

FLORIDA GULF OF MEXICO RESTORATION

PROJECT SUBMITTAL FORM

Form Purpose and Instructions:

- To assist the project proposal and review process, please complete this Submittal Form. Completion of the Form will contribute to the appropriate information being completely and accurately submitted for each project.
- Take as much space as needed for each question, but please keep responses as focused as possible. It may assist you to review all the questions before addressing any one question.
- Please submit one Form per project, if you have multiple projects - please submit one Form for each project.
- Please submit completed Forms to Restoration.Projects@dep.state.fl.us. Once your Form is successfully submitted, you will receive a confirmation email from the Florida Department of Environmental Protection.

Project Name:

Contact Information *(Include at least one name, phone number, email address, and organization name if applicable):*

Project Location *(Include a map, if possible, and the city, county, longitude/latitude, and watershed):*

Project Description *(Describe all aspects of the project):*

Estimated Project Costs *(Describe the estimated costs of the project, including any assumptions for contingency and ongoing operations/maintenance. Identify other secured funding sources such as matching funds, in-kind contributions or state/federal dollars. In addition, if possible, complete and submit the Cost Appendix Sheet associated with this Form):*

Other Funding *(Indicate if the project is submitted for any potential funding or if it may be used to leverage additional funding, if so please describe the funding source [e.g. State/Federal Grants]):*

Technical Feasibility *(Describe the technologies involved and any relevant past experience or proven success with similar projects):*

Environmental Benefits *(Describe the nature, magnitude, and timing of any environmental benefits attributable to the project. If possible, describe potential environmental performance measures [e.g. pollutant reduction]. Please address any potential environmental impacts associated with implementing or maintaining the project [e.g. loss of a habitat or conversion of habitat from one type to another during implementation]):*

Economic and Social Benefits *(Describe the economic and social benefits including those related to the project's improved ecosystem services and any estimates on jobs created or preserved):*

Community Resilience *(Describe if the project assists Florida's ability to anticipate, withstand, or recover from hazards or threats [e.g. hurricane preparedness, establishing living shorelines]):*

Conflicts or Complements to Existing Efforts *(Describe any ongoing activities in the project implementation area, if the project is part of another plan, and why the project does or does not interfere with that work. Please consider how the project may complement existing local, regional, and state efforts/plans/objectives):*

Complies with Federal, State, Local, and Tribal Laws/Regulations *(Describe any concerns or potential conflicts):*

Readiness for Implementation *(Describe if the project has had any design or permitting work started or completed [attach permits or design work]. Please address any issues that may delay start or finish of the project):*

Public Acceptance *(Describe any known or potential public approval or opposition to the project):*

Additional Information you wish to provide *(Please include any maps, designs, drawings, photos, or background resources that may assist in completely and accurately understanding the project):*

Cost Appendix Sheet	
Cost Item	Cost Estimate
Planning	
Planning Subtotal:	
Construction	
Construction Subtotal:	
Monitoring	
Monitoring Subtotal:	
Project Cost	
Subtotal:	
TOTAL:	

Estimated Costs by Year	
Year 1	
Year 2	
Year 3	
Year 4	
Year 5	
Year 6	

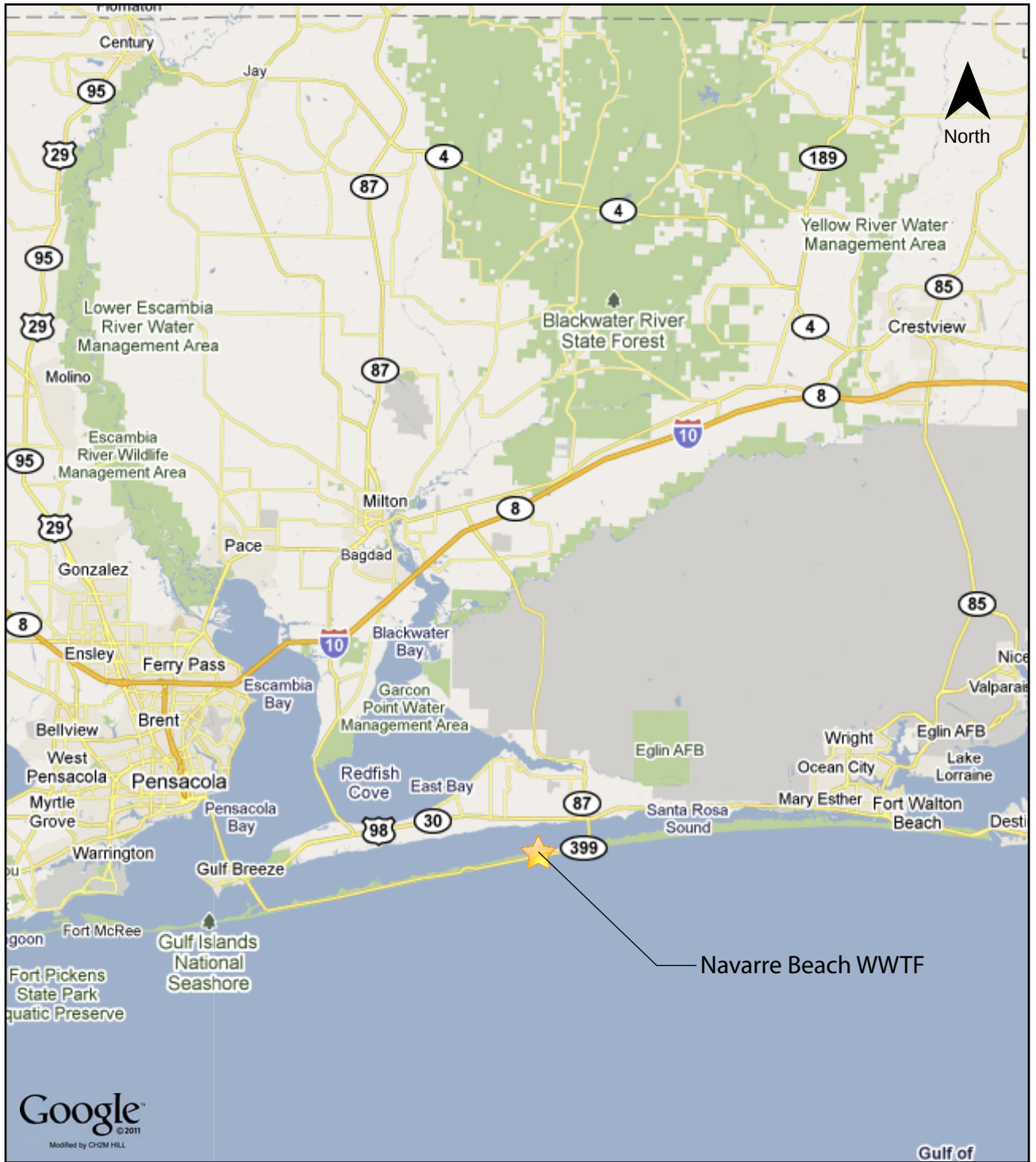
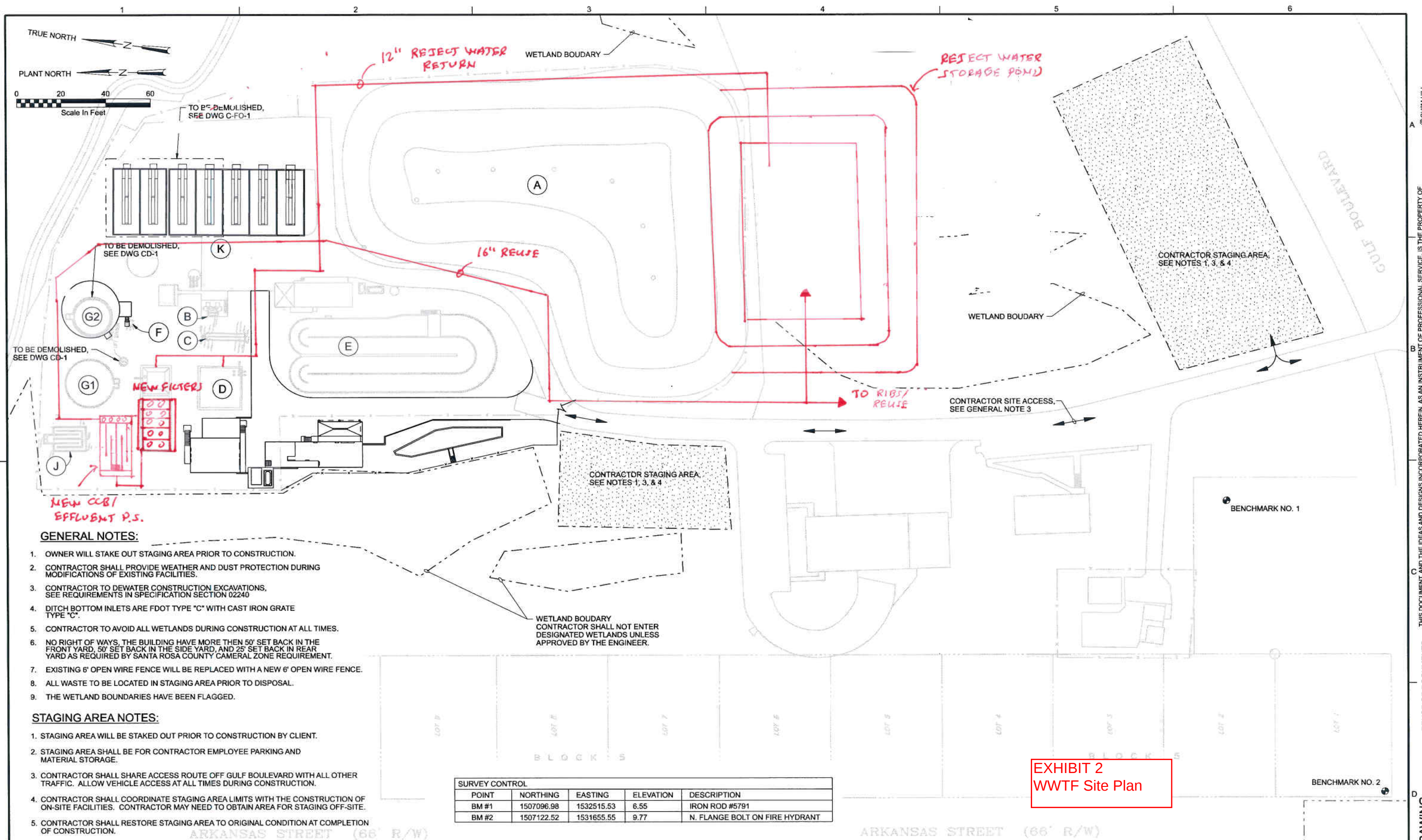


EXHIBIT 1
Navarre Beach WWTF Location Map



© CH2M HILL

REUSE OF DOCUMENTS:
THIS DOCUMENT, AND THE IDEAS AND DESIGNING INCORPORATED HEREIN, AS AN INSTRUMENT OF PROGRESSIVE SERVICE, IS THE PROPERTY OF CH2M HILL AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CH2M HILL.

