



Florida Department of Environmental Protection

Northwest District
160 Governmental Center
Pensacola, Florida 32502-5794

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

May 27, 2010

BY ELECTRONIC MAIL

jlittrell@co.okaloosa.fl.us

Okaloosa County Water and Sewer Department
by: Jeff Littrell, Director
1804 Lewis Turner Blvd, Suite 300
Fort Walton Beach, Florida 32547

Bob Sikes WRF
Permit No.: FLA010181
File No. FLA010181-006-DW1P/NR
Renew Facility Operating Permit

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number FLA010181 to operate the Bob Sikes Water Reclamation Facility, issued under Chapter 403, Florida Statutes.

Monitoring requirements under this permit are effective July 1, 2010. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any.

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, Florida Statutes, within fourteen days of receipt of notice. 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, 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.

Under Rule 62-110.106(4), Florida Administrative Code, a person may request an extension of the time for filing a petition for an administrative hearing. The request must be filed (received by the Clerk) in the Office of General Counsel before the end of the time period for filing a petition for an administrative hearing.

Petitions by the applicant or any of the persons 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), 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. Section 120.60(3), Florida Statutes, however, also allows that

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 an extension of time within fourteen days of receipt of notice shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, 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, Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information, as indicated in Rule 28-106.201, Florida Administrative Code:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the determination;
- (c) A statement of when and how the petitioner received notice of the Department's decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the Department's proposed action;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's proposed action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's proposed action.

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.

Mediation under Section 120.573, Florida Statutes, is not available for this proceeding.

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

Any party to the permit has the right to seek judicial review of the permit action under Section 120.68, Florida Statutes, by the filing of a notice of appeal under Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, 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 this permit action is filed with the Clerk of the Department.

Executed in Pensacola, Florida.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

 William A. Evans Fol

David P. Morres, P.E.
Program Administrator Water Facilities

FILING AND ACKNOWLEDGMENT

FILED, on this date, under Section 120.52, Florida Statutes, with the designated deputy clerk, receipt of which is hereby acknowledged.

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were sent electronically.



Name

May 27, 2010

Date

Enclosures:

Permit, File No. FLA010181-006-DW1P/NR

Statement of Basis, File No. FLA010181-006-DW1P/NR

c:

Neal Rogers, P.E., Constantine Engineering, Inc. (nr Rogers@tcgeng.com)

Mark J. Wise, P.E., Engineering Manager, OCWS (mwise@co.okaloosa.fl.us)

Robert Mauzy, Wastewater Operations Manager, OCWS (rmauzy@co.okaloosa.fl.us)

Okaloosa County Administrator, James D. Curry (managerinfo@co.okaloosa.fl.us)

Environmental Health Director, Okaloosa County Public Health Depart

(Jack_Andrews@doh.state.fl.us)

NWFWMD, Division of Resource Management, (Attn: Chief Bureau of Environment &

Resource Planning - Duncan J. Cairns) (duncan.cairns@nwfwmd.state.fl.us)

Elsa Potts, FDEP Tallahassee

Toni Edwards, FDEP Pensacola



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Pensacola, Florida 32502-5794

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STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Okaloosa County Water and Sewer Department

RESPONSIBLE OFFICIAL:

Mr. Jeff Littrell, Director
1804 Lewis Turner Blvd, Ste 300
Fort Walton Beach, Florida 32547-1285

PERMIT NUMBER: FLA010181-006

FILE NUMBER: FLA010181-006-DW1P/NR

ISSUANCE DATE: May 27, 2010

EXPIRATION DATE: May 26, 2015

FACILITY:

Bob Sikes WRF
5581 Fairchild Rd
Crestview, Florida 32539-6191
Okaloosa County
Latitude: 30°46' 43.06" N Longitude: 86°30' 55.94" W

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

This permit authorizes completion of construction of ten new absorption beds to increase the capacity of the absorption bed system from 0.300 to 1.117 MGD annual average daily flow (AADF) and installation of new ground water monitoring wells as authorized by permit revision file number FLA010181-005-DW1P issued on November 16, 2009.

WASTEWATER TREATMENT:

The treatment plant is a 1.0 MGD annual average daily flow (AADF) design capacity, membrane bio-reactor (MBR) wastewater reclamation facility (WRF). The treatment system consists of a headworks with screening, grit removal; peak flow by-pass facilities; a membrane bio-reactor (MBR) treatment process with aeration and anoxic basins; chlorine disinfection; effluent pump station; aerobic sludge digesters and holding tank; and an onsite generator. Treatment facilities include: A 2.5 MGD capacity two-train headworks, each train with a rotary drum screen, a grit removal system, a peak flow bypass pump and a common flow splitter box; a 0.5 MGD lined peak flow storage pond; a three-train MBR, each train with two anoxic basins with a total capacity of 60,223-gallons, two aeration basins with a total capacity of 248,000-gallons, two membrane filters with a total area of 97,920sq ft; two 60,764-gallon chlorine contact basins; two effluent pump stations, one after each chlorine contact basin; two aerobic digesters with the combined capacity of 44,990-gallons; and two sludge holding tanks with the combined capacity of 44,140-gallons. Sludge is transported to the Arbennie-Pritchett WRF for further treatment and reclaimed water is pumped to an absorption field system for reuse.

Additional improvements include installation of a surveillance system that will be linked via an auto dialer and via a fiber optic network to the Arbennie Pritchett WRF (APWRF), permit number FLA485942; APWRF is staffed 24 hours/day, 7 days/week by a Class C operator. Tank high-level alarms are monitored via an auto dialer that alerts the APWRF control room and all treatment system alarms will be monitored via the fiber optic network at a dedicated workstation at the APWRF.

The treatment plant is flow limited to a permitted capacity of 0.300 MGD AADF until completion of construction of the absorption bed expansion and approval by the Department to operate at a permitted capacity of 1.0 MGD AADF.

REUSE OR DISPOSAL:

Land Application R-003: An existing 0.300 MGD annual average daily flow (AADF) capacity absorption bed field system with an approved expansion to a 1.117 MGD capacity. R-003 is a Part IV Reuse System and following construction of the new absorption beds it will consist of sixteen absorption bed fields (ABF) with a total area of 32.1 acres with a total capacity of 1.117 MGD. The land application system is located at approximately at latitude 30°45'52.1" N, longitude 86°31'09.4" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements, and other conditions set forth in this cover sheet and Part I through Part IX on pages 3 through 17 of this permit.

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-003. R-003 is flow limited to 0.300 MGD AADF until completion of the absorption bed expansion; then the permitted capacity will be 1.117 MGD. The monitoring requirements for 'Frequency of Analysis' and 'Sample Type' differ based on the permitted capacity. The reclaimed water shall be limited and monitored as specified below and reported in accordance with condition I.B.7:

a. The following limits and monitoring requirements apply when R-003 is at a permitted capacity of 0.300 MGD:

Parameter	Units	Max. /Min	Reclaimed Water Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Site Number	
Flow, Total to Absorption Beds	MGD	Max Max	0.300 Report	Annual Average Monthly Average	Daily 5/wk	Recording Flow Meter with Totalizer	FLW-02	See I.A.4
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 40.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Every two weeks	8-hr FPC	EFF-02	
Solids, Total Suspended	mg/L	Max	10.0	Single Sample	Every two weeks	8-hr FPC	EFF-02	
Coliform, Fecal	#/100 mL	Max Max Max	200 200 800	Annual Average Monthly Geo Mean Single Sample	Every two weeks	Grab	EFF-02	See I.A.5
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	Daily 5/wk	Grab	EFF-02	See I.A.3
Chlorine, Total Residual CCC#1 (for disinfection)	mg/L	Min	0.5	Single Sample	Daily 5/wk	Grab	EFA-02A	See I.A.3 and I.A.6
Chlorine, Total Residual CCC#2 (for disinfection)	mg/L	Min	0.5	Single Sample	Daily 5/wk	Grab	EFA-02B	See I.A.3 and I.A.6
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	Every two weeks	8-hr FPC	EFF-02	

b. The following limits and monitoring requirements apply when R-003 is at a permitted capacity of 1.117 MGD:

Parameter	Units	Max. /Min	Reclaimed Water Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Site Number	
Flow, Total to Absorption Beds	MGD	Max Max	1.117 Report	Annual Average Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-02	See I.A.4
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 40.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Weekly	16-hr FPC	EFF-02	
Solids, Total Suspended	mg/L	Max	10.0	Single Sample	Weekly	16-hr FPC	EFF-02	
Coliform, Fecal	#/100 mL	Max Max Max	200 200 800	Annual Average Monthly Geo Mean Single Sample	Weekly	Grab	EFF-02	See I.A.5
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	Continuous	Meter	EFF-02	See I.A.3
Chlorine, Total Residual CCC#1 (for disinfection)	mg/L	Min	0.5	Single Sample	Continuous	Meter	EFA-02A	See I.A.3 and I.A.6
Chlorine, Total Residual CCC#2 (for disinfection)	mg/L	Min	0.5	Single Sample	Continuous	Meter	EFA-02B	See I.A.3 and I.A.6
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	Weekly	16-hr FPC	EFF-02	

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

Monitoring Site	Description of Monitoring Site
FLW-02	Total flow to absorption bed system; sum of flow meter to existing absorption beds and flow meter to absorption bed expansion.
EFF-02	Effluent Pump Station
EFA-02A	Chlorine Contact Chamber 1 just before the discharge weir (CCC #1)
EFA-02B	Chlorine Contact Chamber 2 just before the discharge weir (CCC #2)

- Hourly measurement of pH and total residual chlorine for disinfection during the period of required operator attendance may be substituted for continuous measurement. *[Chapter 62-601, Figure 2]*
- A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. *[62-601.200(17) and .500(6)]*
- The effluent limitation for the monthly geometric mean for fecal coliform is only applicable if 10 or more values are reported. If fewer than 10 values are reported, the monthly geometric mean shall be calculated and reported on the Discharge Monitoring Report. *[62-600.440(4)(c)]*
- Total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. *[62-610.510, 62-600.440(4)(b) and (5)(b)]*

