

FINDING OF NO SIGNIFICANT IMPACT

South Alabama Utilities
Mobile County

CWSRF#: CS010814-05

August 3, 2022

The Alabama Department of Environmental Management has made \$2,500,000 in financial assistance available to South Alabama Utilities using funds from the Clean Water State Revolving Fund (CWSRF) loan program. In accordance with State and Federal regulations that govern the program, the Alabama Department of Environmental Management has conducted a review to assess potential impacts upon the environment that may result from implementation of these sanitary sewer improvements.

South Alabama Utilities proposes the construction of a new 300,000 gpd decentralized wastewater treatment plant with recirculating textile trickling filters at Jack Hamilton Road along with the installation of a new effluent force main from the new Hamilton Road WWTP to a surface discharge point in Miller Creek at the intersection of CR-11 and CR-13. Proposed improvements will provide much needed wastewater collection and treatment service while protecting receiving stream habitat and water quality.

The Department has determined that the proposed project will not have significant adverse impact upon the environment and consequently is herewith issuing a Finding of No Significant Impact (FONSI) in support of the use of SRF funds for construction of the proposed project. However, this determination may be reconsidered if significant adverse information concerning potential environmental impacts of the proposed project is discovered. Attached is an Environmental Assessment that details the proposed project and its impact upon the environment.

Comments relative to this project should be submitted in writing to Mr. Stan Shirley, SRF Section, Permit and Services Division, Alabama Department of Environmental Management, P.O. Box 301463, Montgomery, Alabama 36130-1463, no later than 30 days after the date of this FONSI. The Department will not take formal action to proceed with the proposed project without carefully evaluating any public comments concerning funding of the proposed project.

Sincerely

Lance R. LeFleur
Director

LRL/TJM/SLS/kbh

A. Existing Environment

Proposed project work will occur within South Alabama Utilities' existing service area in southwest Mobile County. West Mobile County remains a rapidly developing area with no available public sewer service in most areas. South Alabama Utilities (SAU) proposes the use of decentralized treatment and surfaced water disposal as a cost-effective, environmentally sound option in meeting public health demands for sanitary sewer service while achieving water quality standards.

B. Existing Wastewater Facilities

1.0 Wastewater Treatment Facilities

South Alabama Utilities currently operates and manages ten (10) decentralized wastewater treatment facilities with a total or combined permitted treatment capacity of 560,000 gallons per day. Treatment capacity of these existing plants is presently designated or committed to existing and developing schools and subdivisions.

Decentralized Treatment Facility	Treatment Capacity (gpd)	Population Served	Underground Injection Control Permit
Champion Hill WWTP	60,000	750	ALSI9949647
Windy Oaks WWTP	30,000	375	ALSI9949660
Oaks at Westlake WWTP	30,000	375	ALSI9949628
Johnson Road WWTP	120,000	1,500	ALSI9949661
Semmes-Snow Road WWTP	120,000	1,500	ALSI9949658
J.E. Turner Elementary WWTP	50,000	185	ALSI9949629
Wilmer Elementary WWTP	30,000	250	ALSI9949700
Cambridge Place WWTP	30,000	375	ALSI9949699
Palmer Woods WWTP	60,000	750	ALSI9949729
Holley Branch WWTP	30,000	375	ALSI9949791

All existing plants serve residential subdivisions that would have otherwise been developed with reliance upon individual septic tank and drainage field systems. These plants do retain room and potential for expansion of future treatment capacities.

No industrial users are currently served by any of these facilities.

All existing collection lines are of high-density polyethylene (HDPE) composition with fused joints and negligible system infiltration or inflow.

C. Need for Proposed Facilities

1.0 Public Health Problems

Public wastewater collection and treatment are limited to the ten (10) decentralized treatment plants listed. Again, the design capacity of these plants is already committed to developing subdivisions and schools. Without public sewer service, developers are limited to the installation of septic tank/drainage field systems, which typically operate without public supervision, management, or control. The newly proposed decentralized wastewater treatment facility would be operated and managed by SAU and regulated by ADEM.

2.0 Required Treatment Capacity

Southwest Mobile County represents a rapidly developing area with an estimated 1,500 additional new residential lots projected over the next three years, equating to approximately 250,000 gallons per day of additional wastewater flow. As the area continues to develop, South Alabama Utilities proposes construction of several new additional decentralized treatment systems to handle this anticipated demand.

D. Proposed Facilities and Proposed Funding

1.0 Proposed Facilities

South Alabama Utilities requests CWSRF funding for the construction of a new 300,000 gpd decentralized wastewater treatment plant with recirculating textile trickling filters. Jack Hamilton Road WWTP is to be located at the southern end of Jack Hamilton Road. Proposed work will also include installation of approximately 6,350 LF of additional new 8-inch HDPE effluent force main from Jack Hamilton Road WWTP north and west along Jack Hamilton Road; approximately 18,480 LF of new 8-inch HDPE effluent force main southwest along Jeff Hamilton Road from Jack Hamilton Road to Grand Bay Wilmer Road northwest to Newman Road with a new reinforced concrete step or cascade aeration structure immediately prior to surface discharge in Miller Creek. Proposed improvements will provide effective public wastewater collection and treatment to additional service area residents within SAU's jurisdiction.