RECORD DRAWING

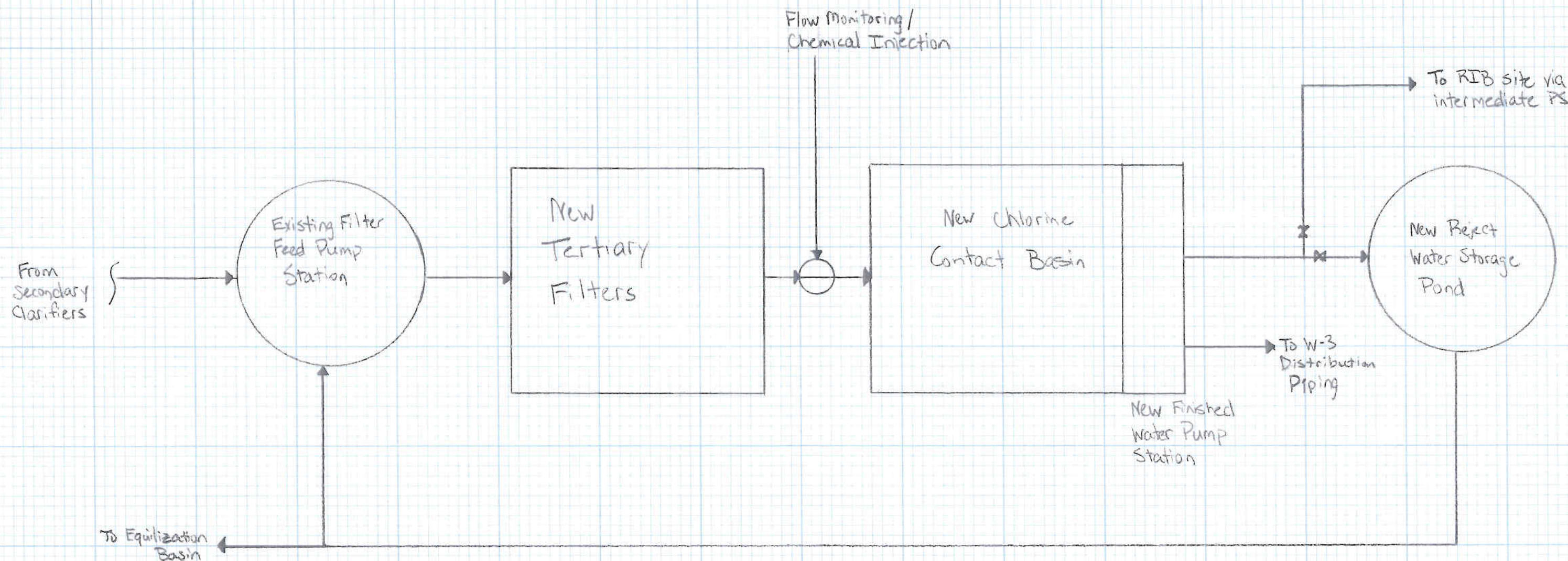


EXHIBIT 3
Process Flow Diagram for Proposed
WWTF Upgrades

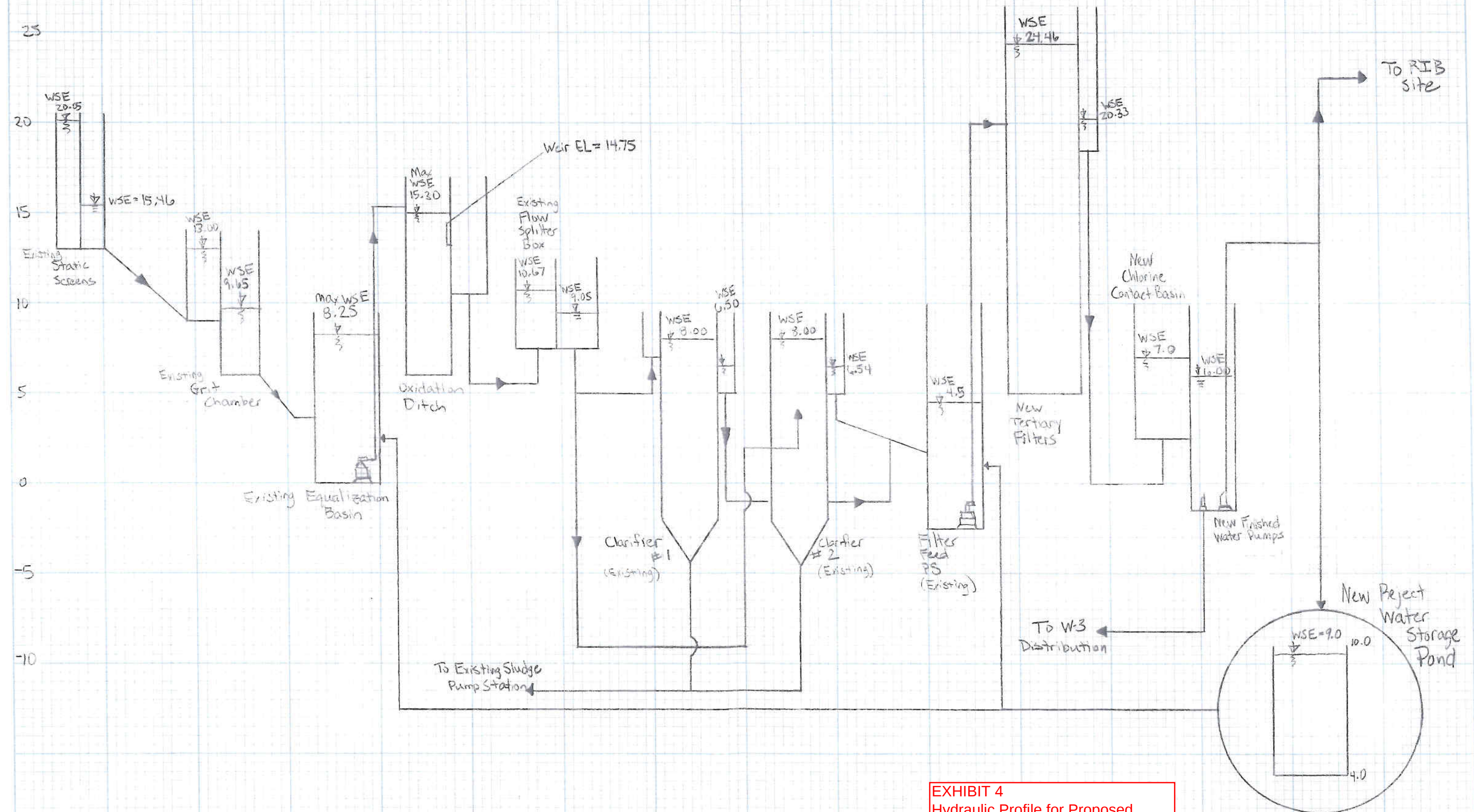
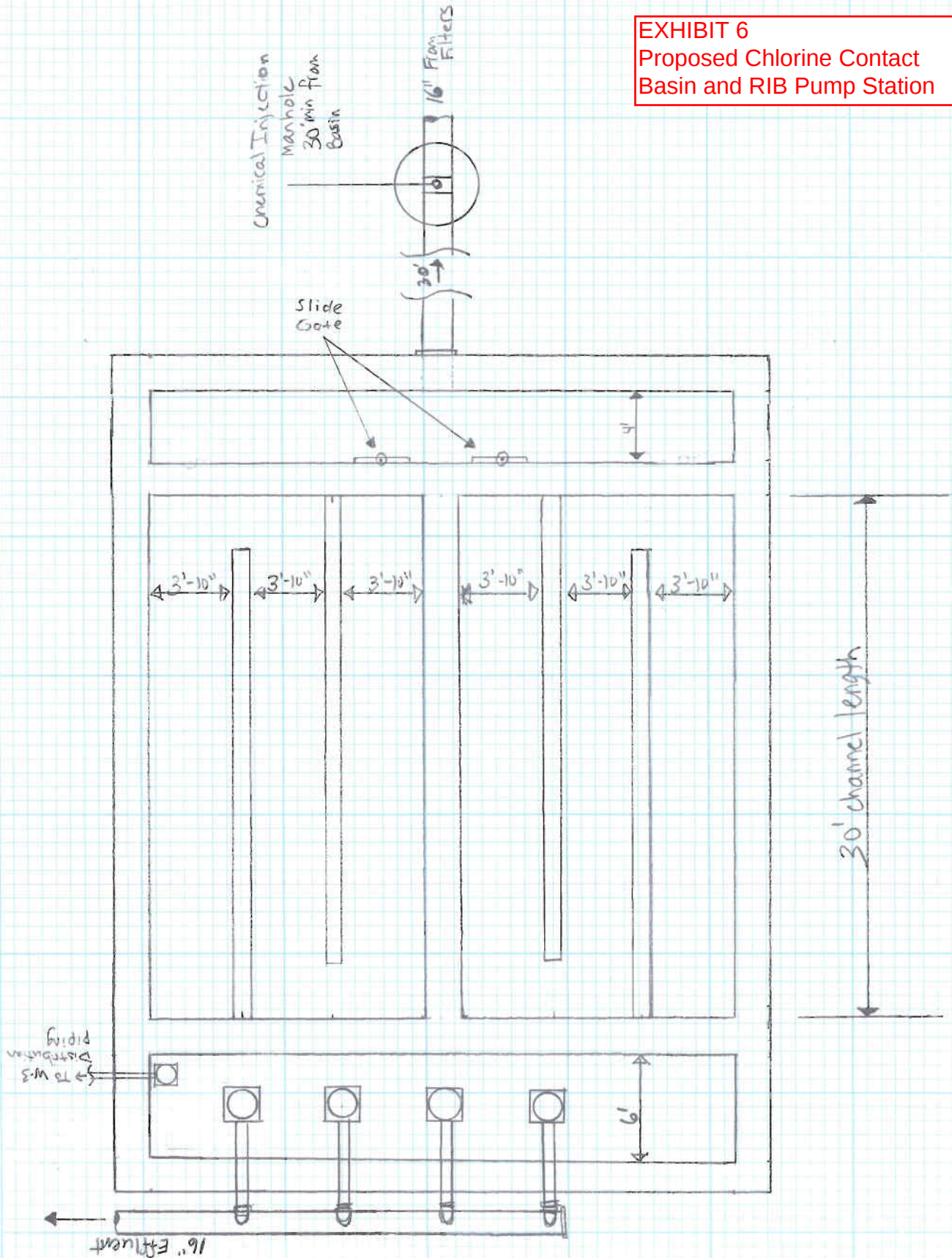