B. Other Limitations and Monitoring and Reporting Requirements

- 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. The treatment facilities are flow limited to 0.300 MGD AADF until following completion of the absorption bed expansion; then the permitted capacity will be 1.0 MGD. The monitoring requirements for ‘Frequency of Analysis’ and ‘Sample Type’ differ based on the permitted capacity. The facilities shall be limited and monitored as specified below and reported in accordance with condition I.B.7:

- The following limits and monitoring requirements apply when the treatment plant is at a permitted capacity of 0.300 MGD:

Parameter	Units	Max/Min	Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site	
Flow, thru treatment plant	MGD	Max Max Max	0.300 Report Report	Annual Average Monthly Average Quarterly Average	Daily 5/wk	Recording Flow Meter with Totalizer	FLW-01	See I.B.4
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	Monthly	Calculated	CAL-01	
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	Every two weeks	8-hr FPC	INF-01	See I.B.3
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	Every two weeks	8-hr FPC	INF-01	See I.B.3

- The following limits and monitoring requirements apply when the treatment plant is at a permitted capacity of 1.0 MGD:

Parameter	Units	Max/Min	Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site	
Flow, thru treatment plant	MGD	Max Max Max	1.0 Report Report	Annual Average Monthly Average Quarterly Average	Continuous	Recording Flow Meter with Totalizer	FLW-01	See I.B.4
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	Monthly	Calculated	CAL-01	
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	Weekly	16-hr FPC	INF-01	See I.B.3
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	Weekly	16-hr FPC	INF-01	See I.B.3

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

Monitoring Site	Description of Monitoring Site
FLW-01	In-line magnetic flow meter on influent line to headworks
CAL-01	Calculated value for percent capacity
INF-01	Influent Pump Station

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-601.500(4)]
4. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. [62-601.200(17) and .500(6)]
5. The sample collection, analytical test methods and method detection limits (MDLs) applicable to this permit shall be conducted using a sufficiently sensitive method to ensure compliance with applicable water quality standards and effluent limitations and shall be in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate. The list of Department established analytical methods, and corresponding MDLs (method detection limits) and PQLs (practical quantitation limits), which is titled "FAC 62-4 MDL/PQL Table (April 26, 2006)" is available at <http://www.dep.state.fl.us/labs/library/index.htm>. The MDLs and PQLs as described in this list shall constitute the minimum acceptable MDL/PQL values and the Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those described above unless alternate MDLs and/or PQLs have been specifically approved by the Department for this permit. Any method included in the list may be used for reporting as long as it meets the following requirements:
- The laboratory's reported MDL and PQL values for the particular method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;
 - The laboratory reported MDL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide an MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and
 - If the MDLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated MDL shall be used.

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

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

6. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5)]
7. Monitoring requirements under this permit are effective on July 1, 2010. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e. monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

Report Type on DMR	Monitoring Period	Due Date
Monthly or Toxicity	first day of month - last day of month	28 th day of following month
Quarterly	January 1 - March 31	April 28
	April 1 - June 30	July 28
	July 1 - September 30	October 28
	October 1 - December 31	January 28
Semiannual	January 1 - June 30	July 28
	July 1 - December 30	January 28
Annual	January 1 - December 31	January 28

DMRs shall be submitted for each required monitoring period including months of no discharge. 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 Compliance Evaluation Section, Mail Station 3551
Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

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

8. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., (except for asbestos, color, odor, and corrosivity). These monitoring results shall be reported to the Department annually on the DMR. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted 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 Northwest District Office by June 28 of each year. Approved analytical methods identified in Rule 62-620.100(3)(j), F.A.C., shall be used for the analysis. If no method is included for a parameter, methods specified in Chapter 62-550, F.A.C., shall be used. *[62-601.300(4)][62-601.500(3)][62-610.300(4)]*
9. The permittee shall submit an Annual Reuse Report using DEP Form 62-610.300(4)(a)2. on or before January 1 of each year. *[62-610.870(3)]*
10. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Northwest District Office at the address specified below:

Florida Department of Environmental Protection Northwest District Office
160 Governmental Center, Suite 308
Pensacola, Florida 32502-5794

Phone Number - (850)595-8300

FAX Number - (850)595-8393

(All FAX copies and e-mails shall be followed by original copies.)

[62-620.305]

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

II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is transport to Arbennie-Pritchett WRF or disposal in a Class I or II solid waste landfill. Transportation of the residuals to an alternative residuals management facility does not require a permit modification. However, use of an alternative residuals management facility requires the submittal of a copy of the agreement pursuant to Rule 62-640.880(1)(c), F.A.C., along with a written notification to the Department at least 30 days before transport of the residuals. *[62-620.320(6),62-640.880(1)]*
2. The permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. *[62-640.300(5)]*
3. The permittee shall not be held responsible for treatment, management, use, or land application violations that occur after its residuals have been accepted by a permitted residuals management facility with which the source facility has an agreement in accordance with Rule 62-640.880(1)(c), F.A.C., for further treatment, management, use or land application. *[62-640.300(5)]*

4. Disposal of residuals, septage, and other solids in a solid waste disposal facility, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with the requirements of Chapter 62-701, F.A.C. [62-640.100(6)(k)3&4]
5. If the permittee intends to accept residuals from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. [62-640.880(2)(d)]
6. The permittee shall keep hauling records to track the transport of residuals between facilities. The hauling records shall contain the following information:

Source Facility	Residuals Management Facility or Treatment Facility
1. Date and Time Shipped	1. Date and Time Received
2. Amount of Residuals Shipped	2. Amount of Residuals Received
3. Degree of Treatment (if applicable)	3. Name and ID Number of Source Facility
4. Name and ID Number of Residuals	4. Signature of Hauler
Management Facility or Treatment Facility	5. Signature of Responsible Party at Residuals
5. Signature of Responsible Party at Source Facility	Management Facility or Treatment Facility
6. Signature of Hauler and Name of Hauling Firm	

These records shall be kept for five years and shall be made available for inspection upon request by the Department. A copy of the hauling records information maintained by the source facility shall be provided upon delivery of the residuals to the residuals management facility or treatment facility. The permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of residuals leaving the source facility and arriving at the residuals management facility or treatment facility.

[62-640.880(4)]

7. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department. [62-640.300(4)]

III. GROUND WATER REQUIREMENTS

1. The permittee shall give at least 72-hours notice to the Department's Northwest District Office, prior to the installation of any monitoring wells. [62-620.320(6)]
2. Prior to construction of ground water monitoring wells, a soil boring shall be made at each monitoring well location in order to properly determine the well depth and screen interval. [62-520.900(2)]
3. Within 30 days after installation of a monitoring well, the permittee shall submit to the Department's Northwest District Office detailed information on the well's location and construction on DEP Form 62-520.900(3), Monitor Well Completion Report. [62-532.410 and 62-520.900(2)]
4. All piezometers and monitoring wells not part of the approved ground water monitoring plan are to be plugged and abandoned in accordance with Rule 62-532.500(4), F.A.C., unless future use is intended. [62-532.500(4)]
5. For the Part IV land application system(s), all ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. The zone of discharge for Land Application Site R-003 shall extend horizontally 100 feet from the application site and vertically to the base of the surficial aquifer. [62-520.200(26)] [62-520.465]
6. During the period of operation authorized by this permit, the permittee shall continue to sample ground water at the monitoring wells identified in Permit Condition III.7, below, in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-520.600, F.A.C. The permittee shall continue monitoring these existing wells until abandonment is required due to construction of the absorption bed expansion. [62-520.600][62-610.510]

7. The following monitoring wells shall be sampled for Reuse System R-003 located at the existing Absorption Bed Field system.

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	Latitude			Longitude			Depth (Feet)	Aquifer Monitored	New or Existing
		°	'	"	°	'	"			
MWB-07	Northeast of existing Absorption Bed Field	30	45	53	86	30	59	43	Surficial	Existing
MWB-08	Northwest of existing Absorption Bed Field	30	45	53	86	31	05	43	Surficial	Existing
MWI-09	Center of existing Absorption Bed Field	30	46	43	86	30	56	49	Surficial	Existing
MWC-10	South of existing Absorption Bed Field	30	45	43	86	31	05	44	Surficial	Existing
MWC-11	Southeast of existing Absorption Bed Field	30	45	42	86	30	59	46	Surficial	Existing

MWC = Compliance; MWB = Background; MWI = Intermediate; MWP = Piezometer; tbd = to be determined
 [62-520.600] [62-610.510]

8. The monitoring wells identified in Permit Condition III.9, shall be installed and sampled prior to discharging to the new, expanded section of the Absorption Bed Field. The permittee shall continue to sample the ground water at these monitoring wells during the period of operation authorized by this permit in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-520.600, F.A.C. [62-520.600] [62-610.412] [62-610.510]

9. The following monitoring wells shall be sampled for expanded Reuse System R-003 located at the expanded Absorption Bed Field system.

