satisfactory. Both of the off site percolation ponds are being vegetatively maintained. Vegetative maintenance was in the process of being performed on the seven on site percolation ponds. Vegetative maintenance on three and a half of the seven ponds has been completed.

- The reuse site R003, consisting of a 25 acre nursery operation, will soon be in need of vegetative maintenance.

Rating: Satisfactory

11) Residuals Management

The following items were noted:

- The six on site drying beds were not being utilized.

- A permit revision was obtained to construct and operate an on site lime stabilization facility. This unit has been substantially completed, but is not yet in operation.

The following deficiency was noted:

1. A permit revision was not obtained for the centrifugation method of the processing of sludge. The Synagro residuals management company was present on site making cake.

Rating: Unsatisfactory

12) Groundwater

Not evaluated.

Attachment 9

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]*

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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]*

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   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;

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

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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]*

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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]*

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Part IV Rapid Infiltration Basins (R001 and R002)

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PAYMENT OFFICE
15925 SW Warfield Blvd.
P. O. Box 277
Indiantown, FL 34956
772-597-2111

PAYMENT OFFICE
15851 SW Farms Road
P. O. Box 307
Indiantown, FL 34956
772-597-2121
Fax 772-597-5067

INDIANTOWN COMPANY, INC.

"The Community Planned for Pleasant Living"

December 15, 2003

Department of Environmental Protection
Attn: Mr. John Mitnik, P.E.
1801 SE Hillmoor Drive, Suite C-204
Port St. Lucie, Florida 34952

COPY

Re: Notice of Non-Compliance

Dear John,

We like to take this opportunity to respond to the deficiencies noted in your letter of non-compliance dated December 9, 2003.

Item number one, the ground monitoring wells were not labeled with proper designations. Poles are being erected at each well and the proper well ID# installed on each pole.

Item number two, some of the sludge beds need vegetative maintenance. We notified our grounds maintenance contractor and this will be taken care of by the end of the month. He explained to us, since all the rain we had, they are backlogged with work, but promised to have it done and on a monthly basis.

Item number three, the same goes for this as in number two. The maintenance contractor has been notified and they are working on it at this time. This should be completed by the end of the month.

Since taking over this position in July of 2003, I have strived to make improvements at the wastewater plant and to keep it in compliance with DEP rules.

Sincerely,

Don Johnson
Chief Operator
Assistant Superintendent w/ww

cc: Robert M. Post/ President
Jim Hewitt/ Superintendent

CELEBRATING 50 YEARS OF SERVICE

Weed Control

Department of Environmental Protection

Port St. Lucie Branch Office
1801 SE Hillmoor Drive, Suite C-204
Port St. Lucie, FL 34952
(772)398-2806 Fax #: (772)398-2815

Jeb Bush
Governor

David B. Struhs
Secretary

DEC 9 2003

NOTICE OF NONCOMPLIANCE

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

DW – Martin County
Indiantown Company WWTF
Facility #: FL0029939

RE: Sampling Reconnaissance Inspection (SRI) of the Indiantown Company Wastewater Treatment Facility (WWTF)

Dear Mr. Post:

The Department would like to thank you for the courtesy extended during the referenced inspection conducted on November 18, 2003.

The facility received a **satisfactory** rating in all of the facility compliance areas evaluated with the exception of Effluent Disposal. This evaluation area received an **unsatisfactory** rating as detailed in the attached inspection report.

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Please be aware that this letter does not supercede other Department correspondence, notification of deficiencies in other areas, enforcement actions, etc.

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 the telephone number above.

Sincerely,

12/9/03

John P. Mitnik, P.E.
Environmental Administrator

DEC 10 2003

WJT

cc: Todd Brown, Environmental Manager, Water Facilities Compliance/Enforcement, DEP/WPB, Todd.Brown@dep.state.fl.us
Michael Tanski, Compliance Coordinator, DEP/TLH, michael.tanski@dep.state.fl.us
Don Johnson, Chief Operator, Indiantown Company

COMET ENTRY DATE
__/__/__

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

@ = Optional

Name and Physical Location of Facility	WAFR ID:	County	Entry Date/Time
INDIANTOWN COMPANY WWTF	FL0029939	MARTIN	11-18-2003 @ 0920
15851 .S. W. FARMS ROAD		Phone	@ Exit Date/Time
INDIANTOWN			11-18-2003

Name(s) of Field Representatives(s)	Title	Phone
PLANT OPERATOR		

Name and Address of Permittee or Designated Representative	Title	Phone	@ Operator Certification #
MR. ROBERT POST			
INDIANTOWN COMPANY			
POST OFFICE BOX 397			
INDIANTOWN, FL 34956	PRESIDENT		

Inspection Type	S	R	I	Samples Taken(Y/N): Y	@ Sample ID#:	Samples Split (Y/N):
☒ Domestic ☐ Industrial				Were Photos Taken(Y/N): N	@ Log book Volume :	@ Page

FACILITY COMPLIANCE AREAS EVALUATED

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

Significant Non-Compliance Criteria Should be Reviewed when Unsatisfactory Ratings Are Given in Areas Marked by a "♦"

/	1.♦Permit	/	3. Laboratory	S	6. Facility Site Review	S	9. ♦Effluent Quality
/	2.♦Compliance Schedules	/	4. Sampling	/	7. Flow Measurement	U	10.♦Effluent Disposal
/		/	5.♦Records & Reports	S	8.♦Operation & Maintenance	/	11. Residuals/Sludge
/	13. Other:					/	12. Groundwater

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

Recommended Actions:

Name(s) and Signature(s) of Inspector(s)	District Office/Phone Number	Date
JEFF CHRISTIAN	SEDB/772-398-2806	11-18-2003
TERRY DAVIS		
@ 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	NPDES Number	YR/MO/DA	Insp Type	Inspector	Fac Type
N 5	F L 0 0 2 9 9 3 9	0 3 1 1 1 8	1 R	2 S	3 2

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

Revised: August 7, 2000

Indiantown Company WWTF
Inspection Note
November 18, 2003, @ 9:20 a.m.
Jeff Christian and Terry Davis

On November 18, 2003, a Sampling Reconnaissance Inspection was performed at the referenced facility.

The following items were noted:

- The facility was equipped with a functional bar screen.
- The aeration basins appeared to be receiving sufficient aeration. No abnormal odors were noted. The mixed liquor appeared light brown. The aeration basins were covered with a thick mat of foam.
- The facility was equipped with two functional blowers.
- The clarifier was equipped with a functional skimmer and the surface was clean.
- The effluent prior to filtration was tannic colored with some solids present.
- Gas chlorine is used for disinfection. The facility was equipped with an automatic chlorine switchover system. The plant was receiving chlorine per the rotometer. The chlorine concentration in the effluent was 1.8 mg/L.
- The digester was receiving aeration and the level was satisfactory.
- The sludge drying beds were in service at the time of the inspection.
- The on site and off site percolation pond levels were satisfactory.

The following deficiencies were noted:

1. The groundwater monitoring wells were not labeled with the proper designations.
2. Some of the sludge drying beds are in need of vegetative maintenance.
3. The 25 acre nursery disposal site is in critical need of vegetative maintenance.

Additional:

- The effluent and 6 groundwater monitoring wells were sampled by Department representatives to be analyzed for the specific parameters referenced in the permit. The analytical results are pending from the laboratory.

Rating: Satisfactory

9) Effluent

The following item was noted:

- The effluent appeared slightly tannic colored and a few solids were present.

Rating: Satisfactory

10) Disposal Method

The following items were noted:

- The water levels in all of the on site and off site percolation ponds were satisfactory. Both of the off site percolation ponds are being vegetatively maintained. Vegetative maintenance was in the process of being performed on the seven on site percolation ponds. Vegetative maintenance on three and a half of the seven ponds has been completed.

