



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

November 16, 2007

SENT VIA E-MAIL
(pbyrne@ecua.org)

In the Matter of an
Application for Permit by:

Emerald Coast Utilities Authority
Mr. Patrick L. Byrne, P.E.
Deputy Executive Director Utility Operations
401 West Government Street
Pensacola, FL 32502

Permit No. FL0031801
PA File No. FL0031801-003-DW1P/NR
Bayou Marcus Water Reclamation Facility
Escambia County

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number FL0031801 to continue to operate an existing 8.2 MGD annual average daily flow (AADF) permitted capacity activated sludge system.

In addition, this permit re-authorizes and allows expansion of the discharge structure for the southern portion (350 acres) of the receiving wetlands (Zones 10 thru 13) in accordance with Department permit DC17-240168 (initially issued on June 15, 1994), FL0031801-001-DW1P/NR (issued October 26 2001), FL0031801-002-DW1/MR (issued February 18, 2004) and approved plans prepared by BCM Engineers, Inc. and certified by Robert C. Borneman, P.E., which were submitted to the Department on December 27, 1993, January 24, February 25, March 2 and April 1994.

The WRF is located at latitude 30°26'10" N, longitude 87°19'45" W on 3050 Fayal Drive, Pensacola, FL 32526 in Escambia County.

The Department has permitting jurisdiction under Section 403.087, Florida Statutes and Sections 62-4, 62-600, 62-601, 62-610, 62-620, 62-640 and 62-699. The project is not exempt from permitting procedures. The Department has determined that a wastewater permit is required for the proposed work.

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

Any party to this order (permit) has the right to seek judicial review of the permit 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 of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000 and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within thirty days after this notice is filed with the clerk of the Department.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



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 and all copies were e-mailed before the close of business.



Name

November 16, 2007

Date

Attachments:

Permit, PA File No. FL0031801-003-DW1P/NR
Administrative Order AO048NW

Copies furnished by e-mail to:

Donald C. Palmer, P.E., Emerald Coast Utilities Authority (dpalmer@ecua.org)
Virginia Buff, EPA (buff.virginia@epamail.epa.gov)
Duncan J. Cairns, NFWFMD (duncan.cairns@nfwfmd.state.fl.us)

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Environmental Health Director, Escambia County Public Health Department
(robert_merritt@doh.state.fl.us)

Chair, Escambia County Board of County Commissioners, Mike Whitehead
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STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Emerald Coast Utilities Authority

PERMIT NUMBER: FL0031801 (Major)
PA FILE NUMBER: FL0031801-003-DW1P/NR
ISSUANCE DATE: November 16, 2007
EXPIRATION DATE: November 15, 2012

RESPONSIBLE AUTHORITY:

Mr. Patrick L. Byrne, P.E.
Deputy Executive Director Utility Operations
401 West Government Street
Pensacola, FL 32502

(850) 969-3380

FACILITY:

Bayou Marcus Water Reclamation Facility
3050 Fayal Drive
Pensacola, FL 32526
Escambia County
Latitude: 30° 26' 10" N Longitude: 87° 19' 45" 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.) and constitutes authorization to discharge to waters of the state under the National Pollutant Discharge Elimination System. The above named permittee is hereby authorized to construct and operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TREATMENT FACILITIES:

An existing 8.2 MGD annual average daily flow (AADF) permitted capacity activated sludge system. The mode of treatment operation of the wastewater treatment plant (WWTP) is conventional plug flow. The treatment facility is an extended aeration advanced domestic WWTP. The WWTP consist of pretreatment processes that include influent pumping with four (4) submersible pumps and four (4) raw wastewater rotary fine mesh drum screens. The biological treatment process include bioreactors - oxidation ditches (two parallel four-stage EIMCO carrousel aeration basins with anoxic with caustic soda addition, oxic, anoxic with alum addition and re-aeration chambers), three (3) secondary clarifiers. Secondary effluent management include four (4) parallel dual media (gravel/sand) effluent filters, two (2) parallel ultraviolet irradiation disinfection channels, effluent lift station with four (4) submersible pumps which pumps the effluent to the Bayou Marcus wetlands and two (2) turbine pumps for reuse water. An 8.2 MG lined rejects holding pond is provided with recirculation.

The biosolids management facilities include one (1) circular plant tankage (aerated sludge holding tank) for sludge processing with four (4) cells, secondary scum and return activated sludge (RAS) pumping, waste activated sludge (WAS) pumping, One (1) rotary drum thickener to thicken sludge and facilities to transfer the thickened sludge to a tanker truck. All residual solids generated at the Bayou Marcus plant are transported by ECUA-owned and operated trucks, to the Main Street plant for treatment in one of two sludge dryers, at that plant, resulting in a Class AA residuals or other residual management facility (RMF).

This permitting action is the re-issuance of a wastewater permit renewal to authorize continued operation of the existing 8.2 MGD permitted capacity wastewater treatment facility and discharge to the northern portion (642 acres) of the receiving wetland discharge. In addition, this permit re-authorizes and allows expansion of the discharge structure for the southern portion (350 acres) of the receiving wetlands (Zones 10 thru 13) in accordance with Department permit DC17-240168 (initially issued on June 15, 1994), FL0031801-001-DW1P/NR (issued October 26 2001), FL0031801-002-DW1/MR (issued February 18, 2004) and

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approved plans prepared by BCM Engineers, Inc. and certified by Robert C. Borneman, P.E., which were submitted to the Department on December 27, 1993, January 24, February 25, March 2 and April 1994.

DISPOSAL:

Surface Water Discharge: An existing total permitted discharge of 8.2 MGD AADF from the WWTP discharge to the Northern portion (642 acres) of the receiving wetlands and Southern receiving wetlands (350 acres). The portioned discharge capacity of the Northern portion of the receiving wetlands is 5.3 MGD AADF. The portioned discharge capacity of the Southern portion of the receiving wetlands is 2.9 MGD AADF. The receiving wetlands are classified as Class III surface waters and discharge Perdido Bay which is classified as a Class III surface water. The loading rate to the total 992 acres at 8.2 MGD is 2.13 inches per week.

The D-002 discharge structures are PVC pipe with diffusers, attached to wooden boardwalk with seven (7) zones in use in the Northern portion of the wetlands. The Southern portion of the wetland will have similar construction with four (4) zones. The Northern portion of the wetlands point of discharge is located approximately at latitude 30 ° 26' 10" N, longitude 87 °20' 00" W.

The WWTP discharge outfall line (D002) is approximately:

24" PVC F/M	11,295 linear feet
18 " PVC F/M	4,650 linear feet
12" PVC F/M	185 linear feet
8" PVC Diffuser Pipe	7,800 linear feet

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions set forth in Pages 1 through 27 of this permit.

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I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Surface Water Discharges

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to discharge effluent from Outfall D-002 to WWTP discharge to receiving wetlands. Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.B.8:

Monitoring Requirements											
			Effluent Limitations								
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes	
Flow to Northern portion of the Wetland.	MGD	Maximum	5.3	Report	-	-	Continuous	Recording flow meters and totalizers	FLW-02	See Cond.I.B.4	
Flow to Southern portion of the Wetland.	MGD	Maximum	2.9	Report	-	-	Continuous	Recording flow meters and totalizers	FLW-03	See Cond.I.B.4	
BOD, Carbonaceous 5 day, 20C	MG/L	Maximum	5.0	6.3	7.5	10.0	5 Days/Week	24-hour flow proportioned composite	EFF-01		
Solids, Total Suspended	MG/L	Maximum	5.0	6.3	7.5	10.0	5 Days/Week	24-hour flow proportioned composite	EFF-01		
Nitrogen, Ammonia, Total as NH4	MG/L	Maximum	1.6	2.0	2.4	3.2	5 Days/Week	24-hour flow proportioned composite	EFF-01		
Phosphorus, Total (as P)	MG/L	Maximum	1.0	1.3	1.5	2.0	5 Days/Week	24-hour flow proportioned composite	EFF-01		
Nitrogen, Total	MG/L	Maximum	3.0	3.8	4.5	6.0	5 Days/Week	24-hour flow proportioned composite	EFF-01		
pH	SU	Range	-	-	-	6.0 to 8.5	Continuous	Grab	EFF-01	See Cond.I.A.3	
Coliform, Fecal	#/100ML	Maximum	See Permit Condition I.A.5.				5 Days/Week	Grab	EFF-01		
Oxygen, Dissolved (DO)	MG/L	Minimum	-	-	-	5.0	Daily	Grab	EFF-01		
Ultraviolet Light Intensity	MW/CM2	Minimum	-	-	-	Report	Continuous	Meter	PPI-02		
Ultraviolet Light Dosage	MW-S/CM2	Minimum	-	-	-	25	Continuous	Calculated	PPI-02		
Ultraviolet Light Transmittance	PERCENT	Minimum	-	-	-	Report	Continuous	Meter	PPI-02		
Whole Effluent Toxicity (Chronic)	See Permit Condition I.A.6										EFF-01

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		Effluent Limitations					Monitoring Requirements			
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Zinc, Total Recoverable	UG/L	Maximum	See Permit Condition I.A.7 & 10				Monthly	24-hour flow proportioned composite	EFF-01	
Copper, Total Recoverable	UG/L	Maximum	See Permit Condition I.A.9 & 10				Monthly	24-hour flow proportioned composite	EFF-01	
Hardness, Total (as CaCO ₃)	MG/L	Maximum	See Permit Condition I.A.8				Monthly	24-hour flow proportioned composite	EFF-01	

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

Monitoring Location Site Number	Description of Monitoring Location
EFF-01	Effluent monitoring point prior to discharge to the wetlands.
FLW-02	Flow to Northern Portion of Wetlands.
FLW-03	Flow to Southern Portion of Wetlands.
PPI-02	Internal Monitoring at UV Unit.

3. Hourly measurement of pH during the period of required operator attendance may be substituted for continuous measurement. *[Chapter 62-601, Figure 2]*
4. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. *[62-601.200(17) and .500(6)]*
5. The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 per 100 mL of reclaimed water sample. The geometric mean of the fecal coliform values for a minimum of 10 samples of reclaimed water, each collected on a separate day during a period of 30 consecutive days (monthly), shall not exceed 200 per 100 mL of sample. No more than 10 percent of the samples collected (the 90th percentile value) during a period of 30 consecutive days shall exceed 400 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample. Note: To report the 90th percentile value, list the fecal coliform values obtained during the month in ascending order. Report the value of the sample that corresponds to the 90th percentile (multiply the number of samples by 0.9). For example, for 30 samples, report the corresponding fecal coliform number for the 27th value of ascending order. *[62-610.510 and 62-600.440(4)(c)]*
6. The permittee shall comply with the following requirements to evaluate chronic whole effluent toxicity of the discharge from outfall D-002.
- a. Effluent Limitation
- (1) Whole effluent chronic toxicity shall not exceed a No Observed Effect Concentration (NOEC) of less than 100% effluent in any test. *[Rule 62-302.530(62), F.A.C.]*
- b. Monitoring Frequency
- (1) "Routine" toxicity tests shall be conducted quarterly and lasting for the duration of this permit unless a reduction in the frequency of monitoring is granted in writing by the Department.
- (2) Upon completion of six consecutive, valid "routine" tests that demonstrate compliance with the effluent limitation in 6.a.(1) above, the permittee may submit a written request to the Department for a reduction in monitoring frequency. The Department shall review this request within 45 days of receipt and approve or deny the request in writing. Materials submitted to the Department for review should include a summary of the data and the complete bioassay reports for all tests being considered. In no case shall the frequency of monitoring be reduced to less than annually. Requested reductions in monitoring shall only become effective upon Department approval.
- (3) If a test within the sequence of the six is deemed invalid, but is replaced by a repeat valid test initiated within seven days of the invalidation, the invalid test will not be counted against the requirement for six consecutive valid tests for the purpose of evaluating the reduction of monitoring frequency. If two or more invalidations occur, this provision does not apply.
- c. Test Requirements
- (1) Routine Tests: All routine tests shall be conducted using a control (0% effluent) and one test concentration of **100%** final effluent.
- (2) Additional Follow-up Tests, if required:
- (a) If a routine test does not meet the chronic toxicity limitation in 6.a.(1) above, the permittee shall conduct three additional follow-up tests on each species that failed the test.
- (b) The first additional follow-up test shall be conducted using a control (0% effluent) and a minimum of five dilutions: 100%, 50%, 25%, 12.5%, and 6.25% effluent. The dilution series may be modified in the second and third tests to more accurately bracket the toxicity such that at least two dilutions above (not to exceed

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- 100% effluent) and two dilutions below the target concentration and a control (0% effluent) are run. All test results shall be statistically analyzed according to the Appendices in EPA-821-R-02-013.
- (c) The first test shall be initiated within two weeks of the end of the failed routine test. The remaining additional follow-up tests shall be conducted weekly thereafter until a total of three valid additional follow-up tests are completed.
- (3) The permittee shall conduct 7-day chronic toxicity tests using the daphnid, **Ceriodaphnia dubia**, Survival and Reproduction Test and the fathead minnow, **Pimephales promelas**, Larval Survival and Growth Test, concurrently.
- (4) All test species, procedures and quality assurance criteria used shall be in accordance with Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms, 4th ed., EPA-821-R-02-013. Any deviation of the bioassay procedures outlined herein shall be submitted in writing to the Department for review and approval prior to use. In the event the above method is revised, the permittee shall conduct chronic toxicity testing in accordance with the revised method.
- (5) The control water and dilution water used shall be moderately hard water as described in EPA-821-R-02-013, Section 7.
- d. Sampling Requirements
- (1) For each routine or additional follow-up test conducted, a total of three 24-hour composite samples of final effluent shall be collected and used per the sampling protocol discussed in EPA-821-R-02-013, Section 8.
- (2) The first composite sample shall be used to initiate the test. The remaining two composite samples shall be collected according to the protocol and used as renewal solutions on Day 3 (48 hours) and Day 5 (96 hours) of the test.
- e. Quality Assurance Requirements
- (1) A standard reference toxicant (SRT) quality assurance (QA) chronic toxicity test shall be conducted with each species used in the required toxicity tests either concurrently or started no more than 30 days before the date of each routine or additional follow-up test conducted. The SRT-QA data shall be included in the reports for each companion routine or additional follow-up test required.
- (2) If the mortality in the control (0% effluent) exceeds 20% for either species in any test or does not meet "test acceptability criteria", the test for that species (including the control) shall be invalidated and the test repeated. Test acceptability criteria for each species are defined in EPA-821-R-02-013, Section 13.12 (C. dubia) and Section 11.12 (P. promelas).
- (3) If, during any test, 100% mortality occurs in the 100% effluent concentration prior to the end of the test and control mortality is less than 20% at that time, that test (including the control) shall be terminated with the conclusion that the test fails and constitutes non-compliance.
- (4) Additional follow-up tests shall be evaluated for acceptability based on the observed dose-response relationship and the percent minimum significant difference (PMSD), as required by EPA-821-R-02-013, Sections 10.2.6 and 10.2.8, respectively. Results from these evaluations shall be included with the bioassay reports.
- f. Reporting Requirements
- (1) Results from all required tests shall be reported on the Discharge Monitoring Report (DMR) as follows:
- (a) Routine Test Results: If the NOEC of a test species is greater than or equal to 100% effluent, ">100%" should be entered on the DMR for that test species. If the NOEC of a test species is less than 100% effluent, "<100%" should be entered.
- (b) Additional Follow-up Test Results: Report the % effluent determined to be the NOEC endpoint of the test.
- (2) A bioassay laboratory report for each routine test shall be prepared according to EPA-821-R-02-013, Section 10, Report Preparation and Test Review, and mailed to the Department at the address below within 30 days of the completion of the test.
- (3) For additional follow-up tests, a single bioassay laboratory report shall be prepared according to EPA-821-R-02-013, Section 10, and mailed within 45 days of completion of the third valid additional follow-up test. If any additional follow-up test or two consecutive routine tests do not meet the effluent limitation specified in 6.a.(1) above, the permittee shall contact the Department within 30 days of the laboratory report submittal to discuss the appropriate corrective actions necessary to remedy the observed chronic toxicity.
- (4) All bioassay reports shall be sent to:
- Florida Department of Environmental Protection
Northwest District Office
160 Governmental Center, Room 302
Pensacola, Florida 32502-5794

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7. Total recoverable zinc (Zn) shall be monitored monthly and reported on a Discharge Monitoring Report (DMR), form DEP 62-620.910(10). The applicable water quality criterion for Zinc (Zn) are calculated using the equation below.

The daily maximum limitation for total recoverable zinc (Zn) shall not exceed the amount resulting from the following equation:

$$\text{ug/l Zn} \leq e^{(0.8473[\text{LnH}] + 0884)}$$

[Rules 62-302.300, 62-302(24), 62-302.530(40), 62-302.530(71).FAC]

8. The term “LnH” is the natural logarithm of the total hardness, expressed as mg/l CaCO₃. The total hardness and the above recoverable metals shall be monitored concurrently. The total hardness value resulting from monitoring requirements of Part I.A.1. shall be used to determine the zinc and copper limits. The equations can only be applied for hardness in the range of 25 to 400 mg/l as CaCO₃. If the effluent analysis reveals a total hardness less than 25 mg/l CaCO₃ or greater than 400 mg/l CaCO₃, use 25 mg/l or 400 mg/l respectively, for the total hardness in the equations to calculate each total recoverable metal limitation. *[Rule 62-302.530 FAC]*

9. Total recoverable copper (Cu) shall be monitored monthly and reported on a Discharge Monitoring Report (DMR), form DEP 62-620.910(10). The applicable water quality criterion for copper (Cu) are calculated using the equation below. The daily maximum limitation for total recoverable copper (Cu) shall not exceed the amount resulting from the following equation:

$$\text{ug/l Cu} \leq e^{(0.8545[\text{LnH}] - 1.702)}$$

[Rules 62-302.300, 62-302(24), 62-302.530(40), 62-302.530(71).FAC]

10. The daily maximum limits in I.A.7. and I.A.9. above are final limits. Concentrations measured in any effluent sample that exceed those values derived using the equations in I.A.7. and I.A.9. above shall be considered a violation the conditions of this permit and will be subject to enforcement actions pursuant to Chapter 403 , Florida Statutes, and Chapter 62-620, Florida Administrative Code. *[Rule 62-620.620 FAC]*

B. Receiving Wetland

- During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee shall monitor water quality, sediment, and biota within and from the hydrologically altered receiving wetland(s). Wetland monitoring shall be performed in accordance with the following:

Monitoring Requirements										
Effluent Limitations										
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
BOD, Carbonaceous 5 day, 20C	MG/L	Maximum	-	-	-	Report	Quarterly	Grab	WIM-06, WIM-07, WIM-08, WIM-09, WIM-10	
Solids, Total Suspended	MG/L	Maximum	-	-	-	Report	Quarterly	Grab	WIM-06, WIM-07, WIM-08, WIM-09, WIM-10	
pH	SU	Range	-	-	-	Report	Quarterly	Field Probe	WIM-06, WIM-07, WIM-08, WIM-09, WIM-10	
Temperature, Water	DEG C	Maximum	-	-	-	Report	Quarterly	Field Thermometer	WIM-06, WIM-07, WIM-08, WIM-09, WIM-10	48 hr dawn-dusk, max 4 hr intervals
Coliform, Fecal	#/100ML	Maximum	-	-	-	Report	Quarterly	Grab	WIM-06, WIM-07, WIM-08, WIM-09, WIM-10	
Oxygen, Dissolved (DO)	MG/L	Minimum	-	-	-	Report	Quarterly	Field Probe	WIM-06, WIM-07, WIM-08, WIM-09, WIM-10	48 hr dawn-dusk, max 4 hr intervals
Nitrogen, Total Kjeldahl as N	MG/L	Maximum	-	-	-	Report	Quarterly	Grab	WIM-06, WIM-07, WIM-08, WIM-09, WIM-10	
Nitrogen, Ammonia, Total as NH4	MG/L	Maximum	-	-	-	Report	Quarterly	Grab	WIM-06, WIM-07, WIM-08, WIM-09, WIM-10	
Specific conductance, Field	UMHOS/CM	Maximum	-	-	-	Report	Quarterly	Field Probe	WIM-06, WIM-07, WIM-08, WIM-09, WIM-10	
NO2+NO3, Total I DET. as N	MG/L	Maximum	-	-	-	Report	Quarterly	Grab	WIM-06, WIM-07, WIM-08, WIM-09, WIM-10	
Total Nitrogen	MG/L	Maximum	3.0	-	-	-	Quarterly	Grab	WIM-06, WIM-08	
Un-ionized Ammonia	MG/L	Maximum	0.02	-	-	-	Quarterly	Calculated	WIM-06, WIM-08	
Phosphorus, Total (as P)	MG/L	Maximum	0.2	-	-	-	Quarterly	Grab	WIM-06, WIM-08	
Phosphorus, Total (as P)	MG/L	Maximum	-	-	-	Report	Quarterly	Grab	WIM-07, WIM-09, WIM-10	

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Monitoring Requirements										
Effluent Limitations										
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Sulfide (Sediment Sampling)	MG/KG	Maximum	-	-	-	Report	Annually	Grab	WIM-06, WIM-07, WIM-08, WIM-09, WIM-10	
Sulfate, Total as SO4	MG/L	Maximum	-	-	-	Report	Quarterly	Grab	WIM-06, WIM-07, WIM-08, WIM-09, WIM-10	
Chlorophyll- A, Phytoplankton, Fluorometric Method	UG/L	Maximum	-	-	-	Report	Quarterly	Grab	WIM-06, WIM-07, WIM-08, WIM-09, WIM-10	
Staff Gauge Reading	Feet	Maximum	-	-	-	Report	Continuous	Stage Recorder	WIM-06, WIM-08	
Water Level Reading	NGVD	Maximum	-	-	-	Report	Continuous	Meter	WIM-06, WIM-07, WIM-08, WIM-09, WIM-10	
Woody Vegetation Sampling	Yes/No	Maximum	-	-	-	Report	Annually	Field	WIM-06, WIM-07, WIM-08, WIM-9, WIM-10	
Herbaceous Vegetation Sampling	Yes/No	Maximum	-	-	-	Report	Quarterly	Line Intercept Method	WIM-06, WIM-07, WIM-08, WIM-9, WIM-10	
Fish Sampling	Yes/No	Maximum	-	-	-	Report	Annually	Field	WIM-06, WIM-08	
Threatened And Endangered Plant and Animal Species List	Yes/No	Maximum	-	-	-	Report	Annually	Field	WIM-06, WIM-07, WIM-08, WIM-09, WIM-10	

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

Monitoring Location Site Number	Description of Monitoring Location
WIM-06	Northern System Quadrant N-4 Sampling Station. Point of discharge from the northern wetland.
WIM-07	Southern System Quadrant S-2 Sampling Station. Southern wetland internal monitoring station.
WIM-08	Southern System Quadrant S-3 Sampling Station. Point of discharge from the southern wetland.
WIM-09	Northern System Quadrant N-1 Sampling Station. Northern wetland internal monitoring station.
WIM-10	Southern System Quadrant S-1 Sampling Station. Southern wetland internal monitoring station.