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	Latitude			Longitude			Depth (Feet)	Aquifer Monitored	New or Existing
		°	'	"	°	'	"			
MWC-12	Northeast of expanded Absorption Bed Field	30	45	55	86	30	59	tbd	Surficial	New
MWC-13	West of expanded Absorption Bed Field	30	45	58	86	31	20	tbd	Surficial	New
MWC-14	South of expanded Absorption Bed Field	30	45	40	86	31	04	tbd	Surficial	New
MWB-15	Northwest of expanded Absorption Bed Field (PZ-1)	30	46	4	86	31	18	tbd	Surficial	New

MWC = Compliance; MWB = Background; MWI = Intermediate; MWP = Piezometer; tbd = to be determined
 [62-520.600] [62-610.510]

10. The following parameters shall be analyzed for each monitoring well identified in Permit Condition III.7 and III.9. Results shall be reported on the permittee's Discharge Monitoring Report in accordance with Condition I.B.7.:

Parameter	Compliance Well Limit	Units	Sample Type	Monitoring Frequency
Water Level Relative to NAVD	Report	ft	In Situ	Quarterly
Nitrogen, Nitrate, Total (as N)	10	mg/L	Grab	Quarterly
Solids, Total Dissolved (TDS)	500	mg/L	Grab	Quarterly
Arsenic, Total Recoverable	10	ug/L	Grab	Quarterly
Chloride (as Cl)	250	mg/L	Grab	Quarterly
Cadmium, Total Recoverable	5	ug/L	Grab	Quarterly
Chromium, Total Recoverable	100	ug/L	Grab	Quarterly
Lead, Total Recoverable	15	ug/L	Grab	Quarterly
Coliform, Fecal	4	#/100mL	Grab	Quarterly
pH	6.5-8.5	s.u.	In Situ	Quarterly
Sulfate, Total	250	mg/L	Grab	Quarterly
Turbidity	Report	NTU	Grab	Quarterly

[62-520.600(11)(b)] [62-601.300(3), 62-601.700, and Figure 3 of 62-601] [62-601.300(6)] [62-520.310(5)]

11. Water levels shall be recorded before evacuating each well for sample collection. Elevation references shall include the top of the well casing and land surface at each well site (NAVD allowable) at a precision of plus or minus 0.01 foot. [62-520.600(11)(c)] [62-610.510(3)(b)]
12. Ground water monitoring wells shall be purged prior to sampling to obtain representative samples. [62-160.210] [62-601.700(5)]
13. Analyses shall be conducted on unfiltered samples, unless filtered samples have been approved by the Department's Northwest District Office as being more representative of ground water conditions. [62-520.310(5)]

14. Ground water monitoring test results shall be submitted on Part D of Form 62-620.910(10) in accordance with Permit Condition I.B.7. *[62-520.600(11)(b)] [62-601.300(3), 62.601.700, and Figure 3 of 62-601] [62-620.610(18)]*
15. If any monitoring well becomes damaged or inoperable, the permittee shall notify the Department's Northwest District Office immediately and a detailed written report shall follow within seven days. The written report shall detail what problem has occurred and remedial measures that have been taken to prevent recurrence. All monitoring well design and replacement shall be approved by the Department's Northwest District Office prior to installation. *[62-520.600] [62-620.320(6)]*
16. During the period beginning on the issuance date and lasting through the expiration date of this permit, the following surface water monitoring site shall be sampled in accordance with the monitoring frequencies specified in Permit Condition III.16 for Reuse System R-003. The monitoring site location is shown on the attached Surface Water Monitoring Site Map: *[62-610.417(2), FAC]*

Monitoring Site ID	Alternate Name and/or Description of Monitoring Location/Water Body
SWA-1	Surface water site S-1; Woods Creek south of absorption bed system.

17. During the period of operation authorized by this permit, the permittee shall analyze the following parameters for each of the surface water monitoring sites identified in Permit Condition III.15:

Parameters (units)	Monitoring Frequency	Sample Type	Limit
Temperature, Water (Deg F)	Quarterly	Grab	Report
Dissolved Oxygen (DO) (mg/L)	Quarterly	Grab	Report
Specific Conductance (µmhos/cm)	Quarterly	Grab	Report
Nitrogen, Total (mg/L)	Quarterly	Grab	Report
Phosphorus, Total (as P) (mg/L)	Quarterly	Grab	Report
Nitrogen, Nitrate, Total (as N)	Quarterly	Grab	Report
pH (SU)	Quarterly	Grab	Report
Phosphate, Ortho (as P)	Quarterly	Grab	Report
Stream Condition Index (SCI)*	Bi-annually	Grab	Report

*SCI shall be monitored once every two years during the month of June, July or August, starting in 2010.

18. The permittee shall submit the results of the surface water monitoring with the permittee's Discharge Monitoring Report pursuant to condition I.B.7.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

A. Part IV Absorption Field System(s)

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. *[62-610.518]*
2. The permittee may allow public access to the absorption field sites. *[62-610.518]*
3. The absorption field shall be operated to preclude saturated conditions from developing at the ground surface. *[62-610.500(2)]*
4. The maximum annual average loading rate to the Part IV Absorption Beds at Crestview Airport shall be limited to 2 inches per day (as applied to the entire bottom area of the absorption field trenches or spreading areas). *[62-610.523(3)]*
5. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. *[62-610.414 and 62-610.514]*
6. Overflows from absorption fields or from emergency discharge facilities on storage ponds shall be reported as abnormal events in accordance with Permit Condition IX.20. *[62-610.800(9)]*

V. OPERATION AND MAINTENANCE REQUIREMENTS

A. Staffing Requirements

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of a(n) operator(s) certified in accordance with Chapter 62-602, F.A.C. Following installation of an electronic surveillance system that is monitored at the Arbennie Pritchett WRF, FLA485942, 24 hrs/day 7 days/wk and upon approval by the Department staffing may be reduced as indicated below. In accordance with Chapter 62-699, F.A.C., at a minimum, operators with appropriate certification must be on the site as follows:

At a permitted capacity of 1.0 MGD the facility is a Category I, Class B facility and shall be staffed at a minimum as follows:

A Class C or higher operator 16 hours/day for 7 days/week. The lead/chief operator must be a Class B operator, or higher. [62-699.311(2)(a)1]

When monitored by an approved electronic surveillance system, the facility may be staffed as follows:

A Class C or higher operator 8 hours/day for 7 days/week with the 8 hours/day of staffing occurring during the 8-hour period of greatest influent flow or water production. The lead/chief operator must be a Class B operator, or higher. [62-699.311(4)(a)2]

At a permitted capacity of 1.0 MGD and when the actual treatment plant influent flow is 0.500 MGD or less the facility is a Category I, Class B facility, however, staffing may be reduced to a minimum as follows:

A Class C or higher operator 6 hours/day for 5 days/week and one visit on each weekend day. The lead/chief operator must be a Class B operator, or higher. [62-699.311(2)(a)1 and 62-699.311(8)(a)and (b)]

At the permitted capacity of 0.300 MGD the facility is a Category I, Class C facility and shall be staffed at a minimum as follows:

A Class C or higher operator 6 hours/day for 5 days/week and one visit on each weekend day. The lead/chief operator must be a Class C operator, or higher. [62-699.311(2)(a)1]

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

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

1. The permittee shall submit a capacity analysis report to the Department when the three-month average daily flow for the most recent three consecutive months exceeds 50 percent of the permitted capacity of the treatment plant. This initial capacity analysis report shall be submitted within 180 days after the last day of the last month of the three-month period referenced above. The capacity analysis report shall be prepared in accordance with Rule 62-600.405, F.A.C. [62-600.405(4)]
2. The permittee shall construct and have operational the permitted absorption bed expansion project not later than six months prior to the three-month average daily flow exceeding the existing 0.300 MGD absorption bed capacity. [62-600.405(8)(d), 62-600.405(9)]
3. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. [62-600.735(1)]

C. Recordkeeping Requirements

1. The permittee shall maintain the following records and make them available for inspection at the following address: on the site of the permitted facility.
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by 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;
 - d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
 - e. A copy of the current permit;
 - f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
 - g. A copy of any required 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 license number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities, including any preventive maintenance or repairs made or requested; results of tests performed and samples taken, unless documented on a laboratory sheet; and notation of any notification or reporting completed in accordance with Rule 62-602.650(3), F.A.C. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350, 62-602.650]

VI. SCHEDULES

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 Wastewater Facilities or Activities. *[62-620.410(7)]*
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, F.A.C., and that an operation and maintenance manual pursuant to Chapters 62-600 and 62-610, F.A.C., as applicable, are available at the location specified on the form. *[62-620.410(6) and 62-620.630(7)]*
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 no later than one-hundred and eighty days (180) prior to the expiration date of this permit. Application shall be made using the appropriate forms listed in Rule 62-620.910, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C. *[62-620.335(1) and (2)]*

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

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

VIII. OTHER SPECIFIC CONDITIONS

1. In the event that the 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), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. *[62-600.410(8) and 62-640.400(6)]*
2. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. *[62-604.130(3)]*
3. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550] [62-620.610(20)]*
4. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in the wastewater temperature at the introduction of the treatment plant exceeding 40°C or otherwise inhibiting treatment; or
 - e. Which result in the presence of toxic gases, vapors, or fumes that may cause worker health and safety problems.*[62-604.130(5)]*
5. The treatment facility, storage ponds for Part II systems, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-610.518(1) and 62-600.400(2)(b)]*
6. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-701.300(1)(a)]*
7. Where required by Chapter 471 or Chapter 492, F.S., applicable portions of reports that must be submitted under this permit shall be signed and sealed by a professional engineer or a professional geologist, as appropriate. *[62-620.310(4)]*
8. The permittee shall provide verbal notice to the Department's Northwest District Office as soon as practical after discovery of a sinkhole or other karst feature within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department's Northwest District Office in a written report within 7 days of the sinkhole discovery. *[62-620.320(6)]*

9. The permittee shall provide adequate notice to the Department of the following:
 - a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C., if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

Adequate notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

[62-620.625(2)]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications, or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*
3. As provided in Subsection 403.087(6), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4)]*
5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*
6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6)]*
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*

9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

[62-620.610(9)]

10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, F.S., or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*
11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*
12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility or activity and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*
16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, F.A.C., and the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2), F.A.C., for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16)]*

17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
- a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.
- [62-620.610(17)]*
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246 and Chapters 62-160, 62-601, and 62-610, F.A.C., and 40 CFR 136, as appropriate.
- a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.
 - b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.
 - e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.
 - f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220, and 62-160.330, F.A.C.
- [62-620.610(18)]*
19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. *[62-620.610(19)]*
20. The permittee shall report to the Department's Northwest District Office any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- a. The following shall be included as information which must be reported within 24 hours under this condition:
 - (1) Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 - (2) Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 - (3) Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 - (4) Any unauthorized discharge to surface or ground waters.