- The reuse site R003, consisting of a 25 acre nursery operation, will soon be in need of vegetative maintenance.

Rating: Satisfactory

11) Residuals Management

The following items were noted:

- The six on site drying beds were not being utilized.

- A permit revision was obtained to construct and operate an on site lime stabilization facility. This unit has been substantially completed, but is not yet in operation.

The following deficiency was noted:

1. A permit revision was not obtained for the centrifugation method of the processing of sludge. The Synagro residuals management company was present on site making cake.

Rating: Unsatisfactory

12) Groundwater

Not evaluated.

62-610.412 Monitoring of Reclaimed Water and Ground Water.

(1) Waste treatment limitations shall be met after disinfection and before discharge to system storage ponds or to reuse systems.

(2) Ground water monitoring.

(a) A ground water monitoring program shall be established by the permittee and approved by the Department, pursuant to Chapter 62-601, F.A.C., and Rule 62-522.600, F.A.C. (unless otherwise exempted).

(b) The manual referenced in Rule 62-610.300(1)(d), F.A.C., contains general technical guidance regarding the design and construction of monitoring wells and ground water sampling procedures. Ground water test wells resulting from hydrogeologic exploratory programs, background water quality determinations or other requirements shall be approved by the Department for use as part of the compliance monitoring well system if the permittee provides reasonable assurances in the engineering report and ground water monitoring plan that the well meets the requirements of Rule 62-522.600, F.A.C., and that the well construction is such that migration of fluids from the surface to subsurface formations or between subsurface formations will not occur.

(c) Ground water sampling parameters for monitoring background and receiving water quality will be established by the Department based upon the quality of reclaimed water to be discharged, site specific soil and hydrogeologic characteristics, and other considerations, in accordance with Chapter 62-601, F.A.C., and Rule 62-522.600, F.A.C. Water levels shall be recorded before evacuating wells for sample collection. Elevation references shall include the top of the well casing and land surface at each well site (NGVD allowable) at a precision of plus or minus 0.1 foot.

Specific Authority 403.051, 403.061, 403.087 FS. Law Implemented 403.021, 403.051, 403.061, 403.062, 403.085, 403.086, 403.087, 403.088 FS. History–New 4-4-89, Formerly 17-610.412, Amended 1-9-96.

62-610.414 Storage Requirements.

(1) System storage ponds as described herein shall not be required where it is documented in the engineering report that an alternative system (e.g., permitted surface water discharge, deep wells) is incorporated into the system design to ensure continuous facility operation in accordance with the requirements of Chapter 62-600, F.A.C. If system storage is not required, provision of flow equalization or storage shall be evaluated in the engineering report to ensure that reclaimed water flows will match the demand pattern during a diurnal cycle.

(2) Unless exempted by Rule 62-610.414(1), F.A.C., system storage ponds shall have capacities determined as follows.

(a) System storage ponds shall have sufficient storage capacity to assure the retention of the reclaimed water under adverse weather conditions, harvesting conditions, maintenance of irrigation equipment, or other conditions which preclude land application.

(b) Storage capacity or a limited wet weather discharge system shall be provided for wet weather conditions which preclude land application and shall be described in the engineering report and subject to Department approval. The system storage period shall be established by determining the volume of storage that would be required for a ten-year recurrence interval, using weather data that is available from, or is representative of, the area involved.

(c) At a minimum, system storage capacity shall be the volume equal to three times that portion of the average daily flow of the reuse capacity for which no alternative reuse or disposal system is permitted.

(d) Analytical means (water balance calculations or computer hydrological programs such as the Department's LANDAP program) of determining system storage requirements shall be used and shall account for all water inputs into the system. Analysis shall be based on site specific data.

(e) The methods and assumptions used for determining the system storage requirements shall be described and justified in the engineering report.

(f) A minimum of 20 years of climatic data shall be used in storage volume determinations.

(g) Irrigation efficiencies or rainfall efficiencies shall not be used in storage volume determinations.

(3) System storage ponds and tanks shall be designed for continuous flow-through or off-line storage of the reclaimed water from the treatment plant. For continuous flow-through, the pond or tank shall be designed such that reclaimed water can be retained for the required storage period. For off-line ponds or tanks, the reclaimed water transmission system shall be designed such that all produced reclaimed water can be diverted to the pond or tank and retained for the required storage period under conditions which preclude land application.

(4) System storage ponds shall be lined or sealed to prevent measurable seepage. The permeability, durability, strength, thickness, and integrity of the liner material shall be satisfactorily demonstrated for anticipated pressure gradient, climatic, installation and daily operation conditions. A quality assurance/quality control plan which substantiates the adequacy of the liner and its installation shall be incorporated into, or shall accompany the engineering report. Synthetic liners shall be installed in accordance with the manufacturer's specifications and recommendations. Documentation of quality assurance and quality control activities on liner installation along with permeability or seepage test results shall be submitted with the notification that the facility will be placed in operation.

(5) System storage ponds may be unlined if designed to provide both storage and percolation functions. When designed for percolation such ponds are subject to the provisions of Part IV of this rule. System storage ponds may be unlined if high-level disinfection is provided.

(6) Provisions for monitoring ground water quality adjacent to unlined system storage ponds shall be incorporated into the ground water monitoring plan.

(7) System storage holding ponds shall provide a minimum three feet of freeboard. Holding ponds shall be provided with an emergency discharge or overflow device to prevent water levels from rising closer than one foot to the top of the embankment or berm. The overflow device shall have sufficient capacity to discharge excess flows. Disposition of the overflow discharge shall be identified in the engineering report.

X (8) Provisions for the control of algae shall be included in the design, operation, and maintenance and shall be described in the engineering report. Pond design shall also address the control of mosquito breeding habitat. Minimum pond depths (excluding freeboard but including the design operating range) of six feet, with inside bank side slopes steeper than 3:1 (horizontal to vertical), but no steeper than 1:1, are required to discourage growth of rooted aquatic weeds. Maintenance of a minimum pond water depth of 18 inches is required. Routine aquatic weed control and regular maintenance of pond embankments and access areas are required. The use of other depth criteria for mosquito control shall be justified in the engineering report.

(9) Ponds shall be sited to avoid areas of uneven subsidence, sinkholes, pockets of organic matter or other unstable soils unless provisions are made for their correction. Ponds used to impound reclaimed water above natural grade shall be designed to prevent failure of the embankment due to hydrostatic forces, seepage or soil piping, wind and wave action, erosion, and other anticipated conditions. Results from field and laboratory tests from an adequate number of test borings and soil samples shall be the basis for computations pertaining to seepage and stability analyses.

Specific Authority 403.051, 403.061, 403.087 FS. Law Implemented 403.021, 403.051, 403.061, 403.062, 403.085, 403.086, 403.087, 403.088 FS. History–New 4-4-89, Amended 4-2-90, Formerly 17-610.414, Amended 1-9-96.

62-610.417 Surface Runoff Control and Subsurface Drainage.

(1) The land application site shall be designed to prevent the entrance of surface runoff. If necessary, berms shall be placed around the application area for this purpose. Provisions for on-site surface runoff control shall be described in the engineering report and subject to Department approval.

(2) The requirements of Rule 62-610.850(1), F.A.C., shall apply to discharges to surface waters from perimeter drainage features that collect reclaimed water after land application.

(3) If a subsurface drain system is necessary to prevent the water table from rising into the plant root zone, the system shall be designed in accordance with appropriate portions of Rule 62-610.300(1)(f), F.A.C., concerning Natural Resources Conservation Service criteria for subsurface drains. The drainage system shall be designed so that the water table is drawn down generally to provide for 36 inches of unsaturated soil thickness during the time when irrigation is not practiced; unsaturated thicknesses less than this value shall be approved only when justified in the engineering report on the basis of renovating and agronomic aspects of the soil-plant system. The requirements of Rule 62-610.850(1), F.A.C., shall apply to discharges to surface waters from the drainage system.