EXHIBIT 4
Hydraulic Profile for Proposed
WWTF Improvements



REV 10/96 FORM 18E

EXHIBIT 6
Proposed Chlorine Contact
Basin and RIB Pump Station



Pump Station

WWTF

Route 1

Route 1 SSRUS Ext

Route 1, HNWS Interconnect

Proposed Site for RIBs

Bathymetric Contour (ft)

Streams

Highway

Local Road

0

2,500

5,000

Feet

EXHIBIT 7

Proposed Pipe Route from WWTF to RIBs

CH2MHILL

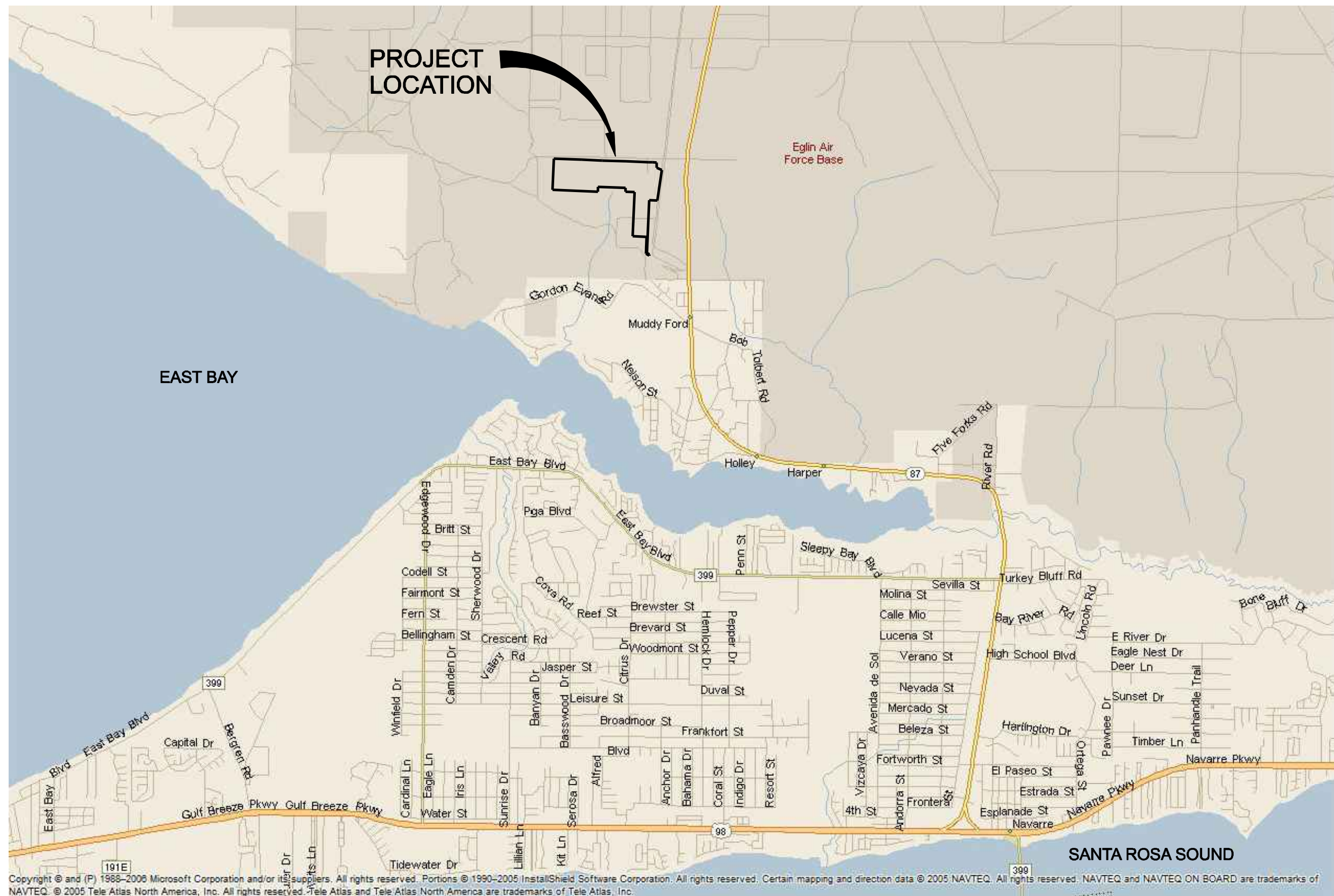
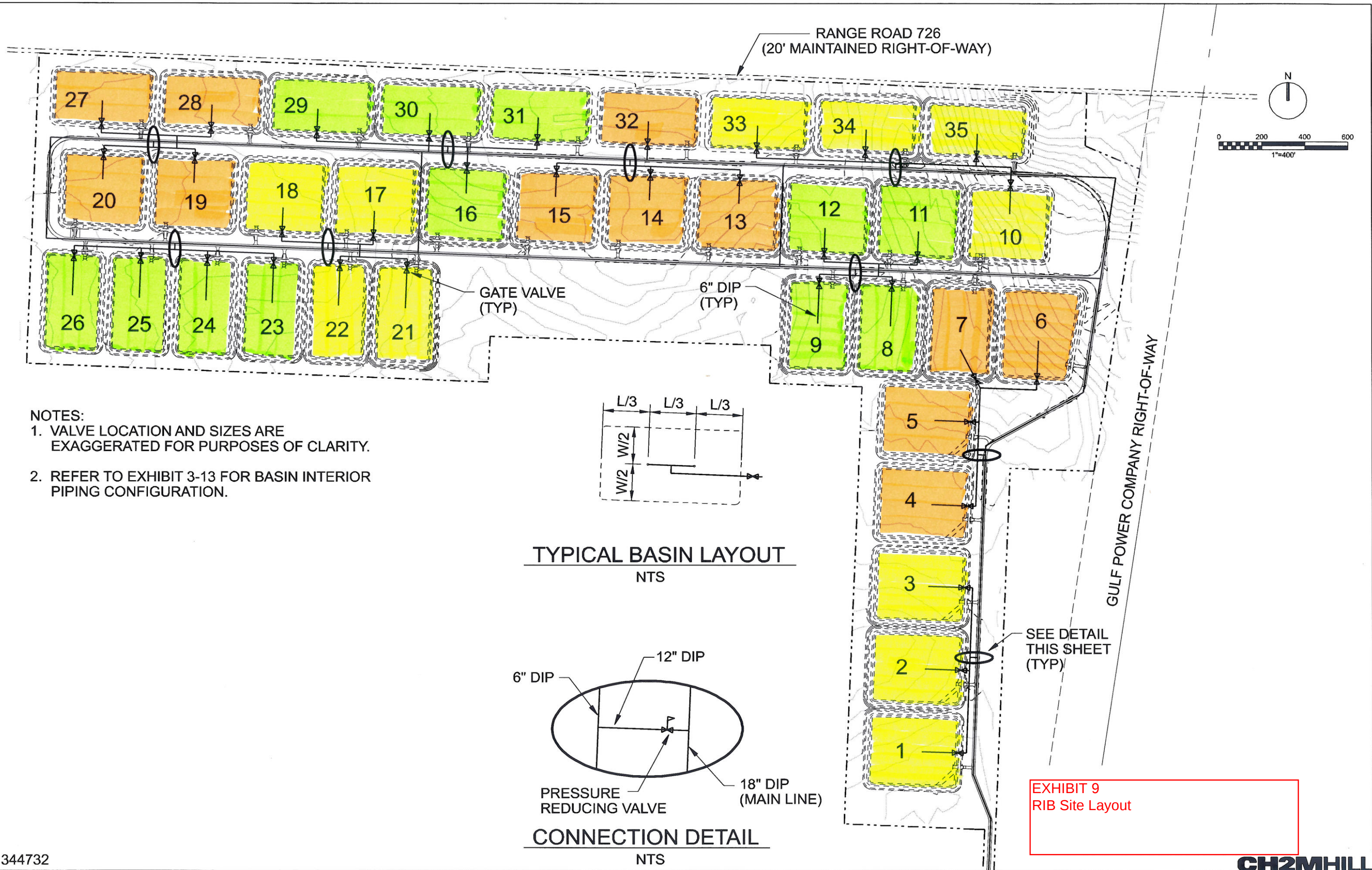


EXHIBIT 8
RIB Site Location Map





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

September 8, 2010

BY ELECTRONIC MAIL

rogerb@santarosa.fl.gov

In the Matter of an
Application for Permit by:

Santa Rosa County Board of County Commissioners
Roger A Blaylock, P.E.
County Engineer
6051 Old Bagdad Highway, Suite 3001
Milton, Florida 32583

File No. FLA349721-002-DW1R/NR
Santa Rosa County

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number FLA349721-002-DW1R/NR to construct and operate the Santa Rosa County Regional Reclaimed Water System, issued under Chapter 403, Florida Statutes (F.S.)

The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S., within fourteen days of receipt of notice. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. 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 (F.A.C.), a person may request an extension of the time for filing a petition for an administrative hearing. The request must be filed (received by the Clerk) in the Office of General Counsel before the end of the time period for filing a petition for an administrative hearing.

Petitions by the applicant or any of the persons listed below must be filed within fourteen days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first. Section 120.60(3), F.S., however, also allows that any person who has asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition or request for an extension of time within fourteen days of receipt of notice shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S. 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, F.A.C.

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

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

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

Mediation under Section 120.573, F.S., is not available for this proceeding.

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

Any party to the permit has the right to seek judicial review of the permit action under Section 120.68, F.S., by the filing of a notice of appeal under Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when this permit action is filed with the Clerk of the Department.