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

[62-620.610(20)]

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

22. Bypass Provisions.

- a. "Bypass" means the intentional diversion of waste streams from any portion of a treatment works.
- b. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 - (1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 - (2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 - (3) The permittee submitted notices as required under Permit Condition IX.22.b. of this permit.
- c. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX.20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
- d. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX.22.a.1. through 3. of this permit.
- e. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX.22.a. through c. of this permit.

[62-620.610(22)]

23. Upset Provisions.

- a. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based effluent limitations because of factors beyond the reasonable control of the permittee.
 - (1) An upset does not include noncompliance caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, careless or improper operation.
 - (2) An upset constitutes an affirmative defense to an action brought for noncompliance with technology based permit effluent limitations if the requirements of upset provisions of Rule 62-620.610, F.A.C., are met.
- b. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
 - (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
 - (2) The permitted facility was at the time being properly operated;
 - (3) The permittee submitted notice of the upset as required in Permit Condition IX.20. of this permit; and
 - (4) The permittee complied with any remedial measures required under Permit Condition IX.5. of this permit.
- c. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.
- d. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in Pensacola, Florida.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

 *William A. Evans* For

David Morres, P.E.
Program Administrator Water Facilities

DATE: May 27, 2010

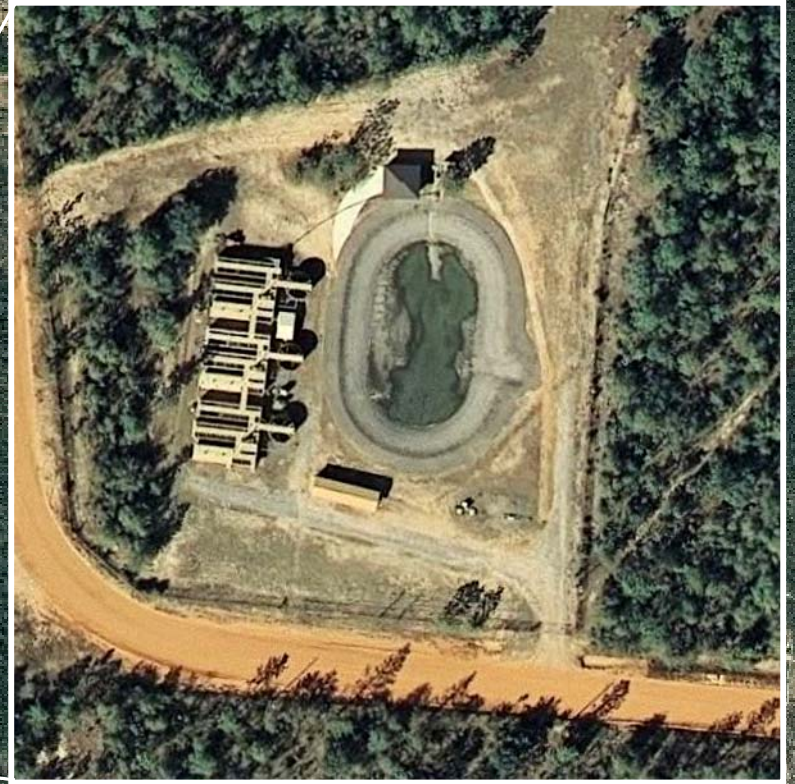
Attachment(s):

- WRF Location Map
- WRF Site Plan
- WRF Process Flow Diagram
- Absorption Bed Field, Ground & Surface Water Monitoring Sites
- DMR Parts A and B for R-003 (for permitted capacity 0.300 mgd only)
- DMR Part A for Ambient Surface Water Monitoring SWA-1
- DMR Part D for Groundwater Monitoring (existing wells 07-11 only)
- DMR Part A for Annual Reclaimed Water Analysis
- DMR Instructions

**Bob Sikes
Airport**

Bob Sikes WRF

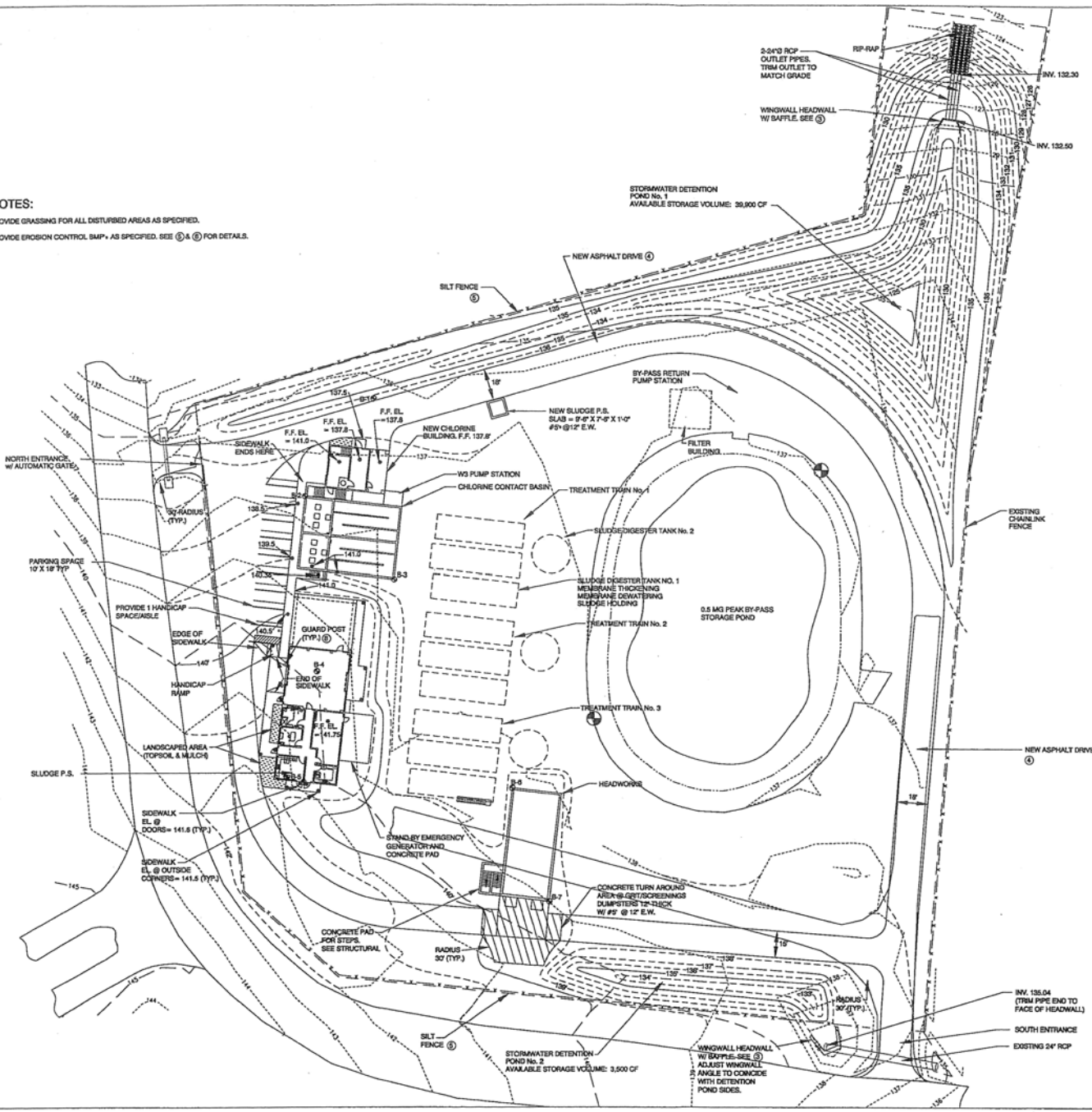
**Absorption
Bed
System**



**Bob Sikes WRF
FLA010181
Location Aerial**

NOTES:

1. PROVIDE GRASSING FOR ALL DISTURBED AREAS AS SPECIFIED.
2. PROVIDE EROSION CONTROL BMP+ AS SPECIFIED. SEE (A) & (B) FOR DETAILS.

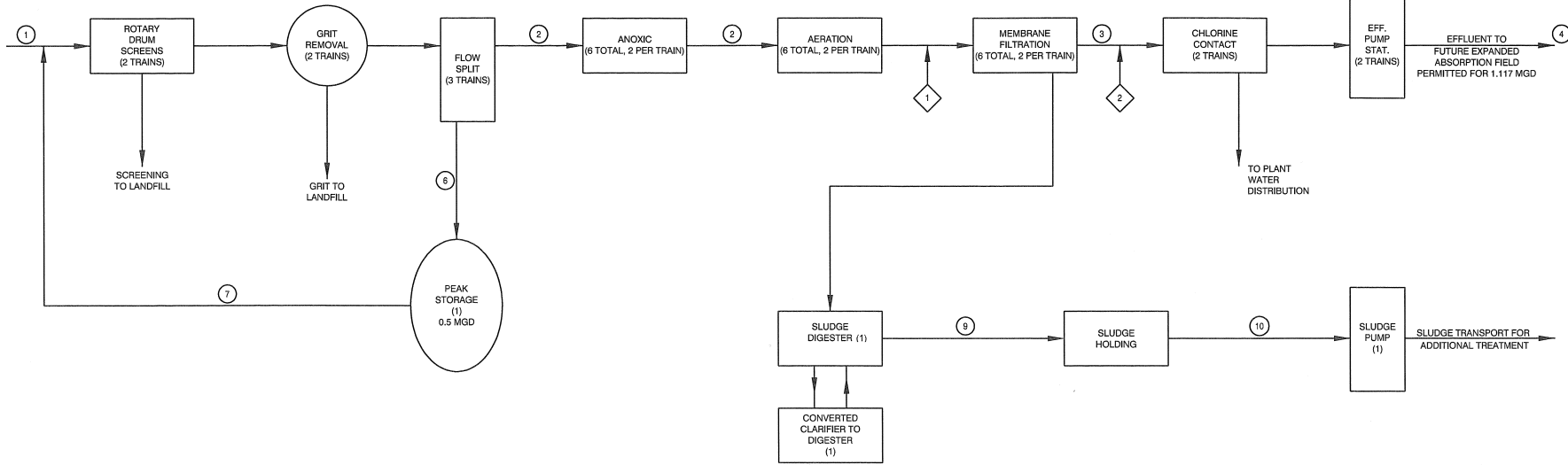


PROJECT NO.	100064
DRAWN BY	[Name]
CHECKED BY	[Name]
DATE	JUNE 2006
SCALE	AS SHOWN OR ORIGINAL UNLESS NOTED OTHERWISE
CHECKED BY	[Name]
DATE	JUNE 2006
CHECKED BY	[Name]
DATE	JUNE 2006
CHECKED BY	[Name]
DATE	JUNE 2006
CHECKED BY	[Name]
DATE	JUNE 2006