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3. The flora and fauna of the wetland(s) shall not be changed to the extent that the ability of the wetland(s) to function in the propagation and maintenance of healthy, well-balanced populations of fish and wildlife is impaired. [62-611.500(3)(a), F.A.C.]
4. Vegetation reductions or changes resulting from management operations authorized by the Department or events such as fire or a hurricane shall not constitute a violation. 62-611.500(3)(d)3, F.A.C.]
5. Biota monitoring will be conducted as defined by Chapter 62-611.500(3)(b) through (d), F.A.C., and in accordance with the final and Department approved "E.C.U.A. Bayou Marcus Wetland Baseline Monitoring Plan" submitted by Emerald Coast Utilities Authority and Camp Dresser & McKee, Inc., approved July 20, 1994. [62-611.700(1), F.A.C.]
6. All of the wetlands monitoring for sediment and water quality required by I.B.1 above, shall be conducted in accordance with the "Standard Operating Procedure for Laboratory Operations and Sample Collection Activities, DEP-SOP-001/01 (January 2002)," and the final/Department approved "E.C.U.A. Bayou Marcus Wetland Baseline Monitoring Plan" submitted by Emerald Coast Utilities Authority and Camp Dresser & McKee, Inc., approved July 20, 1994. [62-611.700(1), F.A.C.]
7. Public access to the receiving wetland(s) shall be restricted, unless high level disinfection is provided in accordance with Rule 62-600.440(5), F.A.C. The permittee is responsible to restrict public access to the receiving wetland(s). [62-611.600(6), F.A.C.]
8. The permittee shall submit an annual wetland report. The summary report shall include a site description, including a site map showing the point(s) of discharge, location of monitoring stations, and general flow patterns in the wetland(s), and a biological monitoring summary. Summary discussion topics should include, but are not limited to, the following: [62-611.700(2), F.A.C.]
 - a. Evaluation of the data in regard to rule criteria;
 - b. Interpretation of the data results;
 - c. Specific comments concerning each potential exceedance of the criteria; and
 - d. Influence of the wastewater discharge on the wetland(s) and its effects on the type, nature and function of the wetland(s) (e.g. regeneration, growth, and sustainability of woody species; macroinvertebrate community presence and location; presence and biomass of fish species; and hydrologic variability).
9. The "Annual Wetlands Monitoring Summary Report" is due on June 1 of each year and will be sent to the Northwest District Office and the Water Quality Assessment Section at the addresses specified below:

Florida Department of Environmental Protection
Northwest District Office
Domestic Wastewater Section
160 Governmental Center
Pensacola, Florida 32501-5794

Phone Number - (850) 595-8300
FAX Number - (850) 595-8417

Florida Department of Environmental Protection
Wastewater to Wetlands Coordinator, MS# 3540
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Phone Number - (850) 488-4524
FAX Number - (850) 921-6385

All FAX copies shall be followed by original copies.

10. Until completion of construction of discharge structures and the disposal begins to the southern wetland, sampling will be done and reported once per year at monitoring locations WIM-07, WIM-08, and WIM-10.

C. Surface Water

- During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee shall monitor water quality from the surface water(s). Surface water monitoring shall be performed in accordance with the following:

			Effluent Limitations				Monitoring Requirements			
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Nitrogen, Nitrate, Total (as N)	MG/L	Maximum	-			Report	Quarterly	Grab	SWU-01, SWD-02, SWA-03	
Total Nitrogen	MG/L	Maximum	-	-	-	Report	Quarterly	Grab	SWU-01, SWD-02, SWA-03	
pH	SU	Range	-	-	-	Report	Quarterly	Grab	SWU-01, SWD-02, SWA-03	
Dissolved Oxygen (DO)	MG/L	Minimum	-	-	-	Report	Quarterly	Grab	SWU-01, SWD-02, SWA-03	
Temperature, Water	DEG C	Maximum	-	-	-	Report	Quarterly	Field Thermometer	SWU-01, SWD-02, SWA-03	
Coliform, Fecal		Maximum	-	-	-	Report	Quarterly	Grab	SWU-01, SWD-02, SWA-03	
Nitrogen, Ammonia, Total as NH4	#/100ML	Maximum	-	-	-	Report	Quarterly	Grab	SWU-01, SWD-02, SWA-03	
Specific conductance, Field	UMHOS/CM	Maximum	-	-	-	Report	Quarterly	Field Probe	SWU-01, SWD-02, SWA-03	
BOD, Carbonaceous 5 day, 20C	MG/L	Maximum	-	-	-	Report	Quarterly	Grab	SWU-01, SWD-02, SWA-03	
Solids, Total Suspended	MG/L	Maximum	-	-	-	Report	Quarterly	Grab	SWU-01, SWD-02, SWA-03	
Phosphorus, Total (as P)	MG/L	Maximum	-	-	-	Report	Quarterly	Grab	SWU-01, SWD-02, SWA-03	
Chlorophyll-A, Phytoplankton, Fluorometric Method	MG/CU. METER	Maximum	-	-	-	Report	Quarterly	Grab	SWU-01, SWD-02, SWA-03	
Water Depth	Feet	Maximum	-	-	-	Report	Quarterly	Field Instrument	SWU-01, SWD-02, SWA-03	
Wind Direction	Degrees from North	Maximum	-	-	-	Report	Quarterly	Field Instrument	SWU-01, SWD-02, SWA-03	
Wind Force	MPH	Maximum	-	-	-	Report	Quarterly	Field Instrument	SWU-01, SWD-02, SWA-03	

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			Effluent Limitations					Monitoring Requirements				
			Max/Min	Units	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Color			Maximum	PT-CO	-	-	-	Report	Quarterly	Grab	SWU-01, SWD-02, SWA-03	
Turbidity			Maximum	NTU	-	-	-	Report	Quarterly	Grab	SWU-01, SWD-02, SWA-03	
D.O. % Saturation			Maximum	%	-	-	-	Report	Quarterly	Grab	SWU-01, SWD-02, SWA-03	
Salinity			Maximum	PPT	-	-	-	Report	Quarterly	Grab	SWU-01, SWD-02, SWA-03	
Secchi Depth			Maximum	Inches	-	-	-	Report	Quarterly	Grab	SWU-01, SWD-02, SWA-03	

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

Monitoring Location Site Number	Description of Monitoring Location
SWU-01	Bayou Marcus Creek Upstream Monitoring Station - BMC
SWD-02	Mouth of Bayou Marcus Creek (Southern System) - BMP
SWA-03	Perdido Bay Monitoring Station (Northern System) - PB

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D. Other Limitations and Monitoring and Reporting Requirements

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

			Limitations				Monitoring Requirements					
			Max/Min	Units	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Solids, Total Suspended			Maximum	MG/L	-	Report	-	-	5 Days/Week	24-hour flow proportioned composite	INF-01	See Cond.I.D.3
BOD, Carbonaceous 5 day, 20C			Maximum	MG/L	-	Report	-	-	5 Days/Week	24-hour flow proportioned composite	INF-01	See Cond.I.D.3
Percent Capacity, (TMADFE/Permitted Capacity) x 100			Maximum	PERCENT	-	Report	-	-	Monthly	Calculated	CAL-01	
Flow, in conduit or thru treatment plant			Maximum	MGD	8.2	Report	-	-	Continuous	Recording flow meters and totalizers	FLW-01	See Cond.I.D.4

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

Monitoring Location Site Number	Description of Monitoring Location
CAL-01	Percent Capacity
FLW-01	Flow, in conduit or thru treatment plant.
INF-01	Influent Monitoring Site

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. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. [62-601.200(17) and .500(6)]
5. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method to assure compliance with applicable water quality standards and effluent limitations in accordance with 40 CFR (Code of Federal Regulations) Part 136. All monitoring shall be representative of the monitored activity. [62-620.320(6)]
6. The sample collection, analytical test methods and method detection limits (MDLs) applicable to this permit 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 "Florida Department of Environmental Protection Table as Required By Rule 62-4.246(4) Testing Methods for Discharges to Surface Water" is available at <http://www.dep.state.fl.us/labs/guidance/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 a 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.

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 in accordance with 40 CFR 136. [62-4.246, 62-160]

7. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5)]
8. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. 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.

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REPORT Type	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 1 – June 30 July 1 – September 30 October 1 – December 31	April 28 July 28 October 28 January 28
Semiannual	January 1 – June 30 July 1 – December 31	July 28 January 28
Annual	January 1 – December 31	January 28

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

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

9. 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:

Northwest District Office
Florida Dept. of Environmental Protection
160 Governmental Center, Room 302
Pensacola, Florida 32502-5794

Phone Number - (850) 595-8300

FAX Number - (850) 595-8393

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

10. The permit may be reopened to adjust effluent limitations or monitoring requirements should future wasteload allocation determinations, water quality studies, DEP approved changes in water quality standards, or other information show a need for a different limitation or monitoring requirement.

II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is transport to E.C.U.A. Main Street WWTF or disposal in a Class I or II solid waste landfill or other residual management facility (RMF).
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)]*

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4. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, 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 Management Facility or Treatment Facility	4. Signature of Hauler
5. Signature of Responsible Party at Source Facility	5. Signature of Responsible Party at Residuals 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. Within 90 days of placing the Southern Receiving Wetlands discharge into operation, the permittee shall begin sampling ground water in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-522.600, F.A.C. *[62-522.600(5)]*
2. All new ground water monitoring wells identified in Condition III.7. below, shall be installed prior to discharge to the receiving wetlands. Within 30 days of installation of a new monitoring well, the permittee shall submit to the Department's Northwest District Office detailed information on the well's location and construction on the attached DEP Form(s) 62-522.900(3), Monitor Well Completion Report. *[62-522.600]*
3. Prior to construction of new ground water monitoring wells, a soil boring shall be made at each new monitoring well location in order to properly size the well depth and screen interval. *[62-522.900(3)]*

Operational Requirements

4. For the Northern and Southern Receiving Wetlands land application system, all ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. The zone of discharge for this project shall extend horizontally 100 feet from the application site or to the facility's property line (edge of the receiving wetlands), whichever is less, and vertically to the base of the surficial aquifer. *[62-520.200(23)][62-522.400 and 62-522.410]*
5. The ground water minimum criteria specified in Rule 62-520.400 F.A.C., shall be met within the zone of discharge. *[62-520.400 and 62-520.420(4)]*

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6. During the period of operation authorized by this permit, the permittee shall sample ground water in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-522.600, F.A.C. [62-522.600]/[62-610.412]
7. The following monitoring wells shall be sampled quarterly and shall be sampled in accordance with the monitoring frequencies specified in Permit Condition III.8 for Disposal System D-002. Quarterly sampling must be reasonably spaced to be representative of potentially changing conditions.

Well Name	Monitoring Location Site Number	Depth (Feet)	Aquifer Monitored	Well Type	New or Existing
MWC - 9	26977	7.00	Sand & Gravel	Compliance	Existing
MWC - 10	26978	9.00	Sand & Gravel	Compliance	Existing
MWC - 11	26979	-	Sand & Gravel	Compliance	New
MWB - 12	26980	-	Sand & Gravel	Background	Existing
MWB - 13	26981	-	Sand & Gravel	Background	Existing
MWB - 14	31193	12.00	Sand & Gravel	Background	Existing
MWB - 15	31194	41.00	Sand & Gravel	Background	Existing

[62-522.600, 8-21-00]

8. The following parameters shall be analyzed quarterly for each of the monitoring well(s) identified in Condition III.7:

Parameter	Compliance Well Limit	Units	Sample Type	Monitoring Frequency
Water Level Relative to NGVD	Report	feet	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	6.0 to 8.5	s.u.	In-situ	Quarterly
Sulfate, Total	250	mg/l	Grab	Quarterly
Turbidity	Report	ntu	Grab	Quarterly
TKN	Report	mg/l	Grab	Quarterly

[62-522.600(11)(b)] [62-601.300(3), 62.601.700, and Figure 3 of 62-601]

9. If the concentration for any constituent listed in Permit Condition III.8. in the natural background quality of the ground water is greater than the stated maximum, or in the case of pH is also less than the minimum, the representative natural background quality shall be the prevailing standard. [62-520.420(2), 12-9-96] Ground water monitoring parameters shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18)]
10. Ground water monitoring and surface water monitoring results which require quarterly testing shall be submitted on Part D of Form 62-620.910(10). Results shall be submitted with April, July, October, and January DMR for each year during the period of operation allowed by this permit. [62-522.600(10) and (11)(b)] [62-601.300(3), 62.601.700, and Figure 3 of 62-601] [62-620.610(18)]

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SAMPLE PERIOD	REPORT DUE DATE
January - March	April 28
April - June	July 28
July - September	October 28
October - December	January 28

11. If any monitoring well becomes damaged or cannot be sampled for some reason, the permittee shall notify the Department's Northwest District Office immediately and a written report shall follow within seven days detailing the circumstances and remedial measures taken or proposed. Repair or replacement of monitoring wells shall be approved in advance by the Department's Northwest District Office. *[62-522.600][62-4.070(3)]*
12. The Permittee shall provide verbal notice to the Department's Northwest District Office as soon as practical after discovery of a sinkhole 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. *[62-4.070(3)]*
11. All piezometers and 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 there is intent for their future use. *[62-532.500(4)]*
12. Ground water monitoring wells shall be purged prior to sampling to obtain representative samples. *[62-601.700(5)]*
13. In accordance with Part D of Form 62-620.910(10), water levels shall be recorded before evacuating wells for sample collection. Elevation references shall include the top of the well casing and land surface at each well site (NVGD allowable) at a precision of plus or minus 0.1 foot.
14. Reporting the sample results for Ground Water Monitoring Wells MW-11 thru MW-13 are not required until completion of construction of discharge structures and disposal begins to the southern wetlands for Zones 10 thru 13. [See Condition VI.1. (page 17)]. The initial characterization of these ground water monitoring wells (MW-11 thru MW-13) shall be submitted to the Department prior to disposal to Zones 10 thru 13.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Section IV is not applicable to this facility.

V. OPERATION AND MAINTENANCE REQUIREMENTS

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

A Class C or higher operator 24 hours/day for 7 days/week. The lead operator must be a Class A operator.

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

2. The lead 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 certified operator shall be on-site and in charge of each required shift and for periods of required staffing time when the lead operator is not on-site. An operator meeting the lead operator classification level of the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. *[62-699.311(10), (5) and (1)]*
3. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. *[62-600.405(5)]*

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4. 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)]*
5. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility:
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;
 - 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 the facility record drawings;
 - h. Copies of the licenses of the current certified operators; and
 - i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and certification number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities; tests performed and samples taken; and major repairs made. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350]

VI. SCHEDULES

1. A compliance schedule for this facility is contained in Administrative Order AO048NW which is hereby incorporated by reference.
2. The following construction schedule for the facilities shall be followed, unless a minor permit revision is issued to amend the schedule:

Implementation Step		Completion Date
1.	Filter replacement project.	Twelve (12) months from issuance of this permit.

[62-620.400]

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VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

1. The permittee shall function as the Control Authority and shall be responsible for the performance of all pretreatment program requirements contained in Chapter 62-625, F.A.C. The permittee shall be subject to enforcement actions, penalties, and other remedies by the Department or other appropriate parties. The permittee shall implement and enforce its Approved Pretreatment Program. The permittee's Approved Pretreatment Program is hereby made an enforceable condition of this permit. The Department may initiate enforcement action against an industrial user for noncompliance with applicable standards and requirements. *[62-625.500]*
2. The permittee shall enforce the requirements promulgated under Sections 307(b), 307(c), 307(d), and 402(b) of the Act. The permittee shall cause industrial users subject to Federal Categorical Standards to achieve compliance no later than the date specified in those requirements or, in the case of new industrial users, upon commencement of the discharge. *[62-625.410]*
3. The permittee shall perform the pretreatment functions as required in Chapter 62-625, F.A.C., including, but not limited to, the following:
 - a. Implementing the necessary legal authorities as provided in Rule 62-625.500(2)(a), F.A.C. This includes, among other things, the authority to require compliance with applicable pretreatment standards, which includes general prohibitions listed in Rule 62-625.400(1), F.A.C., specific prohibitions in Rule 62-625.400(2), F.A.C., locally developed limits as required by Rules 62-625.400(3) and (4), F.A.C., and national categorical limits in accordance with Rule 62-625.410, F.A.C.;
 - b. Implementing the programmatic functions as required under Rule 62-625.500(2)(b), F.A.C.;
 - c. Providing the required funding, equipment, and personnel to implement the pretreatment program as provided in Rules 62-625.500(2), (3), and (4), F.A.C.; and
 - d. Providing a written technical evaluation that local limits have been developed in accordance with Rule 62-625.400(3)(a), F.A.C. The evaluation shall verify whether existing local limits protect the wastewater facilities, and if not, the permittee shall develop new local limits as part of the evaluation. This evaluation shall be submitted to the Department at the address in the condition below within 180 days after permit renewal.
[62-625.400 and .500]
4. As required by Rules 62-625.600(8) and (12), F.A.C., the permittee shall submit a signed copy of the annual report for pretreatment activities, including DMRs for Monitoring Group Numbers PRT-I, PRT-E, and PRT-R, to the Department at the following address:

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

The annual report shall contain the information required in accordance with Rule 62-625.600(8), F.A.C., except section (8)(e) as noted below, and shall describe the permittee's pretreatment activities for the reporting year. In the event that the permittee is not in compliance with any conditions or requirements of the pretreatment program, then the permittee shall also include the reasons for noncompliance and state how and when the permittee shall comply with such conditions and requirements.

In order to comply with Rule 62-625.600(8)(e), F.A.C., the permittee shall submit annual DMRs with the analytical results of influent (PRT-I), effluent (PRT-E), and residuals (PRT-R) for those pollutants listed on the DMRs. For any other nonpriority pollutants which the permittee believes may be causing or contributing to interference, pass through, or adversely impacting residuals quality, the annual report shall provide a summary of all analytical results of influent, effluent, and residuals. The annual report and DMRs are due on May 1 of each year. *[62-625.600(12)]*

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5. Samples for Monitoring Group Numbers PRT-I and PRT-E shall be taken at the monitoring site locations described below:

Monitoring Location Site Number	Description of Monitoring Location
PRT-I	Influent Monitoring Site
PRT-E	Effluent monitoring point prior to discharge to the wetlands.