Though not covered by or funded through the current CWSRF Loan Application, the following related system components will be financed and installed by SAU at existing and future residences as they are actually connected. Collection force mains will be installed to provide residential service connections and effluent transport to their respective treatment facility. Proposed service connections will utilize interceptor tanks and effluent pumps at each home to separate solids. All new interceptor tanks will be constructed in accordance with Alabama State Board of Health, Bureau of Environmental Services, Chapter 420-3-1, Onsite Sewage Disposal Regulations. Effluent filters will also be added to all interceptor tanks. Wastewater effluent concentrations from interceptor tanks are anticipated to be 200mg/l BOD₅, 150mg/l TSS, and 100 mg/l TKN or less. South Alabama Utilities will both install and maintain individual interceptor tanks, effluent filters, and effluent pumps to assure proper operation and maintenance.

Collection force mains will convey septic tank effluent to the new treatment plant site where it will initially enter a recirculation tank. Wastewater is then pumped to textile filter units in timer-controlled doses. As wastewater filters through the textile media, it is treated by live naturally occurring microorganisms attached to the media, which consume solids. This process is repeated with the aid of recirculating pumps until the wastewater has been sufficiently treated. Textile filters represent well-proven technology that offers the following benefits:

- Simple design and construction.
- Full-time operators are not required.
- Consistent effluent is not subject to upsets resulting from variations in flow and influent strength.

Textile filters are designed to produce effluent that meets secondary limits (30mg/l for BOD5 and TSS) or better with anticipated effluent values of less than 10mg/l for BOD and TSS based on previous project results of similar influent wastewater volume and concentration. Operational controls will be equipped with telemetry (SCADA) for monitoring, recording, and transmission of real-time treatment performance information. Remote access capability that will allow manufacturer, management (South Alabama Utilities), and consulting engineer to make needed operational changes from any location with computer and modem.

Treated effluent will be conveyed from the new decentralized treatment facility by a new 8-inch HDPE force main to an ADEM approved National Pollutant Discharge Elimination System (NPDES) Permit **AL0083895** (0.12 MGD) surface water discharge location. Treated effluent surface discharge will be to Miller Creek near the intersection of Grand Bay Wilmer and Newman Roads. As SAU’s original loan application was for the installation of two (2) 60,000 gpd decentralized plants, SAU is currently in the process of providing and satisfying all subsequent environmental review requirements for ADEM to approve the increase in permitted discharge to accommodate 0.30 MGD.

2.0 Proposed Funding

South Alabama Utilities has applied for financing through the State of Alabama’s Clean Water State Revolving Loan Fund program.

Total Estimated Project Funds Required:	\$2,500,000
CWSRF Loan Amount Requested:	\$2,500,000
Life of the Loan:	20 years
Anticipated Interest Rate:	2.2 %
Approximate Annual Debt Service:	\$155,858.55
(Monthly Principal & Interest):	\$13,000 (approx.)

SAU anticipates repayment of requested funding through current system revenues without the imposition of a rate increase on existing customers.

E. Alternative Analysis

In order to meet current and projected demands for public wastewater collection and treatment service, and to protect adjacent surface waters and underlying groundwater from potential septic system contamination, SAU proposes use of decentralized treatment and NPDES permitted surface water discharge as the most cost-effective and environmentally sound option for meeting public health demands while achieving water quality standards.

A No Action Alternative of both wastewater collection and treatment would by contrast have potentially harmful health conditions, remain a threat to nearby streams and groundwater, and fail to provide adequate sanitary sewer service.

Wastewater Collection Alternatives

Sewer collection alternatives would essentially be limited to the use of either gravity sewers or force mains.

1. (Not Chosen) Gravity Sewer. The advantage to using gravity sewers is that they are able to accommodate larger, varying ranges of flow conditions than single diameter force main. They can more readily allow service connections without upgrading existing gravity sewer lines. Gravity sewers would not require new homes to have septic tanks, as wastewater would flow by gravity directly from homes to collection mains. Gravity sewers, however, often require deeper, more expensive excavation to maintain minimum grade flow. High water table conditions, as present in the project area, would likely result in additional cost to excavating. Gravity pipe, typically of larger diameter, would also represent greater material cost compared to constant diameter force main. When gravity sewer grades cannot be maintained, lift stations are then required to pump wastewater uphill. Lift stations are often costly to install and require higher continued operational and maintenance costs along with need for emergency backup power. Installation and maintenance costs associated with gravity sewer collection were considered cost prohibitive.
2. (Chosen Alternative) Small Diameter/Low Pressure Force Main Sewer. The advantage of small diameter/low pressure force main is that installation follows existing topography, independent of gravity. Small diameter pipe can be installed at a uniform depth of 3 feet along road shoulder by means of simple trenching. Shallow depth of installation would also lessen the chance of any conflict with existing water table and thereby lower overall cost of installation. Force main sewers would require installation of a Septic Tank Effluent Pump (STEP) within the effluent chamber of each new or existing residential septic tank. Installation cost of each unit would be approximately \$3000, with an operational cost of only about \$1 per month. Annual STEP maintenance could potentially range between \$35 and \$200 per year. South Alabama Utilities, however, would assume maintenance of all installed STEP systems.

Of the two collection alternatives considered, the use of small diameter/low pressure force main was selected as the more viable, cost effective, and better all-around wastewater collection solution.