Specific Authority 403.051, 403.061, 403.087 FS. Law Implemented 403.021, 403.051, 403.061, 403.062, 403.085, 403.086, 403.087, 403.088 FS. History–New 4-4-89, Amended 4-2-90, Formerly 17-610.417, Amended 1-9-96.

62-610.418 Access Control and Advisory Signs.

(1) For all systems, appropriate advisory signs shall be posted around the site boundaries to designate the nature of the project area. Fencing around the site boundary is not required. Storage ponds shall be enclosed with a fence or otherwise designed with appropriate features to discourage the entry of animals and unauthorized persons.

(2) The permittee may allow public access to the land application site if a subsurface application system is used. Subsurface application systems may be used to irrigate residential properties, if the requirements of Part II of Chapter 62-610, F.A.C., are met.

Specific Authority 403.051, 403.061, 403.087 FS. Law Implemented 403.021, 403.051, 403.061, 403.062, 403.085, 403.086, 403.087, 403.088 FS. History–New 4-4-89, Amended 4-2-90, Formerly 17-610.418, Amended 1-9-96.

62-610.419 Application/Distribution Systems and Cross-Connection Control.

(1) New reclaimed water application/distribution systems (and replacements of existing systems) shall be designed such that:

(a) Drawdown of holding ponds shall be accomplished as soon as is appropriate. For this purpose, a minimum hydraulic capacity of 1.5 times the maximum daily flow (at which adequate treatment can be provided) of the treatment plant is required; the actual hydraulic criterion selected shall be justified in the engineering report on the basis of holding pond storage capacity, assimilative capacity of the soil-plant system, and similar considerations;

(b) The system design facilitates maintenance and harvesting of the irrigated areas and precludes damage from the use of maintenance equipment or harvesting machinery;

(c) The system is designed to prevent clogging with algae;

(d) Exposed pipes are labeled;

(e) Spray equipment is designed and located to minimize aerosol carry-over from the application area (e.g., low pressure sprays) to areas beyond the setback distances described in Rule 62-610.421(2), F.A.C.; and

(f) There are no above ground hose bibbs (spigots or other hand-operated connections).

Knight's Construction, Inc.

PO Box 1968
Indiantown, FL 34956

Invoice

Date	Invoice #
4/30/03	184

Bill To
INDIANTOWN COMPANY P.O. BOX 397 INDIANTOWN, FL. 34956

P.O. No.	Terms	Project
	Due on receipt	

Item	Quantity	Description	Rate	Amount
SERVICE/TOTAL	3	Annual Cleaning Perk Ponds WWP 1,4,5	2,000.00	6,000.00
SERVICE/TOTAL	2	Annual Cleaning Perk Ponds WWP 2,3	3,000.00	6,000.00

V# 02290

a/c 2-735.06

PAID
MAY 16 2003
#12,000. WD
CHECK NO. 8412

Total $12,000.00

Phone #	Fax #
772-597-5377	772-597-5327

OK to PAY

Knight's Construction, Inc.
PO Box 1968
Indiantown, FL 34956

Invoice

Date	Invoice #
3/4/03	144

Bill To

INDIANTOWN COMPANY
P.O. BOX 397
INDIANTOWN, FL. 34956

P.O. No.	Terms	Project
	Due on receipt	

Item	Quantity	Description	Rate	Amount
SERVICE/TOTAL	2	Cleaning of off-site ponds 6 & 7	2,000.00	4,000.00

W # 02290
2- 735.06
(5)

PAID
MAR 13 2003
CHECK NO

Total $4,000.00

Phone #	Fax #
772-597-5377	772-597-5327

Knight's Construction

P.O. Box 1968
Indiantown, FL 34956

Invoice

Date	Invoice #
5/13/2002	1237

Bill To
INDIANTOWN COMPANY P.O. BOX 397 INDIANTOWN, FL. 34956

P.O. No.	Terms	Project
	Due on receipt	

Item	Qty	Description	Rate	Amount
SERVICE/TOTAL	2	CLEANING OF OFF-SITE PONDS 6 & 7	2,000.00	4,000.00

V# 02290

a/c 2-~~[illegible]~~ 735.06

OK TO PAY

5-14-02

	Total	$4,000.00

Knight's Construction

P.O. Box 1968
Indiantown, FL 34956

Invoice

Date	Invoice #
4/1/2002	1231

Bill To

INDIANTOWN COMPANY
P.O. BOX 397
INDIANTOWN, FL. 34956

P.O. No.	Terms	Project
6156	Due on receipt	

Item	Qty	Description	Rate	Amount
SERVICE/TOTAL	2	ANNUAL CLEANING PERK PONDS INDIANTOWN WWP PONDS 2&3	3,000.00	6,000.00

v#02290
2-755.06

Due To
Pay per
Dean
Att
4-2-02

Total $6,000.00

Knight's Construction

P.O. Box 1968
Indiantown, FL 34956

Invoice

Date	Invoice #
4/1/2002	1230

Bill To

INDIANTOWN COMPANY
P.O. BOX 397
INDIANTOWN, FL. 34956

X P.O. No.	Terms	Project
6156	Due on receipt	

Item	Qty	Description	Rate	Amount
SERVICE/TOTAL	3	ANNUAL CLEANING PERK PONDS INDIANTOWN WWP PONDS 1-4-5	2,000.00	6,000.00

Vt#02290
2-435.06

OK
TO PAY
PER DEAN
4-2-02

Total $6,000.00

Knight's Construction

P.O. Box 1968
Indiantown, FL 34956

Invoice

Date	Invoice #
5/15/2001	1099

Bill To

INDIANTOWN COMPANY
P.O. BOX 397
INDIANTOWN, FL. 34956

P.O. No.	Terms	Project

Item	Qty	Description	Rate	Amount
SERVICE/TOTAL	3	ANNUAL CLEANING PERK PONDS. INDIANTOWN WWP PONDS 1-4-5	2,000.00	6,000.00

Thank you for your business.

Total $6,000.00

Knight's Construction

P.O. Box 1968
Indiantown, FL 34956

Invoice

Date	Invoice #
4/27/2001	1091

v# 02290

Bill To
INDIANTOWN COMPANY P.O. BOX 397 INDIANTOWN, FL. 34956

RECEIVED
APR 30 2001
ICO

P.O. No.	Terms	Project
5808	Due on receipt	

Item	Qty	Description	Rate	Amount
SERVICE/TOTAL	2	ANNUAL CLEANING PERK PONDS. INDIANTOWN WWP PONDS 2&3	3,000.00	6,000.0

2-735.06

PAID
MAY 9 2001
#6,000.00
CHECK NO. 4917

Thank you for your business.

Total $6,000.00

Knight's Construction

P.O. Box 1968
Indiantown, FL 34956

Date	Invoice #
3/23/2001	1080

Bill To
INDIANTOWN COMPANY P.O. BOX 397 INDIANTOWN, FL. 34956

P.O. No.	Terms	Project

Item	Qty	Description	Rate	Amount
SERVICE/TOTAL	1	POND 6	2,000.00	2,000.00
SERVICE/TOTAL	1	POND 7	2,000.00	2,000.00
		ANNUAL CLEANING OF PERK PONDS.		
		AT OFF SITE PONDS IN GROVE.		

V#02290
2-735.06

RECEIVED
MAR 26 2001
ICO

OK

Thank you for your business.