VIII. OTHER SPECIFIC CONDITIONS

1. The permittee shall apply for renewal of this permit at least 180 days before the expiration date of the permit 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. The existing permit shall not expire until the Department has taken final action on the application renewal in accordance with the provisions of 62-620.335(3) and (4), F.A.C. [62-620.335(1)-(4)]
2. Florida water quality criteria and standards shall not be violated as a result of any discharge or land application of reclaimed water or residuals from this facility. [62-620.320(9) and 62-302.500(2)(e)]
3. 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)]
4. 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)]
5. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. [62-604.550] [62-620.610(20)]
6. 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 or safety problems.[62-604.130(5)]
7. The treatment facility, storage ponds, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. [62-600.400(2)(b)]

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8. 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)]*
9. The Permittee shall provide verbal notice to the Department as soon as practical after discovery of a sinkhole 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 in a written report within 7 days of the sinkhole discovery. *[62-4.070(3)]*

IX. GENERAL CONDITIONS

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

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Pensacola, FL 32502

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- 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, Florida Statutes, or Rule 62-620.302, Florida Administrative Code. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*
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 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 and the Department of Environmental Protection Guide to Wastewater Permitting 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) 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;

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- 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, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.

- a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.
- b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
- c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
- d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.
- e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.
- f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220 and 62-160.330, F.A.C.

[62-620.610(18)]

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

20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

- 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:

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1. For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph a.4 that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the Department by calling the STATE 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 within 24 hours from the time the permittee becomes aware of the circumstances.
- c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.
[62-620.610(20)]
21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 17., 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX. 20 of this permit. *[62-620.610(21)]*
22. Bypass Provisions.
 - a. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been 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.
 - b. 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

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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.

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



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

DATE: November 16, 2007

Attachments:

Location Map
Process Flow Diagram
Site Plan
Effluent Distribution System
Zones 1 thru 13 – Constructed & Unconstructed
Zones 10 & 11 - Unconstructed
Zones 12 & 13 - Unconstructed
Boardwalk Details

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401 West Government Street
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Wetlands Monitoring Locations

DMRs

Part A – Monthly Report – D-002

Part B – Daily Sample Results

Quarterly Reports

Part A – Bioassay

Part A – Wetlands Monitoring Sites

Part D – GW Monitoring Well Report

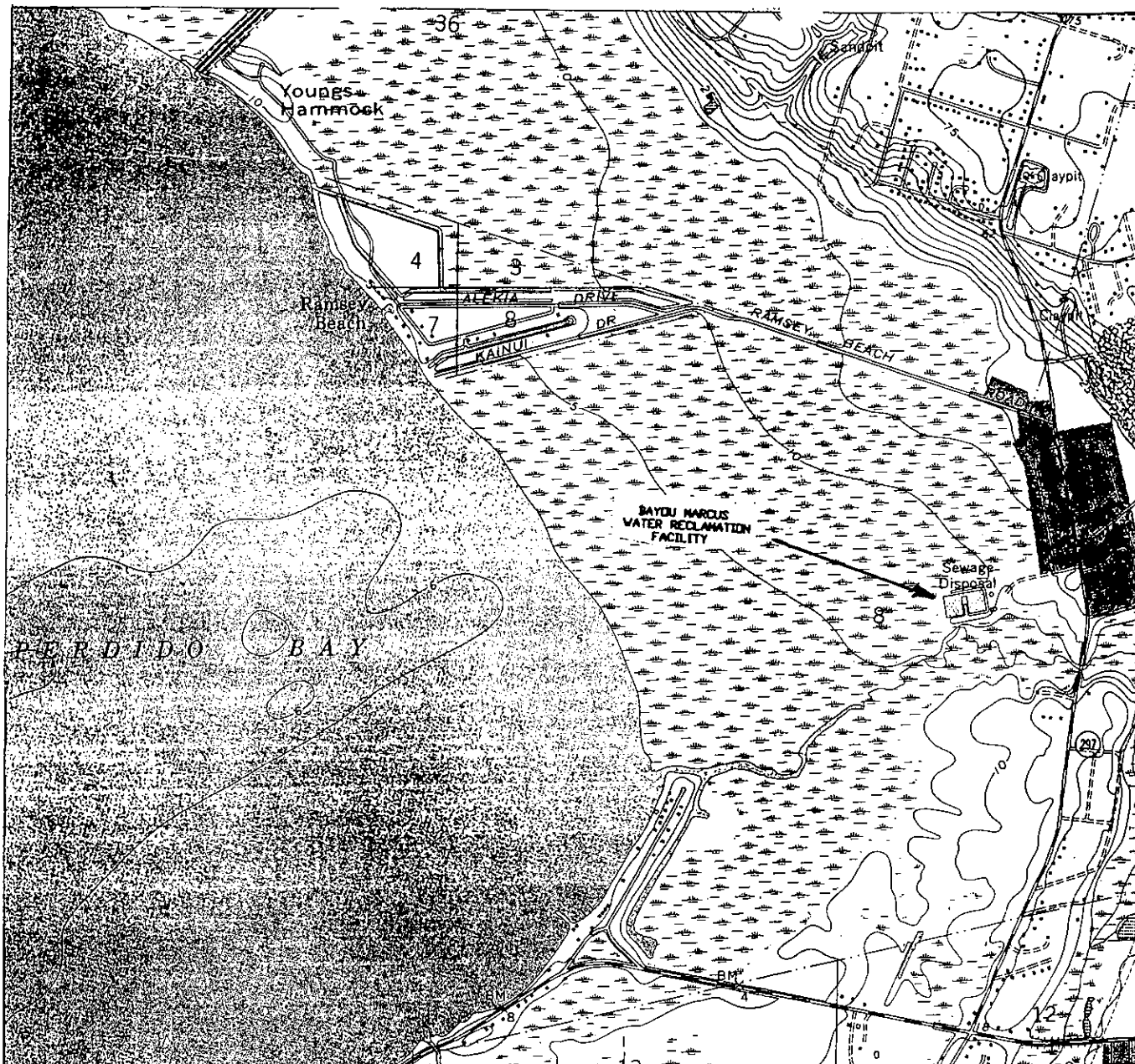
Part A – Surface Water Monitoring Sites

Annual Reports

Part A – Pretreatment

Part A – Wetland Monitoring Sites

Instructions



ATTACHMENT 'A'

WEST PENSACOLA, FLA.-ALA.
30087-D3-TF-024
1970
PHOTO REVISED 1987
DMA 3544 IV NE-SERIES V847

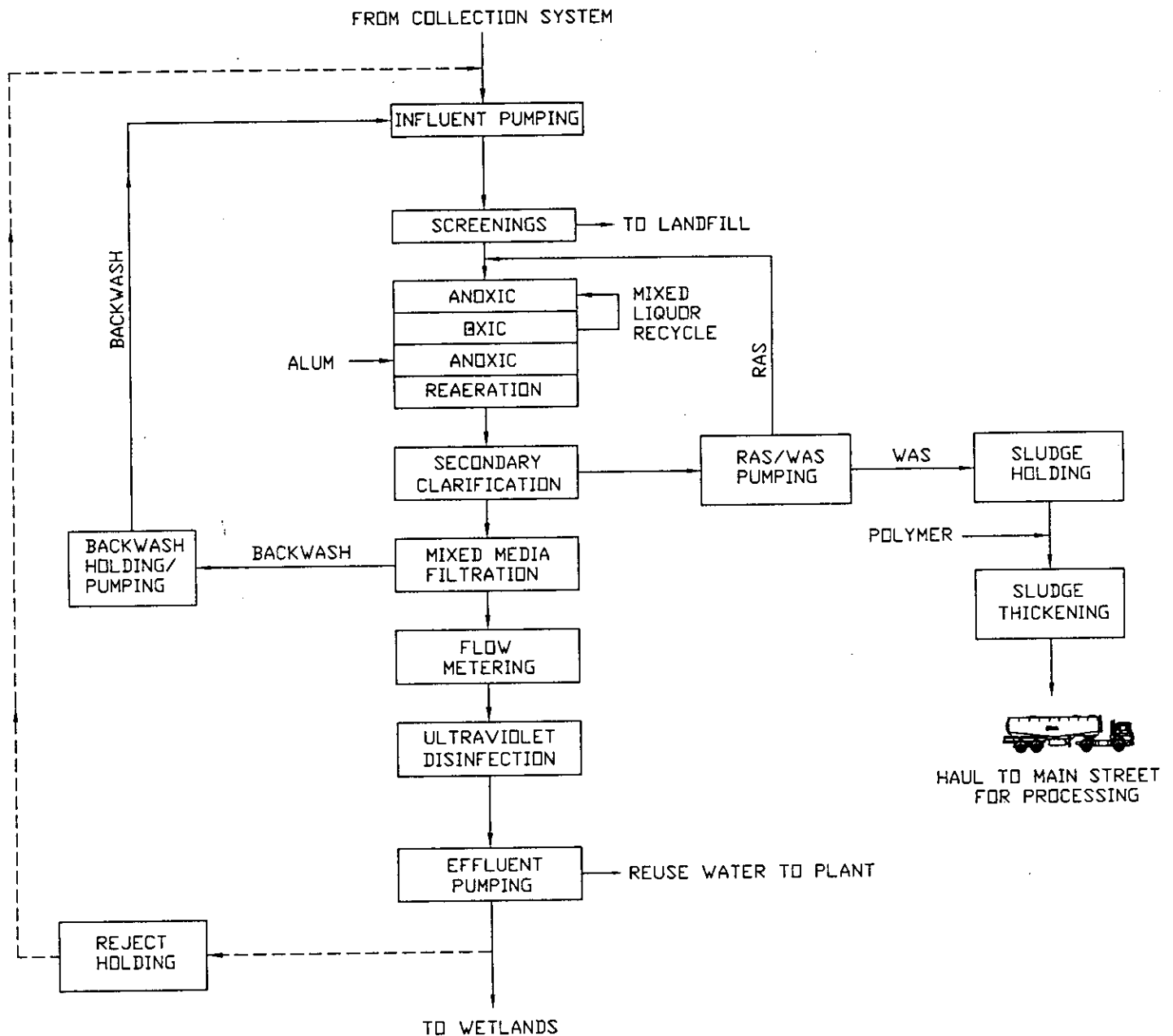


EMERALD COAST UTILITIES AUTHORITY
WATER RECLAMATION DEPARTMENT
401 W. GOVERNMENT STREET
PENSACOLA, FLORIDA 32502
(850) 969-3380

TITLE:
ATTACHMENT 'A'
BAYOU MARCUS WRF
SITE PLAN EXHIBIT

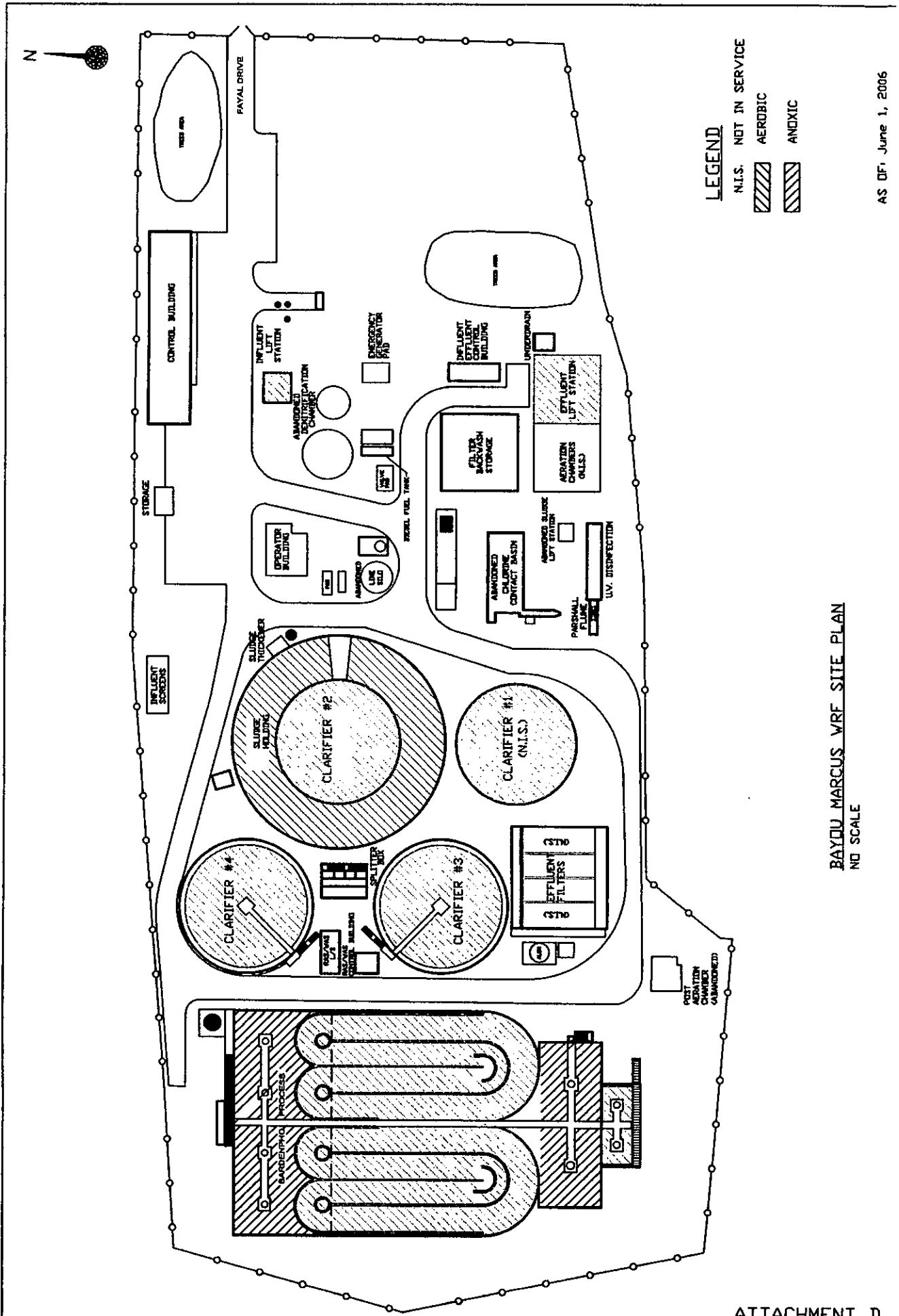
SCALE:	DATE:	SHEET:
1"=2000'	04/01/2006	1 OF 1

BAYOU MARCUS WRF PROCESS FLOW



EMERALD COAST UTILITIES AUTHORITY
WATER RECLAMATION DEPARTMENT
401 W. GOVERNMENT STREET
PENSACOLA, FLORIDA 32502
(850) 969-3380

TITLE: BAYOU MARCUS WRF PROCESS FLOW DIAGRAM	
FILE: C:\Schematics	LOCATION: BAYOU MARCUS
WORK ORDER#	DESIGN BY: L. BAUER
SCALE: NONE	DRAWN BY: RFB
DATE: 02-22-2006	SHEET: 1 of 1