Executed in Pensacola, Florida.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION



David Morris, P.E.
Program Administrator

FILING AND ACKNOWLEDGMENT

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

CERTIFICATE OF SERVICE

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


Name

September 8, 2010

Date

Enclosures:

Permit, File No. FLA349721-002-DW1R/NR

Statement of Basis, File No. FLA349721-002-DW1R/NR

c:

Joe Klaus, P.E., CH2M HILL, Pensacola (Joe.Klaus@Ch2m.com)

Colonel David H. Maharrey, Jr., Eglin Air Force Base (david.maharrey@eglin.af.mil)

Russell A. Brown, Eglin Air Force Base (russell.brown@eglin.af.mil)

Duncan J. Cairns, NWFWM (duncan.cairns@nwfwmd.state.fl.us)

Chair, Santa Rosa County Board of Commissioners (comm-goodin@santarosa.fl.gov)

Santa Rosa County Department of Health (anne_anderson@doh.state.fl.us)

Elsa Potts, P.E., FDEP, BWFR (elsa.potta@dep.state.fl.us)

Toni Edwards, FDEP, NW District (toni.edwards@dep.state.fl.us)



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

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Santa Rosa County Board of County Commissioners

PERMIT NUMBER: FLA349721-002
FILE NUMBER: FLA349721-002-DWIR/NR
ISSUANCE DATE: September 8, 2010
EXPIRATION DATE: September 7, 2015

RESPONSIBLE OFFICIAL:

Roger A Blaylock, P.E.
6051 Old Bagdad Highway Suite 300
Milton, Florida 32583
(850) 981-7100

FACILITY:

Santa Rosa County Regional Reclaimed Water System
West of Highway 87, North of Holley,
South of Range Road 726, South East of Auxiliary Field 10
Eglin AFB Reservation, Santa Rosa County
Latitude: 30° 28' 48" N Longitude: 86° 55' 30" W

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

WASTEWATER TREATMENT:

There is no wastewater treatment facility included in this permit. Individual wastewater treatments plants (WWTP) will need their individual permits revised to authorize them to direct reclaimed water to this Regional Rapid Infiltration Basin (RIB) facility. The reuse of reclaimed water from the Navarre Beach WWTP is intended to be the first WWTP to be connected to the System. The permit will need to be revised to authorize the construction of reclaimed water transmission pipeline from the Navarre Beach WWTP to the Regional Reclaimed Water System. The Regional Reclaimed Water System will have reserve capacity for future needs of South Santa Rosa County. Reclaimed water will meet the minimum criteria of Rule 62-610.510 F.A.C. with high-level disinfection.

REUSE:

Land Application R-001: A 7 million gallons per day (MGD) annual average daily flow (AADF) regional reclaimed water reuse system Reuse System R-001 consisting of a series of rapid infiltration basins (RIB) to be constructed in three phases to reuse 2 MGD AADF in Phase 1, an additional 3 MGD AADF in Phase 2, and an additional 2MGD AADF in Phase 3. The RIB will be flow-limited to 2.0 MGD AADF during operation in Phase 1, 5.0 MGD while operating in Phase 2 and 7.0 MGD while operating in Phase 3.

PERMITTEE: Santa Rosa County Board of County Commissioners
FACILITY: Santa Rosa County Regional Reclaimed Water System

PERMIT NUMBER: FLA349721-002-DW1R/NR
Page 2 of 14

The proposed rapid infiltration basin system (R-001) will consist of 38 rapid rate infiltration basins (RIBS) to be constructed in three phases on a total of 85.5 wetted acres of the 328 acres site. See Attachment 1 and 2 from application exhibit ES-1, and "Conceptual layout of the Rapid Infiltration Basins," application exhibit 7-3, respectively.

RIB - Phase 1 will consist of the construction of 12 RIBS for a total bottom area of 24 acres located approximately at latitude 30° 28' 57" N, longitude 86° 55' 11" W.

RIB - Phase 2 will consist of the construction of an additional 15 RIBS with a total bottom area of 37.5 acres located approximately at latitude 30° 28' 40" N, longitude 86° 55' 02" W.

RIB - Phase 3 will consist of the construction of an additional 11 RIBS with a total bottom area of 24 acres located approximately at latitude 30° 28' 40" N, longitude 86° 54' 48" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements, and other conditions set forth in this cover sheet and Part I through Part IX on pages 1 through 14 of this permit.

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

- During the period beginning upon placing the new facilities into operation and lasting through the expiration date of this permit, the permittee is authorized to accept reclaimed water to reuse system R-001 located at Rapid Infiltration Basin (RIB) land Application Site RIB-01 that has been authorized through an individual wastewater treatment facility permit. Such reclaimed water shall be limited and monitored through the individual wastewater treatment facility permit that authorizes the use of this Regional RIB. Such reclaimed water shall be limited and monitored by the permittee as specified below:

Monitoring Requirements								
Parameter	Units	Max/Min	Annual Average	Monthly Average	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow								
Phase 1	MGD	Maximum	2.0	Report	Continuous	Flow-meter	FLW-01	See I. A.3.
Phase 2*	MGD	Maximum	5.0					
Phase 3*	MGD	Maximum	7.0					

*Phase 2 and Phase 3 are projected to be constructed in year 2020 and 2025 respectively.

- Reclaimed water flow measurement shall be taken at monitoring site location listed in Permit Condition I.A.1 and as described below:

Monitoring Site	Description of Monitoring Site
FLW-01	Recording Flow meter and totalized

- A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. [62-601.200(17) and .500(6)]

B. Other Limitations and Monitoring and Reporting Requirements

- Monitoring requirements under this permit are effective on the first day of the second month following placing the new facilities into operation. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e. monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

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

PERMITTEE: Santa Rosa County Board of County Commissioners
FACILITY: Santa Rosa County Regional Reclaimed Water System

PERMIT NUMBER: FLA349721-002-DW1R/NR
Page 4 of 14

DMRs shall be submitted for each required monitoring period including months of no discharge. The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department by the twenty-eighth (28th) of the month following the month of operation at the address specified below:

Florida Department of Environmental Protection
Wastewater Compliance Evaluation Section, Mail Station 3551
Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

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

2. The permittee shall submit an Annual Reuse Report using DEP Form 62-610.300(4)(a)2. on or before January 1 of each year. *[62-610.870(3)]*
3. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Northwest District Office at the address specified below:

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

Phone Number - (850)595-8300

FAX Number - (850)595-8393

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

[62-620.305]

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

II. RESIDUALS MANAGEMENT REQUIREMENTS

Section II is not applicable to this facility.

III. GROUND WATER REQUIREMENTS

1. The permittee shall give at least 72-hours notice to the Department's Northwest District Office, prior to the installation of any monitoring wells. *[62-620.320(6) & 62-520.600(5)(h)]*
2. Prior to construction of ground water monitoring wells, a soil boring shall be made at each monitoring well location in order to properly determine the well depth and screen interval. *[62-520.900(3)]*
3. Within 30 days after installation of a monitoring well, the permittee shall submit to the Department's Northwest District Office detailed information on the well's location and construction on the DEP Form(s) 62-520.900(3), Monitoring Well Completion Report. *[62-530.600 (j) and 62-520.900(3)]*
4. Within 60 days after installation of any monitoring well, a properly scaled figure depicting monitoring well locations (active and abandoned) with identification numbers shall be submitted to the appropriate permitting program at the Department's District office that issued the permit. The figure also shall include the monitoring well, top of casing, and ground surface elevations referenced to the National Geodetic Vertical Datum (NGVD) of 1929 or to the North American Vertical Datum (NAVD 1988) and measured to the nearest 0.01 foot, along with monitoring well location latitude and longitude to the nearest 0.1 seconds. *[62-520.600 (6)(i)]*
5. All piezometers and monitoring wells not part of the approved ground water monitoring plan are to be plugged and abandoned in accordance with Rule 62-532.500(4), F.A.C., unless future use is intended. *[62-532.500(4)]*

6. Prior to discharge to Reuse System R-001, the permittee shall characterize the ground water quality by sampling MWC-02 for primary and secondary drinking water parameters, and submit the results to the Department's Northwest District Office. [62-520.600(5)(a)2.]
7. For the Part IV land application system(s), all ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. The zone of discharge for Land Application Site R-001 shall extend horizontally 100 feet from the application site and vertically to the base of the surficial aquifer. [62-520.200(27)] [62-520.465]
8. Two quarters prior to placing the Reuse System R-001 in operation, the permittee shall begin sampling ground water at the new monitoring wells for Phase I identified in Permit Condition III.9. in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-520.600, F.A.C. [62-520.600] [62-610.510]
9. The following monitoring wells shall be sampled for Reuse System R-001 located at Land Application Site Rapid Infiltration Basins.

Well ID	Description of Monitoring Location	Aquifer Monitored	New or Existing
MWB-01	Phase I Background Well	Surficial	new
MWC-02	Phase I Compliance Well	Surficial	new
MWC-03	Phase I Compliance Well	Surficial	new
MWI-04	Phase I Intermediate Well	Surficial	Existing
MWC-05	Phase 2 Compliance Well	Surficial	new
MWC-06	Phase 2 Compliance Well	Surficial	new
MWC-07	Phase 3 Compliance Well	Surficial	new
MWC-08	Phase 3 Compliance Well	Surficial	new
MWC-09	Phase 3 Compliance Well	Surficial	new

MWB = Background; MWI = Intermediate; MWC = Compliance

[62-522.600][62-610.510(3)]

10. The following parameters shall be analyzed for each monitoring well identified in Permit Condition III.9.:

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

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

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

14. Ground water monitoring test results shall be submitted on Part D of Form 62-620.910(10) in accordance with Permit Condition I.B.1. [62-520.600(11)(b)] [62-601.300(3), 62.601.700, and Figure 3 of 62-601.] [62-620.610(18)]
15. If any monitoring well becomes damaged or inoperable, the permittee shall notify the Department's Northwest District Office immediately and a detailed written report shall follow within seven days. The written report shall detail what problem has occurred and remedial measures that have been taken to prevent recurrence. All monitoring well design and replacement shall be approved by the Department's Northwest District Office prior to installation. [62-520.600] [62-620.320(6)]
16. If the concentration for any constituent listed in Permit Condition III. 9. 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)]
17. 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 (NGVD allowable) at a precision of plus or minus 0.1 foot. [62-610.510(3)(b)]
18. The following ambient surface water monitoring sites surrounding tributaries listed below shall be sampled in accordance with the monitoring frequencies specified in Permit Condition III.19 for Reuse System R-001. The monitoring site locations are shown on the attached Ground Water Monitoring Site Map G-7: [62-610.417(2), FAC]

SW Monitoring Site	Description of Monitoring Location	Water Body
SWA-01	Un-named creek crossing Gordon Evans Road	Un-named creek flowing to Miller Bayou
SWA-02	Long Branch (upper reach at Range Road 726 crossing)	Long Branch
SWA-03	West Head Branch crossing at Vonnice Tolbert Road	West Head Branch

[62-610.850(1)(a)]

19. Upon placing the Santa Rosa County RIB in operation, the permittee shall begin sampling the surface water sites, identified in permit condition III.18, shall be monitored for the parameters listed below quarterly except stream condition index, which will be monitored one time before completion of construction to establish a baseline and continued at the listed frequency thereafter. Bi-annual samples shall be performed during the summer season.