Total $4,000.0

KNIGHT'S CONSTRUCTION
P.O. BOX 1968
INDIANTOWN, FL. 34956
(561)597-5377 OFFICE
(561)597-5327 FAX

05/10/00

INDIANTOWN COMPANY, INC.
P.O. BOX 397
INDIANTOWN, FL. 34956

STATEMENT

P.O. 5302

ANNUAL CLEANING OF PONDS. #3 - #6 - #7

$2,000.00 EACH .....$ 6,000.00

PAY UPON RECEIVING STATEMENT

KNIGHT'S CONSTRUCTION
P.O. BOX 1968
INDIANTOWN, FL. 34956
(561)597-5377 OFFICE
(561)597-5327 FAX

04/13/00

APR 25
$4,000.00
3022

INDIANTOWN COMPANY, INC.
P.O. BOX 397
INDIANTOWN, FL. 34956

P.O. 5279

CLEANING OF PONDS #1 AND #2

v# 02290
2-735.06

TOTAL AMOUNT $ 4,000.00

RECEIVED
APR 18 2000
ICO

POSTED 3/7

KNIGHT'S CONSTRUCTION
P.O. BOX 1968
INDIANTOWN, FL. 34956
(561)597-5377 OFFICE
(561)597-5327 FAX

V# 02290

03/03/00

B# 031330

INDIANTOWN COMPANY, INC.
P.O. BOX 397
INDIANTOWN, FL. 34956

P.O. #5251

POND	# 4	ANNUAL CLEANING.....	$ 2,500.00
POND	# 5	ANNUAL CLEANING.....	$ 2,500.00
			$ 5,000.00

J-735.06

PAY UPON RECEIVING BILLING

RECEIVED
MAR - 6 2000
ICO

Received Time Feb.22. 4:33PM

KNIGHT'S CONSTRUCTION
P.O. BOX 1968
INDIANTOWN, FL. 34956
(561)597-5377 OFFICE
(561)597-5327 FAX

v# 02290 June 6/17

RECEIVED
JUN 10 1999
ICO

STATEMENT

JUNE 04,1999

INDIANTOWN COMPANY, INC.
P.O. BOX 397
INDIANTOWN, FL. 34956

SEWER PLANT PONDS

PURCHASE ORDER NUMBER: 5699

CLEANED PONDS 1-2-3-4-5
PLUS (2) POLISHING PONDS.....TOTAL AMOUNT: $12,500.00

JUN 25
$12,500.00
1669

Indiantown Company, Inc.
Response to Staff's Third Data Request
Docket No. 040450-WS
Question 3 - Summary of Gallons Sold, Pumped & Wastewater Treated
Since Finished Water Flow Meter Repaired

	Oct.2004	Nov.2004	Dec. 2004	Jan. 2005	Total
Gallons Sold (000)	17,162	15,597	17,004	17,879	67,642
Finished Water Pumped (000)	19,939	19,205	19,365	20,672	79,181
Unaccounted for Water	2,777	3,608	2,361	2,793	11,539
Percentage of Unaccounted for Water	14.00%	19.00%	12.00%	14.00%	15.00%
Gallons of Wastewater Treated (000)	15,402	11,660	11,150	10,662	48,874

Note: The Company was engaged in an extensive flushing program in an effort to control TTHM's. The usage was not estimated, but the Company believes that if known, there is no excessive unaccounted for water. The Utility began monitoring flushing water and other sources of unaccounted for water in Mid February, 2005.

Bob Nixon

From: "Jim Hewitt" <jimh@itstelecom.net>
To: "Bob Nixon" <rnixon@cjnw.net>
Cc: **"Jim Hewitt" <jimh@itstelecom.net>**; "Jeff Leslie" <jeffl@itstelecom.net>; "Mike Abramson" <mikea@itstelecom.net>
Sent: Wednesday, February 23, 2005 8:50 AM
Subject: RE: Third Data Request - Item 3

Good morning Bob,
What we have here is excess flushing due to the "Notice of Non-Compliance" issued by the DEP. Even before we recieved the notice we were instructed to do an intense flushing program to lower the TTHM's in the system. This program started in October after we recieved the first results of testing for TTHM's.

Water at the wastewater plant is metered and billed.

[Jim Hewitt]

BREAKDOWN OF CHARGES
(Big Journal vs Big)

After meter recalibrated

WATER	2004 Feb	2004 Mar	2004 Apr	2004 May	2004 Jun	2004 Jul	2004 Aug	2004 Sep	2004 Oct	2004 Nov	2004 Dec	2005 Jan	TOTALS
Mthly Recur Rev	21,542.90	21,815.22	21,971.97	21,621.68	21,496.48	21,381.53	21,297.93	21,297.93	21,506.93	21,726.38	21,841.33	22,196.71	259,697.19
Gallon Rev	30,427.11	37,624.23	26,568.55	36,372.30	30,552.05	33,232.00	26,377.90	25,661.80	26,601.10	24,175.35	26,356.20	27,712.45	351,661.04
Total	51,970.01	59,439.45	48,540.52	57,994.18	52,048.53	54,613.53	47,675.83	46,959.73	48,108.03	45,901.73	48,197.53	49,909.16	611,358.23
OCC's	(42.85)	(1,449.97)	(1,616.22)	(6,226.97)	(1,190.33)	(1,081.80)	87.96	(156.21)	(146.78)	(406.49)	(16.74)	198.43	(12,047.97)
Grand Total Water	51,927.16	57,989.48	46,924.30	51,767.21	50,858.20	53,531.73	47,763.79	46,803.52	47,961.25	45,495.24	48,180.79	50,107.59	599,310.26
Gallons Billed	19887	24274	17141	23466	19711	21440	17018	16556	17162	15597	17004	17879	227135

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

System PWS Identification Number: 4430667

Treatment Plant Name: INDIANTOWN WATER COMPANY

III. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF JANUARY, 2005

- Type of Residual Disinfectant Maintained in Distribution System Served by Plant: ☑ free chlorine; ☐ combined chlorine (chloramine); ☐ chlorine dioxide
- Summary of Daily Water Treatment Data for Month:

Day of the Month	Hours Plant in Operation	Quantity of Finished Water Produced by Plant (gallons)	Lowest Residual Disinfectant Concentration at Entry to Distribution System (mg/L)	Residual Disinfectant in Distribution System			Reported Emergency or Abnormal Operating Conditions
				Lowest Residual Disinfectant Concentration at Remote Point (mg/L)	Number of Instances Where Residual Disinfectant Measurements Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration at Total Coliform Sampling Points (mg/L)	
1	19	667,000	1.0	0.2			
2	14	609,000	1.1	0.2			
3	17	656,000	1.6	0.2			
4	18	652,000	1.3	0.2			
5	15	656,000	1.5	0.2			
6	15	633,000	1.0	0.2			
7	16	641,000	1.0	0.3			
8	16	650,000	1.0	0.3			
9	18	675,000	1.2	0.2			
10	18	728,000	1.9	0.3			
11	16	694,000	2.0	0.2			
12	17	630,000	2.5	0.2			
13	17	627,000	1.0	0.2			
14	15	795,000	1.0	0.2			
15	15	561,000	2.2	0.2			
16	16	592,000	1.3	0.3			
17	19	601,000	3.9	0.2	6	0.4	
18	18	655,000	3.2	0.4			
19	13						
20	14	671,000	1.2	0.2			
21	13	693,000	1.0	0.2			
22	13	661,000	1.0	0.3			
23	13	632,000	1.7	0.2			
24	16	703,000	1.0	0.2			
25	13	758,000	1.0	0.3			
26	13	519,000	1.0	0.3			
27	13	703,000	1.1	0.2			
28	14	678,000	1.4	0.6			
29	11	621,000	1.0	0.2			
30	15	775,000	1.1	0.2			
31	14	832,000	1.6	0.2			
Total		20,672,000					
Avg.		667,000					
Max.		832,000					

and for Consecutive Public Water Systems that Treat Their Water

System PWS Identification Number: 4430667

Treatment Plant Name: Indiantown Water Company

Reporting Month/Year: DECEMBER, 2004

DEP Form No.: 62-555.310(3)
Form Title: Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water
Effective Date: December 18, 1994
DEP Application No.: (Filled in by DEP)