Carlan Consulting Group, Inc.
Architects Engineers Surveyors

P.O. BOX 2518
PENSACOLA, FL 32513-2518
(904) 484-6011
(904) 484-8199 FAX

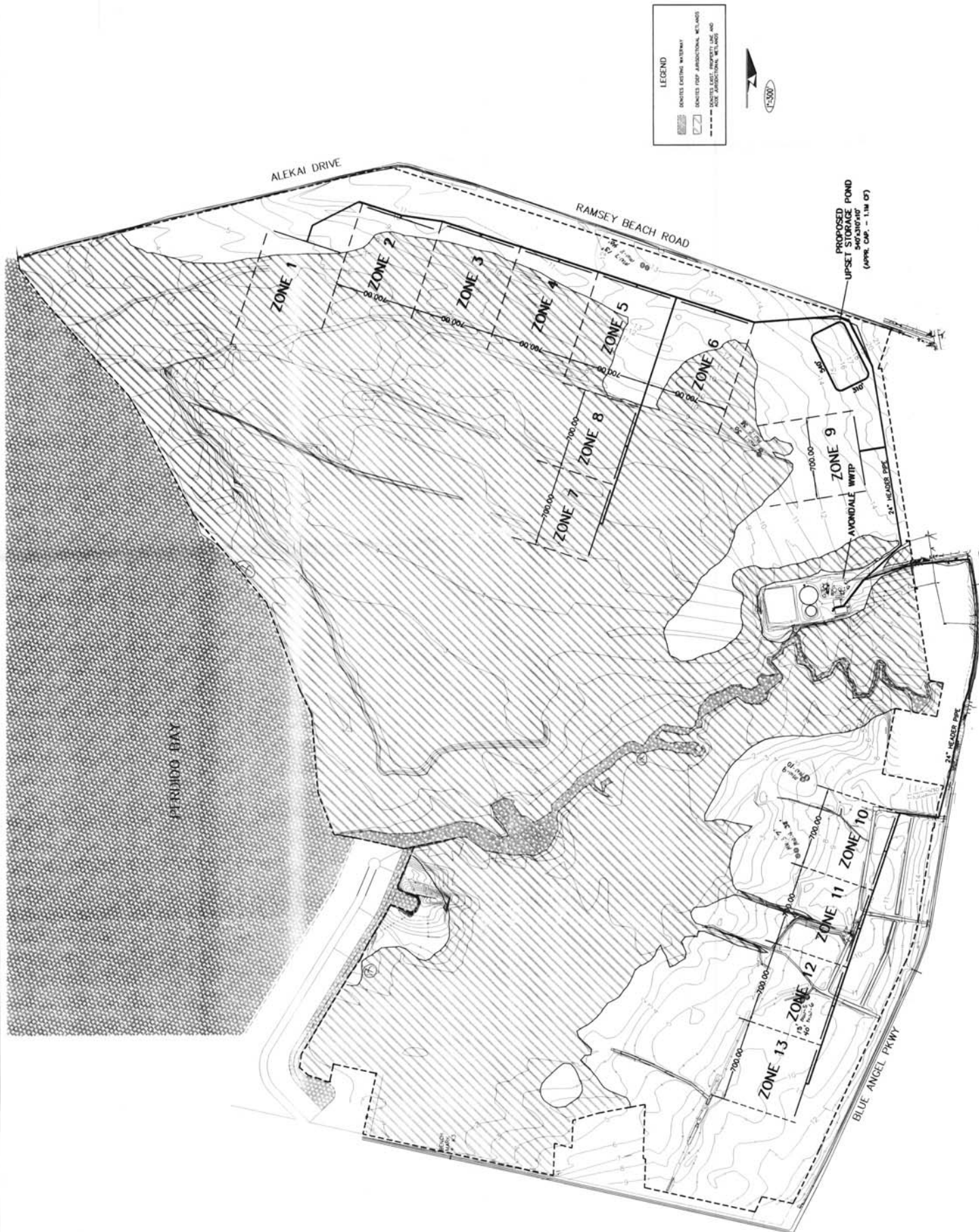
BAYOU MARCUS WATER RECLAMATION FACILITY EFFLUENT DISTRIBUTION SYSTEM

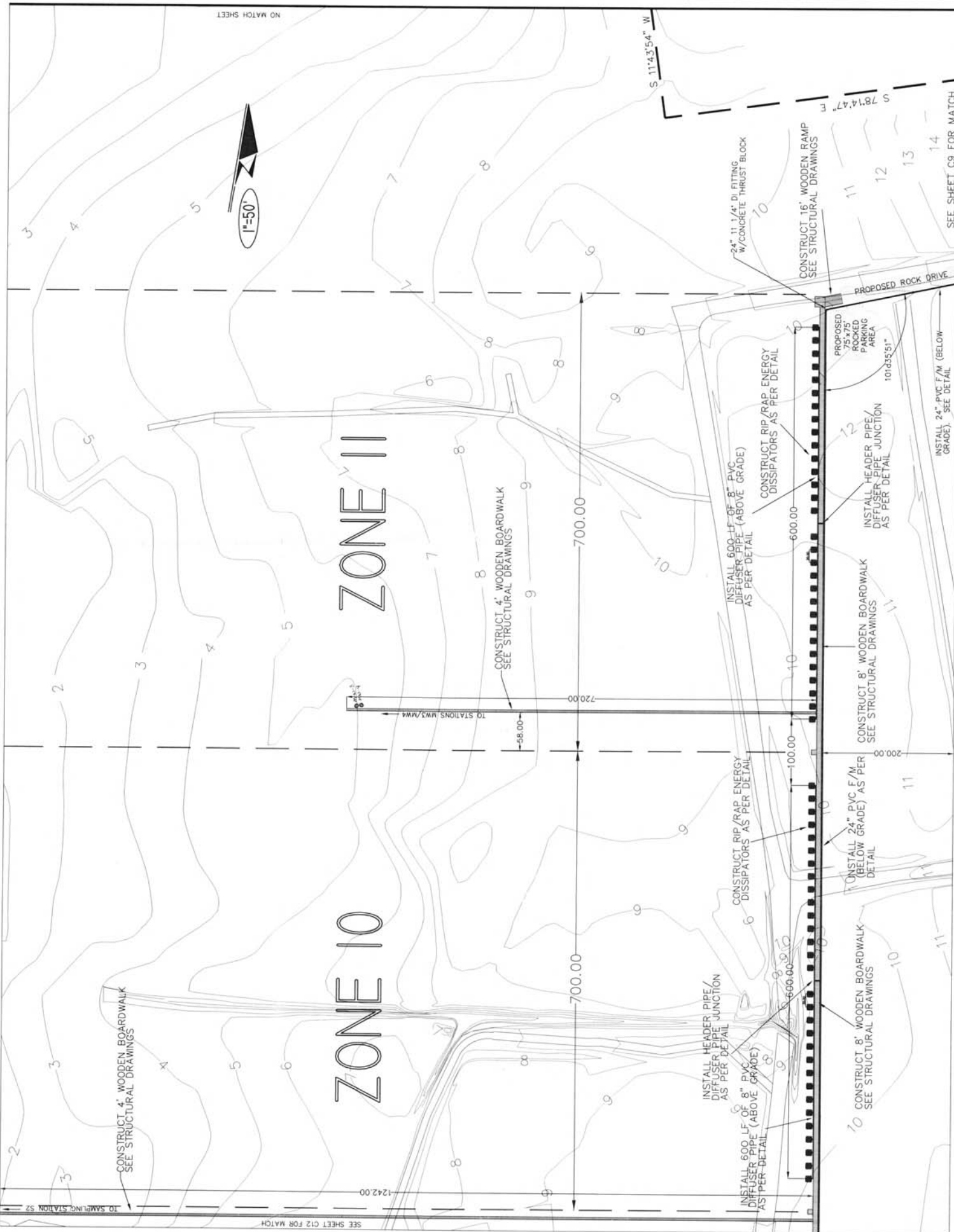
PENSACOLA, FLORIDA

REVISIONS

DATE 5-5-95
PROJ. ENGINEER L.D.O.
PROJ. MANAGER G.W.M.
C.C.C.# P93-419-02

TITLE OVERALL DISTRIBUTION
SHEET C2



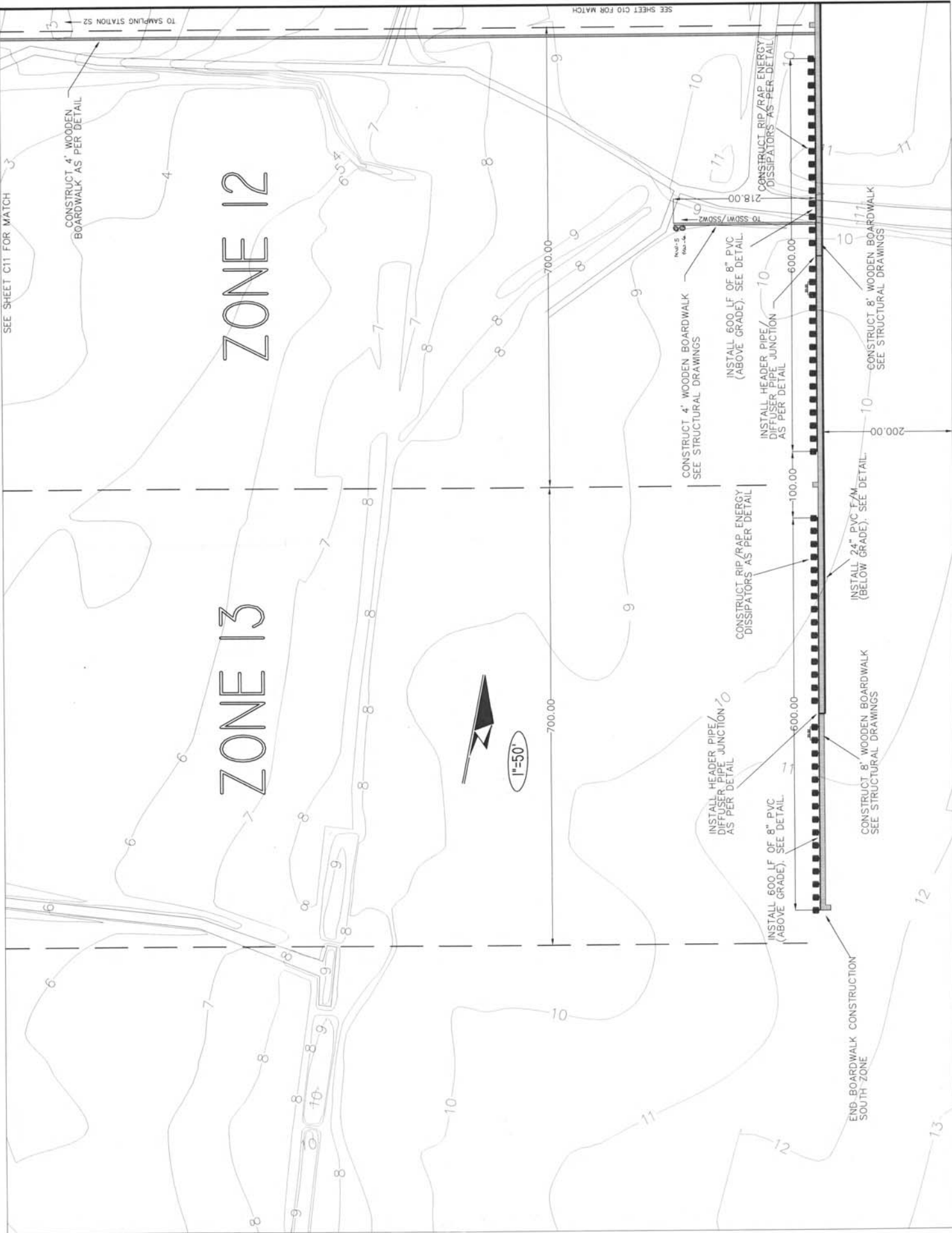


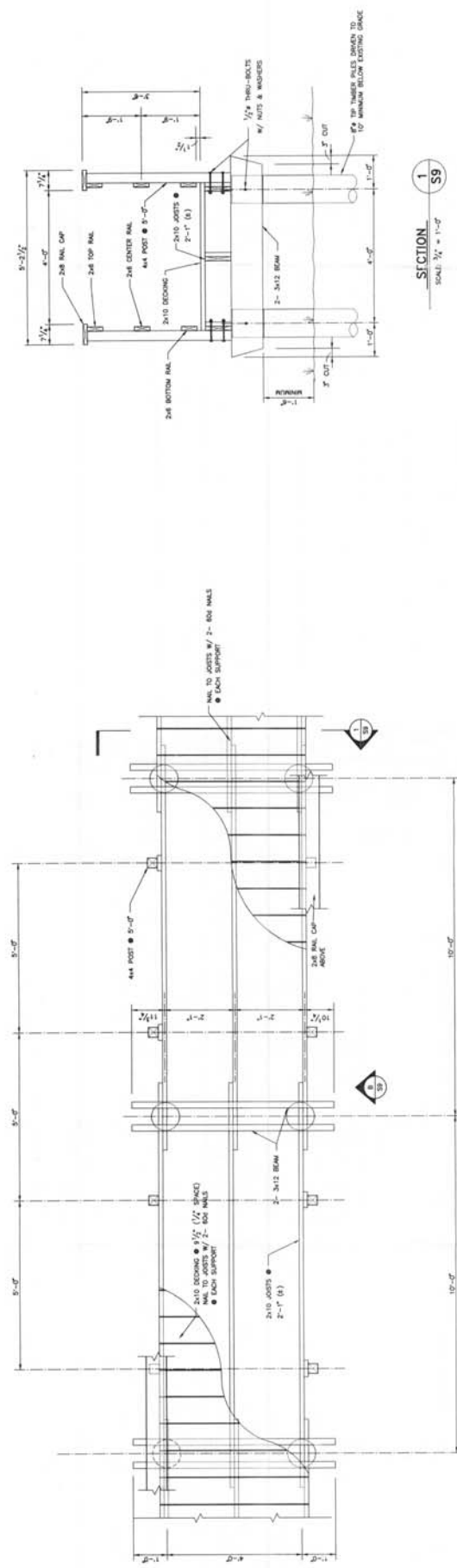


Carlan Consulting Group, Inc.
Architects Engineers Surveyors
P.O. BOX 2518
PENSACOLA, FL 32513-2518
(904) 484-6011
(904) 484-8199 FAX

BAYOU MARCUS WATER RECLAMATION FACILITY
EFFLUENT DISTRIBUTION SYSTEM
PENSACOLA, FLORIDA

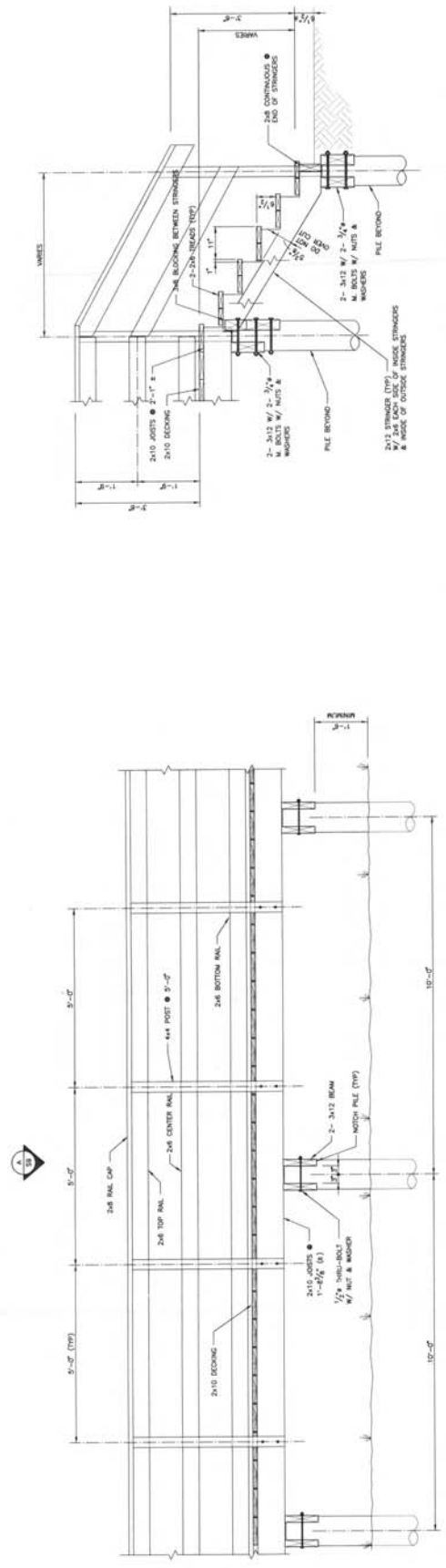
REVISIONS	DATE	5-10-95
	PROJ. ENGINEER	L.D.O.
	PROJ. MANAGER	G.W.M.
	C.C.G.#	P93-419-02
	TITLE	HEADER/BOARDWALK LAYOUT
	SHEET	C12





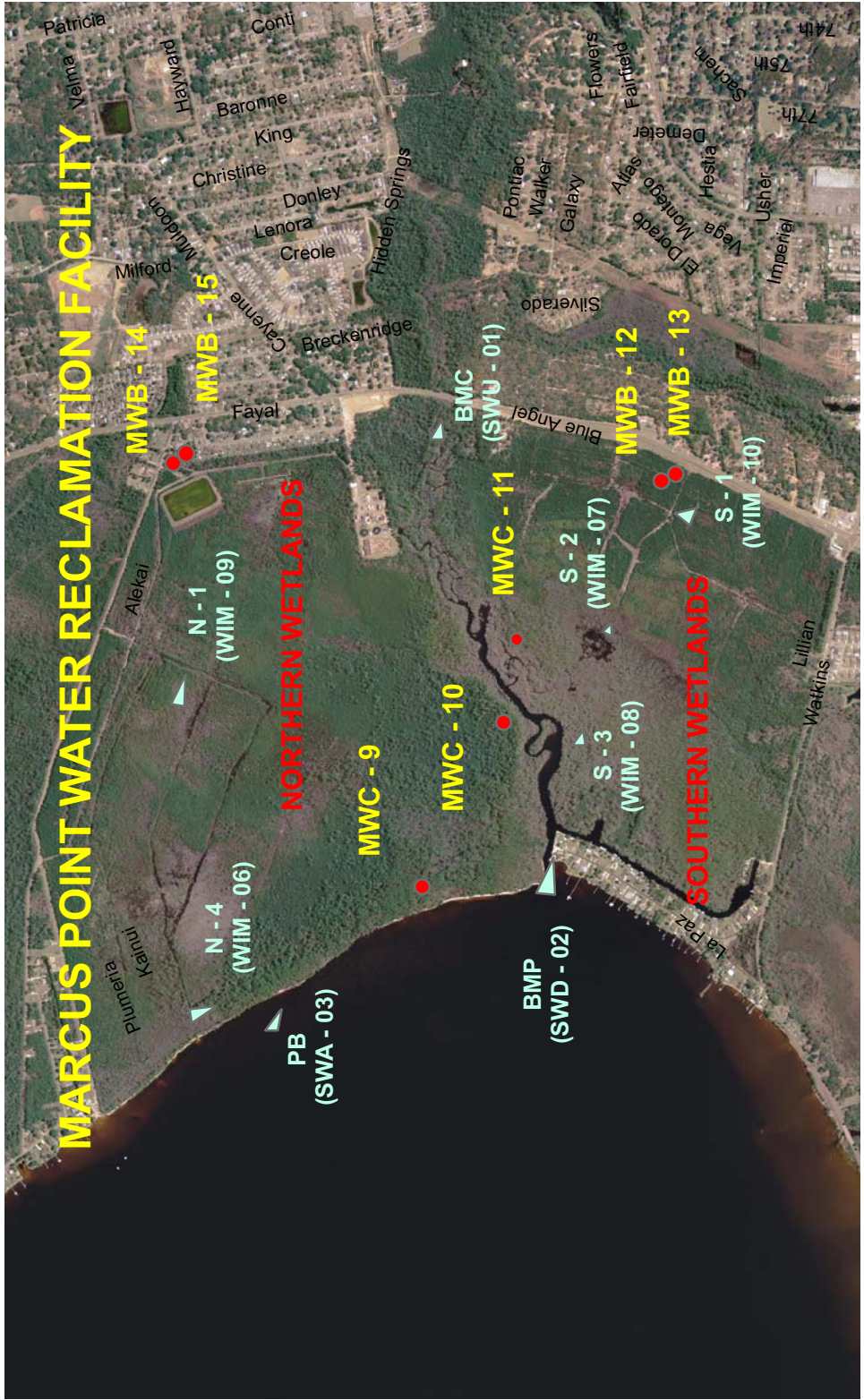
PARTIAL PLAN A
SCALE: 1/4" = 1'-0"

SECTION 1
SCALE: 1/4" = 1'-0"



ELEVATION B
SCALE: 1/4" = 1'-0"

SECTION THRU STAIR 2
SCALE: 1/4" = 1'-0"



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: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32501

PERMIT NUMBER
FL0031801

FACILITY: Bayou Marcus Water Reclamation Facility
LOCATION: 3050 Fayal Drive
Pensacola, FL 32526

REPORT: Monthly
GROUP: Domestic

COUNTY: Escambia

MONITORING GROUP NUMBER: D-002
MONITORING GROUP DESC: D-002, including Influent

NO DISCHARGE FROM
SITE: ☐

MONITORING PERIOD From: To

Parameter	Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow to Northern Wetland	Sample Measurement						
PARM Code 50050 Y Mon.Site No. FLW-02	5.3 (An.Avg.)	MGD				Continuous	Flow Totalizer
Flow to Northern Wetland	Sample Measurement						
PARM Code 50050 1 Mon.Site No. FLW-02	Report (Mo.Avg.)	MGD				Continuous	Flow Totalizer
Flow to Southern Wetland	Sample Measurement						
PARM Code 50050 P Mon.Site No. FLW-03	2.9 (An.Avg.)	MGD				Continuous	Flow Totalizer
Flow to Southern Wetland	Sample Measurement						
PARM Code 50050 Q Mon.Site No. FLW-03	Report (Mo.Avg.)	MGD				Continuous	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement						
PARM Code 80082 Y Mon.Site No. EFF-01			5.0 (An.Avg.)	MG/L		5 Days/Week	24-hr. FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement						
PARM Code 80082 1 Mon.Site No. EFF-01			6.3 (Mo.Avg.)	10.0 (Max.)		5 Days/Week	24-hr. FPC

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

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

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

DISCHARGE MONITORING REPORT – PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: D-002

PERMIT NUMBER: FL0031801

From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement									
PARM Code 00530 Y Mon.Site No. EFF-01	Permit Requirement			5.0 (An.Avg.)			MG/L		5 Days/Week	24-hr. FPC
Solids, Total Suspended	Sample Measurement									
PARM Code 00530 1 Mon.Site No. EFF-01	Permit Requirement			6.3 (Mo.Avg.)	7.5 (Wk.Avg.)	10.0 (Max.)	MG/L		5 Days/Week	24-hr. FPC
Nitrogen, Ammonia, Total as NH4	Sample Measurement									
PARM Code 71845 Y Mon.Site No. EFF-01	Permit Requirement			1.6 (An.Avg.)			MG/L		5 Days/Week	24-hr. FPC
Nitrogen, Ammonia, Total as NH4	Sample Measurement									
PARM Code 71845 1 Mon.Site No. EFF-01	Permit Requirement			2.0 (Mo.Avg.)	2.4 (Wk.Avg.)	3.2 (Max.)	MG/L		5 Days/Week	24-hr. FPC
Phosphorus, Total (as P)	Sample Measurement									
PARM Code 00665 Y Mon.Site No. EFF-01	Permit Requirement			1.0 (An.Avg.)			MG/L		5 Days/Week	24-hr. FPC
Phosphorus, Total (as P)	Sample Measurement									
PARM Code 00665 1 Mon.Site No. EFF-01	Permit Requirement			1.3 (Mo.Avg.)	1.5 (Wk.Avg.)	2.0 (Max.)	MG/L		5 Days/Week	24-hr. FPC
Nitrogen, Total	Sample Measurement									
PARM Code 00600 Y Mon.Site No. EFF-01	Permit Requirement			3.0 (An.Avg.)			MG/L		5 Days/Week	24-hr. FPC
Nitrogen, Total	Sample Measurement									
PARM Code 00600 1 Mon.Site No. EFF-01	Permit Requirement			3.8 (Mo.Avg.)	4.5 (Wk.Avg.)	6.0 (Max.)	MG/L		5 Days/Week	24-hr. FPC
pH	Sample Measurement									
PARM Code 00400 1 Mon.Site No. EFF-01	Permit Requirement			6.0 (Min.)	8.5 (Max.)		SU		Continuous	Grab
Coliform, Fecal	Sample Measurement									
PARM Code 74055 Y Mon.Site No. EFF-01	Permit Requirement			200 (An.Avg.)			#/100ML		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement									
PARM Code 74055 1 Mon.Site No. EFF-01	Permit Requirement			200 (Mo.Geo.Mean)	400 (90%)	800 (Max.)	#/100ML		5 Days/Week	Grab

DISCHARGE MONITORING REPORT – PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: D-002