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

*SCI shall be monitored with a predischage sample then biennially during the month of June, July or August, after the facility is put in service.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

A. Part IV Rapid Infiltration Basins

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. *[62-610.518]*
2. The annual average hydraulic loading rate for all three phases shall be limited to a maximum of 3 inches per day (as applied to the entire bottom area). *[62-610.523(3)]*
3. All rapid infiltration basins shall be loaded for 7 days and shall be rested a minimum of 7 days. Infiltration ponds, basins, or trenches shall be allowed to dry during the resting portion of the cycle. *[62-610.523(4)]*
4. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. *[62-610.523(6) and (7)]*
5. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. *[62-610.514 and 62-610.414]*
6. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as an abnormal event to the Department's Northwest District Office within 24 hours of an occurrence. The provisions of Rule 62-610.800(9), F.A.C., shall be met. *[62-610.800(9)]*

V. OPERATION AND MAINTENANCE REQUIREMENTS

A. Staffing Requirements

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of an operator certified in accordance with Chapter 62-602, F.A.C. The facility will be supervised by a Class C or higher operator ½ hours/day for 5 days/week and one visit on a weekend day. The lead operator must be a Class C operator, or higher. *[62-620.320(6)]*
2. 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(1)]*

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

1. When the three-month average daily flow for the most recent three consecutive months exceeds 50 percent of the permitted capacity of the treatment plant or reuse and disposal systems, the permittee shall submit to the Department a capacity analysis report. This initial capacity analysis report shall be submitted within 180 days after the last day of the last month of the three-month period referenced above. The capacity analysis report shall be prepared in accordance with Rule 62-600.405, F.A.C. *[62-600.405(4)]*
2. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. *[62-600.735(1)]*

C. Recordkeeping Requirements

1. The permittee shall maintain the following records and make them available for inspection at Navarre Beach Utility Office, 1441 Utility Drive, Navarre Beach, Florida 32566, phone number (850) 936-6110.
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;

PERMITTEE: Santa Rosa County Board of County Commissioners
FACILITY: Santa Rosa County Regional Reclaimed Water System

PERMIT NUMBER: FLA349721-002-DWIR/NR
Page 8 of 14

- b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
- c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;
- d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
- e. A copy of the current permit;
- f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
- g. A copy of any required record drawings;
- h. Copies of the licenses of the current certified operators; and
- i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and license number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities, including any preventive maintenance or repairs made or requested; results of tests performed and samples taken, unless documented on a laboratory sheet; and notation of any notification or reporting completed in accordance with Rule 62-602.650(3), F.A.C. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350, 62-602.650]

VI. SCHEDULES

1. The following schedule is based on projections submitted by the permittee and is not binding:

Improvement Action	Completion Date
1. Preliminary Plans Complete	May 30, 2008
2. Final Plans and Specifications Complete	September 30, 2011
3. Financing Complete	September 30, 2011
4. Site acquired	September 30, 2011
5. Submit Binding Agreement required by Condition VIII.5. to DEP	January 1, 2012
6. Phase I Construction Begin	January 31, 2012
7. Phase I Construction End	January 31, 2013
8. Begin Reuse	December 31, 2013
9. Operational Level Attained	December 31, 2013
10. Complete Phase 2 - Expansion to 5.0 MGD Capacity	Year 2020
11. Complete Phase 3 - Expansion to 7.0 MGD Capacity	Year 2025

[62-620.320(6)]

2. If the permittee wishes to continue operation of this wastewater facility after the expiration date of this permit, the permittee shall submit an application for renewal no later than one-hundred and eighty days (180) prior to the expiration date of this permit. Application shall be made using the appropriate forms listed in Rule 62-620.910, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C.
[62-620.335(1) and (2)]

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

This facility is not required to have a pretreatment program at this time.

VIII. OTHER SPECIFIC CONDITIONS

1. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. [62-600.410(8) and 62-640.400(6)]
2. The treatment facility, storage ponds for Part II systems, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. [62-610.518(1) and 62-600.400(2)(b)]
3. Where required by Chapter 471 or Chapter 492, F.S., applicable portions of reports that must be submitted under this permit shall be signed and sealed by a professional engineer or a professional geologist, as appropriate. [62-620.310(4)]
4. The permittee shall provide verbal notice to the Department's Northwest District Office as soon as practical after discovery of a sinkhole or other karst feature within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department's Northwest District Office in a written report within 7 days of the sinkhole discovery. [62-620.320(6)]
5. Upon reaching an agreement with Eglin Air Force Base to use the land identified in the application for reuse of reclaimed water and related activities, the permittee shall provide a copy of the binding agreement to the Department no later than 30 days before starting construction of the facility. [62-610.320(1)(b)]
6. Prior to placing the new facilities into operation or any individual unit processes into operation, for any purpose other than testing for leaks and equipment operation, the permittee shall complete and submit to the Department DEP Form 62-620.910(12), Notification of Completion of Construction for Wastewater Facilities or Activities. [62-620.410(7)]
7. Within six months after a facility is placed in operation, the permittee shall provide written certification to the Department on Form 62-620.910(13) that record drawings pursuant to Chapter 62-600, F.A.C., and that an operation and maintenance manual pursuant to Chapters 62-600 and 62-610, F.A.C., as applicable, are available at the location specified on the form. [62-620.410(6) and 62-620.630(7)]

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:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.[62-620.610(9)]
10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, F.S., or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. [62-620.610(10)]
11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. [62-620.610(11)]

12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility or activity and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*
16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, F.A.C., and the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2), F.A.C., for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16)]*
17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
 - a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.*[62-620.610(17)]*
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246 and Chapters 62-160, 62-601, and 62-610, F.A.C., and 40 CFR 136, as appropriate.
 - a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.
 - b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.

PERMITTEE: Santa Rosa County Board of County Commissioners
FACILITY: Santa Rosa County Regional Reclaimed Water System

PERMIT NUMBER: FLA349721-002-DW1R/NR
Page 12 of 14

- e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.
- f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220, and 62-160.330, F.A.C.

[62-620.610(18)]

- 19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. [62-620.610(19)]
- 20. The permittee shall report to the Department's Northwest District Office any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
 - a. The following shall be included as information which must be reported within 24 hours under this condition:
 - (1) Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 - (2) Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 - (3) Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 - (4) Any unauthorized discharge to surface or ground waters.
 - b. Oral reports as required by this subsection shall be provided as follows:
 - (1) For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph (a)4. that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Warning Point:
 - (a) Name, address, and telephone number of person reporting;
 - (b) Name, address, and telephone number of permittee or responsible person for the discharge;
 - (c) Date and time of the discharge and status of discharge (ongoing or ceased);
 - (d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
 - (e) Estimated amount of the discharge;
 - (f) Location or address of the discharge;
 - (g) Source and cause of the discharge;
 - (h) Whether the discharge was contained on-site, and cleanup actions taken to date;
 - (i) Description of area affected by the discharge, including name of water body affected, if any; and
 - (j) Other persons or agencies contacted.
 - (2) Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department's Northwest District Office within 24 hours from the time the permittee becomes aware of the circumstances.
 - c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department's Northwest District Office shall waive the written report.

[62-620.610(20)]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX.17., IX.18., or IX.19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX.20. of this permit. [62-620.610(21)]
22. Bypass Provisions.
- a. "Bypass" means the intentional diversion of waste streams from any portion of a treatment works.
 - b. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 - (1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 - (2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 - (3) The permittee submitted notices as required under Permit Condition IX.22.b. of this permit.
 - c. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX.20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
 - d. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX.22.a.1. through 3. of this permit.
 - e. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX.22.a. through c. of this permit.

[62-620.610(22)]

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

[62-620.610(23)]

PERMITTEE: Santa Rosa County Board of County Commissioners
FACILITY: Santa Rosa County Regional Reclaimed Water System

PERMIT NUMBER: FLA349721-002-DW1R/NR
Page 14 of 14

Executed in Pensacola, Florida.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION



David Morres, P.E.
Program Administrator

DATE: September 8, 2010

Attachments:

1. Site Location - Application Exhibit ES-1,
2. Conceptual layout of the Rapid Infiltration Basins - Application Exhibit 7-3
3. Zone of Discharge Phase 1, Application Exhibit 8-1
4. Zone of Discharge Phase 2, Application Exhibit 8-2
5. Zone of Discharge Phase 3, Application Exhibit 8-3
6. Surface water monitoring site map.
7. DMR R-001 Part A
8. DMR Part B - Daily Sampling Results
9. DMR Part D - Ground Water Monitoring Report
10. DMR Part A - Surface Water Monitoring Report
11. DMR Instructions