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR REPORTING MONTH

- Reporting Month/Year: DECEMBER, 2004
- Type of Residual Disinfectant Maintained in Distribution System Served by Plant: ☐ free chlorine; ☐ combined chlorine (chloramine); ☐ chlorine dioxide
- Summary of Daily Water Treatment Data for Reporting Month:

Day of the Month	Hours Plant in Operation	Quantity of Finished Water Produced by Plant (gallons)	Lowest Residual Disinfectant Concentration at Entry to Distribution System (mg/L)*	Residual Disinfectant in Distribution System			Reported Emergency or Abnormal Operating Conditions
				Lowest Residual Disinfectant Concentration at Remote Point (mg/L)*	Number of Instances Where Residual Disinfectant Measurements Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration at Total Coliform Sampling Points (mg/L)*	
1	16	641,000	2.5	0.4			
2	17	639,000	1.2	0.3			
3	17	652,000	1.7	0.2			
4	18	707,000	1.8	0.3			
5	17	661,000	1.5	0.4			
6	17	675,000	1.8	0.4			
7	18	655,000	1.4	0.2			
8	15	593,000	1.5	0.6			
9	17	640,000	1.5	0.2			
10	16	647,000	1.6	0.4			
11	17	630,000	1.5	0.4			
12	16	629,000	1.0	0.6			
13	16	640,000	1.3	0.4			
14	16	602,000	1.1	0.2			
15	16	584,000	1.5	0.2			
16	15	587,000	2.2	0.2			
17	15	604,000	2.3	0.2	6	0.4	
18	16	583,000	1.8	0.2			
19	16	639,000	1.6	0.2			
20	15	657,000	1.2	0.2			
21	17	599,000	2.2	0.6			
22	16	634,000	2.3	0.3			
23	18	600,000	1.8	0.4			
24	17	631,000	1.0	0.2			
25	16	648,000	1.1	0.4			
26	15	543,000	1.0	0.2			
27	16	608,000	1.2	0.5			
28	18	613,000	1.5	0.2			
29	15	596,000	1.5	0.6			

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

System PWS Identification Number: 4430667
Treatment Plant Name: Indiantown Water Company
Reporting Month/Year: DECEMBER, 2004

DEP Form No.: 62-555.910(3)
Form Title: Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water
Effective Date: December 19, 1994
DEP Application No.: (Filled in by DEP)

Day of the Month	Hours Plant in Operation	Quantity of Finished Water Produced by Plant (gallons)	Lowest Residual Disinfectant Concentration at Entry to Distribution System (mg/L)*	Residual Disinfectant in Distribution System			Reported Emergency or Abnormal Operating Conditions
				Lowest Residual Disinfectant Concentration at Remote Point (mg/L)†	Number of Instances Where Residual Disinfectant Measurements Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration at Total Coliform Sampling Points (mg/L)†	
30	15	610,0009	1.0	0.2			
31	16	618,000	1.0	0.2			
Total	XXXXXXX	19,365,000	XXXXXXXXXXX	XXXXXXXXXXX		XXXXXXXXXXXXXX	XXXXXXX
Avg.	XXXXXXX	624,000	XXXXXXXXXXX	XXXXXXXXXXX	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXX
Max.	XXXXXXX	707,000	XXXXXXXXXXX	XXXXXXXXXXX	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXX

* *If at any time the residual disinfectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555.350(3), F.A.C.*

† *If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555.350(3), F.A.C.*

III. SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAINING ACRYLAMIDE, POLYMER CONTAINING EPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT (complete this part only for the reporting month of December each year)

- Is any polymer containing the monomer acrylamide used at the treatment plant? _____ If yes, the polymer dose and the acrylamide level in the polymer are as follows:

Polymer Dose = _____ ppm* Acrylamide Level = _____ %*

* *The acrylamide level provided on this form may be based on the polymer manufacturer's certification or on third-party certification. If the combination (or product) of dose and monomer level for acrylamide exceeds 0.05% dosed at 1 ppm (or equivalent), it is a violation of State primary drinking water standards per Rules 62-550.310(2)(d) and 62-550.325(1), F.A.C.*

- any polymer containing the monomer epichlorohydrin used at the treatment plant? _____ If yes, the polymer dose and the epichlorohydrin level in the polymer are as follows:

Polymer Dose = _____ ppm* Epichlorohydrin Level = _____ %*

* *The epichlorohydrin level provided on this form may be based on the polymer manufacturer's certification or on third-party certification. If the combination (or product) of dose and monomer level for epichlorohydrin exceeds 0.01% dosed at 20 ppm (or equivalent), it is a violation of State primary drinking water standards per Rules 62-550.310(2)(d) and 62-550.325(1), F.A.C.*

... and for Consecutive Public Water Systems that Treat Their Water

System PWS Identification Number: 4430667

Treatment Plant Name: Indiantown Water Company

Reporting Month/Year: NOVEMBER, 2004

DEP Form No.: 62-555.310(3)
Form Title: Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water
Effective Date: December 19, 1994
DEP Application No.: (Filled in by DEP)

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR REPORTING MONTH

- Reporting Month/Year: NOVEMBER, 2004
- Type of Residual Disinfectant Maintained in Distribution System Served by Plant: ☒ free chlorine; ☐ combined chlorine (chloramine); ☐ chlorine dioxide
- Summary of Daily Water Treatment Data for Reporting Month:

Day of the Month	Hours Plant in Operation	Quantity of Finished Water Produced by Plant (gallons)	Lowest Residual Disinfectant Concentration at Entry to Distribution System (mg/L)*	Residual Disinfectant in Distribution System			Reported Emergency or Abnormal Operating Conditions
				Lowest Residual Disinfectant Concentration at Remote Point (mg/L)*	Number of Instances Where Residual Disinfectant Measurements Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration at Total Coliform Sampling Points (mg/L)*	
1	16	688,000	1.9	0.2			
2	17	626,000	1.8	0.3			
3	15	607,000	1.7	0.3			
4	15	628,000	1.2	0.2			
5	19	596,000	1.6	0.4			
6	15	611,000	1.5	0.2			
7	16	664,000	1.9	0.3			
8	18	679,000	2.4	0.4	6	0.4	
9	16	717,000	2.3	0.3			
10	15	513,000	2.2	0.3			
11	15	610,000	2.3	0.4			
12	16	632,000	2.4	0.4			
13	17	645,000	2.6	0.4			
14	17	672,000	2.8	0.6			
15	16	665,000	2.3	0.5			
16	17	650,000	3.0	0.7			
17	15	623,000	2.0	0.6			
18	17	684,000	1.9	0.4			
19	18	695,000	2.8	0.4			
20	13	654,000	1.7	0.2			
21	20	671,000	2.0	0.2			
22	18	678,000	1.0	0.2			
23	15	640,000	1.3	0.4			
24	17	605,000	2.8	0.6			
25	16	626,000	2.4	0.5			
26	15	598,000	2.0	0.5			
27	16	615,000	2.3	0.4			
28	16	651,000	2.6	0.4			
29	18	658,000	2.3	0.3			

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

System PWS Identification Number: 4430667

Treatment Plant Name: Indiantown Water Company

Reporting Month/Year: NOVEMBER, 2004

DEP Form No.: 62-555.910(3)
Form Title: Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water
Effective Date: December 19, 1994
DEP Application No.: (Filled in by DEP)