PERMIT NUMBER: FL0031801

From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Oxygen, Dissolved (DO)	Sample Measurement							
PARAM Code 00300 I Mon.Site No. EFF-01	Permit Requirement			5.0 (Min.)			Daily	Grab
Ultraviolet Light Intensity - 1A (Channel #1 - Bank #1A)	Sample Measurement							
STORET No. 49607 S Mon.Site No. PPI-02	Permit Measurement			Report (Min.)			Continuous	Meter
Ultraviolet Light Intensity - 1B (Channel #1 - Bank #1B)	Sample Measurement							
STORET No. 49607 T Mon.Site No. PPI-02	Permit Measurement			Report (Min.)			Continuous	Meter
Ultraviolet Light Intensity - 1C (Channel #1 - Bank #1C)	Sample Measurement							
STORET No. 49607 U Mon.Site No. PPI-02	Permit Measurement			Report (Min.)			Continuous	Meter
Ultraviolet Light Intensity - 2A (Channel #2 - Bank #2A)	Sample Measurement							
STORET No. 49607 V Mon.Site No. PPI-02	Permit Measurement			Report (Min.)			Continuous	Meter
Ultraviolet Light Intensity - 2B (Channel #2 - Bank #2B)	Sample Measurement							
STORET No. 49607 W Mon.Site No. PPI-02	Permit Measurement			Report (Min.)			Continuous	Meter
Ultraviolet Light Intensity - 1C (Channel #1 - Bank #1C)	Sample Measurement							
STORET No. 49607 X Mon.Site No. PPI-02	Permit Measurement			Report (Min.)			Continuous	Meter
Ultraviolet Light Dosage	Sample Measurement							
STORET No. 61938 I Mon.Site No. PPI-02	Permit Measurement			25 (Min.)			Continuous	Calculated
UV Light Transmittance	Sample Measurement							
STORET No. 51043 I Mon.Site No. PPI-02	Permit Measurement			Report (Min.)			Continuous	Meter
Copper, Total Recoverable (effluent)	Sample Measurement							
PARAM Code 01119 I Mon.Site No. EFF-01	Permit Requirement			Report (Max.)			Monthly	24-hr. FPC
Copper, Total Recoverable (calculated limit)	Sample Measurement							
PARAM Code 01119 P Mon.Site No. EFF-01	Permit Requirement			Report (Max.)			Monthly	Calculated

To

[illegible]

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: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32501

PERMIT NUMBER
FL0031801

FACILITY: Bayou Marcus Water Reclamation Facility
LOCATION: 3050 Fayal Drive
Pensacola, FL 32526

REPORT: Quarterly
GROUP: Domestic

LIMIT: Final
CLASS SIZE: Major

MONITORING GROUP NUMBER: D-002
MONITORING GROUP DESC: D-002, including Influent

COUNTY: Escambia

NO DISCHARGE FROM ☐

SITE: _____

MONITORING PERIOD From: _____ To: _____

Parameter	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
7-DAY CHRONIC STATRE (Ceriodaphnia dubia (Routine) P PARM Code TBP3B Mon.Site No. EFF-01	Sample								
	Permit Requirement			NOEC < 100% (Min.)		% EFF-LUENT		Quarterly	24-hr FPC
	Sample								
7-DAY CHRONIC STATRE (Ceriodaphnia dubia (Additional) Q PARM Code TBP3B Mon.Site No. EFF-01	Measurement								
	Permit Requirement			NOEC < 100% (Min.)		% EFF-LUENT		As needed	As required by permit
	Sample								
7-DAY CHRONIC STATRE Pimephales promela (Routine) P PARM Code TBP6C Mon.Site No. EFF-01	Sample								
	Permit Requirement			NOEC < 100% (Min.)		% EFF-LUENT		Quarterly	24-hr FPC
	Sample								
7-DAY CHRONIC STATRE Pimephales promela (Additional) Q PARM Code TBP6C Mon.Site No. EFF-01	Sample								
	Permit Requirement			NOEC < 100% (Min.)		% EFF-LUENT		As needed	As required by permit
	Sample								
PARM Code Mon.Site No.	Measurement								
	Permit Requirement								
	Sample								
PARM Code Mon.Site No.	Measurement								
	Permit Requirement								
	Sample								
PARM Code Mon.Site No.	Measurement								
	Permit Requirement								
	Sample								

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):			

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0031801

Facility: Bayou Marcus Water Reclamation Facility

Monitoring Period From: _____ To: _____

	Flow, in conduit or thru treatment plant (MGD)	Flow to Northern Wetland (MGD) (R-001)	Flow to Southern Wetland (MGD) (R-001)	CBOD5 (MG/L)	CBOD5 (MG/L)	TSS (MG/L)	TSS (MG/L)	pH (Max)	pH (Min)	Nitrogen, Ammonia, Total as NH4 (MG/L)	Nitrogen, Total (MG/L)
Code	50050	50050	50050	80082	80082	00530	00530	00400	00400	714845	00600
Mon. Site	FLW-01	FLW-02	FLW-03	EFF-01	INF-01	EFF-01	INF-01	EFF-01	EFF-01	EFF-01	EFF-01
1											
2											
3											
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26											
27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0031801

Facility: Bayou Marcus Water Reclamation Facility

Monitoring Period From: _____ To: _____

	Phosphorus (MG/L)	Fecal Coliform (#/100 mL)	Oxygen, Dissolved (DO) (MG/L)	UV Intensity 1A (uW/cm ²)	UV Intensity 1B (uW/cm ²)	UV Intensity 1C (uW/cm ²)	UV Intensity 2A (uW/cm ²)	UV Intensity 2B (uW/cm ²)	UV Intensity 2C (uW/cm ²)	UV Dose mWs/cm ²	Ultraviolet Light Transmittance (PERCENT)
Code	00665	70455	00300	49607	49607	49607	49607	49607	49607	61938	00074
Mon. Site	EFF-01	EFF-01	EFF-01	PPI-02	PPI-02	PPI-02	PPI-02	PPI-02	PPI-02	PPI-02	PPI-02
1											
2											
3											
4											
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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: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32501

FACILITY: Bayou Marcus Water Reclamation Facility
LOCATION: 3050 Fayal Drive
Pensacola, FL 32526
COUNTY: Escambia

PERMIT NUMBER FL0031801

LIMIT: Final
CLASS SIZE: Major

REPORT: Quarterly
GROUP: Domestic

WAFR SITE NO.: WIM-06

MONITORING GROUP NUMBER: D-003
MONITORING GROUP DESC: Wetlands Monitoring

NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

Parameter	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
CBOD5	Sample								
PARM Code 80082 U Mon.Site No. WIM-06	Measurement								
	Permit Requirement			Report (Max.)		MG/L		Quarterly	Grab
TSS	Sample								
PARM Code 00530 U Mon.Site No. WIM-06	Measurement								
	Permit Requirement			Report (Max.)		MG/L		Quarterly	Grab
pH	Sample								
PARM Code 00400 U Mon.Site No. WIM-06	Measurement								
	Permit Requirement			Report (Min.)	Report (Max.)	SU		Quarterly	Field Probe
Temperature, Water	Sample								
PARM Code 00010 U Mon.Site No. WIM-06	Measurement								
	Permit Requirement			Report (Max.)		°C		Quarterly	Field Thermometer
Oxygen, Dissolved (DO)	Sample								
PARM Code 00300 U Mon.Site No. WIM-06	Measurement								
	Permit Requirement			Report (Min.)		MG/L		Quarterly	Field Probe
Fecal Coliform Bacteria	Sample								
PARM Code 74055 U Mon.Site No. WIM-06	Measurement								
	Permit Requirement			Report (Max.)		#/100ML		Quarterly	Grab
TKN	Sample								
PARM Code 00625 U Mon.Site No. WIM-06	Measurement								
	Permit Requirement			Report (Max.)		MG/L		Quarterly	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):			

DISCHARGE MONITORING REPORT – PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: D-003

WAFR SITE NO.: WIM-06

From: To

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Ammonia Total	Sample Measurement							
PARM Code 00610 U Mon.Site No. WIM-06	Permit Requirement			Report (Max.)		MG/L	Quarterly	Grab
Specific Conductance	Sample Measurement							
PARM Code 00095 U Mon.Site No. WIM-06	Permit Requirement			Report (Max.)		UMHOS/CM	Quarterly	Field Probe
NO2 + NO3, Total	Sample Measurement							
PARM Code 00630 U Mon.Site No. WIM-06	Permit Requirement			Report (Max.)		MG/L	Quarterly	Grab
Sulfate, Total	Sample Measurement							
PARM Code 00945 U Mon.Site No. WIM-06	Permit Requirement			Report (Max.)		MG/L	Quarterly	Grab
Chlorophyll-A, Phytoplankton	Sample Measurement							
PARM Code 32230 U Mon.Site No. WIM-06	Permit Requirement			Report (Max.)		UG/L	Quarterly	Grab
Stream Stage	Sample Measurement							
PARM Code 34782 U Mon.Site No. WIM-06	Permit Requirement		Feet	Report (Max.)			Continuous	Grab
Water Level at samp. Collection time	Sample Measurement							
PARM Code 85327 U Mon.Site No. WIM-06	Permit Requirement		Feet	Report (Max.)			Continuous	Grab
Nitrogen, Total	Sample Measurement							
PARM Code 00600 U Mon.Site No. WIM-06	Permit Requirement					MG/L	Quarterly	Grab
Nitrogen, Ammonia, Total Un-ionized (as N)	Sample Measurement					3.0 (An. Avg.)		
PARM Code 00619 U Mon.Site No. WIM-06	Permit Requirement					MG/L	Quarterly	Calculated
Phosphorus, Total (as P)	Sample Measurement							
PARM Code 00665 U Mon.Site No. WIM-06	Permit Requirement					0.02 (An. Avg.)		
Herbaceous Vegetation Sampling	Sample Measurement					MG/L	Quarterly	Grab
PARM Code 51052 U Mon.Site No. WIM-06	Permit Requirement			Report (Max.)		Yes or No	Quarterly	Grab

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: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32501

PERMIT NUMBER
FL0031801

FACILITY: Bayou Marcus Water Reclamation Facility
LOCATION: 3050 Fayal Drive
Pensacola, FL 32526
COUNTY: Escambia

REPORT: Quarterly
GROUP: Domestic

LIMIT: Final
CLASS SIZE: Major

MONITORING GROUP NUMBER: D-003
MONITORING GROUP DESC: Wetlands Monitoring

NO DISCHARGE FROM SITE: ☐

WAFR SITE NO.: WIM-07

MONITORING PERIOD From: _____ To: _____

Parameter	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
CBOD5	Sample								
	Measurement								
PARM Code 80082 V Mon.Site No. WIM-07	Permit			Report (Max.)		MG/L		Quarterly	Grab
	Requirement								
TSS	Sample								
	Measurement								
PARM Code 00530 V Mon.Site No. WIM-07	Permit			Report (Max.)		MG/L		Quarterly	Grab
	Requirement								
pH	Sample								
	Measurement								
PARM Code 00400 V Mon.Site No. WIM-07	Permit			Report (Min.)	Report (Max.)	SU		Quarterly	Field Probe
	Requirement								
Temperature, Water	Sample								
	Measurement								
PARM Code 00010 V Mon.Site No. WIM-07	Permit			Report (Max.)		°C		Quarterly	Field Thermometer
	Requirement								
Oxygen, Dissolved (DO)	Sample								
	Measurement								
PARM Code 00300 V Mon.Site No. WIM-07	Permit			Report (Min.)		MG/L		Quarterly	Field Probe
	Requirement								
Fecal Coliform Bacteria	Sample								
	Measurement								
PARM Code 74055 V Mon.Site No. WIM-07	Permit			Report (Max.)		#/100ML		Quarterly	Grab
	Requirement								
TKN	Sample								
	Measurement								
PARM Code 00625 V Mon.Site No. WIM-07	Permit			Report (Max.)		MG/L		Quarterly	Grab
	Requirement								

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: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: D-003

WAFR SITE NO.: WIM-07

From: To

Parameter	Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Ammonia Total	Sample						
PARM Code 00610 V Mon.Site No. WIM-07	Permit Requirement		Report (Max.)		MG/L	Quarterly	Grab
Specific Conductance	Sample						
PARM Code 00095 V Mon.Site No. WIM-07	Permit Requirement		Report (Max.)		UMHOS/CM	Quarterly	Field Probe
NO2 + NO3, Total	Sample						
PARM Code 00630 V Mon.Site No. WIM-07	Permit Requirement		Report (Max.)		MG/L	Quarterly	Grab
Sulfate, Total	Sample						
PARM Code 00945 V Mon.Site No. WIM-07	Permit Requirement		Report (Max.)		MG/L	Quarterly	Grab
Chlorophyll-A, Phytoplankton	Sample						
PARM Code 32230 V Mon.Site No. WIM-07	Permit Requirement		Report (Max.)		UG/L	Quarterly	Grab
Phosphorus, Total (as P)	Sample						
PARM Code 00665 V Mon.Site No. WIM-07	Permit Requirement		Report (Max.)		MG/L	Quarterly	Grab
Water Level at samp. Collection time	Sample						
PARM Code 85327 V Mon.Site No. WIM-07	Permit Requirement	Feet	Report (Max.)			Continuous	Grab
Herbaceous Vegetation Sampling	Sample						
PARM Code 51052 V Mon.Site No. WIM-07	Permit Requirement		Report (Max.)		Yes or No	Quarterly	Grab
PARM Code Mon.Site No.	Sample						
PARM Code Mon.Site No.	Permit Requirement						
PARM Code Mon.Site No.	Sample						
PARM Code Mon.Site No.	Permit Requirement						
PARM Code Mon.Site No.	Sample						
PARM Code Mon.Site No.	Permit Requirement						

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: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32501

FACILITY: Bayou Marcus Water Reclamation Facility
LOCATION: 3050 Fayal Drive
Pensacola, FL 32526
COUNTY: Escambia

PERMIT NUMBER FL0031801

LIMIT: Final
CLASS SIZE: Major
REPORT: Quarterly
GROUP: Domestic

MONITORING GROUP NUMBER: D-003
MONITORING GROUP DESC: Wetlands Monitoring
WAFR SITE NO.: WIM-08

NO DISCHARGE FROM ☐

SITE:
MONITORING PERIOD From: To

Parameter	Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
CBOD5	Sample Measurement						
PARM Code 80082 W Mon.Site No. WIM-08	Permit Requirement		Report (Max.)			Quarterly	Grab
TSS	Sample Measurement						
PARM Code 00530 W Mon.Site No. WIM-08	Permit Requirement		Report (Max.)			Quarterly	Grab
pH	Sample Measurement						
PARM Code 00400 W Mon.Site No. WIM-08	Permit Requirement		Report (Min.)			Quarterly	Field Probe
Temperature, Water	Sample Measurement						
PARM Code 00010 W Mon.Site No. WIM-08	Permit Requirement		Report (Max.)			Quarterly	Field Thermometer
Oxygen, Dissolved (DO)	Sample Measurement						
PARM Code 00300 W Mon.Site No. WIM-08	Permit Requirement		Report (Min.)			Quarterly	Field Probe
Fecal Coliform Bacteria	Sample Measurement						
PARM Code 74055 W Mon.Site No. WIM-08	Permit Requirement		Report (Max.)			Quarterly	Grab
TKN	Sample Measurement						
PARM Code 00625 W Mon.Site No. WIM-08	Permit Requirement		Report (Max.)			Quarterly	Grab

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

DISCHARGE MONITORING REPORT – PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: D-003

WAFR SITE NO: WIM-08

MONITORING PERIOD From: To

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Ammonia Total	Sample Measurement							
PARM Code 00610 W Mon.Site No. WIM-08	Permit Requirement			Report (Max.)			Quarterly	Grab
Specific Conductance	Sample Measurement							
PARM Code 00095 W Mon.Site No. WIM-08	Permit Requirement			Report (Max.)			Quarterly	Field Probe
NO2 + NO3, Total	Sample Measurement							
PARM Code 00630 W Mon.Site No. WIM-08	Permit Requirement			Report (Max.)			Quarterly	Grab
Sulfate, Total	Sample Measurement							
PARM Code 00945 W Mon.Site No. WIM-08	Permit Requirement			Report (Max.)			Quarterly	Grab
Chlorophyll-A, Phytoplankton	Sample Measurement							
PARM Code 32230 W Mon.Site No. WIM-08	Permit Requirement			Report (Max.)			Quarterly	Grab
Stream Stage	Sample Measurement							
PARM Code 34782 W Mon.Site No. WIM-08	Permit Requirement		Feet	Report (Max.)			Continuous	Grab
Water Level at samp. Collection time	Sample Measurement							
PARM Code 85327 W Mon.Site No. WIM-08	Permit Requirement		Feet	Report (Max.)			Continuous	Grab
Nitrogen, Total	Sample Measurement							
PARM Code 00600 W Mon.Site No. WIM-08	Permit Requirement						Quarterly	Grab
Nitrogen, Ammonia, Total Un-ionized (as N)	Sample Measurement							
PARM Code 00619 W Mon.Site No. WIM-08	Permit Requirement						Quarterly	Calculated
Phosphorus, Total (as P)	Sample Measurement							
PARM Code 00665 W Mon.Site No. WIM-08	Permit Requirement						Quarterly	Grab
Herbaceous Vegetation Sampling	Sample Measurement							
PARM Code 51052 W Mon.Site No. WIM-08	Permit Requirement			Report (Max.)			Quarterly	Grab

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: Emerald Coast Utilities Authority
 MAILING ADDRESS: 401 West Government Street
 Pensacola, FL 32501
 FACILITY: Bayou Marcus Water Reclamation Facility
 LOCATION: 3050 Fayal Drive
 Pensacola, FL 32526
 COUNTY: Escambia

PERMIT NUMBER FL0031801
 LIMIT: Final
 CLASS SIZE: Major
 MONITORING GROUP NUMBER: D-003
 MONITORING GROUP DESC: Wetlands Monitoring
 NO DISCHARGE FROM ☐
 SITE:
 MONITORING PERIOD From: To

REPORT: Quarterly
 GROUP: Domestic

WAFR SITE NO.: WIM-09

Parameter	Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
CBOD5	Sample Measurement						
PARM Code 80082 T Mon.Site No. WIM-09	Permit Requirement		Report (Max.)			Quarterly	Grab
TSS	Sample Measurement						
PARM Code 00530 T Mon.Site No. WIM-09	Permit Requirement		Report (Max.)			Quarterly	Grab
pH	Sample Measurement						
PARM Code 00400 T Mon.Site No. WIM-09	Permit Requirement		Report (Min.)	Report (Max.)		Quarterly	Field Probe
Temperature, Water	Sample Measurement						
PARM Code 00010 T Mon.Site No. WIM-09	Permit Requirement		Report (Max.)			Quarterly	Field Thermometer
Oxygen, Dissolved (DO)	Sample Measurement						
PARM Code 00300 T Mon.Site No. WIM-09	Permit Requirement		Report (Min.)			Quarterly	Field Probe
Fecal Coliform Bacteria	Sample Measurement						
PARM Code 74055 T Mon.Site No. WIM-09	Permit Requirement		Report (Max.)			Quarterly	Grab
TKN	Sample Measurement						
PARM Code 00625 T Mon.Site No. WIM-09	Permit Requirement		Report (Max.)			Quarterly	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):			

DISCHARGE MONITORING REPORT – PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: D-003

WAFR SITE NO.: WIM-09

From: To

Parameter	Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Ammonia Total	Sample						
PARM Code 00610 T Mon.Site No. WIM-09	Permit Requirement		Report (Max.)			Quarterly	Grab
Specific Conductance	Sample						
PARM Code 00095 T Mon.Site No. WIM-09	Permit Requirement		Report (Max.)			Quarterly	Field Probe
NO2 + NO3, Total	Sample						
PARM Code 00630 T Mon.Site No. WIM-09	Permit Requirement		Report (Max.)			Quarterly	Grab
Sulfate, Total	Sample						
PARM Code 00945 T Mon.Site No. WIM-09	Permit Requirement		Report (Max.)			Quarterly	Grab
Chlorophyll-A, Phytoplankton	Sample						
PARM Code 32230 T Mon.Site No. WIM-09	Permit Requirement		Report (Max.)			Quarterly	Grab
Phosphorus, Total (as P)	Sample						
PARM Code 00665 T Mon.Site No. WIM-09	Permit Requirement		Report (Max.)			Quarterly	Grab
Water Level at samp. Collection time	Sample						
PARM Code 85327 T Mon.Site No. WIM-09	Permit Requirement	Feet	Report (Max.)			Continuous	Grab
Herbaceous Vegetation Sampling	Sample						
PARM Code 51052 T Mon.Site No. WIM-09	Permit Requirement		Report (Max.)			Quarterly	Grab
PARM Code Mon.Site No.	Sample						
PARM Code Mon.Site No.	Permit Requirement						
PARM Code Mon.Site No.	Sample						
PARM Code Mon.Site No.	Permit Requirement						
PARM Code Mon.Site No.	Sample						
PARM Code Mon.Site No.	Permit Requirement						

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: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32501

FACILITY: Bayou Marcus Water Reclamation Facility
LOCATION: 3050 Fayal Drive
Pensacola, FL 32526
COUNTY: Escambia