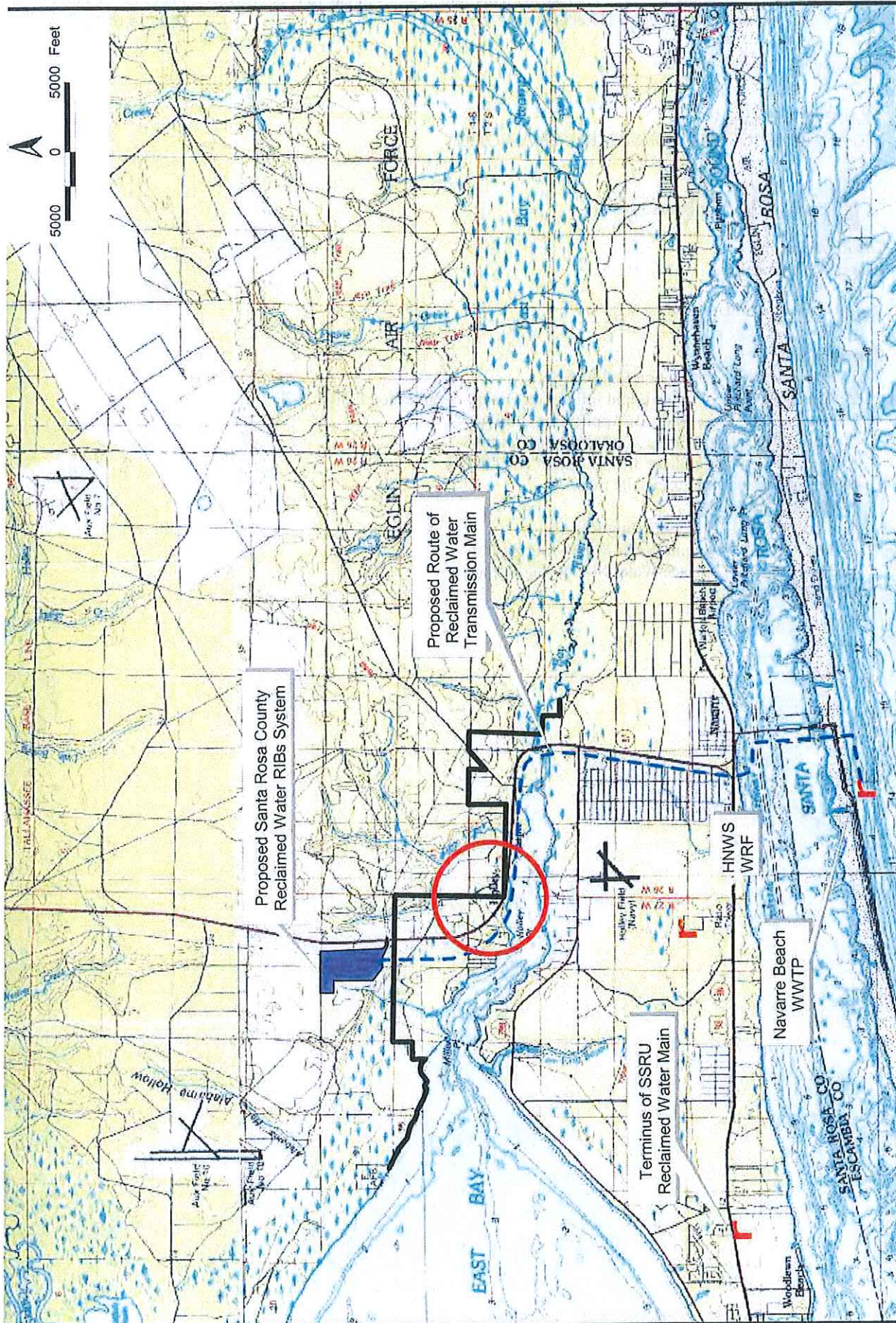
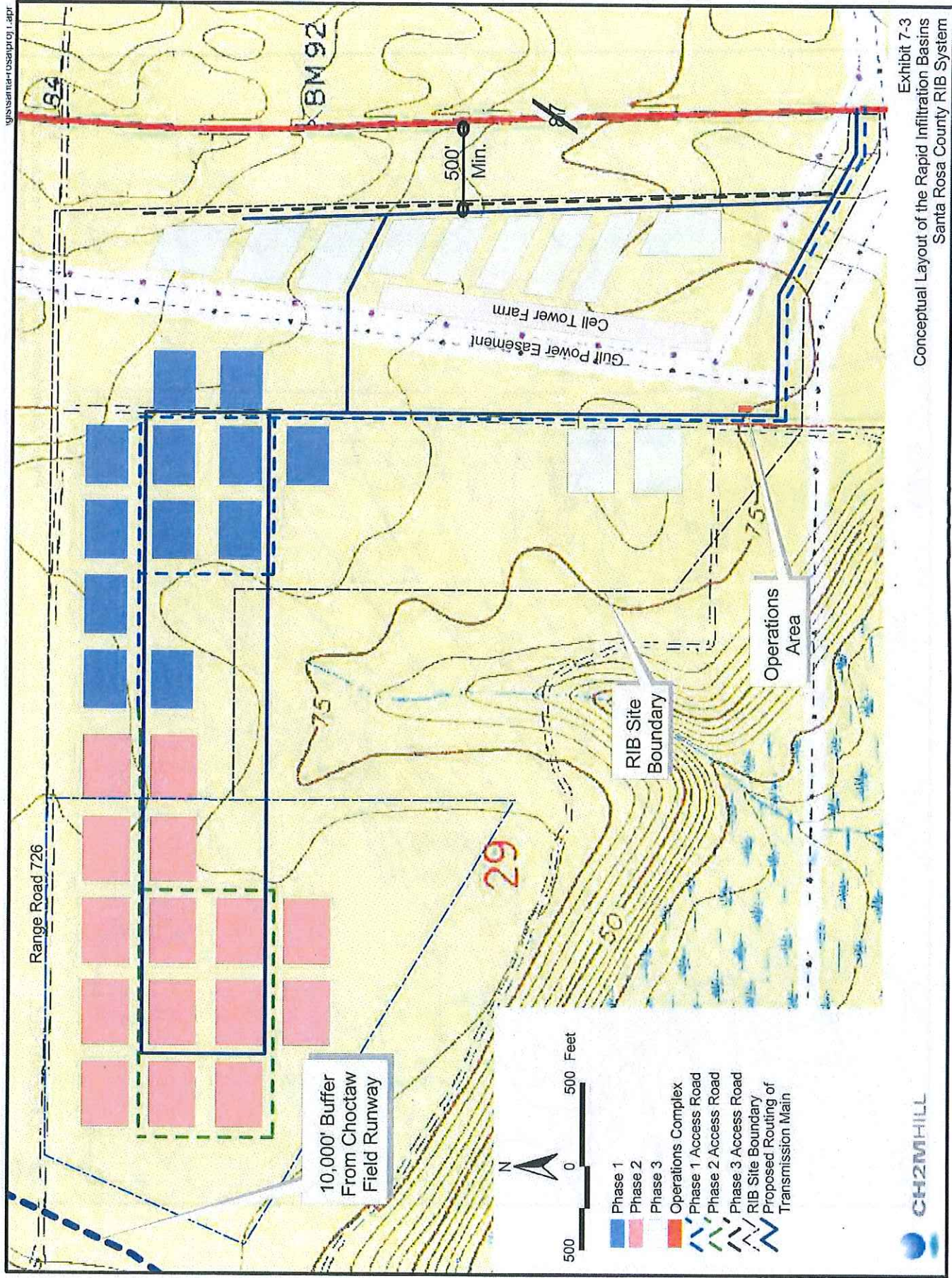


Exhibit ES-1
Map of Proposed Regional Reclaimed RIB Water System
Santa Rosa County



g:\santa-rosa\proj_1.apr

Exhibit 7-3
Conceptual Layout of the Rapid Infiltration Basins
Santa Rosa County RIB System

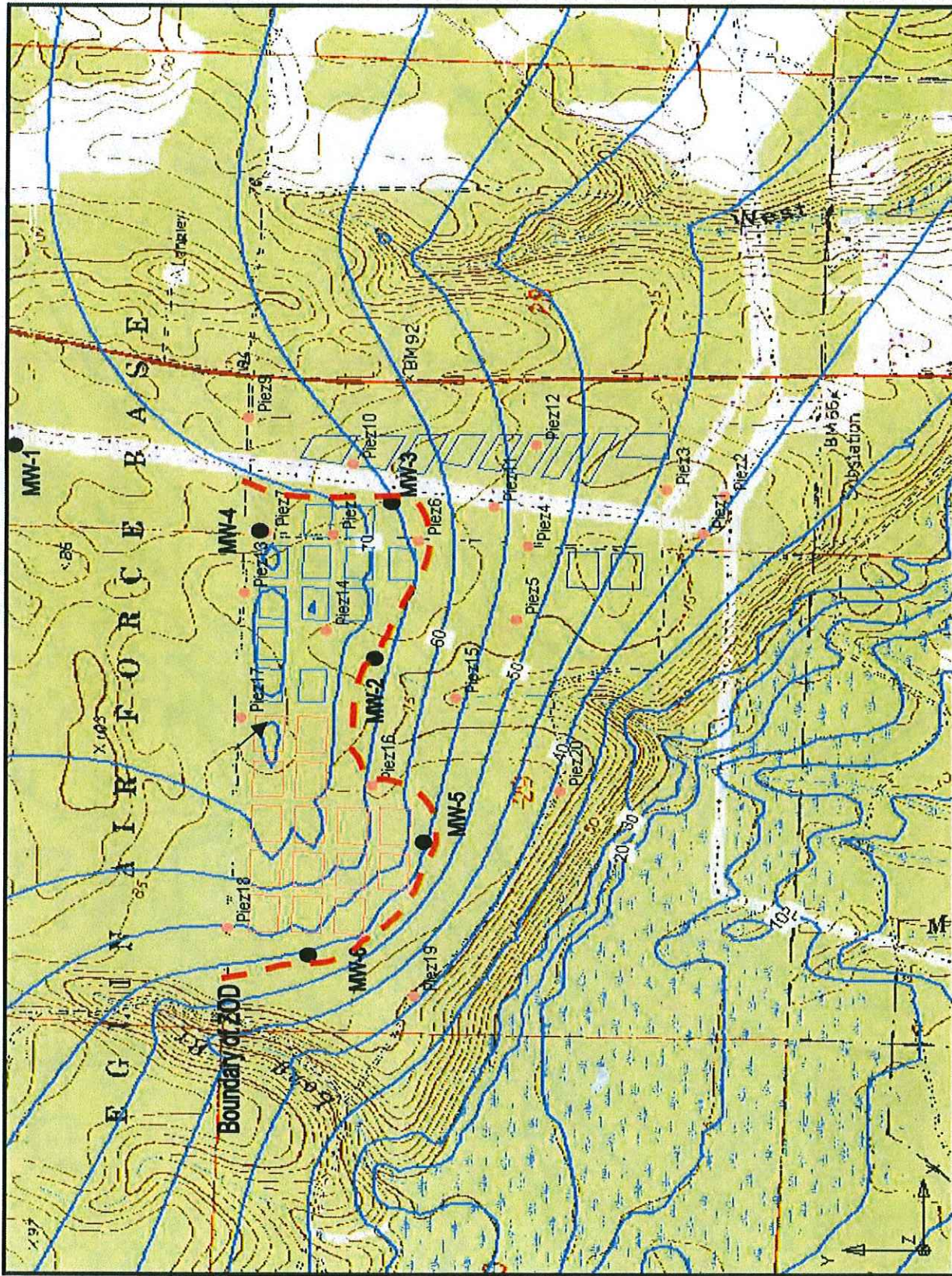


Exhibit 8-2
Phase 2 Groundwater Monitoring Wells and Zone of Discharge
Santa Rosa County Regional RIB System