Day of the Month	Hours Plant in Operation	Quantity of Finished Water Produced by Plant (gallons)	Lowest Residual Disinfectant Concentration at Entry to Distribution System (mg/L)*	Residual Disinfectant in Distribution System			Reported Emergency or Abnormal Operating Conditions
				Lowest Residual Disinfectant Concentration at Remote Point (mg/L)†	Number of Instances Where Residual Disinfectant Measurements Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration at Total Coliform Sampling Points (mg/L)†	
30	15	604,000	1.7	0.2			
31							
Total	XXXXXXX	19,205,000	XXXXXXXXXXX	XXXXXXXXXXX		XXXXXXXXXXXXXX	XXXXXXX
Avg.	XXXXXXX	640,000	XXXXXXXXXXX	XXXXXXXXXXX	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXX
Max.	XXXXXXX	717,000	XXXXXXXXXXX	XXXXXXXXXXX	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXX

* *If at any time the residual disinfectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555.350(3), F.A.C.*

† *If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555.350(3), F.A.C.*

III. SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAINING ACRYLAMIDE, POLYMER CONTAINING EPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT (complete this part only for the reporting month of December each year)

- Is any polymer containing the monomer acrylamide used at the treatment plant? _____ If yes, the polymer dose and the acrylamide level in the polymer are as follows:

Polymer Dose – _____ ppm* Acrylamide Level – _____ %*

* *The acrylamide level provided on this form may be based on the polymer manufacturer's certification or on third-party certification. If the combination (or product) of dose and monomer level for acrylamide exceeds 0.05% dosed at 1 ppm (or equivalent), it is a violation of State primary drinking water standards per Rules 62-550.310(2)(d) and 62-550.325(1), F.A.C.*

- Is any polymer containing the monomer epichlorohydrin used at the treatment plant? _____ If yes, the polymer dose and the epichlorohydrin level in the polymer are as follows:

Polymer Dose – _____ ppm* Epichlorohydrin Level – _____ %*

* *The epichlorohydrin level provided on this form may be based on the polymer manufacturer's certification or on third-party certification. If the combination (or product) of dose and monomer level for epichlorohydrin exceeds 0.01% dosed at 20 ppm (or equivalent), it is a violation of State primary drinking water standards per Rules 62-550.310(2)(d) and 62-550.325(1), F.A.C.*

and for Consecutive Public Water Systems that Treat Their Water

System PWS Identification Number: 4430667

Treatment Plant Name: Indiantown Water Company

Reporting Month/Year: OCTOBER, 2004

DEP Form No.: 62-555.910(3)
Form Title: Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water
Effective Date: December 18, 1994
DEP Application No.: (Filled in by DEP)

I. SUMMARY OF DAILY WATER TREATMENT DATA FOR REPORTING MONTH

- Reporting Month/Year: OCTOBER, 2004
- Type of Residual Disinfectant Maintained in Distribution System Served by Plant: ☐ free chlorine; ☐ combined chlorine (chloramine); ☐ chlorine dioxide
- Summary of Daily Water Treatment Data for Reporting Month:

Day of the Month	Hours Plant in Operation	Quantity of Finished Water Produced by Plant (gallons)	Lowest Residual Disinfectant Concentration at Entry to Distribution System (mg/L)*	Residual Disinfectant in Distribution System			Reported Emergency or Abnormal Operating Conditions
				Lowest Residual Disinfectant Concentration at Remote Point (mg/L)*	Number of Instances Where Residual Disinfectant Measurements Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration at Total Coliform Sampling Points (mg/L)*	
1	20	629,000	3.3	0.4			
2	21	725,000	3.5	1.0			
3	16	648,000	2.8	0.4			
4	23	709,000	3.9	0.8			
5	17	630,000	2.0	0.2			
6	17	599,000	1.1	0.3			
7	18	612,000	1.6	0.2			
8	19	582,000	1.6	0.2			
9	14	610,000	2.0	0.4			
10	16	644,000	2.9	0.4			
11	17	690,000	1.1	0.2			
12	16	626,000	1.3	0.2			
13	15	622,000	1.1	0.2			
14	16	620,000	1.4	0.3			
15	14	629,000	1.4	0.3			
16	17	675,000	1.0	0.2			
17	17	690,000	2.8	0.2			
18	18	739,000	2.8	0.3	6	0.3	
19	16	675,000	2.3	0.3			
20	16	628,000	2.3	0.3			
21	16	640,000	2.5	0.6			
22	17	667,000	2.4	0.4			
23	13	561,000	1.8	0.4			
24	15	613,000	1.9	0.5			
25	17	664,000	2.6	0.4			
26	15	736,000	1.9	0.5			
27	16	535,000	2.2	0.2			
28	18	710,000	2.1	0.5			
29	16	635,000	2.2	0.2			

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

System PWS Identification Number: 4430667
Treatment Plant Name: Indiantown Water Company
Reporting Month/Year: OCTOBER, 2004

DEP Form No.: 62-555.910(3)
Form Title: Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water
Effective Date: December 19, 1994
DEP Application No.: (Filled in by DEP)

Day of the Month	Hours Plant in Operation	Quantity of Finished Water Produced by Plant (gallons)	Lowest Residual Disinfectant Concentration at Entry to Distribution System (mg/L)*	Residual Disinfectant in Distribution System: Lowest Residual Disinfectant Concentration at Remote Point (mg/L)†	Residual Disinfectant in Distribution System: Number of Instances Where Residual Disinfectant Measurements Taken at Total Coliform Sampling Points	Residual Disinfectant in Distribution System: Lowest Residual Disinfectant Concentration at Total Coliform Sampling Points (mg/L)†	Reported Emergency or Abnormal Operating Conditions
30	14	573,000	1.5	0.6			
31	17	674,000	1.4	0.2			
Total	XXXXXXX	19,939,000	XXXXXXXXXXX	XXXXXXXXXXX			
Avg.	XXXXXXX	643,000	XXXXXXXXXXX	XXXXXXXXXXX	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	XXXXXXX
Max.	XXXXXXX	739,000	XXXXXXXXXXX	XXXXXXXXXXX	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	XXXXXXX

* *If at any time the residual disinfectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555.350(3), F.A.C.*

† *If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555.350(3), F.A.C.*

III. SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAINING ACRYLAMIDE, POLYMER CONTAINING EPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT (complete this part only for the reporting month of December each year)

- Is any polymer containing the monomer acrylamide used at the treatment plant? _____ If yes, the polymer dose and the acrylamide level in the polymer are as follows:

Polymer Dose = _____ ppm* Acrylamide Level = _____ %*

* *The acrylamide level provided on this form may be based on the polymer manufacturer's certification or on third-party certification. If the combination (or product) of dose and monomer level for acrylamide exceeds 0.05% dosed at 1 ppm (or equivalent), it is a violation of State primary drinking water standards per Rules 62-550.310(2)(d) and 62-550.325(1), F.A.C.*

- Is any polymer containing the monomer epichlorohydrin used at the treatment plant? _____ If yes, the polymer dose and the epichlorohydrin level in the polymer are as follows:

Polymer Dose = _____ ppm* Epichlorohydrin Level = _____ %*

* *The epichlorohydrin level provided on this form may be based on the polymer manufacturer's certification or on third-party certification. If the combination (or product) of dose and monomer level for epichlorohydrin exceeds 0.01% dosed at 20 ppm (or equivalent), it is a violation of State primary drinking water standards per Rules 62-550.310(2)(d) and 62-550.325(1), F.A.C.*