PERMIT NUMBER FL0031801

LIMIT: Final
CLASS SIZE: Major

REPORT: Quarterly
GROUP: Domestic

MONITORING GROUP NUMBER: D-003
MONITORING GROUP DESC: Wetlands Monitoring
NO DISCHARGE FROM ☐
SITE:
MONITORING PERIOD From: To

WAFR SITE NO.: WIM-10

Parameter	Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
CBOD5	Sample Measurement						
PARM Code 80082 Z Mon.Site No. WIM-10	Permit Requirement		Report (Max.)			Quarterly	Grab
TSS	Sample Measurement						
PARM Code 00530 Z Mon.Site No. WIM-10	Permit Requirement		Report (Max.)			Quarterly	Grab
pH	Sample Measurement						
PARM Code 00400 Z Mon.Site No. WIM-10	Permit Requirement		Report (Min.)			Quarterly	Field Probe
Temperature, Water	Sample Measurement						
PARM Code 00010 Z Mon.Site No. WIM-10	Permit Requirement		Report (Max.)			Quarterly	Field Thermometer
Oxygen, Dissolved (DO)	Sample Measurement						
PARM Code 00300 Z Mon.Site No. WIM-10	Permit Requirement		Report (Min.)			Quarterly	Field Probe
Fecal Coliform Bacteria	Sample Measurement						
PARM Code 74055 Z Mon.Site No. WIM-10	Permit Requirement		Report (Max.)			Quarterly	Grab
TKN	Sample Measurement						
PARM Code 00625 Z Mon.Site No. WIM-10	Permit Requirement		Report (Max.)			Quarterly	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):			

DISCHARGE MONITORING REPORT – PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: D-003

WAFR SITE NO.: WIM-10

From: To

Parameter	Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Ammonia Total	Sample						
PARM Code 00610 Z Mon.Site No. WIM-10	Permit Requirement		Report (Max.)		MG/L	Quarterly	Grab
Specific Conductance	Sample						
PARM Code 00095 Z Mon.Site No. WIM-10	Permit Requirement		Report (Max.)		UMHOS/CM	Quarterly	Field Probe
NO2 + NO3, Total	Sample						
PARM Code 00630 Z Mon.Site No. WIM-10	Permit Requirement		Report (Max.)		MG/L	Quarterly	Grab
Sulfate, Total	Sample						
PARM Code 00945 Z Mon.Site No. WIM-10	Permit Requirement		Report (Max.)		MG/L	Quarterly	Grab
Chlorophyll-A, Phytoplankton	Sample						
PARM Code 32230 Z Mon.Site No. WIM-10	Permit Requirement		Report (Max.)		UG/L	Quarterly	Grab
Phosphorus, Total (as P)	Sample						
PARM Code 00665 Z Mon.Site No. WIM-10	Permit Requirement		Report (Max.)		MG/L	Quarterly	Grab
Water Level at samp. Collection time	Sample						
PARM Code 85327 Z Mon.Site No. WIM-10	Permit Requirement	Feet	Report (Max.)			Continuous	Grab
Herbaceous Vegetation Sampling	Sample						
PARM Code 51052 Z Mon.Site No. WIM-10	Permit Requirement		Report (Max.)		Yes or No	Quarterly	Grab
	Sample						
PARM Code Mon.Site No.	Permit Requirement						
	Sample						
PARM Code Mon.Site No.	Permit Requirement						
	Sample						
PARM Code Mon.Site No.	Permit Requirement						

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: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32501

FACILITY: Bayou Marcus Water Reclamation Facility
LOCATION: 3050 Fayal Drive
Pensacola, FL 32526
COUNTY: Escambia

PERMIT NUMBER FL0031801

LIMIT: Final
CLASS SIZE: Major

REPORT: Quarterly
GROUP: Domestic

MONITORING GROUP NUMBER: D-003 WAFR SITE NO.: SWU-01

MONITORING GROUP DESC: Ambient Surface Water Monitoring Station

NO DISCHARGE FROM SITE: ☐

MONITORING PERIOD From: _____ To _____

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
CBOD5	Sample Measurement									
PARM Code 80082 P Mon.Site No. SWU-01	Permit Requirement			Report (Max.)			MG/L		Quarterly	Grab
TSS	Sample Measurement									
PARM Code 00530 P Mon.Site No. SWU-01	Permit Requirement			Report (Max.)			MG/L		Quarterly	Grab
pH	Sample Measurement									
PARM Code 00400 P Mon.Site No. SWU-01	Permit Requirement			Report (Min.)	Report (Max.)		SU		Quarterly	Field Probe
Temperature, Water	Sample Measurement									
PARM Code 00010 P Mon.Site No. SWU-01	Permit Requirement			Report (Max.)			°C		Quarterly	Field Thermometer
Oxygen, Dissolved (DO)	Sample Measurement									
PARM Code 00300 P Mon.Site No. SWU-01	Permit Requirement			Report (MIN.)			MG/L		Quarterly	Field Probe
Fecal Coliform Bacteria	Sample Measurement									
PARM Code 74055 P Mon.Site No. SWU-01	Permit Requirement			Report (Max.)			#/100ML		Quarterly	Grab
Nitrogen, Total	Sample Measurement									
PARM Code 00600 P Mon.Site No. SWU-01	Permit Requirement			Report (Max.)			MG/L		Quarterly	Grab

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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)

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

DISCHARGE MONITORING REPORT – PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: D-003

WAFR SITE NO.: SWU-01

MONITORING PERIOD From: To

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Ammonia Total	Sample Measurement							
PARM Code 00610 P Mon.Site No. SWU-01	Permit Requirement			Report (Max.)			Quarterly	Grab
Specific Conductance	Sample Measurement							
PARM Code 00095 P Mon.Site No. SWU-01	Permit Requirement			Report (Max.)			Quarterly	Field Probe
Nitrogen, Nitrate, Total	Sample Measurement							
PARM Code 00620 P Mon.Site No. SWU-01	Permit Requirement			Report (Max.)			Quarterly	Grab
Water Depth	Sample Measurement							
PARM Code 85327 P Mon.Site No. SWU-01	Permit Requirement	Report (Max.)	Feet				Quarterly	Field Instrument
Chlorophyll-A, Phytoplankton	Sample Measurement							
PARM Code 32230 P Mon.Site No. SWU-01	Permit Requirement			Report (Max.)			Quarterly	Grab
Phosphorus, Total (as P)	Sample Measurement							
PARM Code 00665 P Mon.Site No. SWU-01	Permit Requirement			Report (Max.)			Quarterly	Grab
Wind Direction	Sample Measurement							
PARM Code 00036 P Mon.Site No. SWU-01	Permit Requirement	Report (Max.)	Degrees from North				Quarterly	Field Instrument
Wind Force	Sample Measurement							
PARM Code 00035 P Mon.Site No. SWU-01	Permit Requirement	Report (Max.)	MPH				Quarterly	Field Instrument
Color	Sample Measurement							
PARM Code 00080 P Mon.Site No. SWU-01	Permit Requirement			Report (Max.)			Quarterly	Grab
Turbidity	Sample Measurement							
PARM Code 00070 P Mon.Site No. SWU-01	Permit Requirement			Report (Max.)			Quarterly	Grab
D.O. % Saturation	Sample Measurement							
PARM Code 00301 P Mon.Site No. SWU-01	Permit Requirement			Report (Max.)			Quarterly	Grab

To

[illegible]

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: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32501

FACILITY: Bayou Marcus Water Reclamation Facility
LOCATION: 3050 Fayal Drive
Pensacola, FL 32526
COUNTY: Escambia

PERMIT NUMBER FL0031801

LIMIT: Final
CLASS SIZE: Major
REPORT: Quarterly
GROUP: Domestic

MONITORING GROUP NUMBER: D-003
MONITORING GROUP DESC: Ambient Surface Water Monitoring Station
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

WAFR SITE NO.: SWD-02

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
CBOD5	Sample Measurement									
PARM Code 80082 Q Mon.Site No. SWD-02	Permit Requirement			Report (Max.)			MG/L		Quarterly	Grab
TSS	Sample Measurement									
PARM Code 00530 Q Mon.Site No. SWD-02	Permit Requirement			Report (Max.)			MG/L		Quarterly	Grab
pH	Sample Measurement									
PARM Code 00400 Q Mon.Site No. SWD-02	Permit Requirement			Report (Min.)	Report (Max.)		SU		Quarterly	Field Probe
Temperature, Water	Sample Measurement									
PARM Code 00010 Q Mon.Site No. SWD-02	Permit Requirement			Report (Max.)			°C		Quarterly	Field Thermometer
Oxygen, Dissolved (DO)	Sample Measurement									
PARM Code 00300 Q Mon.Site No. SWD-02	Permit Requirement			Report (Min.)			MG/L		Quarterly	Field Probe
Fecal Coliform Bacteria	Sample Measurement									
PARM Code 74055 Q Mon.Site No. SWD-02	Permit Requirement			Report (Max.)			#/100ML		Quarterly	Grab
Nitrogen, Total	Sample Measurement									
PARM Code 00600 Q Mon.Site No. SWD-02	Permit Requirement			Report (Max.)			MG/L		Quarterly	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):

DISCHARGE MONITORING REPORT – PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: D-003

WAFR SITE NO.: SWD-02

MONITORING PERIOD From: To

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Ammonia Total	Sample Measurement							
PARM Code 00610 Q Mon.Site No. SWD-02	Permit Requirement			Report (Max.)			Quarterly	Grab
Specific Conductance	Sample Measurement							
PARM Code 00095 Q Mon.Site No. SWD-02	Permit Requirement			Report (Max.)			Quarterly	Field Probe
Nitrogen, Nitrate, Total	Sample Measurement							
PARM Code 00620 Q Mon.Site No. SWD-02	Permit Requirement			Report (Max.)			Quarterly	Grab
Water Depth	Sample Measurement							
PARM Code 85327 Q Mon.Site No. SWD-02	Permit Requirement	Report (Max.)	Feet				Quarterly	Field Instrument
Chlorophyll-A, Phytoplankton	Sample Measurement							
PARM Code 32230 Q Mon.Site No. SWD-02	Permit Requirement			Report (Max.)			Quarterly	Grab
Phosphorus, Total (as P)	Sample Measurement							
PARM Code 00665 Q Mon.Site No. SWD-02	Permit Requirement			Report (Max.)			Quarterly	Grab
Wind Direction	Sample Measurement							
PARM Code 00036 Q Mon.Site No. SWD-02	Permit Requirement	Report (Max.)	Degrees from North				Quarterly	Field Instrument
Wind Force	Sample Measurement							
PARM Code 00035 Q Mon.Site No. SWD-02	Permit Requirement	Report (Max.)	MPH				Quarterly	Field Instrument
Color	Sample Measurement							
PARM Code 00080 Q Mon.Site No. SWD-02	Permit Requirement			Report (Max.)			Quarterly	Grab
Turbidity	Sample Measurement							
PARM Code 00070 Q Mon.Site No. SWD-02	Permit Requirement			Report (Max.)			Quarterly	Grab
D.O. % Saturation	Sample Measurement							
PARM Code 00301 Q Mon.Site No. SWD-02	Permit Requirement			Report (Max.)			Quarterly	Grab

To

[illegible]

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: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32501

FACILITY: Bayou Marcus Water Reclamation Facility
LOCATION: 3050 Fayal Drive
Pensacola, FL 32526
COUNTY: Escambia

PERMIT NUMBER FL0031801

LIMIT: Final
CLASS SIZE: Major

REPORT: Quarterly
GROUP: Domestic

MONITORING GROUP NUMBER: D-003

WAFR SITE NO.: SWA-03

MONITORING GROUP DESC: Ambient Surface Water Monitoring Station

NO DISCHARGE FROM SITE: ☐

MONITORING PERIOD From: _____ To: _____

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
CBOD5	Sample Measurement									
PARM Code 80082 R Mon.Site No. SWA-03	Permit Requirement			Report (Max.)			MG/L		Quarterly	Grab
TSS	Sample Measurement									
PARM Code 00530 R Mon.Site No. SWA-03	Permit Requirement			Report (Max.)			MG/L		Quarterly	Grab
pH	Sample Measurement									
PARM Code 00400 R Mon.Site No. SWA-03	Permit Requirement			Report (Min.)	Report (Max.)		SU		Quarterly	Field Probe
Temperature, Water	Sample Measurement									
PARM Code 00010 R Mon.Site No. SWA-03	Permit Requirement			Report (Max.)			°C		Quarterly	Field Thermometer
Oxygen, Dissolved (DO)	Sample Measurement									
PARM Code 00300 R Mon.Site No. SWA-03	Permit Requirement			Report (Min.)			MG/L		Quarterly	Field Probe
Fecal Coliform Bacteria	Sample Measurement									
PARM Code 74055 R Mon.Site No. SWA-03	Permit Requirement			Report (Max.)			#/100ML		Quarterly	Grab
Nitrogen, Total	Sample Measurement									
PARM Code 00600 R Mon.Site No. SWA-03	Permit Requirement			Report (Max.)			MG/L		Quarterly	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):

DISCHARGE MONITORING REPORT – PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: D-003

WAFR SITE NO.: SWA-03

From: _____ To _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Ammonia Total	Sample Measurement							
PARM Code 00610 R Mon.Site No. SWA-03	Permit Requirement			Report (Max.)			Quarterly	Grab
Specific Conductance	Sample Measurement							
PARM Code 00095 R Mon.Site No. SWA-03	Permit Requirement			Report (Max.)			Quarterly	Field Probe
Nitrogen, Nitrate, Total	Sample Measurement							
PARM Code 00620 R Mon.Site No. SWA-03	Permit Requirement			Report (Max.)			Quarterly	Grab
Water Depth	Sample Measurement							
PARM Code 85327 R Mon.Site No. SWA-03	Permit Requirement	Report (Max.)	Feet				Quarterly	Field Instrument
Chlorophyll-A, Phytoplankton	Sample Measurement							
PARM Code 32230 R Mon.Site No. SWA-03	Permit Requirement			Report (Max.)			Quarterly	Grab
Phosphorus, Total (as P)	Sample Measurement							
PARM Code 00665 R Mon.Site No. SWA-03	Permit Requirement			Report (Max.)			Quarterly	Grab
Wind Direction	Sample Measurement							
PARM Code 00036 R Mon.Site No. SWA-03	Permit Requirement	Report (Max.)	Degrees from North				Quarterly	Field Instrument
Wind Force	Sample Measurement							
PARM Code 00035 R Mon.Site No. SWA-03	Permit Requirement	Report (Max.)	MPH				Quarterly	Field Instrument
Color	Sample Measurement							
PARM Code 00080 R Mon.Site No. SWA-03	Permit Requirement			Report (Max.)			Quarterly	Grab
Turbidity	Sample Measurement							
PARM Code 00070 R Mon.Site No. SWA-03	Permit Requirement			Report (Max.)			Quarterly	Grab
D.O. % Saturation	Sample Measurement							
PARM Code 00301 R Mon.Site No. SWA-03	Permit Requirement			Report (Max.)			Quarterly	Grab

To

[illegible]

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: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32501

FACILITY: Bayou Marcus Water Reclamation Facility
LOCATION: 3050 Fayal Drive
Wim-06 Pensacola, FL 32526
COUNTY: Escambia

PERMIT NUMBER FL0031801

LIMIT: Final
CLASS SIZE: Major

REPORT: Annual
GROUP: Domestic

WAFR SITE NO.: WIM-06

MONITORING GROUP NUMBER: D-003
MONITORING GROUP DESC: Wetlands Monitoring

NO DISCHARGE FROM SITE: ☐

MONITORING PERIOD From: _____ To: _____

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Sulfide (Sediment Sampling) PARM Code 00745 U Mon.Site No. WIM-06	Sample									
	Measurement									
	Permit Requirement			Report (Max.)			MG/KG as S		Annually	Grab
PARM Code Mon.Site No.	Sample									
	Measurement									
	Permit Requirement									
PARM Code Mon.Site No.	Sample									
	Measurement									
	Permit Requirement									
PARM Code Mon.Site No.	Sample									
	Measurement									
	Permit Requirement									
PARM Code Mon.Site No.	Sample									
	Measurement									
	Permit Requirement									
PARM Code Mon.Site No.	Sample									
	Measurement									
	Permit Requirement									
PARM Code Mon.Site No.	Sample									
	Measurement									
	Permit Requirement									

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):			

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: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32501

FACILITY: Bayou Marcus Water Reclamation Facility
LOCATION: 3050 Fayal Drive
Wim-06 Pensacola, FL 32526
COUNTY: Escambia

PERMIT NUMBER FL0031801

LIMIT: Final
CLASS SIZE: Major

REPORT: Annual
GROUP: Domestic

WAFR SITE NO.: WIM-07

MONITORING GROUP NUMBER: D-003
MONITORING GROUP DESC: Wetlands Monitoring

NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: To

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Sulfide (Sediment Sampling) PARM Code 00745 V Mon.Site No. WIM-07	Sample									
	Measurement									
	Permit Requirement			Report (Max.)			MG/KG as S		Annually	Grab
PARM Code Mon.Site No.	Sample									
	Measurement									
	Permit Requirement									
PARM Code Mon.Site No.	Sample									
	Measurement									
	Permit Requirement									
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PARM Code Mon.Site No.	Sample									
	Measurement									
	Permit Requirement									
PARM Code Mon.Site No.	Sample									
	Measurement									
	Permit Requirement									

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32501

FACILITY: Bayou Marcus Water Reclamation Facility
LOCATION: 3050 Fayal Drive
Pensacola, FL 32526
COUNTY: Escambia

PERMIT NUMBER FL0031801

LIMIT: Final
CLASS SIZE: Major

REPORT: Annual
GROUP: Domestic

MONITORING GROUP NUMBER: D-003
MONITORING GROUP DESC: Wetlands Monitoring

WAFR SITE NO.: WIM-08

NO DISCHARGE FROM SITE: ☐

MONITORING PERIOD From: _____ To _____

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Sulfide (Sediment Sampling) PARM Code 00745 W Mon.Site No. WIM-08	Sample									
	Measurement									
PARM Code Mon.Site No.	Permit Requirement			Report (Max.)			MG/KG as S		Annually	Grab
	Sample									
PARM Code Mon.Site No.	Measurement									
	Permit Requirement									
PARM Code Mon.Site No.	Sample									
	Measurement									
PARM Code Mon.Site No.	Permit Requirement									
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PARM Code Mon.Site No.	Measurement									
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PARM Code Mon.Site No.	Sample									
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PARM Code Mon.Site No.	Measurement									
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PARM Code Mon.Site No.	Sample									
	Measurement									
PARM Code Mon.Site No.	Permit Requirement									
	Sample									

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: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32501

FACILITY: Bayou Marcus Water Reclamation Facility
LOCATION: 3050 Fayal Drive
Pensacola, FL 32526
COUNTY: Escambia

PERMIT NUMBER FL0031801

LIMIT: Final
CLASS SIZE: Major

REPORT: Annual
GROUP: Domestic

MONITORING GROUP NUMBER: D-003
MONITORING GROUP DESC: Wetlands Monitoring

WAFR SITE NO.: WIM-09

NO DISCHARGE FROM SITE: ☐

MONITORING PERIOD From: _____ To _____

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Sulfide (Sediment Sampling) PARM Code 00745 T Mon.Site No. WIM-09	Sample									
	Measurement									
	Permit Requirement			Report (Max.)			MG/KG as S		Annually	Grab
PARM Code Mon.Site No.	Sample									
	Measurement									
	Permit Requirement									
PARM Code Mon.Site No.	Sample									
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	Permit Requirement									
PARM Code Mon.Site No.	Sample									
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PARM Code Mon.Site No.	Sample									
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	Permit Requirement									
PARM Code Mon.Site No.	Sample									
	Measurement									
	Permit Requirement									

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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PERMITTEE NAME: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32501

PERMIT NUMBER
FL0031801

FACILITY: Bayou Marcus Water Reclamation Facility
LOCATION: 3050 Fayal Drive
Pensacola, FL 32526
COUNTY: Escambia

LIMIT: Final
CLASS SIZE: Major

REPORT: Annual
GROUP: Domestic

MONITORING GROUP NUMBER: D-003
MONITORING GROUP DESC: Wetlands Monitoring

WAFR SITE NO.: WIM-10

NO DISCHARGE FROM SITE: ☐

MONITORING PERIOD From: To

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Sulfide (Sediment Sampling) PARM Code 00745 Z Mon.Site No. WIM-10	Sample									
	Measurement									
	Permit Requirement			Report (Max.)			MG/KG as S		Annually	Grab
	Sample									
PARM Code Mon.Site No.	Measurement									
	Permit Requirement									
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	Measurement									
PARM Code Mon.Site No.	Permit Requirement									
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PARM Code Mon.Site No.	Permit Requirement									
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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)