Wastewater Treatment Alternatives

1. (Not Chosen) Activated Sludge Treatment System with Surface Discharge. An activated sludge treatment system would represent a far more complex and complicated method of treatment that would require one or more full time operators with greater operational and maintenance costs. This method would also involve the additional permitting, monitoring, and compliance associated with sludge disposal.
2. (Chosen Alternative) Recirculating Textile Filters Treatment with Surface Discharge. The selection and use of recirculating textile filters was considered more suitable and consistent with the planned decentralized approach of South Alabama Utilities. Its simple modular design and construction would allow for anticipated phased expansion. Such a system would require less operational and maintenance supervision, attention, and cost; not involve processing or handling of sludge; produce more consistent

effluent quality independent of flow volume or influent strength; and provide anticipated effluent values of less than 10 mg/l for both BOD5 and TSS.

F. Environmental Consequences and Mitigative Measures

1.0 Historical and Archaeological Features:

Correspondence was sent to the Alabama Historical Commission (AHC) requesting their assistance in identifying historic properties that are listed or eligible for listing on the National Register of Historic Places and that may be affected by the proposed project. Additionally, they were asked to provide recommendations toward mitigating or avoiding any impact to any properties they might identify.

Along with any recommendations suggested by the AHC, all contracts awarded and project drawings issued will have a stipulation stating, "Should previously undetected cultural resources be encountered during project activities, work shall cease and the AHC shall be contacted immediately."

AHC, in their response dated 5/13/2022, requested that an archaeological survey be conducted for the proposed Hamilton WWTP location prior to construction. The proposed force main will be within existing ROW, which is considered previously disturbed. The recommended archaeological survey is currently being conducted.

2.0 Endangered Species and Critical Habitat:

The U. S. Fish and Wildlife Service (USFWS) was contacted and asked to provide a list of any federally listed or proposed threatened or endangered species and designated or proposed critical habitat that may be present in the project area. Further, they were asked to advise on any present concerns they may have as to any possible effects the project may have on these species or critical habitat.

USFWS's response of 3/14/2022 listed the possible occurrence of the following four threatened species:

- Wood Stork
- Black Pine Snake
- Eastern Indigo Snake
- Gopher Tortoise

The recommendations, precautions, and Best Management Practices (BMPs) identified for the protection of these four species will be strictly observed.

An ADEM storm water permit will be required to construct all the proposed projects. This permit, along with the project specifications, will also require the contractor to implement BMPs in controlling any silted runoff or erosion that might be created as a result of construction activities.

Mitigative measures relative to biological resources will be mainly centered on the treatment of the sites during and after construction. During construction, the contractor will be required to limit the amount of clearing conducted to only that required to accomplish tasks within the scope of work. The contractor will be responsible for establishing a suitable stand of grass over all areas disturbed by construction activities. Project specifications, local highway permit, and ADEM storm water permit will require all above precautions and remediation.

3.0 Floodplain, Floodway, and Wetlands:

Federal Emergency Management Agency (FEMA) Flood Insurance Rate predetermined floodplains were plotted on a topographic project map to determine their relative position to proposed project locations. The public will be advised of these areas through advertisement in the Call News (Citronelle, AL).

A request for project review, comment, and approval was submitted to the United States Army Corps of Engineers (USACOE). The USACOE requested that ADEM Form 166 8/19 (ADEM – COE Joint Application) be completed and submitted. The form was accordingly submitted 2/10/2022 without subsequent comment from USACOE.

Given that the majority of all the improvements will be at grade or underground, their placement should not alter the floodplain in any way that would adversely affect the surrounding population.

4.0 Regional Planning Agency:

Review and comment concerning the nature and scope of the proposed project were also requested from South Alabama Regional Planning Commission for compliance with their guidelines. Their concurrence was provided on 4/2/2022.

5.0 Environmental Justice:

As defined by the Environmental Protection Agency (EPA), environmental justice is the fair treatment and meaningful involvement of all people, regardless of race, color, national origin, or income, with respect to the development, implementation, and enforcement of environmental laws, regulations and policies. Fair treatment means that no group of people, including a racial, ethnic, or socioeconomic group should bear a disproportionate share of the negative environmental consequences resulting from industrial, municipal, and commercial operations or the execution of federal, state, local, and tribal programs and policies.

Presidential Executive Order 12898, “General Actions to Address Environmental Justice in Minority Populations and Low-Income Populations,” requires all federal agencies to incorporate environmental justice into their missions by identifying and addressing the disproportionately high and/or adverse human health or environmental effects of their programs and policies on minorities and low-income populations and communities.

The proposed wastewater treatment facility and effluent force main are within an area that consists of “Less Than 50% Minority” and “50 to 60% Low Income” defined populations. While proposed project improvements will only initially offer reliable wastewater collection and treatment to these populations, it will provide the needed infrastructure capable of eventually providing service to additional outlying Minority and Low Income areas if needed and therefore benefit even more service area residents/customers. Various proposed alternatives were carefully evaluated in terms of their effect upon all citizens within the service area, as well as, upon the environment with respect to health benefit, cost, and time efficiency, if implemented.