Indianapolis Wastewater Treatment Plant

Daily Log

plant 24,000

Month/ OCT. Year/ 2004

				Temp.			PH		RE	CT	lbs.	Total	SL	SYNA-GRO DIGESTOR Gal SL	SYNA-GRO BEDS Gal SL	SYNA-GRO SUPER NATE. Gal Supp	
Reading	Date	Time	Flow	Tank	Air	Rain	Raw	Finished	SS	SS	CL2	CL2	BLK	WAS	Disp	Return	Initial
3462000	1	7:30	.540	82	77	0	7.9	7.6			[illegible]	1.3		[illegible]	12,506		[illegible]
3465700	2	10:30	.540	82	80	0	8.3	7.7			25	0.6		29472			DJ
3469200	3	10 AM	.550	82	80	0	8.8	7.9			25	1.5					DJ
3473000	4	9 PM	.530	82	78	0	8.8	8.1			30	2.2		7368			DJ
3477550	5	8 PM	.530	82	79	0	8.7	8.0			30	1.5					DJ/ES
3478280	6	7:30	.530	82	77	.1	8.7	8.0			25	2.2					ES/DJ
3481100	7	7:45	.550	82	78	.5	7.4	7.1			25	2.0					ES/DJ
3484000	8	8:00	.520	82	78	0.0	7.7	7.4			25	0.5		36,840			ES/DJ
3487450	9	9:00	.530	81	78	0.0	7.8	7.1			30	0.6					DJ
3472950	10	8:50	.500	82	78	0	7.8	7.5			25	0.5					DJ
3475450	11	8:45	.540	82	74	0	8.0	7.5			25	2.2					ES/DJ
3478000	12	7:30	.480	82	74	0	8.0	7.6			45	2.2					ES/DJ
3480470	13	8:00	.490	82	74	0	7.9	7.3			30	2.2					DJ/ES
3484490	14	7:30	.530	82	74	0	8.0	7.6			30	2.2					ES/DJ
3487530	15	8:00	.450	82	[illegible]	0	8.0	7.5			30	1.4					ES/DJ
3475780	16	8:30	.470	80	74	0	8.1	7.4			20	0.3					A.J.S.
3476250	17	8:30	.460	80	74	0	7.4	7.9			20	0.3					A.J.S.
3476710	18	8:30	.410	82	74	0	7.1	7.6			20	0.7		36,840			ES/DJ
3477120	19	8:30	.510	82	78	1.0	7.3	7.1			40	2.2					DJ
3477650	20	8:00	.550	82	74	.6	7.3	7.2			30	0.5		~~29472~~ 29,472			ES/DJ
3478180	21	8:00	.510	82	76	0	7.6	7.2			30	0.8		29472		"	ES/DJ
3478750	22	7:30	.600	82	76	0.0	7.5	7.1			30	1.1		3184		14736	ES/DJ
3479350	23	9:20	.540	81	76	0.0	7.6	7.1			30	1.0					EW
3479890	24	9:00	.510	81	72	0	7.5	7.2			30	0.8					EW
3480400	25	7:30	.510	82	76	0	7.6	7.2			30	2.2		3684			ES/DJ
3480810	26	7:30	.490	81	74	0	7.7	7.1			40	2.2					ES/DJ
3481360	27	7:30	.440	80	74	0	7.5	7.2			30	0.5		29,472		29472	ES/DJ
3481870	28	7:45	.440	80	74	0	7.6	7.1			25	1.9		29,472		7,368	ES/DJ
3482170	29	7:45	.410	80	74	0	7.4	7.1			30	2.2		22104		29472	ES/DJ
3482590	30	[illegible]	.460	80	74	0	7.5	7.2			[illegible]	1.7					[illegible]
3483050	31	8:30	.370	80	74	0	7.6	7.1			30	2.2					[illegible]
											840	44.3	TOTAL				
			15.40		2.2		229.7				31	31		198,936	12,506	81,048	
			31		Tiara		31				29	1.4		31			
			.497				7.41				AVG #	AVG Cl2		6419			
			AVG Q	Fl			AVG PH							Ticket # T. 037542			
														Sludge			

Received Time Feb. 22. 3:51PM

Feb 22 05 05:22p

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

Indiantown Wastewater Treatment Plant
Daily Log

Month/ NOV Year/ 2004

Reading	Date	Time	Flow	Temp. Tank	Temp. Air	Rain	PH Raw	PH Finished	RE SS	CT SS	lbs. CL2	Total CL2	SL BLK	SYNA-GRO DIGESTOR Gal SL WAS	SYNA-GRO BEDS Gal SL Disp	SYNA-GRO SUPER NATE. Gal Supp Return	Initial
3485210	1	7:15	.410	75	76	0	7.1	6.9			35	2.2					ES/DJ
3488230	2	8:25	.430	81	74	0	7.6	7.1			40	2.2		22104			ES/DJ
3484260	3	8:25	.410	80	76	0	7.6	7.1			30	2.2					ES/DJ
3484670	4	8:20	.400	81	76	0	7.7	7.2			31	2.2					ES/DJ
3485030	5	8:20	.420	81	74	0	7.6	7.2			30	2.2		7368			CM/DJ
3485510	6	10:30A	.410	80	72	0	7.5	7.3			20	1.0					DCJ
3485910	7	10:10AM	.370	80	72	0	7.5	7.3			25	0.5					DCJ
3486430	8	8:20	.410	80	74	0	7.6	7.2			30	2.1		14736		14736	ES/DJ
3486970	9	7:50	.340	80	72	0	7.6	7.1			40	2.2		14736		14736	ES/DJ
3487050	10	7:20	.370	77	70	0.11	7.1	7.1			30	2.2				22104	ES/DJ
3487490	11	7:30	.220	79	77	0	7.5	7.0			30	2.1					CM/DJ
3487670	12	8:20	.430	79	74	0.0	7.5	7.2			30	2.2					ES/DJ
3488110	13	8:49	.400	79	81	0.4	7.4	7.0			20	2.0					A.M.
3488510	14	9:10	.410	86	76	0.1	7.5	7.3			30	2.0					A.M.
3488930	15	7:20	.430	79	72	0	7.9	7.2			30	2.2		14,736			ES/DJ
3489350	16	8:30	.520	77	78	0	7.8	7.2			40	2.2		14,736			ES/DJ
3489870	17	8:20	.370	78	70	0	7.8	7.3			30	2.2		22,104			ES/DJ
3490240	18	8:35	.360	78	64	0	7.7	7.2			30	2.2		14,736			ES/DJ
3490600	19	7:30	.400	78	74	0	7.7	7.2			5	2.2					ES/DJ
3491000	20	9:30	.400	79	78	0	7.9	7.2			25	1.9					A.M.S.
3491400	21	9:30	.370	81	82	0	7.5	[illegible]			210	1.4					A.M.S.
3491770	22	7:20	.380	79	68	0	7.6	7.3			25	2.2					E.S. DJ
3492150	23	8:30	.360	78	70	0	7.5	7.3			40	2.2					ES
3492510	24	7:[illegible]	.360	79	74	0.1	7.8	7.2			30	1.3		29472			ES/DJ
3492870	25	8:35	390	79	70	0.0	7.6	7.2			30	1.6					CM/DJ
3493260	26	8:40	370	77	60	0.0	7.7	7.5			30	1.4					CM/DJ
3493630	27	9:10	390	78	74	0.2	7.6	7.3			30	0.3					E
3499020	28	9:30	.360	78	76	0	7.5	7.2			30	1.2					
3494390	29	8:20	340	78	64	0.0	7.8	7.2			20	2.2		29,472			
3494720	30	8:20	.360	78	76	0	7.5	7.2			30	1.0					
													TOTAL				