OVERALL SITE & GRADING PLAN
BOB SIKES WRF EXPANSION PROJECT

FILE	ISSFL-03-01-01C-01
VERIFY SCALE	BASED ON 1" = 30' ON ORIGINAL UNLESS NOTED OTHERWISE
DATE	JUNE 2006
PROJ.	100064
DWG.	C-1

File Name: Bob Sikes Sheet Flow Diagram.DWG Layout name: LUTITE File Path: C:\Documents and Settings\manned\Documents\clic\0007\Bob Sikes Flow Diagram File Date: Sep 16, 2009 - 8:02pm By: mronell



STREAM IDENTIFICATION	FLOW (MGD)		TSS(lb./day)		BOD(lb./day)	
	MMADF	PHF	MMADF	MMADF	MMADF	MMADF
1 RAW WASTEWATER	1	2.5	2,500	2,200		
2 PLANT INFLUENT	1	2.5	2,500	2,200		
3 MEMBRANE PERMEATE	1	2.5	41	41		
4 PLANT EFFLUENT	1	2.5	41	41		
5 PLANT RECYCLE	4	4	-	-		
6 PEAK BY-PASS	0	0	-	-		
7 PEAK RETURN	0	0	-	-		
8 WASTE SLUDGE	13 gpm	13 gpm	1750	-		
9 DIGESTED SLUDGE	5 GPM	5 GPM	1750	-		
10 SLUDGE HAULING	4,200 GPD	4,200 GPD	1750	-		

CHEMICAL FEED POINT LOCATIONS	AVERAGE ANNUAL		MAX CAPACITY(lb./day)
	LB./DAY	MG/L	LB./DAY
CS 1 \diamond MEMBRANE CLEANING	53	1000 MG/L	53
CCB CS 2 \diamond	50.0	6 MG/L	206

LEGEND

\diamond CHEMICAL FEED POINT

\circ STREAM IDENTIFICATION No.

\rightarrow NORMAL STREAM ROUTE

CS CHEMICAL SOLUTION

ENGINEER SEAL

DESIGNED BY:	JWC
CHECKED BY:	JWC
DATE:	SEP 16, 2009
SCALE:	AS SHOWN

PROCESS FLOW / MASS BALANCE
FUTURE 1.0 MGD FACILITY

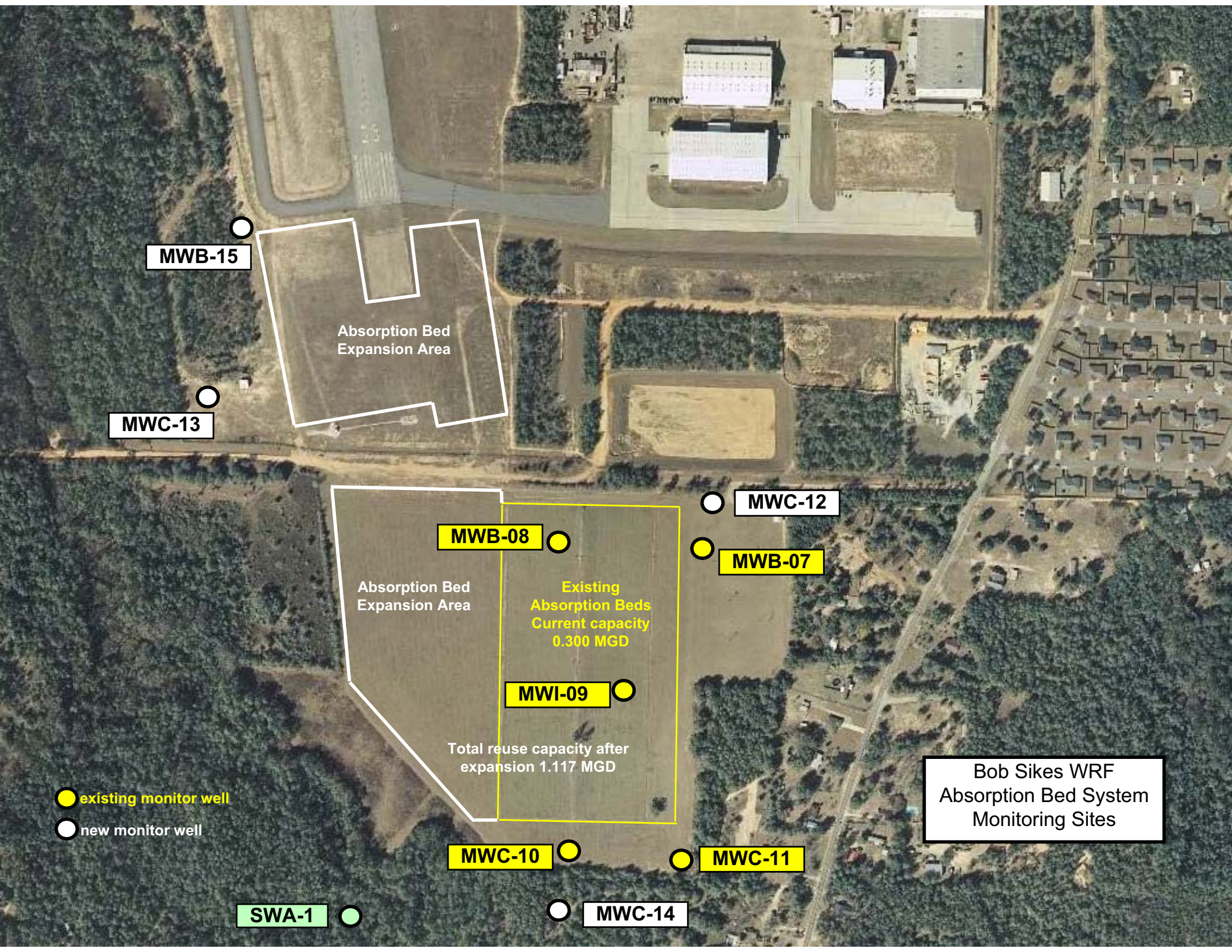
BOB SIKES WRF EXPANSION PROJECT

Constantine
Engineering

CONSTANTINE ENGINEERING
1300 LEWIS TURNER BLVD., SUITE B
ST. LOUIS, MISSOURI 63104
P.L. CERTIFICATE OF AUTHORIZATION #0185

FILE: Bob Sikes Flow Diagram
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING
DATE: SEPTEMBER, 2009
PROJ.: 100100.27
DWG.

REUSE OF DOCUMENTS: THIS DOCUMENT AND THE DATA AND DESIGN INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF CONSTANTINE ENGINEERING. HOWEVER, THIS SHALL NOT PROHIBIT THE REUSE OF THIS DOCUMENT BY THE CLIENT AS PROVIDED FOR BY THE CONTRACT.



MWB-15

Absorption Bed Expansion Area

MWC-13

MWB-08

Absorption Bed Expansion Area

Existing Absorption Beds Current capacity 0.300 MGD

MWC-12

MWB-07

MWI-09

Total reuse capacity after expansion 1.117 MGD

MWC-10

MWC-11

SWA-1

MWC-14

Bob Sikes WRF Absorption Bed System Monitoring Sites

- existing monitor well
- new monitor well

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME:	Okaloosa County Water and Sewer Department	PERMIT NUMBER:	FLA010181		
MAILING ADDRESS:	1804 Lewis Turner Blvd Ste 300 Fort Walton Beach, Florida 32547-1285	PA FILE NUMBER:	FLA010181-006-DW1P/NR		
		LIMIT:	Final	REPORT FREQUENCY:	Monthly
		CLASS SIZE:	N/A	PROGRAM:	Domestic
FACILITY:	Bob Sikes WRF	MONITORING GROUP NUMBER:	R-003		
LOCATION:	5581 Fairchild Rd Crestview, Florida 32539-6191	MONITORING GROUP DESCRIPTION:	Part IV Absorption Field at Crestview Airport, with Influent		
COUNTY:	Okaloosa	RE-SUBMITTED DMR:	<input type="checkbox"/>		
OFFICE:	Northwest District	NO DISCHARGE FROM SITE:	<input type="checkbox"/>		
		MONITORING PERIOD	From: _____	To: _____	

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow, total to absorption beds	Sample Measurement										
PARM Code 50050 Y Mon. Site No. FLW-02	Permit Requirement		0.300 (An.Avg.)	MGD						5 Days/Week	Flow Totalizer
Flow, total to absorption beds	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-02	Permit Requirement		Report (Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon. Site No. EFF-02	Permit Requirement					20.0 (An.Avg.)		mg/L		Bi-weekly; every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 1 Mon. Site No. EFF-02	Permit Requirement				60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 1 Mon. Site No. EFF-02	Permit Requirement						10.0 (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC
Nitrogen, Nitrate, Total (as N)	Sample Measurement										
PARM Code 00620 1 Mon. Site No. EFF-02	Permit Requirement						12.0 (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bob Sikes WRF