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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PERMITTEE NAME: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32501

FACILITY: Bayou Marcus Water Reclamation Facility
LOCATION: 3050 Fayal Drive
Pensacola, FL 32526
COUNTY: Escambia

PERMIT NUMBER: FL0031801
LIMIT: Final
CLASS SIZE: Major
MONITORING GROUP NUMBER: D-003
MONITORING GROUP DESC: Wetlands Monitoring
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____
REPORT: Annual
GROUP: Domestic
WAFR SITE NO.: WIM-06

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Woody Vegetation Sampling	Sample									
PARM Code 51053 U Mon.Site No. WIM-06	Measurement									
	Permit Requirement			Report (Max.)			Yes or No		Annually	Field
Threatened & Endangered Plant/Animal Species List	Sample									
PARM Code 51056 U Mon.Site No. WIM-06	Measurement									
	Permit Requirement			Report (Max.)			Yes or No		Annually	Field
Fish Sampling	Sample									
PARM Code 51055 U Mon.Site No. WIM-06	Measurement									
	Permit Requirement			Report (Max.)			Yes or No		Annually	Field
PARM Code Mon.Site No.	Sample									
	Measurement									
PARM Code Mon.Site No.	Permit Requirement									
	Sample									
PARM Code Mon.Site No.	Measurement									
	Permit Requirement									
PARM Code Mon.Site No.	Sample									
	Measurement									
PARM Code Mon.Site No.	Permit Requirement									
	Sample									
PARM Code Mon.Site No.	Measurement									
	Permit Requirement									

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PERMITTEE NAME: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32501

PERMIT NUMBER
FL0031801

LIMIT:	Final	REPORT:	Annual
CLASS SIZE:	Major	GROUP:	Domestic

FACILITY: Bayou Marcus Water Reclamation Facility

LOCATION: 3050 Fayal Drive

Wetlands Monitoring
MONITORING GROUP DESC:

COUNTY: Escambia

MONITORING PERIOD	From:	To

[illegible]

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DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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PERMITTEE NAME: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32501

PERMIT NUMBER
FL0031801

FACILITY: Bayou Marcus Water Reclamation Facility
LOCATION: 3050 Fayal Drive
Pensacola, FL 32526
COUNTY: Escambia

REPORT: Annual
GROUP: Domestic

LIMIT: Final
CLASS SIZE: Major

MONITORING GROUP NUMBER: D-003
MONITORING GROUP DESC: Wetlands Monitoring

NO DISCHARGE FROM SITE: ☐

WAFR SITE NO.: WIM-08

MONITORING PERIOD From: _____ To: _____

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Woody Vegetation Sampling	Sample									
PARM Code 51053 W Mon.Site No. WIM-08	Measurement									
	Permit Requirement			Report (Max.)			Yes or No		Annually	Field
Threatened & Endangered Plant/Animal Species List	Sample									
PARM Code 51056 W Mon.Site No. WIM-08	Measurement									
	Permit Requirement			Report (Max.)			Yes or No		Annually	Field
Fish Sampling	Sample									
	Measurement									
PARM Code 51055 W Mon.Site No. WIM-08	Permit Requirement			Report (Max.)			Yes or No		Annually	Field
	Sample									
	Measurement									
PARM Code Mon.Site No.	Permit Requirement									
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	Measurement									
PARM Code Mon.Site No.	Permit Requirement									
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	Permit Requirement									
	Sample									
	Measurement									

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PERMITTEE NAME: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32501

PERMIT NUMBER: FL0031801
LIMIT: Final
CLASS SIZE: Major

FACILITY: Bayou Marcus Water Reclamation Facility
LOCATION: 3050 Fayal Drive
Pensacola, FL 32526
COUNTY: Escambia

REPORT: Annual Domestic
GROUP: WIM-09
WAFR SITE NO.: D-003
Wetlands Monitoring
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: To

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Woody Vegetation Sampling	Sample									
PARM Code 51053 T Mon.Site No. WIM-09	Measurement									
	Permit Requirement			Report (Max.)			Yes or No		Annually	Field
Threatened & Endangered Plant/Animal Species List	Sample									
	Permit Requirement			Report (Max.)			Yes or No		Annually	Field
PARM Code 51056 T Mon.Site No. WIM-09	Sample									
	Measurement									
PARM Code Mon.Site No.	Permit Requirement									
	Sample									
PARM Code Mon.Site No.	Measurement									
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PARM Code Mon.Site No.	Sample									
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	Sample									
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DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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PERMITTEE NAME: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32501

FACILITY: Bayou Marcus Water Reclamation Facility
LOCATION: 3050 Fayal Drive
Pensacola, FL 32526
COUNTY: Escambia

PERMIT NUMBER FL0031801

LIMIT: Final
CLASS SIZE: Major

REPORT: Annual
GROUP: Domestic

MONITORING GROUP NUMBER: D-003
MONITORING GROUP DESC: Wetlands Monitoring

WAFR SITE NO.: WIM-10

NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: To

Parameter	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Woody Vegetation Sampling	Sample								
PARM Code 51053 Z Mon.Site No. WIM-10	Measurement								
	Permit Requirement			Report (Max.)		Yes or No		Annually	Field
Threatened & Endangered Plant/Animal Species List PARM Code 51056 Z Mon.Site No. WIM-10	Sample								
	Permit Requirement			Report (Max.)		Yes or No		Annually	Field
PARM Code Mon.Site No.	Sample								
	Measurement								
PARM Code Mon.Site No.	Permit Requirement								
	Sample								
PARM Code Mon.Site No.	Measurement								
	Permit Requirement								
PARM Code Mon.Site No.	Sample								
	Measurement								
PARM Code Mon.Site No.	Permit Requirement								
	Sample								
PARM Code Mon.Site No.	Measurement								
	Permit Requirement								

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

GROUND WATER MONITORING WELL REPORT - PART D

County:	Escambia	Monitoring Well ID:	MWC-09
Facility Name:	Bayou Marcus Water Reclamation Facility	Well Type:	Surficial
Permit Number:	FL0031801	Description:	Compliance

Monitoring Period

From: _____ To: _____ Date Sample Obtained: _____

Was the well purged before sampling? Yes No

Time Sample Obtained: _____

[illegible]

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County:	Escambia	Monitoring Well ID:	MWC-10
Facility Name:	Bayou Marcus Water Reclamation Facility	Well Type:	Surficial
Permit Number:	FL0031801	Description:	Compliance

Monitoring Period

Was the well purged before sampling?

From: _____ To: _____

Date Sample Obtained: _____

Time Sample Obtained: _____

Yes No

[illegible]

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County:	Escambia	Monitoring Well ID:	MWC-11
Facility Name:	Bayou Marcus Water Reclamation Facility	Well Type:	Surficial
Permit Number:	FL0031801	Description:	Compliance

Monitoring Period

Was the well purged before sampling?

From: _____ To: _____

Date Sample Obtained: _____

Time Sample Obtained: _____

Yes No

[illegible]

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County:	Escambia	Monitoring Well ID:	MWB-12
Facility Name:	Bayou Marcus Water Reclamation Facility	Well Type:	Surficial
Permit Number:	FL0031801	Description:	Background

Monitoring Period

Was the well purged before sampling?

From: _____ To: _____

Date Sample Obtained: _____

Time Sample Obtained: _____

Yes No

[illegible]

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County:	Escambia	Monitoring Well ID:	MWB-14
Facility Name:	Bayou Marcus Water Reclamation Facility	Well Type:	Surficial
Permit Number:	FL0031801	Description:	Background

Monitoring Period

Was the well purged before sampling?

From: _____ To: _____

Date Sample Obtained: _____

Time Sample Obtained: _____

Yes No

[illegible]

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County:	Escambia	Monitoring Well ID:	MWB-15
Facility Name:	Bayou Marcus Water Reclamation Facility	Well Type:	Surficial
Permit Number:	FL0031801	Description:	Background

Monitoring Period	From: _____	To: _____	Date Sample Obtained: _____
Was the well purged before sampling?	Yes	No	Time Sample Obtained: _____

[illegible]

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: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32502

PERMIT NUMBER FL0031801

REPORT: Annual
GROUP: Domestic

FACILITY: Bayou Marcus Water Reclamation Facility
LOCATION: 3050 Fayal Drive
Pensacola, FL 32526

LIMIT: Final
CLASS SIZE: Major
MONITORING GROUP NUMBER: PRT-I
MONITORING GROUP DESC: Influent Pretreatment

COUNTY: Escambia
NO DISCHARGE FROM SITE: ☐ From: To:
MONITORING PERIOD

Parameter	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
pH	Sample Measurement								
PARM Code 00400 Mon.Site No. PRT-I	Permit Requirement			Report (Min.)	Report (Max.)	SU		Annual	Grab
Oil and Grease, hexane extr method	Sample Measurement								
PARM Code 00552 Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)	MG/L		Annual	Grab
Benzene	Sample Measurement								
PARM Code 34030 Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Bromoform	Sample Measurement								
PARM Code 32104 Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Carbon tetrachloride	Sample Measurement								
PARM Code 32102 Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Chlorobenzene	Sample Measurement								
PARM Code 34301 Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period

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: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-I PERMIT NUMBER: FL0031801

MONITORING PERIOD From: To

Parameter	Quantity or Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Chlorodibromomethane	Sample Measurement							
PARM Code 34306 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Chloroethane, Total Weight	Sample Measurement							
PARM Code 34311 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
2-chloroethyl vinyl ether (mixed)	Sample Measurement							
PARM Code 34576 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Chloroform	Sample Measurement							
PARM Code 32106 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Dichlorobromomethane	Sample Measurement							
PARM Code 32101 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
1,1-dichloroethane	Sample Measurement							
PARM Code 34496 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
1,2-dichloroethane	Sample Measurement							
PARM Code 32103 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
1,1-dichloroethylene	Sample Measurement							
PARM Code 34501 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
1,2-dichloropropane	Sample Measurement							
PARM Code 34541 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
1,3-dichloropropene	Sample Measurement							
PARM Code 77163 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-I PERMIT NUMBER: FL0031801

MONITORING PERIOD From: To

Parameter	Quantity or Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Ethylbenzene	Sample Measurement							
PARM Code 34371 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Methyl bromide	Sample Measurement							
PARM Code 34413 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Methyl chloride	Sample Measurement							
PARM Code 34418 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Methylene chloride	Sample Measurement							
PARM Code 34423 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
1,1,2,2-tetrachloroethane	Sample Measurement							
PARM Code 34516 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Tetrachloroethylene	Sample Measurement							
PARM Code 34475 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Toluene	Sample Measurement							
PARM Code 34010 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
1,2-trans-dichloroethylene	Sample Measurement							
PARM Code 34546 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
1,1,1-trichloroethane	Sample Measurement							
PARM Code 34506 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
1,1,2-trichloroethane	Sample Measurement							
PARM Code 34511 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-I PERMIT NUMBER: FL0031801

MONITORING PERIOD From: To

Parameter	Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Trichloroethylene	Sample Measurement								
PARM Code 39180 Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	4 grabs/24 hr.period
Vinyl chloride	Sample Measurement								
PARM Code 39175 Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	4 grabs/24 hr.period
2-chlorophenol	Sample Measurement								
PARM Code 34586 Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
2,4-dichlorophenol	Sample Measurement								
PARM Code 34601 Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
2,4-dimethylphenol	Sample Measurement								
PARM Code 34606 Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
4,6-dinitro-o-cresol	Sample Measurement								
PARM Code 34657 Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
2,4-dinitrophenol	Sample Measurement								
PARM Code 34616 Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
2-nitrophenol	Sample Measurement								
PARM Code 34591 Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
4-nitrophenol	Sample Measurement								
PARM Code 34646 Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
p-chloro-m-cresol	Sample Measurement								
PARM Code 82627 Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-I PERMIT NUMBER: FL0031801

MONITORING PERIOD From: To

Parameter	Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Pentachlorophenol	Sample Measurement								
PARM Code 39032 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Phenol, Single Compound	Sample Measurement								
PARM Code 34694 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
2,4,6-trichlorophenol	Sample Measurement								
PARM Code 34621 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Acenaphthene	Sample Measurement								
PARM Code 34205 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Acenaphthylene	Sample Measurement								
PARM Code 34200 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Anthracene	Sample Measurement								
PARM Code 34220 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Benzidine	Sample Measurement								
PARM Code 39120 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Benzo(a)anthracene	Sample Measurement								
PARM Code 34526 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Benzo(a)pyrene	Sample Measurement								
PARM Code 34247 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Benzo(b)fluoranthene (3,4-benzo)	Sample Measurement								
PARM Code 79531 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-I PERMIT NUMBER: FL0031801

MONITORING PERIOD From: To

Parameter	Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Benzo(ghi)perylene	Sample Measurement								
PARM Code 34521 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Benzo(k)fluoranthene	Sample Measurement								
PARM Code 34242 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Bis (2-chloroethoxy) methane	Sample Measurement								
PARM Code 34278 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Bis (2-chloroethyl) ether	Sample Measurement								
PARM Code 34273 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Bis (2-chloroisopropyl) ether	Sample Measurement								
PARM Code 34283 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Bis (2-ethylhexyl) phthalate	Sample Measurement								
PARM Code 39100 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
4-bromophenyl phenyl ether	Sample Measurement								
PARM Code 34636 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Butyl benzyl phthalate	Sample Measurement								
PARM Code 34292 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
2-chloronaphthalene	Sample Measurement								
PARM Code 34581 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
4-chlorophenyl phenyl ether	Sample Measurement								
PARM Code 34641 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-I PERMIT NUMBER: FL0031801

MONITORING PERIOD From: To

Parameter	Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Chrysene	Sample Measurement								
PARM Code 34320 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Dibenzo (a,h) anthracene	Sample Measurement								
PARM Code 34556 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
1,2-dichlorobenzene	Sample Measurement								
PARM Code 34536 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
1,3-dichlorobenzene	Sample Measurement								
PARM Code 34566 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
1,4-dichlorobenzene	Sample Measurement								
PARM Code 34571 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
3,3'-dichlorobenzidine	Sample Measurement								
PARM Code 34631 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Diethyl phthalate	Sample Measurement								
PARM Code 34336 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Dimethyl phthalate	Sample Measurement								
PARM Code 34341 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Di-n-butyl phthalate	Sample Measurement								
PARM Code 39110 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
2,4-dinitrotoluene	Sample Measurement								
PARM Code 34611 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-I PERMIT NUMBER: FL0031801

MONITORING PERIOD From: To

Parameter	Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
2,6-dinitrotoluene	Sample Measurement								
PARM Code 34626 G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Mon.Site No. PRT-I	Sample Measurement								
Di-n-octyl phthalate	Sample Measurement								
PARM Code 34596 G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Mon.Site No. PRT-I	Sample Measurement								
1,2-diphenylhydrazine	Sample Measurement								
PARM Code 34346 G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Mon.Site No. PRT-I	Sample Measurement								
Fluoranthene	Sample Measurement								
PARM Code 34376 G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Mon.Site No. PRT-I	Sample Measurement								
Fluorene	Sample Measurement								
PARM Code 34381 G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Mon.Site No. PRT-I	Sample Measurement								
Hexachlorobenzene	Sample Measurement								
PARM Code 39700 G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Mon.Site No. PRT-I	Sample Measurement								
Hexachlorobutadiene	Sample Measurement								
PARM Code 39702 G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Mon.Site No. PRT-I	Sample Measurement								
Hexachlorocyclopentadiene	Sample Measurement								
PARM Code 34386 G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Mon.Site No. PRT-I	Sample Measurement								
Hexachloroethane	Sample Measurement								
PARM Code 34396 G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Mon.Site No. PRT-I	Sample Measurement								
Indeno (1,2,3-Cd) pyrene	Sample Measurement								
PARM Code 34403 G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Mon.Site No. PRT-I	Sample Measurement								

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-I PERMIT NUMBER: FL0031801

MONITORING PERIOD From: To

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Isophorone		Sample Measurement									
PARM Code 34408 Mon.Site No. PRT-I	G	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Naphthalene		Sample Measurement									
PARM Code 34696 Mon.Site No. PRT-I	G	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Nitrobenzene		Sample Measurement									
PARM Code 34447 Mon.Site No. PRT-I	G	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
N-nitrosodimethylamine		Sample Measurement									
PARM Code 34438 Mon.Site No. PRT-I	G	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
N-nitrosodi-n-propylamine		Sample Measurement									
PARM Code 34428 Mon.Site No. PRT-I	G	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
N-nitrosodiphenylamine		Sample Measurement									
PARM Code 34433 Mon.Site No. PRT-I	G	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Phenanthrene		Sample Measurement									
PARM Code 34461 Mon.Site No. PRT-I	G	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Pyrene		Sample Measurement									
PARM Code 34469 Mon.Site No. PRT-I	G	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
1,2,4-trichlorobenzene		Sample Measurement									
PARM Code 34551 Mon.Site No. PRT-I	G	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Aldrin		Sample Measurement									
PARM Code 39330 Mon.Site No. PRT-I	G	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-I PERMIT NUMBER: FL0031801

MONITORING PERIOD From: To

Parameter	Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Alpha-bhc, Dissolved	Sample Measurement								
PARM Code 34253 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
B-bhc-beta	Sample Measurement								
PARM Code 39338 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Gamma BHC (Lindane)	Sample Measurement								
PARM Code 39782 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Delta benzene hexachloride	Sample Measurement								
PARM Code 34259 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Chlordane (tech mix. and metabolites)	Sample Measurement								
PARM Code 39350 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
4,4'-DDT (p,p'-DDT)	Sample Measurement								
PARM Code 39300 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
4,4'-DDE (p,p'-DDE)	Sample Measurement								
PARM Code 39320 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
4,4'-DDD (p,p'-DDD)	Sample Measurement								
PARM Code 39310 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Dieldrin	Sample Measurement								
PARM Code 39380 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
A-endosulfan-alpha	Sample Measurement								
PARM Code 34361 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-I PERMIT NUMBER: FL0031801

MONITORING PERIOD From: To

Parameter	Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
B-endosulfan-beta	Sample Measurement								
PARM Code 34356 Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Endosulfan sulfate	Sample Measurement								
PARM Code 34351 Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Endrin	Sample Measurement								
PARM Code 39390 Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Endrin aldehyde	Sample Measurement								
PARM Code 34366 Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Heptachlor	Sample Measurement								
PARM Code 39410 Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Heptachlor epoxide	Sample Measurement								
PARM Code 39420 Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
PCB-1242	Sample Measurement								
PARM Code 39496 Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
PCB-1254	Sample Measurement								
PARM Code 39504 Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
PCB-1221	Sample Measurement								
PARM Code 39488 Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
PCB-1232	Sample Measurement								
PARM Code 39492 Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-I PERMIT NUMBER: FL0031801

MONITORING PERIOD From: To

Parameter	Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
PCB-1248	Sample Measurement								
PARM Code 39500 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
PCB-1260	Sample Measurement								
PARM Code 39508 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
PCB-1016	Sample Measurement								
PARM Code 34671 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Toxaphene	Sample Measurement								
PARM Code 39400 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Antimony, Total Recoverable	Sample Measurement								
PARM Code 01268 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Arsenic, Total Recoverable	Sample Measurement								
PARM Code 00978 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Beryllium, Total Recoverable	Sample Measurement								
PARM Code 00998 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Cadmium, Total Recoverable	Sample Measurement								
PARM Code 01113 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Chromium, Total Recoverable	Sample Measurement								
PARM Code 01118 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Copper, Total Recoverable	Sample Measurement								
PARM Code 01119 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-I PERMIT NUMBER: FL0031801

MONITORING PERIOD From: To

Parameter	Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Lead, Total Recoverable	Sample Measurement								
PARM Code 01114 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Mercury, Total Recoverable	Sample Measurement								
PARM Code 71901 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	4 grabs/24 hr.period
Nickel, Total Recoverable	Sample Measurement								
PARM Code 01074 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Selenium, Total Recoverable	Sample Measurement								
PARM Code 00981 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Silver, Total Recoverable	Sample Measurement								
PARM Code 01079 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Thallium, Total Recoverable	Sample Measurement								
PARM Code 00982 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Zinc, Total Recoverable	Sample Measurement								
PARM Code 01094 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Cyanide, Total Recoverable	Sample Measurement								
PARM Code 78248 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	4 grabs/24 hr.period
Phenolic Compounds, Total Recoverable	Sample Measurement								
PARM Code 70029 G Mon.Site No. PRT-I	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	4 grabs/24 hr.period
	Sample Measurement								
	Permit Requirement								