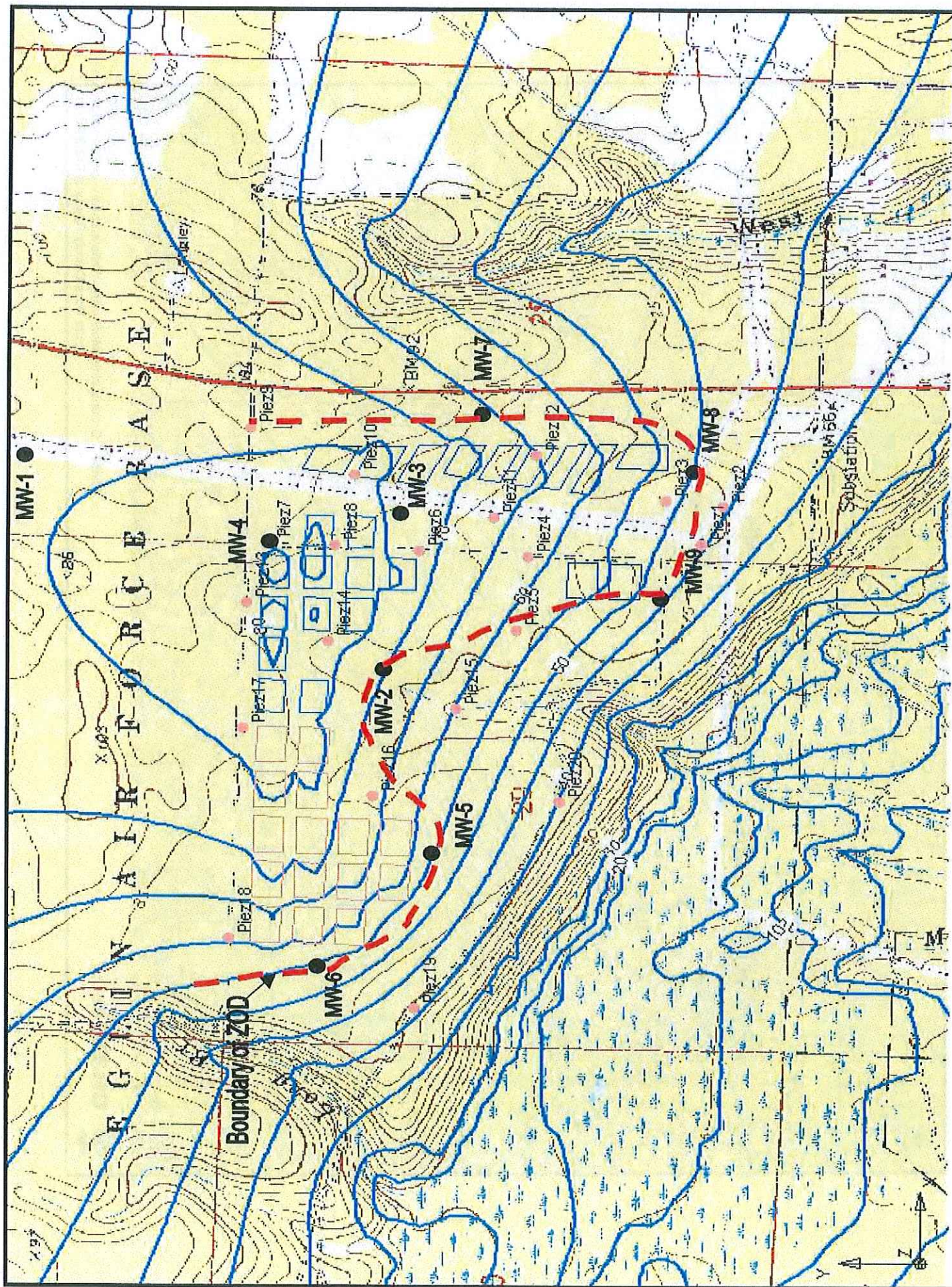
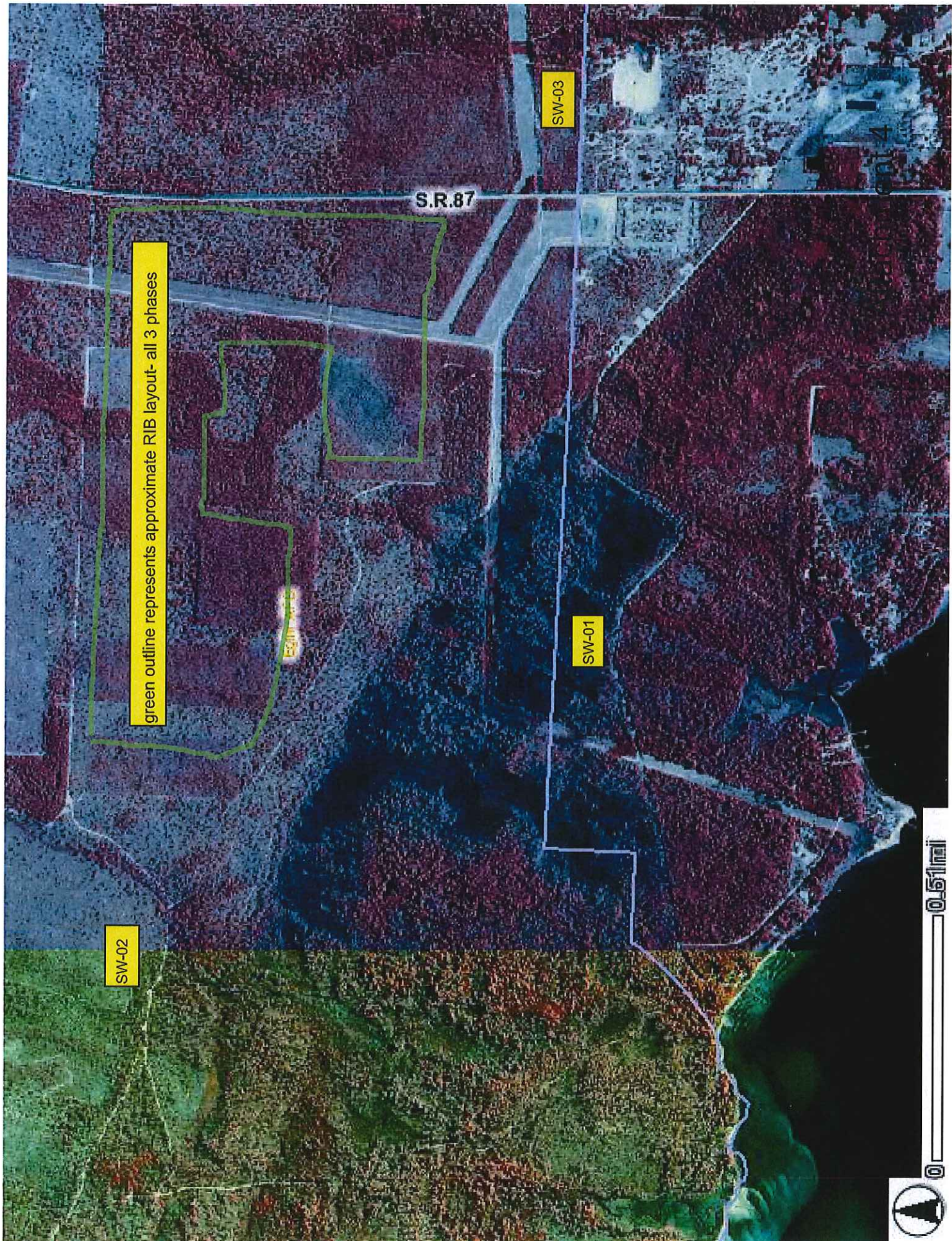


Exhibit 8-3
Phase 3 Groundwater Monitoring Wells and Zone of Discharge
Santa Rosa County Regional RIB System



green outline represents approximate RIB layout- all 3 phases

SW-02

SW-01

SW-03

S.R.87

0 0.51mi



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: Santa Rosa County Board of County Commissioners
MAILING ADDRESS: 6051 Old Bagdad Highway Ste 300
Milton, Florida 32583-

PERMIT NUMBER: FLA349721-002-DW1P/NR

Milton, Florida 32583-

UNIT:

Final

REPORT FREQUENCY:
PROGRAM:

Monthly Domestic

FACILITY: Santa Rosa County Regional Reclaimed Water System
LOCATION: 6051 Old Bagdad Hwy
Milton, FL 32583-8042

MONITORING GROUP NUMBER:	R-001
MONITORING GROUP DESCRIPTION:	RIB System (Phase 1)

RE-SUBMITTED DMR: ☐

To:

[illegible]

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

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

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

DAILY SAMPLE RESULTS - PART B

Permit File Number: FLA349721-002-DW1P/NR

Facility: Santa Rosa County Regional Reclaimed Water System

Monitoring Period From: _____ To: _____

	Flow MGD						
Code	50050						
Mon. Site	FLW-01						
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
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: _____

GROUNDWATER MONITORING REPORT - PART D

Facility Name: Santa Rosa County Regional Reclaimed Water System
 Permit File Number: FLA349721-002-DWIP/NR
 County: Santa Rosa

Monitoring Well ID: MWB-01
 Well Type: Background
 Description: Background Well (Phase 1)

Report Frequency: Quarterly
 Program: Domestic

Office: Northwest District

Re-submitted DMR: ☐

Monitoring Period: From: _____ To: _____

Date Sample Obtained: _____

Time Sample Obtained: _____

Was the well purged before sampling? Yes ___ No ___

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

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

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

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

GROUNDWATER MONITORING REPORT - PART D

Facility Name: Santa Rosa County Regional Reclaimed Water System
 Permit Number: FLA349721-002-DW1PNR
 County: Santa Rosa

Office: Northwest District

Monitoring Period

From: _____ To: _____

Monitoring Well ID: MWC-02
 Well Type: Compliance
 Description: Compliance Well (Phase 1)

Report Frequency: Quarterly
 Program: Domestic

Re-submitted DMR: ☐

Date Sample Obtained: _____

Time Sample Obtained: _____

Was the well purged before sampling? _____

Yes _____ No _____

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

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

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

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

GROUNDWATER MONITORING REPORT - PART D

Facility Name: Santa Rosa County Regional Reclaimed Water System
Permit Number: FLA349721-002-DWIP/NR
County: Santa Rosa

Monitoring Well ID:	MWC-03
Well Type:	Compliance
Description:	Compliance (Phase 1)
Re-submitted DMR:	☐

Report Frequency: Quarterly
Program: Domestic

Office: Northwest District

Monitoring Period

From: _____
To: _____

Date Sample Obtained:

Time Sample Obtained:

Was the well purged before sampling? Yes _____ No _____

[illegible]

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

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

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

GROUNDWATER MONITORING REPORT - PART D

Facility Name: Santa Rosa County Regional Reclaimed Water System
 Permit Number: FLA349721-002- DW1P/NR
 County: Santa Rosa

Office: Northwest District

Monitoring Period

From: _____ To: _____

Monitoring Well ID: MW1-04
 Well Type: Intermediate
 Description: (Phase 1) ☐

Report Frequency: Quarterly
 Program: Domestic

Re-submitted DMR: ☐

Date Sample Obtained: _____

Time Sample Obtained: _____

Was the well purged before sampling? ___ Yes ___ No

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

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

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

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: Santa Rosa Board of County Commissioners

MAILING ADDRESS: 6051 Old Bagdad Highway, Suite 300
Milton, FL 32589

FACILITY: Santa Rosa County Regional Reclaimed Water System

LOCATION: West of Hwy. 87, North of Holley

COUNTY: Eglin AFB Reservation

OFFICE: Santa Rosa
Northwest District

PA FILE NUMBER: FLA349721-002-DW1P/NR

REPORT: Quarterly

PROGRAM: Domestic

MONITORING GROUP NUMBER: R-001

MONITORING GROUP DESCRIPTION: Ambient Surface Water Monitoring

RE-SUBMITTED DMR: ☐

SURFACE WATER LOCATION: S5WA-1 (Un-named creek crossing Gordon Evans Road)