MONITORING GROUP NUMBER: R-003

PERMIT NUMBER: FLA010181-006-DW1P

MONITORING PERIOD From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement									
PARM Code 74055 Y Mon. Site No. EFF-02	Permit Requirement				200 (An.Avg.)		#/100mL		Bi-weekly; every 2 weeks	Grab
Coliform, Fecal	Sample Measurement									
PARM Code 74055 1 Mon. Site No. EFF-02	Permit Requirement				Report (Mo.Geo.Mn.)	800 (Max.)	#/100mL		Bi-weekly; every 2 weeks	Grab
pH	Sample Measurement									
PARM Code 00400 1 Mon. Site No. EFF-02	Permit Requirement				6.0 (Min.)	8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual Chlorine Contact Chamber #1	Sample Measurement									
PARM Code 50060 A Mon. Site No. EFA-02A	Permit Requirement				0.5 (Min.)		mg/L		5 Days/Week	Grab
Chlorine, Total Residual Chlorine Contact Chamber #2	Sample Measurement									
PARM Code 50060 Q Mon. Site No. EFA-02B	Permit Requirement				0.5 (Min.)		mg/L		5 Days/Week	Grab
Flow, thru treatment plant	Sample Measurement									
PARM Code 50050 Q Mon. Site No. FLW-01	Permit Requirement		0.300 (An.Avg.)	MGD					5 Days/Week	Flow Totalizer
Flow, thru treatment plant	Sample Measurement									
PARM Code 50050 R Mon. Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	Report (Qt.Avg.)	MGD					5 Days/Week	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement									
PARM Code 00180 P Mon. Site No. CAL-01	Permit Requirement					Report (Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement									
PARM Code 80082 Q Mon. Site No. INF-01	Permit Requirement					Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement									
PARM Code 00530 Q Mon. Site No. INF-01	Permit Requirement					Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010181-006-DW1P

Facility: Bob Sikes WRF

Monitoring Period From: _____ To: _____

	BOD, Carbonaceous 5 day, 20C mg/L	Solids, Total Suspended mg/L	Nitrogen, Nitrate, Total (as N) mg/L	pH Min s.u.	pH Max s.u.	Chlorine, Total Residual CCC #1 mg/L	Chlorine, Total Residual CCC #2 mg/L	Coliform, Fecal #/100mL	Flow to Absorption Beds MGD	Flow thru treatment plant MGD	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L
Code	80082	00530	00620	00400	00400	50060	50060	74055	50050	50050	80082	00530
Mon. Site	EFF-02	EFF-02	EFF-02	EFF-02	EFF-02	EFA-02A	EFA-02B	EFF-02	FLW-02	FLW-01	INF-01	INF-01
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
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20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
Total												
Mo. Avg.												

PLANT STAFFING:

Day Shift Operator	Class: _____	Certificate No: _____	Name: _____
Evening Shift Operator	Class: _____	Certificate No: _____	Name: _____
Night Shift Operator	Class: _____	Certificate No: _____	Name: _____
Lead Operator	Class: _____	Certificate No: _____	Name: _____

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Okaloosa County Water and Sewer Department
 MAILING ADDRESS: 1804 Lewis Turner Blvd Ste 300
 Fort Walton Beach, Florida 32547-1285
 FACILITY: Bob Sikes WRF
 LOCATION: 5581 Fairchild Rd
 Crestview, Florida 32539-6191
 COUNTY: Okaloosa
 OFFICE: Northwest District

PERMIT NUMBER: FLA010181
 PA FILE NUMBER: FLA010181-006-DW1P/NR
 LIMIT: Final
 MONITORING GROUP NUMBER: R-003
 MONITORING GROUP DESCRIPTION: Ambient Surface Water Monitoring
 RE-SUBMITTED DMR:
 SURFACE WATER LOCATION: SWA-1 Woods Creek southwest of Absorption Beds
 MONITORING PERIOD From: To:
 REPORT: Quarterly
 PROGRAM: Domestic

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Temperature (F), Water	Sample Measurement							
PARM Code 00011 P Mon. Site No. SWA-1	Permit Requirement			Report (Max.)	Deg F		Quarterly	Grab
pH	Sample Measurement							
PARM Code 00400 P Mon. Site No. SWA-1	Permit Requirement			Report (Min.)	s.u.		Quarterly	Grab
Specific Conductance	Sample Measurement							
PARM Code 00095 P Mon. Site No. SWA-1	Permit Requirement			Report (Max.)	umhos/cm		Quarterly	Grab
Oxygen, Dissolved (DO)	Sample Measurement							
PARM Code 00300 P Mon. Site No. SWA-1	Permit Requirement			Report (Min.)	mg/L		Quarterly	Grab
Nitrogen, Nitrate, Total (as NO3)	Sample Measurement							
PARM Code 71850 P Mon. Site No. SWA-1	Permit Requirement			Report (Max.)	mg/L		Quarterly	Grab
Nitrogen, Total (as N)	Sample Measurement							
PARM Code 00600 P Mon. Site No. SWA-1	Permit Requirement			Report (Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as P)	Sample Measurement							
PARM Code 70507 P Mon. Site No. SWA-1	Permit Requirement			Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P)	Sample Measurement							
PARM Code 00665 P Mon. Site No. SWA-1	Permit Requirement			Report (Max.)	mg/L		Quarterly	Grab
Stream Condition Index (SCI)	Sample Measurement							
PARM Code NA Mon. Site No. SWA-1	Permit Requirement			Report (Min.)	sci		Bi-annually; every two years	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (yy/mm/dd)

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

GROUNDWATER MONITORING REPORT - PART D

Facility Name: Bob Sikes WRF
 Permit Number: FLA010181-006-DW1P
 County: Okaloosa
 Office: Northwest District

Monitoring Well ID: MWB-07
 Well Type: Background
 Description: Northeast of existing Absorption Bed Field
 Re-submitted DMR:
 Report: Quarterly
 Program: Domestic

Monitoring Period From: _____ To: _____ Date Sample Obtained: _____

Time Sample Obtained: _____

Was the well purged before sampling? ___ Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Quarterly				
Chloride (as Cl)	00940		Report	mg/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Quarterly				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Quarterly				
Coliform, Fecal	74055		Report	#/100mL	Grab	Quarterly				
pH	00400		Report	s.u.	In Situ	Quarterly				
Sulfate, Total	00945		Report	mg/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

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NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (yy/mm/dd)

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUNDWATER MONITORING REPORT - PART D

Facility Name: Bob Sikes WRF
 Permit Number: FLA010181-006-DW1P
 County: Okaloosa
 Office: Northwest District

Monitoring Well ID: MWB-08
 Well Type: Background
 Description: Northwest of existing Absorption Bed Field
 Re-submitted DMR:

Report: Quarterly
 Program: Domestic

Monitoring Period From: _____ To: _____ Date Sample Obtained: _____

Time Sample Obtained: _____

Was the well purged before sampling? Yes No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Quarterly				
Chloride (as Cl)	00940		Report	mg/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Quarterly				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Quarterly				
Coliform, Fecal	74055		Report	#/100mL	Grab	Quarterly				
pH	00400		Report	s.u.	In Situ	Quarterly				
Sulfate, Total	00945		Report	mg/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (yy/mm/dd)

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUNDWATER MONITORING REPORT - PART D

Facility Name: Bob Sikes WRF
 Permit Number: FLA010181-006-DW1P
 County: Okaloosa
 Office: Northwest District

Monitoring Well ID: MWI-09
 Well Type: Intermediate
 Description: Center of existing Absorption Bed Field
 Re-submitted DMR:
 Report: Quarterly
 Program: Domestic

Monitoring Period From: _____ To: _____ Date Sample Obtained: _____

Time Sample Obtained: _____

Was the well purged before sampling? ___ Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Quarterly				
Chloride (as Cl)	00940		Report	mg/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Quarterly				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Quarterly				
Coliform, Fecal	74055		Report	#/100mL	Grab	Quarterly				
pH	00400		Report	s.u.	In Situ	Quarterly				
Sulfate, Total	00945		Report	mg/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

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NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (yy/mm/dd)

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUNDWATER MONITORING REPORT - PART D

Facility Name: Bob Sikes WRF
 Permit Number: FLA010181-006-DW1P
 County: Okaloosa
 Office: Northwest District

Monitoring Well ID: MWC-10
 Well Type: Compliance
 Description: South of existing Absorption Bed Field
 Re-submitted DMR:
 Report: Quarterly
 Program: Domestic

Monitoring Period From: _____ To: _____ Date Sample Obtained: _____

Time Sample Obtained: _____

Was the well purged before sampling? ___ Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	mg/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	ug/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100mL	Grab	Quarterly				
pH	00400		6.5-8.5	s.u.	In Situ	Quarterly				
Sulfate, Total	00945		250	mg/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

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NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (yy/mm/dd)

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUNDWATER MONITORING REPORT - PART D

Facility Name: Bob Sikes WRF
 Permit Number: FLA010181-006-DW1P
 County: Okaloosa
 Office: Northwest District

Monitoring Well ID: MWC-11
 Well Type: Compliance
 Description: Southeast of existing Absorption Bed Field
 Re-submitted DMR:

Report: Quarterly
 Program: Domestic

Monitoring Period From: _____ To: _____ Date Sample Obtained: _____

Time Sample Obtained: _____

Was the well purged before sampling? ___ Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	mg/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	ug/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100mL	Grab	Quarterly				
pH	00400		6.5-8.5	s.u.	In Situ	Quarterly				
Sulfate, Total	00945		250	mg/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (yy/mm/dd)

COMMENTS AND EXPLANATION (Reference all attachments here):

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Domestic Wastewater Section, MS 3540, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Okaloosa County Water and Sewer Department
 MAILING ADDRESS: 1804 Lewis Turner Blvd Ste 300
 Fort Walton Beach, Florida 32547-1285