6.0 Environmental Consequences: Mitigative Measures

Proposed project activities represent no overall or lasting adverse environmental impact except as normally and minimally associated with construction activities. Some short-term effects including increased noise levels, dust, exhaust emissions, increased stream turbidity and/or the disruption of normal traffic flow maybe of minimal impact and occur during actual construction. While all such effects cannot be totally avoided, required adherence to Best Management Practices (BMPs) during the course of the project will significantly minimize such conditions. All cleared debris will be lawfully disposed of in an ADEM-approved landfill. Silt fencing and/or hay bales will be established in critical areas along nearby streams where the potential for erosion or siltation may occur. All grass and vegetation effected by construction will be restored to pre-existing or better condition upon project completion. Traffic disruptions will be greatly lessened by conformance to an approved traffic maintenance plan.

7.0 Public Participation: Sources Consulted

A Public Meeting was held at 4:00 p.m. on Thursday, August 20, 2020, at Speaks & Associates, Consulting Engineers, Inc. located at 732 Oak Circle Drive West, Mobile, Alabama 36609. The meeting provided an open forum for public discussion of information and concerns related to the nature, scope, and justification of improvements proposed for funding by the CWSRF loan. No objections or adverse comments to proposed project work were expressed.

Sources to be consulted about this project for information or concurrence include the following:

Alabama Department of:
Agriculture and Industries
Conservation and Natural Resources
Economic and Community Affairs (ADECA)
Public Health
State Soil and Water Conservation
Alabama Forestry Commission
Alabama Historical Commission
US Army Corps of Engineers
US Department of Interior – Fish and Wildlife Service
US Environmental Protection Agency
Mobile County Health Department



ALABAMA HISTORICAL COMMISSION

468 South Perry Street
Montgomery, Alabama 36130-0900

Lisa D. Jones
Executive Director
State Historic Preservation Officer

Tel: 334-242-3184
Fax: 334-242-1083

May 13, 2022

J. William Parkes
Speaks and Associates
732 Oak Circle Drive West
Mobile, AL 36609

Re: AHC 22-0590
South Alabama Utilities - West Mobile Sewer Improvements
Mobile County

Dear Mr. Parkes:

Upon review of the above-referenced project, we offer the following comments:

The Airport Boulevard and Jack Hamilton Road project locations should receive archaeological survey. We request that a professional archaeologist survey the project areas to identify any cultural resources that may be present. Submit the resulting report to our office for review and determination prior to construction activities.

We concur with the placement of sewer lines provided all construction activities will occur within existing and previously disturbed highway right-of-way and/or other previously disturbed areas. For the purposes of this letter, previous disturbance is defined as mechanical disturbance to either culturally sterile subsoil, or the maximum depth of the proposed undertaking. It should be noted that agricultural plowing does not typically meet this threshold of disturbance, nor do previously undisturbed portions of the ROW that require clearing of additional vegetation. Any area that is to be involved and does not fall into one of the above categories will require a cultural resource assessment by a professional archaeologist. Submit the resulting report to our office for review and determination prior to project initiation.

Consultation with the State Historic Preservation Office does not constitute consultation with Tribal Historic Preservation Offices, other Native American tribes, local governments, or the public. If archaeological materials are encountered during construction, the procedures codified at 36 CFR 800.13(b) will apply. Archaeological materials consist of any items, fifty years old or older, which were made or used by man. These items include but are not limited to, stone projectile points (arrowheads), ceramic sherds, bricks, worked wood, bone and stone, metal, and glass objects. The federal agency or the applicant receiving federal assistance should contact our office immediately. If human remains are encountered, the provisions of the Alabama Burial Act (Code of Alabama 1975, §13A-7-23.1, as amended; Alabama Historical Commission Administrative Code Chapter 460-X-10 Burials) should be followed. This stipulation shall be placed on the construction plans to ensure contractors are aware of it.

We appreciate your commitment to helping us preserve Alabama's historic archaeological and architectural resources. Should you have any questions, please contact Amanda McBride at 334.230.2692 or Amanda.McBride@ahc.alabama.gov. Have the AHC tracking number referenced above available and include it with any future correspondence.

Sincerely,

Lee Anne Wofford
Deputy State Historic Preservation Officer

LAW/EDS/law

RECEIVED

MAY 25 2022

**ADEM
PERMITS &
SERVICES**



United States Department of the Interior

FISH AND WILDLIFE SERVICE
1208-B Main Street
Daphne, Alabama 36526

MAR 14 2022

IN REPLY REFER TO:
2022-0012183

Mr. J. William Parkes, P.E.
Speaks & Associates Consulting Engineers, Inc.
732 Oak Circle Drive West
Mobile, Alabama 36609

Dear Mr. Parkes:

Thank you for your letter dated February 10, 2022, which informs us of proposed sewer improvements along Airport Blvd and Jeff Hamilton Rd in Mobile, Mobile County, Alabama. We understand that the project will include construction of two 60,000-gallon per day wastewater treatment plants and installation of approximately 70,000' of sewer main. We also understand that all construction activities will avoid wetlands and/or flood zones and will be performed in the existing public right-of-way. We have reviewed the information and provide the following comments in accordance with the Endangered Species Act of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.).

Threatened and Endangered Species

Our records indicate that the following threatened [T] and endangered [E] species may occur in or near your project area:

- Wood stork (*Mycteria americana*) [T]
- Black pine snake (*Pituophis melanoleucus lodingi*) [T]
- Eastern indigo snake (*Drymarchon corais couperi*) [T]
- Gopher tortoise (*Gopherus polyphemus*) [T]

The black pine snake is a large, docile, non-venomous snake that reaches a maximum length of approximately six feet. Black pine snakes are uniformly black or dark brown, have keeled scales, and a pointed snout. This species is strongly associated with high, dry, well-drained sandy soils that closely parallels the sandhill habitat preferred by the gopher tortoise.