MONITORING PERIOD From: To:

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

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

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

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

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: Santa Rosa Board of County Commissioners PERMIT NUMBER: FLA349721
MAILING ADDRESS: 6051 Old Bagdad Highway, Suite 300 PA FILE NUMBER: FLA349721-002- DW1P/NR

FACILITY: Milton, FL 32589 LIMIT: Final
LOCATION: Santa Rosa County Regional Reclaimed Water System MONITORING GROUP NUMBER: R-001
Eglin AFB Reservation West of Hwy. 87, North of Holley MONITORING GROUP DESCRIPTION: Ambient Surface Water Monitoring
COUNTY: Santa Rosa RE-SUBMITTED DMR: ☐ PROGRAM: Quarterly Domestic
OFFICE: Northwest District SURFACE WATER LOCATION: SWA-2 (Long Branch) MONITORING PERIOD From: To: SWA-2 (Long Branch)

Parameter	Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Temperature (F), Water	Sample Measurement						
PARM Code 00011 P	Permit Requirement						
Mon. Site No. SWA-2							
pH	Sample Measurement						
PARM Code 00400 P	Permit Requirement						
Mon. Site No. SWA-2							
Specific Conductance	Sample Measurement						
PARM Code 00095 P	Permit Requirement						
Mon. Site No. SWA-2							
Oxygen, Dissolved (DO)	Sample Measurement						
PARM Code 00300 P	Permit Requirement						
Mon. Site No. SWA-2							
Nitrogen, Nitrate, Total (as NO3)	Sample Measurement						
PARM Code 71850 P	Permit Requirement						
Mon. Site No. SWA-2							
Nitrogen, Total (as N)	Sample Measurement						
PARM Code 00600 P	Permit Requirement						
Mon. Site No. SWA-2							
Phosphate, Ortho (as P)	Sample Measurement						
PARM Code 70507 P	Permit Requirement						
Mon. Site No. SWA-2							
Phosphorus, Total (as P)	Sample Measurement						
PARM Code 00665 P	Permit Requirement						
Mon. Site No. SWA-2							
Stream Condition Index (SCI)	Sample Measurement						
PARM Code NA	Permit Requirement						
Mon. Site No. SWA-2							

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: Santa Rosa Board of County Commissioners

MAILING ADDRESS: 6051 Old Bagdad Highway, Suite 300
Milton, FL 32589

FACILITY: Santa Rosa County Regional Reclaimed Water System

LOCATION: West of Hwy. 87, North of Holley

COUNTY: Eglin AFB Reservation

OFFICE: Santa Rosa

PERMIT NUMBER: FLA349721

PA FILE NUMBER: FLA349721-002- DW1P/NR

REPORT: Quarterly

PROGRAM: Domestic

MONITORING GROUP NUMBER: R-001

MONITORING GROUP DESCRIPTION: Ambient Surface Water Monitoring

RE-SUBMITTED DMR: ☐

SURFACE WATER LOCATION: SWA-3 (West Head Branch crossing Vonnie Tolbert Road)

MONITORING PERIOD From: To:

Parameter	Quantity or Loading	Units	Quality or Concentration	Units	Frequency of Analysis	Sample Type
Temperature (F), Water	Sample					
PARM Code 00011 P	Permit					
Mon. Site No. SWA-3	Requirement					
pH	Sample					
	Measurement					
PARM Code 00400 P	Permit					
Mon. Site No. SWA-3	Requirement					
Specific Conductance	Sample					
	Measurement					
PARM Code 00095 P	Permit					
Mon. Site No. SWA-3	Requirement					
Oxygen, Dissolved (DO)	Sample					
	Measurement					
PARM Code 00300 P	Permit					
Mon. Site No. SWA-3	Requirement					
Nitrogen, Nitrate, Total (as NO3)	Sample					
PARM Code 71850 P	Permit					
Mon. Site No. SWA-3	Requirement					
Nitrogen, Total (as N)	Sample					
	Measurement					
PARM Code 00600 P	Permit					
Mon. Site No. SWA-3	Requirement					
Phosphate, Ortho (as P)	Sample					
	Measurement					
PARM Code 70507 P	Permit					
Mon. Site No. SWA-3	Requirement					
Phosphorus, Total (as P)	Sample					
	Measurement					
PARM Code 00665 P	Permit					
Mon. Site No. SWA-3	Requirement					
Stream Condition Index (SCI)	Sample					
	Measurement					
PARM Code NA	Permit					
Mon. Site No. SWA-3	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):

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

PERMIT NUMBER: FLA349721-002-DW1P/NR
FACILITY NAME: Santa Rosa County Regional Reclaimed Water System
FACILITY LOCATION: Eglin AFB Reservation
Santa Rosa County
PERMITTEE: Santa Rosa County Board of County Commissioners
PERMIT WRITER: Tariq Mian
DATE: September 7, 2010

The application is for renewal of construction and operation permit for the project which has not yet been constructed. The permittee does not yet have a binding agreement with the Eglin AFB. The agreement is required for the reuse site as it is not owned by the permittee, pursuant to Rule 62-610.320(1)(b), F.A.C. Such an agreement is required prior the commencement of construction.

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

There is no wastewater treatment facility included in this permit. Wastewater treatments plants that get their individual permits revised will be authorized to direct reclaimed water to this Regional Reclaimed Water System. Reclaimed water will meet the minimum criteria of Rule 62-610.510 F.A.C. with high-level disinfection. The minimum reclaimed water limits are 20 mg/l BOD on annual average basis, 5 mg/l TSS single on single sample basis with high-level disinfection and nitrate of 12 mg/l. on single sample basis. The high level disinfection was required because the applicant desired to reduce the horizontal setback distance criteria for basic level disinfection which is a minimum setback distance of 100 feet from the edge of RIB to the property boundary. The applicant instead opted to provide high-level disinfection in order to maintain a 50-foot setback from the edge of the RIB to the line designating the extent of property being leased from the USAF, pursuant to Rule 62-610.521(6)(c), FAC. The RIB reuse of reclaimed water from the Navarre Beach WWTF is likely to proceed upon completion of construction and will have reserve capacity for future needs of South Santa Rosa County.

Land Application System R-001 (rapid infiltration basin): The traditional domestic wastewater parameters of concern will be monitored at the individual wastewater treatment discharging to the rapid infiltration basins (RIB) plant permits and regulated by the of the respective facility wastewater permits.

Pursuant to Rule 62-610.850 (1)(a), FAC, the existing permit requires monitoring of three creeks that are expected to be influenced by the RIB to provide reasonable assurance that the discharge will not cause or contribute to violations of water quality standards in the ambient surface water. Samples will be taken at the un-named creek south of the land application site site (SWA-1), Long Branch (SWA-2), and West Head Branch (SWA-3) for Temperature, Specific Conductance, Nitrate (as N), pH, Dissolved Oxygen, TN, TP and Orthophosphate quarterly and Stream Condition Index (SCI) biennially.

DISCUSSION OF CHANGES TO PERMIT

- a) The proposed permit requires installation of flow meter and totalizer, to measure the flow to the RIB, which is not specified in the existing permit. [Permit Condition I.A.I]
- b) The permit adds TN, TP, Ortho Phosphate, and temperature (in degree F) to the list of parameters to be monitored quarterly at Long Branch, West Head Branch, and the un-named creek south of the site in anticipation of ongoing development of nutrient criteria for all waters. The permit also deletes monitoring requirement for Habitat Assessment for these water bodies. [Permit Condition III.19.]
- c) The permit requires starting monitoring groundwater wells two quarters before start of operation the reuse facility to get some baseline information. [Permit Condition III.8.]

2. RESIDUALS MANAGEMENT

Not Applicable to this facility.

3. GROUND WATER MONITORING REQUIREMENTS

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

Monitoring wells MWB-01, MWC-02, MWC-03 and MWI-04 shall be installed and start monitoring two quarters prior to commencement of Phase I construction [Permit Condition III(8)]. Monitoring wells MWC-05, MWC-06, relate to Phase II and will be constructed prior to construction of the phase II rapid infiltration basins, which is projected in year 2020. Similarly, ground water monitoring wells MWC-07, MWC-08 and MWC-09 are related to Phase III and likely to be constructed in 2025. The DMR for Phase II and Phase III wells are not included with the permit because those phase will not be constructed during the 5-year permit period.

4. INDUSTRIAL PRETREATMENT REQUIREMENTS

Not Applicable to this facility.

5. PERMIT SCHEDULES

The following schedule for Phase I is based on projections submitted by the permittee and is not binding:

1. Preliminary Plans Complete	May 30, 2008
2. Final Plans and Specifications Complete	September 30, 2011
3. Financing Complete	September 30, 2011
4. Site acquired	September 30, 2011
5. Submit Binding Agreement with Eglin AFB (Permit Condition VIII.5.)	January 1, 2012
6. Phase I Construction Begin	January 31, 2012
7. Phase I Construction End	January 31, 2013
8. Begin Reuse	December 31, 2013
9. Operational Level Attained for Phase I	December 31, 2013

The Phase II and III are scheduled to be completed in 2020 and 2025 respectively.

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

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

7. THE ADMINISTRATIVE RECORD

The administrative record including application, statement of basis, comments received and additional information is available for public inspection during normal business hours at the location specified in item 9. Copies will be provided at a minimal charge per page.

8. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Notice of Permit Issuance: September xx, 2010

9. DEP CONTACT

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

Tariq Mian
Permitting Engineer
Northwest District Office
160 Governmental Center, Suite 308
Pensacola, FL 32502-5794
Telephone No.: (850) 595-0618



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AIR FORCE MATERIEL COMMAND
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

20 JAN 2006

MEMORANDUM FOR 96 CEG/CEVSP

FROM: HQ AFMC/A7CVO
4225 Logistics Ave
Wright-Patterson AFB OH 45433-5747

SUBJECT: No Significant Impact (FONSI) and Finding of No Practicable Alternative (FONPA) for Santa Rosa County Reclaimed Water Rapid-Rate Infiltration Basin (RIB) System at Eglin AFB FL

Attached is the signed FONSI/FONPA for the subject project at Eglin AFB. It has been determined that the proposed action will not have a significant impact on the quality of the human environment. If you have any questions concerning the Air Force's Environmental Impact Analysis process (32 CFR 989), please contact Ms. Shari Kilbourne, HQ AFMC/A7CVO, DSN 986-2926, Comm (937) 656-2926, shari.kilbourne@wpafb.af.mil.

A handwritten signature in cursive script, reading "Michael Trimeloni", is positioned above the typed name.

MICHAEL TRIMELONI, P.E
Acting Chief, Environmental Operations Branch
Command Civil Engineer
Directorate of Installations and Mission Support

Attachment:
FONSI/FONPA