PERMIT NUMBER: FLA010181
 PA FILE NUMBER: FLA010181-006-DW1P/NR
 LIMIT: Final
 CLASS SIZE: N/A

REPORT: Annually
 PROGRAM: Domestic

FACILITY: Bob Sikes WRF
 LOCATION: 5581 Fairchild Rd
 Crestview, Florida 32539-6191

MONITORING GROUP NUMBER: RWS-A
 MONITORING GROUP DESCRIPTION: Annual Reclaimed Water or Effluent Analysis

COUNTY: Okaloosa
 OFFICE: Northwest District

RE-SUBMITTED DMR:
 NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Antimony, Total Recoverable	Sample Measurement										
PARM Code 01268 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	24-hr FPC
Arsenic, Total Recoverable	Sample Measurement										
PARM Code 00978 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	24-hr FPC
Barium, Total Recoverable	Sample Measurement										
PARM Code 01009 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	24-hr FPC
Beryllium, Total Recoverable	Sample Measurement										
PARM Code 00998 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	24-hr FPC
Cadmium, Total Recoverable	Sample Measurement										
PARM Code 01113 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	24-hr FPC
Chromium, Total Recoverable	Sample Measurement										
PARM Code 01118 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	24-hr FPC

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (yy/mm/dd)

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bob Sikes WRF

MONITORING GROUP NUMBER: RWS-A
 MONITORING PERIOD From: _____

PERMIT NUMBER: FLA010181-006-DW1P
 To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Cyanide, Total Recoverable	Sample Measurement							
PARM Code 78248 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Fluoride, Total (as F)	Sample Measurement							
PARM Code 00951 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Lead, Total Recoverable	Sample Measurement							
PARM Code 01114 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mercury, Total Recoverable	Sample Measurement							
PARM Code 71901 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Nickel, Total Recoverable	Sample Measurement							
PARM Code 01074 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Nitrogen, Nitrate, Total (as N)	Sample Measurement							
PARM Code 00620 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Nitrogen, Nitrite, Total (as N)	Sample Measurement							
PARM Code 00615 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Nitrite plus Nitrate, Total 1 det. (as N)	Sample Measurement							
PARM Code 00630 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Selenium, Total Recoverable	Sample Measurement							
PARM Code 00981 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Sodium, Total Recoverable	Sample Measurement							
PARM Code 00923 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bob Sikes WRF

MONITORING GROUP NUMBER: RWS-A
 MONITORING PERIOD From: _____ To: _____

PERMIT NUMBER: FLA010181-006-DW1P

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Thallium, Total Recoverable	Sample Measurement							
PARM Code 00982 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
1,1-dichloroethylene	Sample Measurement							
PARM Code 34501 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
1,1,1-trichloroethane	Sample Measurement							
PARM Code 34506 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
1,1,2-trichloroethane	Sample Measurement							
PARM Code 34511 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
1,2-dichloroethane	Sample Measurement							
PARM Code 32103 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
1,2-dichloropropane	Sample Measurement							
PARM Code 34541 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
1,2,4-trichlorobenzene	Sample Measurement							
PARM Code 34551 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Benzene	Sample Measurement							
PARM Code 34030 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Carbon tetrachloride	Sample Measurement							
PARM Code 32102 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Cis-1,2-dichloroethene	Sample Measurement							
PARM Code 81686 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bob Sikes WRF

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA010181-006-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dichloromethane (methylene chloride)	Sample Measurement										
PARM Code 03821 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	Grab
Ethylbenzene	Sample Measurement										
PARM Code 34371 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	Grab
Monochlorobenzene	Sample Measurement										
PARM Code 34031 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	Grab
1,2-dichlorobenzene	Sample Measurement										
PARM Code 34536 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	Grab
1,4-dichlorobenzene	Sample Measurement										
PARM Code 34571 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	Grab
Styrene, Total	Sample Measurement										
PARM Code 77128 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	Grab
Tetrachloroethylene	Sample Measurement										
PARM Code 34475 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	Grab
Toluene	Sample Measurement										
PARM Code 34010 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	Grab
1,2-trans-dichloroethylene	Sample Measurement										
PARM Code 34546 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	Grab
Trichloroethylene	Sample Measurement										
PARM Code 39180 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bob Sikes WRF

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA010181-006-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Vinyl chloride	Sample Measurement							
PARM Code 39175 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Xylenes	Sample Measurement							
PARM Code 81551 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
2,3,7,8-tetrachlorodibenzo-p-dioxin	Sample Measurement							
PARM Code 34675 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
2,4-dichlorophenoxyacetic acid	Sample Measurement							
PARM Code 39730 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Silvex	Sample Measurement							
PARM Code 39760 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Alachlor	Sample Measurement							
PARM Code 39161 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Atrazine	Sample Measurement							
PARM Code 39033 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Benzo(a)pyrene	Sample Measurement							
PARM Code 34247 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Carbofuran	Sample Measurement							
PARM Code 81405 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Chlordane (tech mix. and metabolites)	Sample Measurement							
PARM Code 39350 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bob Sikes WRF

MONITORING GROUP NUMBER: RWS-A
 MONITORING PERIOD From: _____ To: _____

PERMIT NUMBER: FLA010181-006-DW1P

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Dalapon	Sample Measurement							
PARM Code 38432 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)			Annually	24-hr FPC
Bis(2-ethylhexyl)adipate	Sample Measurement							
PARM Code 77903 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)			Annually	24-hr FPC
Bis (2-ethylhexyl) phthalate	Sample Measurement							
PARM Code 39100 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)			Annually	24-hr FPC
Dibromochloropropane (DBCP)	Sample Measurement							
PARM Code 82625 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)			Annually	Grab
Dinoseb	Sample Measurement							
PARM Code 30191 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)			Annually	24-hr FPC
Diquat	Sample Measurement							
PARM Code 04443 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)			Annually	24-hr FPC
Endothall	Sample Measurement							
PARM Code 38926 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)			Annually	24-hr FPC
Endrin	Sample Measurement							
PARM Code 39390 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)			Annually	24-hr FPC
Ethylene dibromide (1,2-dibromoethane)	Sample Measurement							
PARM Code 77651 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)			Annually	24-hr FPC
Glyphosate	Sample Measurement							
PARM Code 79743 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)			Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bob Sikes WRF

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA010181-006-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Heptachlor	Sample Measurement										
PARM Code 39410 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	24-hr FPC
Heptachlor epoxide	Sample Measurement										
PARM Code 39420 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	24-hr FPC
Hexachlorobenzene	Sample Measurement										
PARM Code 39700 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	24-hr FPC
Hexachlorocyclopentadiene	Sample Measurement										
PARM Code 34386 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	24-hr FPC
Gamma BHC (Lindane)	Sample Measurement										
PARM Code 39782 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	24-hr FPC
Methoxychlor	Sample Measurement										
PARM Code 39480 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	24-hr FPC
Oxamyl (vydate)	Sample Measurement										
PARM Code 38865 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	24-hr FPC
Pentachlorophenol	Sample Measurement										
PARM Code 39032 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	24-hr FPC
Picloram	Sample Measurement										
PARM Code 39720 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	24-hr FPC
Polychlorinated Biphenyls (PCBs)	Sample Measurement										
PARM Code 39516 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bob Sikes WRF

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA010181-006-DW1P

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Simazine	Sample Measurement							
PARM Code 39055 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Toxaphene	Sample Measurement							
PARM Code 39400 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Trihalomethane, Total by summation	Sample Measurement							
PARM Code 82080 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	Grab
Radium 226 + Radium 228, Total	Sample Measurement							
PARM Code 11503 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	pCi/L		Annually	24-hr FPC
Alpha, Gross Particle Activity	Sample Measurement							
PARM Code 80045 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	pCi/L		Annually	24-hr FPC
Aluminum, Total Recoverable	Sample Measurement							
PARM Code 01104 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Chloride (as Cl)	Sample Measurement							
PARM Code 00940 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Iron, Total Recoverable	Sample Measurement							
PARM Code 00980 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Copper, Total Recoverable	Sample Measurement							
PARM Code 01119 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Manganese, Total Recoverable	Sample Measurement							
PARM Code 11123 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bob Sikes WRF

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA010181-006-DW1P

MONITORING PERIOD From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Silver, Total Recoverable	Sample Measurement										
PARM Code 01079 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	24-hr FPC
Sulfate, Total	Sample Measurement										
PARM Code 00945 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			mg/L		Annually	24-hr FPC
Zinc, Total Recoverable	Sample Measurement										
PARM Code 01094 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			ug/L		Annually	24-hr FPC
pH	Sample Measurement										
PARM Code 00400 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			s.u.		Annually	Grab
Solids, Total Dissolved (TDS)	Sample Measurement										
PARM Code 70295 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			mg/L		Annually	24-hr FPC
Foaming Agents	Sample Measurement										
PARM Code 01288 P Mon. Site No. RWS-A	Permit Requirement				Report (Max.)			mg/L		Annually	24-hr FPC

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions as well as the SUPPLEMENTAL INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

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

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

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

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign (" $<$ ") followed by the laboratory's MDL value, e.g. < 0.001 . A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

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

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

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

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

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

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

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

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

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

PART B - DAILY SAMPLE RESULTS

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

Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

Add the results to get the Total and divide by the number of days in the month to get the Monthly Average.

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

PART D - GROUND WATER MONITORING REPORT

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

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

Time Sample Obtained: Enter the time the sample was taken.

Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that.

Detection Limits: Record the detection limits of the analytical methods used.

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

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

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

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

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

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).

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

Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.

No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.

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.

Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.

Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.

No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.