The eastern indigo snake is a large, docile, non-venomous snake that grows to a maximum length of about eight feet. Both juveniles and adults exhibit a shiny bluish-black color, including on the belly, with red or cream coloring around the chin and sides of the head. This snake is strongly associated with the high, dry, well-drained sandy soils that closely parallels the sandhill habitat preferred by the gopher tortoise. During warmer months, indigo snakes also frequent streams and

swamps, and individuals are occasionally found in flat woods. Gopher tortoise burrows and other subterranean cavities are commonly used as dens and for laying eggs.

If suitable habitat for the black pine snake or the eastern indigo snake exists in any areas that would be disturbed as a result of this project, we recommend visual surveys be conducted. These species may be encountered on the road or immediately adjacent to it. Work activity should cease following any sighting of the black pine snake or the eastern indigo snake, and our office should be notified of the observation. We recommend the following best management practices (BMPs) be implemented to conserve these species:

- Maintain low speeds at the work site to avoid snakes that may be present in the roadway.
- Check for snakes underneath equipment prior to moving vehicles in the morning.
- Observe a no-kill snake policy on site.

The gopher tortoise is a federally threatened species in Choctaw, Washington, and Mobile Counties. The gopher tortoise is a burrowing species that prefers habitats with deep, well drained, sandy soil in open forests or savannas. Gopher tortoise burrows may occur in close proximity of roads and within the road right-of-way

If suitable habitat for this species exists in any areas that would be disturbed as a result of this project, we recommend visual surveys be conducted. Should gopher tortoises or their burrows be discovered, please contact our office to develop a conservation plan.

Additionally, we recommend the following BMPs be implemented to conserve the gopher tortoise:

- Visually inspect equipment staging areas to ensure no gopher tortoise burrows are present.
- Keep equipment at least 50 feet from burrow openings.
- Erect a silt fence barrier between tortoise burrows and the project activity that includes entrances and exits from the project site.
- Maintain low speeds at the work site to avoid tortoises that may be present in the roadway.
- Check for tortoises underneath equipment prior to moving vehicles in the morning.

Although aquatic habitat does not exist within the project area, streams are located near the project site. We recommend strict adherence to best management practices (BMPs) to protect the surrounding waterways. For specific guidelines and techniques, please refer to the following websites:

<https://www.fws.gov/daphne/section7/bmp.html#urbandevelopment>
<https://alconservationdistricts.gov/resources/erosion-and-sediment-control/>

As long as these recommendations and BMPs are strictly adhered to, no further endangered species consultation will be required for this project unless: 1) the identified action is subsequently modified in a manner that causes an effect on a listed species or on proposed or designated critical habitat; 2) new information reveals the identified action may affect federally protected species or designated critical habitat in a manner or to an extent not previously

considered; or 3) a new species is listed or a critical habitat is designated under the Endangered Species Act that may be affected by the identified action.

If you have any questions or need additional information, please contact Ms. Morgan Brizendine of my staff at (251) 441-5839 or at morgan_brizendine@fws.gov. Please refer to the reference number located at the top of this letter in future phone calls or written correspondence.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. Pearson". The signature is fluid and cursive, with the first name being the most prominent.

William J Pearson
Field Supervisor
Alabama Ecological Services Field Office

FW: [Non-DoD Source] Joint Application and Notification

From: William Parkes (william@speaks.cc)
To: SLS@adem.alabama.gov
Cc: jerry@speaks.cc
Date: Thursday, April 14, 2022, 02:41 PM CDT

See the confirmation of receipt.

J. William Parkes, P.E.
Speaks & Associates
Consulting Engineers, Inc.
251-666-4646

From: CESAM-RD
Sent: Thursday, April 14, 2022 2:25 PM
To: William Parkes
Subject: RE: [Non-DoD Source] Joint Application and Notification

Mr. Walker received emails and forward to project manager for the day, Jessica Comeaux and she will be contacting you.

Regulatory Admin

From: William Parkes <william@speaks.cc>
Sent: Wednesday, April 13, 2022 12:57 PM
To: CESAM-RD <CESAM-RD@usace.army.mil>
Cc: Shirley, Stan <SLS@adem.alabama.gov>
Subject: [Non-DoD Source] Joint Application and Notification

On March 9th, we submitted a Joint Application and Notification for the construction of an outfall structure on Miller Creek for South Alabama Utilities.

Would you please verify receipt of said application.

Thank you,

William

J. William Parkes, P.E.

Speaks & Associates

Consulting Engineers, Inc.