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: Emerald Coast Utilities Authority
MAILING ADDRESS: 401 West Government Street
Pensacola, FL 32502

PERMIT NUMBER FL0031801

LIMIT: Final
CLASS SIZE: Major
REPORT: Annual
GROUP: Domestic

FACILITY: Bayou Marcus Water Reclamation Facility
LOCATION: 3050 Fayal Drive
Pensacola, FL 32526

MONITORING GROUP NUMBER: PRT-E
MONITORING GROUP DESC: Effluent Pretreatment

COUNTY: Escambia

NO DISCHARGE FROM ☐
SITE: From: To:
MONITORING PERIOD

Parameter	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
pH	Sample Measurement								
PARM Code 00400 Mon.Site No. PRT-E	Permit Requirement			Report (Min.)	Report (Max.)	SU		Annual	Grab
Oil and Grease, hexane extr method	Sample Measurement								
PARM Code 00552 Mon.Site No. PRT-E	Permit Requirement			Report (An.Avg.)	Report (Max.)	MG/L		Annual	Grab
Benzene	Sample Measurement								
PARM Code 34030 Mon.Site No. PRT-E	Permit Requirement			Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Bromoform	Sample Measurement								
PARM Code 32104 Mon.Site No. PRT-E	Permit Requirement			Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Carbon tetrachloride	Sample Measurement								
PARM Code 32102 Mon.Site No. PRT-E	Permit Requirement			Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Chlorobenzene	Sample Measurement								
PARM Code 34301 Mon.Site No. PRT-E	Permit Requirement			Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period

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: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-E PERMIT NUMBER: FL0031801

MONITORING PERIOD From: To

Parameter	Quantity or Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Chlorodibromomethane	Sample Measurement							
PARM Code 34306 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Chloroethane, Total Weight	Sample Measurement							
PARM Code 34311 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
2-chloroethyl vinyl ether (mixed)	Sample Measurement							
PARM Code 34576 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Chloroform	Sample Measurement							
PARM Code 32106 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Dichlorobromomethane	Sample Measurement							
PARM Code 32101 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
1,1-dichloroethane	Sample Measurement							
PARM Code 34496 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
1,2-dichloroethane	Sample Measurement							
PARM Code 32103 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
1,1-dichloroethylene	Sample Measurement							
PARM Code 34501 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
1,2-dichloropropane	Sample Measurement							
PARM Code 34541 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
1,3-dichloropropene	Sample Measurement							
PARM Code 77163 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-E PERMIT NUMBER: FL0031801

MONITORING PERIOD From: To

Parameter	Quantity or Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Ethylbenzene	Sample Measurement							
PARM Code 34371 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Methyl bromide	Sample Measurement							
PARM Code 34413 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Methyl chloride	Sample Measurement							
PARM Code 34418 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Methylene chloride	Sample Measurement							
PARM Code 34423 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
1,1,2,2-tetrachloroethane	Sample Measurement							
PARM Code 34516 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Tetrachloroethylene	Sample Measurement							
PARM Code 34475 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
Toluene	Sample Measurement							
PARM Code 34010 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
1,2-trans-dichloroethylene	Sample Measurement							
PARM Code 34546 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
1,1,1-trichloroethane	Sample Measurement							
PARM Code 34506 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period
1,1,2-trichloroethane	Sample Measurement							
PARM Code 34511 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	4 grabs/24 hr.period

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-E
MONITORING PERIOD From: To

PERMIT NUMBER: FL0031801

Parameter	Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
			Report (An.Avg.)	Report (Max.)					
Trichloroethylene	Sample Measurement								
PARM Code 39180 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	4 grabs/24 hr.period
Vinyl chloride	Sample Measurement								
PARM Code 39175 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	4 grabs/24 hr.period
2-chlorophenol	Sample Measurement								
PARM Code 34586 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
2,4-dichlorophenol	Sample Measurement								
PARM Code 34601 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
2,4-dimethylphenol	Sample Measurement								
PARM Code 34606 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
4,6-dinitro-o-cresol	Sample Measurement								
PARM Code 34657 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
2,4-dinitrophenol	Sample Measurement								
PARM Code 34616 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
2-nitrophenol	Sample Measurement								
PARM Code 34591 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
4-nitrophenol	Sample Measurement								
PARM Code 34646 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
p-chloro-m-cresol	Sample Measurement								
PARM Code 82627 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-E

PERMIT NUMBER: FL0031801

MONITORING PERIOD From: To

Parameter	Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Pentachlorophenol	Sample Measurement								
PARM Code 39032 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Phenol, Single Compound	Sample Measurement								
PARM Code 34694 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
2,4,6-trichlorophenol	Sample Measurement								
PARM Code 34621 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Acenaphthene	Sample Measurement								
PARM Code 34205 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Acenaphthylene	Sample Measurement								
PARM Code 34200 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Anthracene	Sample Measurement								
PARM Code 34220 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Benzidine	Sample Measurement								
PARM Code 39120 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Benzo(a)anthracene	Sample Measurement								
PARM Code 34526 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Benzo(a)pyrene	Sample Measurement								
PARM Code 34247 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Benzo(b)fluoranthene (3,4-benzo)	Sample Measurement								
PARM Code 79531 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-E
MONITORING PERIOD From: To

PERMIT NUMBER: FL0031801

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Benzo(ghi)perylene	Sample Measurement										
PARM Code 34521 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Benzo(k)fluoranthene	Sample Measurement										
PARM Code 34242 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Bis (2-chloroethoxy) methane	Sample Measurement										
PARM Code 34278 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Bis (2-chloroethyl) ether	Sample Measurement										
PARM Code 34273 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Bis (2-chloroisopropyl) ether	Sample Measurement										
PARM Code 34283 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Bis (2-ethylhexyl) phthalate	Sample Measurement										
PARM Code 39100 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
4-bromophenyl phenyl ether	Sample Measurement										
PARM Code 34636 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Butyl benzyl phthalate	Sample Measurement										
PARM Code 34292 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
2-chloronaphthalene	Sample Measurement										
PARM Code 34581 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
4-chlorophenyl phenyl ether	Sample Measurement										
PARM Code 34641 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-E PERMIT NUMBER: FL0031801

MONITORING PERIOD From: To

Parameter	Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Chrysene	Sample Measurement								
PARM Code 34320 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Dibenzo (a,h) anthracene	Sample Measurement								
PARM Code 34556 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
1,2-dichlorobenzene	Sample Measurement								
PARM Code 34536 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
1,3-dichlorobenzene	Sample Measurement								
PARM Code 34566 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
1,4-dichlorobenzene	Sample Measurement								
PARM Code 34571 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
3,3'-dichlorobenzidine	Sample Measurement								
PARM Code 34631 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Diethyl phthalate	Sample Measurement								
PARM Code 34336 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Dimethyl phthalate	Sample Measurement								
PARM Code 34341 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Di-n-butyl phthalate	Sample Measurement								
PARM Code 39110 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
2,4-dinitrotoluene	Sample Measurement								
PARM Code 34611 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-E
MONITORING PERIOD From: To

PERMIT NUMBER: FL0031801

Parameter	Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
2,6-dinitrotoluene	Sample Measurement								
PARM Code 34626 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Di-n-octyl phthalate	Sample Measurement								
PARM Code 34596 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
1,2-diphenylhydrazine	Sample Measurement								
PARM Code 34346 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Fluoranthene	Sample Measurement								
PARM Code 34376 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Fluorene	Sample Measurement								
PARM Code 34381 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Hexachlorobenzene	Sample Measurement								
PARM Code 39700 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Hexachlorobutadiene	Sample Measurement								
PARM Code 39702 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Hexachlorocyclopentadiene	Sample Measurement								
PARM Code 34386 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Hexachloroethane	Sample Measurement								
PARM Code 34396 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Indeno (1,2,3-Cd) pyrene	Sample Measurement								
PARM Code 34403 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-E
MONITORING PERIOD From: To

PERMIT NUMBER: FL0031801

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Isophorone		Sample Measurement									
PARM Code 34408 Mon.Site No. PRT-E	1	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Naphthalene		Sample Measurement									
PARM Code 34696 Mon.Site No. PRT-E	1	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Nitrobenzene		Sample Measurement									
PARM Code 34447 Mon.Site No. PRT-E	1	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
N-nitrosodimethylamine		Sample Measurement									
PARM Code 34438 Mon.Site No. PRT-E	1	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
N-nitrosodi-n-propylamine		Sample Measurement									
PARM Code 34428 Mon.Site No. PRT-E	1	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
N-nitrosodiphenylamine		Sample Measurement									
PARM Code 34433 Mon.Site No. PRT-E	1	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Phenanthrene		Sample Measurement									
PARM Code 34461 Mon.Site No. PRT-E	1	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Pyrene		Sample Measurement									
PARM Code 34469 Mon.Site No. PRT-E	1	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
1,2,4-trichlorobenzene		Sample Measurement									
PARM Code 34551 Mon.Site No. PRT-E	1	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Aldrin		Sample Measurement									
PARM Code 39330 Mon.Site No. PRT-E	1	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-E
MONITORING PERIOD From: To

PERMIT NUMBER: FL0031801

Parameter	Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Alpha-bhc, Dissolved	Sample Measurement								
PARM Code 34253 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
B-bhc-beta	Sample Measurement								
PARM Code 39338 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Gamma BHC (Lindane)	Sample Measurement								
PARM Code 39782 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Delta benzene hexachloride	Sample Measurement								
PARM Code 34259 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Chlordane (tech mix. and metabolites)	Sample Measurement								
PARM Code 39350 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
4,4'-DDT (p,p'-DDT)	Sample Measurement								
PARM Code 39300 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
4,4'-DDE (p,p'-DDE)	Sample Measurement								
PARM Code 39320 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
4,4'-DDD (p,p'-DDD)	Sample Measurement								
PARM Code 39310 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Dieldrin	Sample Measurement								
PARM Code 39380 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
A-endosulfan-alpha	Sample Measurement								
PARM Code 34361 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-E
MONITORING PERIOD From: To

PERMIT NUMBER: FL0031801

Parameter	Quantity or Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
			Report (An.Avg.)	Report (Max.)				
B-endosulfan-beta	Sample Measurement							
PARM Code 34356 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	24-hr. FPC
Endosulfan sulfate	Sample Measurement							
PARM Code 34351 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	24-hr. FPC
Endrin	Sample Measurement							
PARM Code 39390 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	24-hr. FPC
Endrin aldehyde	Sample Measurement							
PARM Code 34366 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	24-hr. FPC
Heptachlor	Sample Measurement							
PARM Code 39410 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	24-hr. FPC
Heptachlor epoxide	Sample Measurement							
PARM Code 39420 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	24-hr. FPC
PCB-1242	Sample Measurement							
PARM Code 39496 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	24-hr. FPC
PCB-1254	Sample Measurement							
PARM Code 39504 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	24-hr. FPC
PCB-1221	Sample Measurement							
PARM Code 39488 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	24-hr. FPC
PCB-1232	Sample Measurement							
PARM Code 39492 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)	UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-E
MONITORING PERIOD From: To

PERMIT NUMBER: FL0031801

Parameter	Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
PCB-1248	Sample Measurement								
PARM Code 39500 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
PCB-1260	Sample Measurement								
PARM Code 39508 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
PCB-1016	Sample Measurement								
PARM Code 34671 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Toxaphene	Sample Measurement								
PARM Code 39400 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Antimony, Total Recoverable	Sample Measurement								
PARM Code 01268 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Arsenic, Total Recoverable	Sample Measurement								
PARM Code 00978 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Beryllium, Total Recoverable	Sample Measurement								
PARM Code 00998 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Cadmium, Total Recoverable	Sample Measurement								
PARM Code 01113 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Chromium, Total Recoverable	Sample Measurement								
PARM Code 01118 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Copper, Total Recoverable	Sample Measurement								
PARM Code 01119 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Bayou Marcus Water Reclamation Facility

MONITORING GROUP NUMBER: PRT-E

PERMIT NUMBER: FL0031801

MONITORING PERIOD From: To

Parameter	Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Lead, Total Recoverable	Sample Measurement								
PARM Code 01114 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Mercury, Total Recoverable	Sample Measurement								
PARM Code 71901 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	4 grabs/24 hr.period
Nickel, Total Recoverable	Sample Measurement								
PARM Code 01074 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Selenium, Total Recoverable	Sample Measurement								
PARM Code 00981 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Silver, Total Recoverable	Sample Measurement								
PARM Code 01079 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Thallium, Total Recoverable	Sample Measurement								
PARM Code 00982 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Zinc, Total Recoverable	Sample Measurement								
PARM Code 01094 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Cyanide, Total Recoverable	Sample Measurement								
PARM Code 78248 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	4 grabs/24 hr.period
Phenolic Compounds, Total Recoverable	Sample Measurement								
PARM Code 70029 1 Mon.Site No. PRT-E	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	4 grabs/24 hr.period
	Sample Measurement								
	Permit Requirement								

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	CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.	NOD	No discharge from/to site.
DRY	Dry Well	OPS	Operations were shutdown so no sample could be taken.
FLD	Flood disaster.	OTH	Other. Please enter an explanation of why monitoring data were not available.
IFS	Insufficient flow for sampling.	SEF	Sampling equipment failure.
LS	Lost sample.		
MNR	Monitoring not required this period.		

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.

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

IN THE MATTER OF:

IN THE OFFICE OF THE
NORTHWEST DISTRICT

Emerald Coast Utilities Authority
Mr. Patrick L. Byrne, P.E.
Deputy Executive Director
401 West Government Street
Pensacola, FL 32502

Administrative Order No.: AO48NW

DEP Permit No: FL0031801-003-DW1P/NR

_____ /

ORDER ESTABLISHING COMPLIANCE SCHEDULE UNDER SECTION
403.088 (2) (f) , F.S.

I. STATUTORY AUTHORITY

The Department of Environmental Protection (Department) issues this order under the authority of section 403.088 of the Florida Statutes. The Secretary of the Department has delegated this authority to the District, who issues this order and makes the following findings of fact.

II. FINDINGS OF FACT

1. Emerald Coast Utilities Authority is a person under section 402.031 of the Florida Statutes.

2. Emerald Coast Utilities Authority owns and operates the Bayou Marcus Water Reclamation Facility located at 3050 Fayal Drive, Pensacola, FL which discharges reclaimed water into waters of the state as defined in section 403.031

of the Florida Statutes.

3. Emerald Coast Utilities Authority has applied for a permit under Section 403.088(2) of the Florida Statutes.

4. The Bayou Marcus Water Reclamation Facility (WRF) is an existing permitted WRF with a permitted discharge of 8.2 MGD AADF to the Northern portion (642 acres) of the receiving wetlands and Southern receiving wetlands portion (350 acres). The Northern and Southern wetlands permitted capacity has been proportioned by acres in the renewal permit. The proportioned discharge capacity of the Northern portion of the receiving wetlands is 5.3 MGD AADF (642 acres). The proportioned discharge capacity of the Southern portion of the receiving wetlands is 2.9 MGD AADF (350 acres).

5. Emerald Coast Utilities Authority is allowed a reasonable amount of time to comply with the new flow capacity requirements for the Northern and Southern wetlands. The Southern Wetland (350 acres) is not constructed.

Therefore, time is required to do the following:

- Expand the discharge structure for the southern portion (350 acres) of the receiving wetlands (Zones 10 thru 13) or/and
- Submit an application and obtain a Department permit to re-rate the northern and/or southern wetlands.

Under Section 403.0885(2), Florida Statutes, the Department has the power and authority to implement the NPDES program in a manner that is consistent with the Federal Clean Water Act.

6. Sections 403.088(2)(e) and (f) of the Florida Statutes authorize the Department to issue a permit for the discharge of wastes into waters of the state, accompanied by an order establishing a schedule or achieving compliance with all permit conditions if the specified criteria are met.

7. The Department finds that the permittee needs time to demonstrate compliance with the Rule 62-600.400(3)(b) F.A.C.

- (1) There is no present, reasonable, alternative means of disposing of the waste other than by discharging it into waters of the state;
- (2) The granting of an operation permit will be in the public interest; and
- (3) The discharge will not be unreasonably destructive to the quality of the receiving waters.

III. ORDER

Based on the foregoing findings of fact,

IT IS ORDERED,

1. Emerald Coast Utilities Authority shall demonstrate compliance with the new flow limitation within two (2) years from the date of issuance of this administrative order and the permit (PA FILE No. FL0031801-003-DW1P/NR).

2. The following discharge limitations, and other requirements shall be met by the permittee until such time as the WRF can demonstrate compliance with the new limitations for flow as specified in Section II.4 and/or II.5.:

Discharge Monitoring and Reporting Requirements

<u>Parameter</u>	<u>Annual Average</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	<u>Sample Location</u>
Flow	Report	Continuous	Recording flow meters and totalizers	FLW-02

All other conditions and limits of Permit FL0031801-003-DW1P/NR shall remain in full force and effect.

3. The following construction schedule for the facilities shall be followed, unless a revision is issued to amend the schedule:

Implementation Step		Completion Date
1	Complete construction of discharge structures for the Southern Wetlands.	24 months from issuance of the permit renewal.
2	Begin disposal of reclaimed water to the Southern Wetlands.	24 months from issuance of the permit renewal.

4. Emerald Coast Utilities Authority shall provide this office with quarterly reports outlining progress toward compliance with the new effluent flow limitations specified in specific condition I.A.1 of DEP Permit No. FL0031801-003-DW1P/NR, beginning on the first quarter after issuance of this administrative order and the permit (PA FILE No. FL0031801-003-DW1P/NR).

5. Emerald Coast Utilities Authority shall maintain and operate its facilities in compliance with all other conditions of DEP Permit No. FL0031801-003-DW1P/NR.

6. This order may be modified through revisions as set forth in Chapter 62-

620 of the Florida Administrative Code.

7. Reports or other information required by this order shall be sent to:

Greg Smith, C&E, Supervisor
Northwest District Office
Florida Dept. of Environmental Protection
160 Governmental Center
Pensacola, Florida 32502-5794

Phone Number - (850) 595-8300
FAX Number - (850) 595-8392

All FAX copies shall be followed by original copies. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C.

8. This order does not operate as a permit under Section 403.088, Florida Statutes. This order shall be incorporated by reference into DEP Permit No. FL0031801-003-DW1P/NR, which shall require compliance by the permittee with the requirements of this order.

9. Failure to comply with the requirements of this order shall constitute a violation of this order and DEP Permit No. FL0031801-003-DW1P/NR, and may subject the permittee to penalties as provided in section 403.161 of the Florida Statutes.

IV. NOTICE OF RIGHTS

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 enlargement 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 21 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 Statute, must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. Under Section 120.60(3), Florida Statutes, however, any person who has asked the Department for notice of agency action may file a petition within 21 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 within 21 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:

(a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the Department permit identification number and the county in which the subject matter or activity is located;

(b) A statement of how and when each petitioner received notice of the Department action;

(c) A statement of how each petitioner's substantial interests are affected by the Department action;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A statement of facts that the petitioner contends warrant reversal or modification of the Department action;

(f) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; and

(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the 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 is filed in accordance with the above. Upon the timely filing of a petition 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, Mail Station 35, 3900

Commonwealth Boulevard, Tallahassee, Florida, 32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when this permit action is filed with the clerk of the Department.

DONE AND ORDERED on this 16th day of November 2007 in Pensacola, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



David P. Morres
Program Administrator
Water Facilities

Northwest District Office
Florida Dept. of Environmental Protection
160 Governmental Center
Pensacola, Florida 32502-5794

FILED AND ACKNOWLEDGED on this date, under section 120.52 (11) of the Florida Statutes, with the designated Department Clerk, receipt of which is acknowledged.

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this Order and all copies were e-mailed before the close of business.


Name

November 16, 2007

Date

Copies furnished to:

Donald C. Palmer, P.E., Emerald Coast Utilities Authority (dpalmer@ecua.org)
Virginia Buff, EPA (buff.virginia@epamail.epa.gov)
Duncan J. Cairns, NFWFMD (duncan.cairns@nwfwmd.state.fl.us)
Environmental Health Director, Escambia County Public Health Department
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Chair, Escambia County Board of County Commissioners, Mike Whitehead
(district1@co.escambia.fl.us)
Escambia County Administrator, (Interim) Bob McLaughlin
(bob_mclaughlin@co.escambia.fl.us)
Keith Wilkins (keith_wilkins@co.escambia.fl.us)

Carol Moore, Emerald Coast Keepers (gckeeperivers@cs.com)
Jackie Lane (jlane88@bellsouth.net)
Friends of Peridido Bay (info@perdidobay.org)
Linda Young, Clean Water Network, Southeast Regional Office (llyoung@igc.org)
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