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

**STATEMENT OF BASIS
FOR
STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT**

PERMIT NUMBER: FLA010181-006-DW1P/NR
FACILITY NAME: Bob Sikes WRF
FACILITY LOCATION: 5581 Fairchild Rd, Crestview, FL 32539-6191
Okaloosa County
NAME OF PERMITTEE: Okaloosa County Water & Sewer
PERMIT WRITER: Allan Karrer

1. SUMMARY OF APPLICATION

a. Chronology of Application

Application Number: FLA010181-006-DW1P/NR
Application Submittal Date: November 3, 2009

b. Type of Facility

Domestic Wastewater Treatment Plant
Ownership Type: County
SIC Code: 4952

c. Treatment System Capacity

Existing Permitted Capacity:	1.000 mgd Annual Average Daily Flow
Previously Permitted Increase in Capacity:	0.000 mgd Annual Average Daily Flow
Proposed Total Permitted Capacity:	1.000 mgd Annual Average Daily Flow

d. Absorption Bed System Capacity

Existing Permitted Capacity:	0.300 mgd Annual Average Daily Flow
Previously Permitted Increase in Capacity:	0.817 mgd Annual Average Daily Flow
Proposed Total Permitted Capacity:	1.117 mgd Annual Average Daily Flow

f. Description of Treatment System

The treatment plant is a membrane bio-reactor (MBR) wastewater reclamation facility (WRF). The treatment system consists of a headworks with screening, grit removal; peak flow by-pass facilities; a membrane bio-reactor (MBR) treatment process with aeration and anoxic basins; chlorine disinfection; effluent pump station; aerobic sludge digesters and holding tank; and an onsite generator. Treatment facilities include: A 2.5 MGD capacity two-train headworks, each train with a rotary drum screen, a grit removal system, a peak flow bypass pump and a common flow splitter box; a 0.5 MGD lined peak flow storage pond; a three-train MBR, each train with two anoxic basins with a total capacity of 60,223-gallons, two aeration basins with a total capacity of 248,000-gallons, two membrane filters with a total area of 97,920sq ft; two 60,764-gallon chlorine contact basins; two effluent pump stations, one after each chlorine contact basin; two aerobic digesters with the combined capacity of 44,990-gallons; and two sludge holding tanks with the combined capacity of 44,140-gallons. Sludge is transported to the Arbennie-Pritchett WRF for further treatment.

g. Description of Reuse System

A prior permit revision authorized expansion of the absorption field system to increase the total reuse capacity from 0.300 to 1.117 MGD. The expansion includes construction of ten (10) new absorption beds and the expanded system will consist of sixteen beds with a total area of 32.1 acres. The project is located at the southern end of Bob Sikes Airport, approximately at latitude 30°45'52.1 "N, longitude 86°31'09.4" W, Crestview, Okaloosa County.

2. SUMMARY OF SURFACE WATER DISCHARGE

This facility does not discharge to surface waters.

3. BASIS FOR PERMIT LIMITATIONS AND MONITORING REQUIREMENTS

This facility is authorized to direct reclaimed water to Reuse System R-003, an absorption field system, based on the following:

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Flow (see note below)	MGD	Max	0.300	Annual Average	62-600.400(3)(b) & 62-610.810(5) FAC
		Max	1.117	Annual Average	62-600.400(3)(b) & 62-610.810(5) FAC
		Max	Report	Monthly Average	62-600.400(3)(b) & 62-610.810(5) FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	20.0	Annual Average	62-610.510 & 62-600.740(1)(b)1.a. FAC
		Max	30.0	Monthly Average	62-600.740(1)(b)1.b. FAC
		Max	45.0	Weekly Average	62-600.740(1)(b)1.c. FAC
		Max	60.0	Single Sample	62-600.740(1)(b)1.d. FAC
Solids, Total Suspended	mg/L	Max	10.0	Single Sample	62-610.510(2) FAC
Coliform, Fecal	#/100mL	Max	200	Annual Average	62-610.510 & 62-600.440(4)(c)1. FAC
		Max	200	Monthly Geo. Mean	62-600.440(4)(c)2. FAC
		Max	800	Single Sample	62-600.440(4)(c)4. FAC
pH	s.u.	Min	6.0	Single Sample	62-600.445 FAC
		Max	8.5	Single Sample	62-600.445 FAC
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	62-610.510 & 62-600.440(4)(b) FAC
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	62-610.510(1) FAC

Note: The permitted capacity for reclaimed water reuse system R-003 is 0.300 MGD AADF until completion of construction of the additional absorption beds. After completion of construction the permitted capacity will be 1.117 MGD AADF.

Other Limitations and Monitoring Requirements:

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Flow	MGD	Max	1.0	Annual Average	62-600.400(3)(b) FAC
		Max	Report	Monthly Average	62-600.400(3)(b) FAC
		Max	Report	Quarterly Average	62-600.400(3)(b) FAC
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	62-600.405(4) FAC
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	62-601.300(1) FAC
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	62-601.300(1) FAC
Monitoring Frequencies and Sample Types	-	-	-	All Parameters	62-601 FAC & 62-699 FAC and/or BPJ of permit writer
Sampling Locations	-	-	-	All Parameters	62-601, 62-610.412, 62-610.463(1), 62-610.568, 62-610.613 FAC and/or BPJ of permit writer

4. DISCUSSION OF CHANGES TO PERMIT LIMITATIONS

The current wastewater permit for this facility FLA010181-002-DW1P expires on May 10, 2010. The previously permitted treatment plant expansion to a treatment capacity to 1.0 MGD AADF has been completed.

The previously permitted expansion of the absorption bed system is continued in this permit. The permitted capacity for the absorption beds is limited to 0.300 MGD AADF until completion of construction. All previously permitted limits and monitoring requirements continue and remain unchanged with this revision.

Chlorine Residual for Disinfection:

The Chlorine Contact Chambers (CCC) consist of two identical basins and each basin can individually provide a chlorine contact time of 17 minutes at 2.5 mgd PDF; thus, each CCC can individually treat the entire WRF capacity. Each CCC discharges via an individual weir into a common basin which is the final effluent pump station. All effluent parameters, except chlorine residual, are monitored at the effluent pump station. Chlorine residual must be monitored at each CCC just before the discharge weir to ensure minimum chlorine contact time (CT) in each CCC due to the separate chlorination systems.

Operator Staffing: The permittee requested reduced staffing to a Class C operator 6 hrs/day for 5 days/week and one visit each weekend day:

At a permitted capacity of 1.0 MGD: the facility is a Category I, Class B facility and shall be staffed at a minimum by a Class C or higher operator 16 hours/day for 7 days/week. The lead/chief operator must be a Class B operator, or higher pursuant to Rule 62-699.311(2)(a)1, FAC.

With an electronic surveillance system monitored at Arbennie Pritchett WRF 24 hrs/ day 7 days/week this staffing may be reduced to a Class C or higher operator 8 hours/day for 7 days/week with the 8 hours/day of staffing occurring during the 8-hour period of greatest influent flow or water production. The lead/chief operator must be a Class B operator, or higher pursuant to Rule 62-699.311(4)(a)2, FAC.

At a permitted capacity of 1.0 MGD and when the daily maximum flow is less than 0.500 MGD: the facility is a facility is a Category I, Class B facility and staffing may be reduced to a minimum as follows:

A Class C or higher operator 6 hours/day for 5 days/week and one visit on each weekend day. The lead/chief operator must be a Class B operator, or higher. [62-699.311(2)(a)1 and 62-699.311(8)(a)and (b)]

At a permitted capacity of 0.300 MGD: the facility is a Category I, Class C facility and shall be staffed at a minimum by a Class C or higher operator 6 hours/day for 5 days/week. The lead/chief operator must be a Class C operator, or higher pursuant to Rule 62-699.311(2)(a)1, FAC.

Capacity Analysis Report Submittal:

The facility has completed construction of the treatment works expansion to a capacity of 1.0 MGD and the expansion of the absorption beds has been approved for a capacity of 1.117 MGD. The following CAR requirement is consistent with Rule 62-600.405, FAC; it takes into account that the AWTP has been expanded and there is an approved permit to construct absorption beds expansion:

The permittee shall submit a capacity analysis report to the Department when the three-month average daily flow for the most recent three consecutive months exceeds 50 percent of the permitted capacity of the treatment plant. This initial capacity analysis report shall be submitted within 180 days after the last day of the last month of the three-month period referenced above. The capacity analysis report shall be prepared in accordance with Rule 62-600.405, F.A.C. [62-600.405(4)]

The Permittee shall construct and have operational the permitted absorption bed expansion project not later than six months prior to the three-month average daily flow exceeding the existing 0.300 MGD absorption bed capacity pursuant to Rules 62-600.405(8)(d) and (9). Rule 62-600.405(8)(d), FAC, refers to submission of an 'application for an operational permit' which indicates that construction was completed under a previous construction permit. Thus the requirement for expansion of the absorption beds six months prior to reaching capacity.

5. RESIDUALS MANAGEMENT

The method of residuals use or disposal by this facility is transfer to Arbennie Pritchett WRF for treatment and disposal or disposal in a Class I or II solid waste landfill.

6. GROUND WATER MONITORING REQUIREMENTS

Ground water monitoring requirements have been established in accordance with Chapters 62-520, 532, 601, 610, and 620, F.A.C.

7. SURFACE WATER MONITORING REQUIREMENTS

This facility is not a surface water discharger, however, the expanded discharge to ground water via a 32-acre absorption bed system may impact streams downgradient from the site. Due to the heightened environmental concerns with the surface water quality in streams, the facility is required to monitor surface waters down gradient of the application area.

8. PERMIT SCHEDULES

A schedule is not included in the wastewater permit.

9. INDUSTRIAL PRETREATMENT REQUIREMENTS

A pretreatment program not required at this time.

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

This permit is not accompanied by an AO and has not entered into a CO with the Department.

11. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

No variances were requested for this facility.

12. THE ADMINISTRATIVE RECORD

The administrative record including application , statement of basis and additional information is available for public inspection during normal business hours at the location specified in item 14. Copies will be provided at a minimal charge per page.

13. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Preliminary Permit	May 6, 2010
Notice of Permit Issuance	May 26, 2010

14. DEP CONTACT

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

Allan Karrer
Engineer IV
Northwest District Office
160 Governmental Center Suite 308
Pensacola, FL 32502-5794