251-666-4646

6. **DREDGING:** For projects with dredging, show locations and dimensions of proposed dredge area(s) on attached plans. Include existing and proposed depths. N/A (check here if dredging is not proposed)

a. New Work Maintenance Work

b. Volume (cubic yards) of material to be removed: _____

c. Type of material (sand, muck, hard bottom, etc.): _____

d. Surface area (square feet) impacted: _____

e. Method of dredging or excavation (hydraulic pump, mechanical, etc.): _____

f. Nature of area to be dredged (check all that apply) Upland Wetland Waterbottom Other (explain): _____

7. **DISCHARGE OF DREDGED OR FILL MATERIAL:** For projects with discharge of dredged or fill material, show locations and dimensions of all disposal or fill areas on attached plans. N/A (check here if discharge of dredged or fill material is not proposed)

a. Volume (cubic yards) of fill: _____

b. Type of fill (sand, clay, rip-rap, etc.): _____

c. Surface area (square feet) impacted: _____

d. Source of fill material (check all that apply): Commercially obtained Dredged material Borrowed on-site Other (explain): _____

e. How will discharge material be contained? Specify containment and/or erosion control measures (i.e. Best Management Practices): _____

f. Nature of disposal/fill area(s) (check all that apply.) Upland Wetland Waterbottom Other (explain): _____

8. **ADDITIONAL INFORMATION:** Provide information below relating to the proposed activity.

a. Are oyster reefs located within or near the project area? Yes No If yes, explain: _____

b. Will this project result in the siting, construction, and/or operation of an energy-related facility? Yes No

c. Is the project area greater than 5 acres in size? Yes No

d. Is any portion of the activity for which authorization is sought now complete? Yes No If yes, explain: _____

_____ Month and year activity took place: _____

e. If project is for maintenance work of existing structures or channels, describe legal authorization for the existing work. Provide permit number, dates, or other form of authorization: _____

9. **PURPOSE AND NEED:** Describe the purpose and need of the project. Describe any public benefit, if applicable. Describe the relationship between the project and any secondary or future development the project is designed to support: The project will serve the community with public sewer service and will eliminate the need for septic systems.

Intended use: Public Private Commercial Other (explain): _____

10. **PROJECT SCHEDULE:**
 Proposed start date: 10/01/22 Proposed completion date: 07/01/23

11. **ADJACENT PROPERTY OWNER NAMES AND MAILING ADDRESSES:** Provide the names and mailing addresses of adjoining property owners, lessees, etc. whose property adjoins the project. Also, identify the location of each owner's property on the plan view drawings. Attach additional sheets as needed.

Owner's Name: Dwight Yoder Owner's Name: _____

Mailing Address: 3721 Calderwood Drive Mailing Address: _____

Mobile, AL 36608

12. **OTHER AUTHORIZATIONS OR CERTIFICATIONS:** List all authorizations or certifications requested, received, and/or required from other federal, state, or local agencies for any structures, construction, discharges, or other activities described in or directly related to this application. **Note:** The signature in Section 14 certifies that application has been made to or that permits are not required from the following agencies. *If permits are not required, place "N/A" in space for Type of Approval.*

Name of Federal, State, or Local Agency	Type of Approval	Identification No.	Date of Application	Date of Approval	Date of Denial
U.S. Army Corps of Engineers	PCN		February 13, 2022		
Alabama Dept. of Environmental Management (ADEM)	NPDES	AL0083895		July 28, 2020	
Alabama Dept. of Conservation and Natural Resources, State Lands Division (ADCNR-SLD)	n/a				
Alabama State Docks	n/a				
City/County/Other: <u>Mobile</u>	R.O.W Permit				

13. ATTACHMENTS: In addition to the completed application form, the following attachments are **REQUIRED**:

Vicinity Map: Show the location of the proposed site in relation to major highways, landmarks, and nearby streets.

Drawings: Provide plan view and cross-section or elevation view drawings of the project site. Drawings must:

1. Show fully-dimensioned and accurate representations of the existing and proposed structures and activities.
2. For projects located in or adjacent to waterways, clearly indicate the location of the Mean High Water and Mean Low Water lines (in tidally influenced areas) or the Ordinary High Water mark (in non-tidal creeks, rivers, etc.) along the shoreline or bank.
3. For projects located in or adjacent to waterways, include the width of the waterbody at the site location.

All attachments must be of reproducible quality. For hard copy applications, attachments must be on 8 ½ inch x 11 inch paper.

14. SIGNATURE OF APPLICANT OR AGENT (REQUIRED): Application is hereby made for authorization to conduct the activities described herein. I agree to provide any additional information/data that may be necessary to provide reasonable assurance or evidence to show that the proposed project will comply with the applicable state water quality standards or other environmental protection standards both during construction and after the project is completed. For projects within the coastal area of Mobile and Baldwin Counties, I certify that the proposed project for which authorization is sought complies with the approved Alabama Coastal Area Management Program and will be conducted in a manner consistent with the program. I agree to provide entry to the project site for inspectors from the environmental protection agencies for the purpose of making preliminary analyses of the site and monitoring permitted works. I certify that I am familiar with and responsible for the information contained in this application, and that to the best of my knowledge and belief such information is true, complete and accurate. I further certify that I possess the authority to undertake the proposed activities or I am acting as the duly authorized agent of the applicant.



 Signature of Applicant or Agent



 Date

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willingly falsifies, conceals, or covers up by any trick, scheme or device a material fact or make any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.