11.66 / 30 0.9" Tucker 216.3 / 30 CL916#, 55.2 / 30

20176Y

Indiantown Wastewater Treatment Plant
Daily Log

Month/ December Year/ 2004

				Temp.			PH		RE	CT	lbs.	Total	SL	SYNA-GRO DIGESTOR Gal SL	BEDS Gal SL	SUPER NATE. Gal Supp	
	Date	Time	Flow	Tank	Air	Rain	Raw	Finished	SS	SS	CL2	CL2	BLK	WAS	Disp	Return	Initial
50 80	1	8:20	.340	78	72	0	7.8	7.2			30	2.2		29,472			ES
420	2	8:25	.370	78	72	0	7.6	7.2			30	2.2		14736			ES/DJ
790	3	8:30	.350	78	62	0	7.9	7.3			30	2.2					ES
140	4	9:00	.330	78	68	0	7.6	7.5			30	1.7		29,472			[illegible]
[illegible]	5	[illegible]	.370	79	60	0	7.8	7.3			[illegible]	2.5					[illegible]
990	6	8:30	.360	77	72	0	7.6	7.2			30	0.5				29,472	ES DJ
550	7	8:35	.360	78	76	0	7.7	7.1			40	2.2		14736		14736	ES/DJ
710	8	8:20	.340	78	70	0	7.6	7.1			25	2.2					ES/DJ
950	9	8:30	.320	79	74	0	7.6	7.1			30	2.2		22,104			ES/DJ
370	10	8:20	.390	79	76	0	7.8	7.2			25	2.2				22,104	ES
720	11	10:30	.350	77	72	0	7.7	7.4			25	1.61					DJ
710	12	10Am	.350	76	58	0	7.6	7.2			25	1.2	6½	3,684			DJ 3,684
460	13	8:20	.340	76	54	0	7.6	7.1			25	2.2	8 FT.	14736			ES/DJ
200	14	8:20	.340	77	62	0	7.5	7.2			40	2.2					ES/DJ
40	15	8:25	.360	75	42	0	7.7	7.1			25	2.2					ES DJ
00	16	9:00	.370	76	52	0	7.8	7.1			25	2.2					ES/DJ
70	17	9:10	.350	75	64	0.2	7.9	7.2			20	2.0	7½ FT.	14736			ES/DS
30	18	9:10	.420	77	68	0.3	7.8	7.0			25	2.1					[illegible]
40	19	9:10	.370	76	58	0	7.9	7.0			25	2.0					[illegible]
10	20	8.25	.370	74	46	0	7.9	7.3			20	2.2					ES
80	21	8:30	.360	74	50	0	7.5	7.2			40	2.2					ES
40	22	8:30	.310	74	62	0	7.7	7.0			20	2.2	7 FT.	29472			ES/DJ
50	23	8:25	.330	75	70	0	7.7	7.2			20	0.5	6 FT.	14736			ES/DJ
10	24	8:30	.350	73	-	0.3	7.6	7.3			20	0.7					[illegible]
30	25	8:40	.360	76	60	0.5	7.5	7.2			30	0.1					JW
40	26	8:30	.370	77	58	.1	7.9	7.7			20	0.5					[illegible]
0	27	9:00	.360	74	54	0	7.9	7.3			20	2.2		3456			ES/DJ
70	28	8:25	.330	74	52	0	7.8	7.2			35	2.2	7 FT.	14736			ES/DJ
20	29	8:25	.310	74	68	0	7.6	7.1			20	1.3	7½ FT.	36,840			ES DJ
15	30	8:25	.360	75	64	0	7.6	7.2			20	2.5	7 FT.	29,472			ES/DJ
5	31	9:00	.370	76	76	0	7.5	7.3			10	0.6					JW
												TOTAL					

High .400 11.150
Low .300
31
.360

1.4

237.7
31
7.7 AVG

2.0

51.5
31
1.66 AVG

Feb 22 05 05:21p

Received Time Feb.22. 3:51PM

Indiantown Wastewater Treatment Plant

Daily Log

Month/ JAN. Year/ 2005

														SYNA-GRO			
														DIGESTOR	BEDS	SUPER NATE	
3505860			.370	Temp.		0.0	PH		RE	CT	lbs.	Total	SL	Gal SL	Gal SL	Gal Supp	
Reading	Date	Time	Flow	Tank	Air	Rain	Raw	Finished	SS	SS	CL2	CL2	BLK	WAS	Disp	Return	Initial
3506230	1	8:30	.340	77	70	0.0	7.6	7.2			20	1.0					EW
3506570	2	8:50	.390	78	68	0	7.5	7.3			20	1.8					EW
3506960	3	9:30	.320	75	70	0	7.9	7.1			20	2.2		29,472			DJ
3507280	4	8:30	.360	75	66	0	7.9	7.2			30	2.2					ES/DJ
3507640	5	8:25	.300	75	62	0	7.9	7.2			20	1.1	7 FT.	22,104			ES
3507940	6	8:30	.330	76	62	0	7.8	7.3			20	1.6					ES/DJ
3508270	7	8:25	.330	76	70	0	7.9	7.2			20	1.6	7 FT.	17,192			ES/DJ
3508640	8	8:25	.340	76	72	0	7.8	7.3			20	1.5					ES
3508930	9	8:15	.340	76	72	0	7.8	7.2			30	2.2					ES
3509280	10	8:35	.330	76	66	0	7.8	7.2			20	2.2		29,472			ES/DJ
3509610	11	8:25	.370	76	68	0	7.5	7.1			20	2.2				14,736	ES/DJ
3509980	12	8:25	.330	76	66	0	7.9	7.2			20	1.8	7½ FT.			29,472	ES
3510310	13	8:15	.300	76	74	0	7.8	7.0			20	2.2		29,472			ES/DJ
3510610	14	9:05	.440	76	74	1.3	7.9	7.1			20	2.2		7368			ES/DJ
3511050	15	10:05	.380	76	68	1.3	8.6	7.5			20	1.2	SYNAGRO →	186,775 →	←		DJ
3511430	16	10:00	.310	76	68	0	8.2	7.5			20	2.03					DJ
3511740	17	8:30	.380	74	52	0	7.8	7.2			20	2.2		7,368			ES/DJ
3512120	18	8:20	.350	74	50	0	8.0	7.2			20	2.2					ES/DJ
3512470	19	8:20	.310	74	50	0	7.9	7.3			20	0.5	10 FT.	44,208			ES/DJ
3512790	20	8:20	.310	73	52	0	7.7	7.1			20	2.1	10 FT.	44,208			ES/DJ
3513090	21	8:25	.330	74	58	0.0	8.1	7.2			25	2.2	8 FT.	44,208			ES/DJ
3513420	22	9:10	.390	75	68	0.0	7.9	7.0			25	2.0					AJS
3513810	23	0:75	.350	74	59	0	8.0	7.1			25	1.8					AJS
3514160	24	8:15	.340	73	40	0	8.5	7.4			25	2.2	8 FT.	29,472			ES/DJ
3514500	25	8:25	.320	73	44	0	8.1	7.1			25	2.2					ES/DJ
3514820	26	8:25	.310	73	44	0	7.9	7.1			25	2.2		29,472			ES/DJ
3515130	27	8:20	.320	74	48	0	7.8	7.2			25	2.2					ES
3515450	28	8:15	.340	74	58	0.3	7.9	7.1			25	2.2					ES/DJ
3515790	29	8:30	.370	77	70	0.1	7.8	7.2			25	0.7					AJS
3516160	30	8:30	.360	76	76	0	8.0	7.9			25	0.7					AJS
3516520	31	8:20	.370	74	56	0	7.8	7.3			25	0.5	9 FT.	29,472			ES/DJ
		10.66				3.0		224			695	53.6 TOTAL					
		31						31			31	31		550,262		44,208	
		.343						7.2			22.4	1.7					

Attachment 21

Bob Nixon

From: "Jim Hewitt" <jimh@itstelecom.net>
To: "Bob Nixon (E-mail)" <rnixon@cjnw.net>
Cc: "Jeff Leslie" <jeffl@itstelecom.net>; "Jim Hewitt" <jimh@itstelecom.net>; "Mike Abramson" <mikea@itstelecom.net>
Sent: **Wednesday,** February 23, 2005 3:33 PM
Subject: Re: Item # 14

Bob,
Our chlorine usage is based on our furthest remote sample points in our system. As flows decrease in a system, the demand for chlorine increases at the remote points. Due to DEP requirements, we are to maintain a 0.2 mg/l reading at these locations. Operators at the plant use their judgment on a daily bases to raise or lower the chlorine feed rates to achieve the required chlorine residuals at remote points, as far away as, two miles from the plant.

JIm