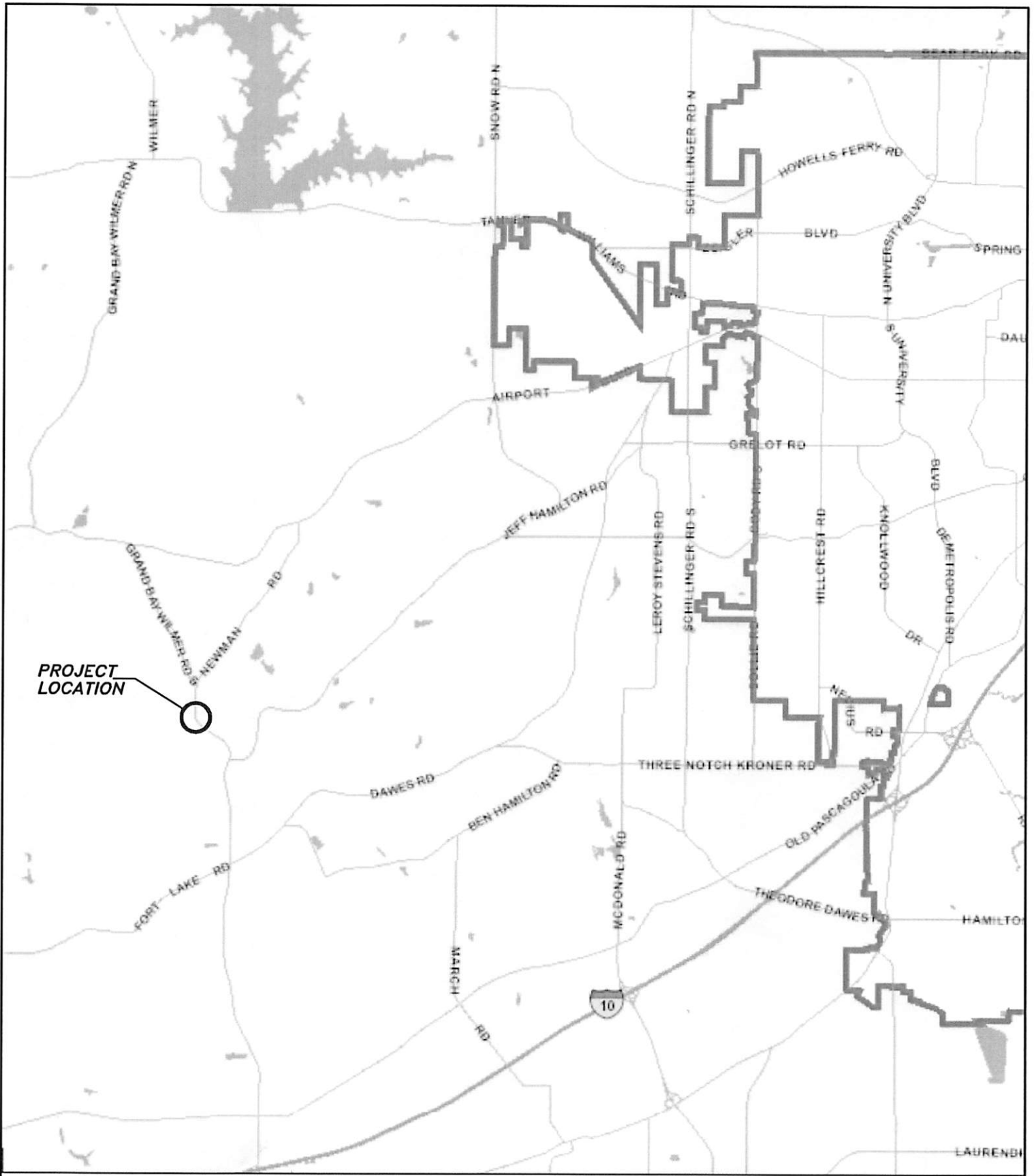
15. APPLICATION SUBMISSION INFORMATION: Contact the U.S. Army Corps of Engineers prior to submitting the application if you have any questions or to request acceptable alternate content/format. **For electronic submittals (preferred method), please use the email addresses listed below.** An instruction package, example SPCC plans, and other information are available upon request. NOTE: Fees may be required in conjunction with ADEM certification. ADEM will contact the applicant with fee requirements. Fees may also be required by the ADCNR-SLD for dredging activities and projects impacting State-Owned Submerged Lands. ADCNR-SLD will contact the applicant with fee requirements.

Submit the completed and signed application (with original or digital signature) and attachments to the appropriate U.S. Army Corps of Engineers office below:

<p>For activities in the following counties in Alabama: <i>Baldwin, Butler, Choctaw, Clarke, Coffee, Conecuh, Covington, Crenshaw, Dale, Escambia, Geneva, Henry, Houston, Marengo, Mobile, Monroe, Washington, and Wilcox</i></p>	<p>For activities in all other counties in Alabama: <i>(Portions of northern Alabama counties may be within the U.S. Army Corps of Engineers Nashville District area of responsibility. Please contact the Nashville District Regulatory Division at (615) 369-7500 for more information)</i></p>
<p>U.S. Army Corps of Engineers, Mobile District Attention: CESAM-RD-A Post Office Box 2288 Mobile, Alabama 36628-001 Phone: (251) 690-2658 Web: www.sam.usace.army.mil Email: CESAM-RD@sam.usace.army.mil</p>	<p>U.S. Army Corps of Engineers, Mobile District Attention: Regulatory Division, North Branch 218 Summit Parkway, Suite 222 Homewood, Alabama 35209 Phone: (205) 290-9096 Web: www.sam.usace.army.mil Email: RD-N2@usace.army.mil</p>

Additionally, submit a signed paper or electronic copy of the application package to the appropriate state agencies below:

<p>For activities in the following counties in Alabama: <i>Baldwin, Mobile, and Washington</i></p>		<p>For activities statewide in Alabama: <i>(For northern counties, contact the Nashville District as noted above)</i></p>	
<p>Coastal Section-Mobile Branch Field Operations Division, ADEM 3664 Dauphin Street, Suite B Mobile, AL 36608 Phone: (251) 304-1176 Fax: (251) 304-1189 Web: www.adem.state.al.us Email: coastal@adem.alabama.gov</p>	<p>ADCNR, State Lands Division Coastal Section 3115 Five Rivers Boulevard Spanish Fort, AL 36527 Phone: (251) 621-1216 Fax: (251) 621-1331 Web: www.outdooralabama.com</p>	<p>Field Operations Division, ADEM Post Office Box 301463 Montgomery, AL 36110-2059 Phone: (334) 394-4311 Fax: (334) 394-4326 Web: www.adem.state.al.us Email: fieldmail@adem.alabama.gov</p>	<p>Alabama State Port Authority Attn: Harbormaster P.O. Box 1588 Mobile, AL 36633 Phone: (251) 441-7074 Fax: (251) 441-7390 Web: www.asdd.com Email: harbormaster@asdd.com</p>

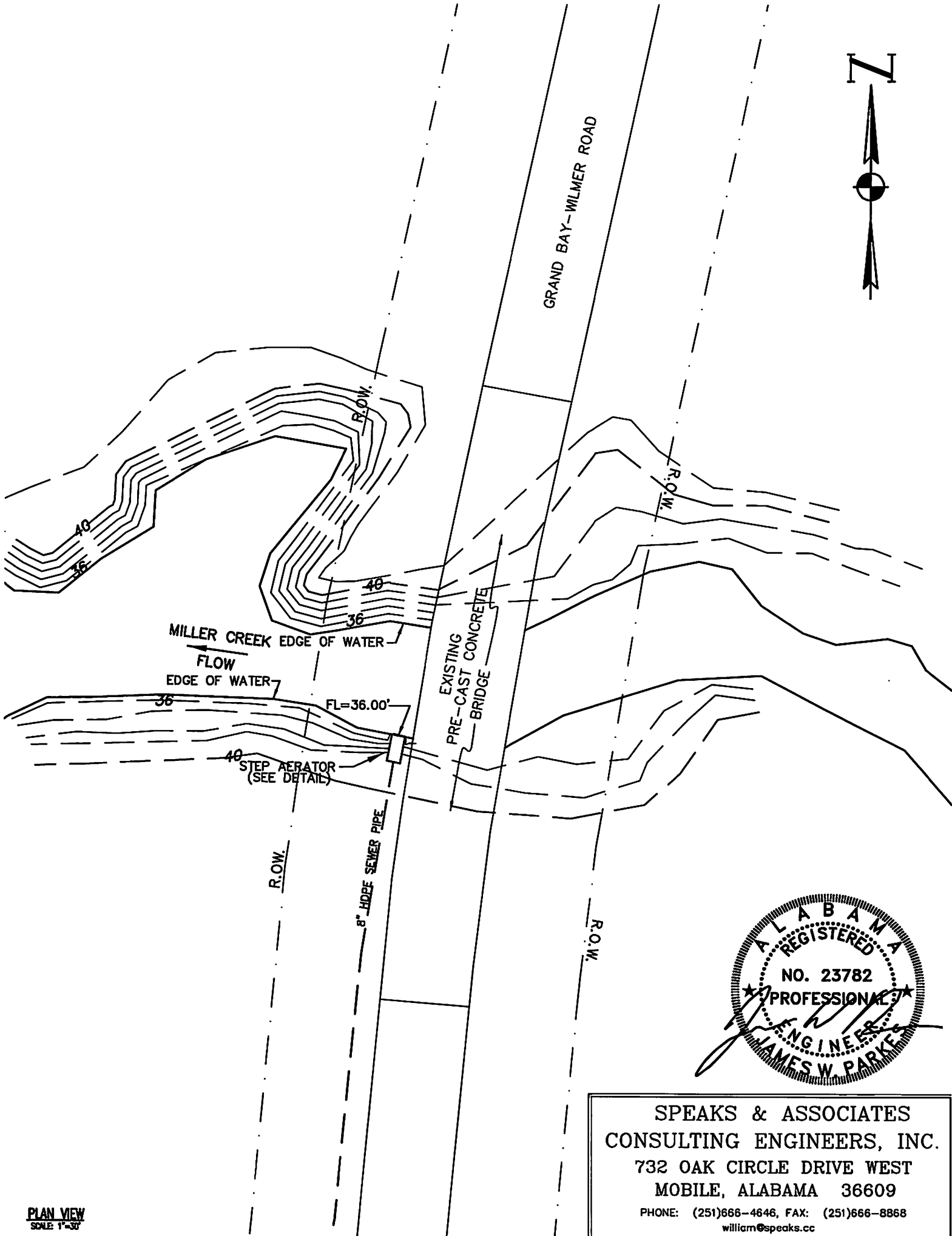


**SOUTH ALABAMA UTILITIES
DISCHARGE STRUCTURE**

VICINITY MAP

**SPEAKS & ASSOCIATES
CONSULTING ENGINEERS, INC.
732 OAK CIRCLE DRIVE WEST
MOBILE, ALABAMA 36609
PHONE: (251)666-4646, FAX: (251)666-8868**

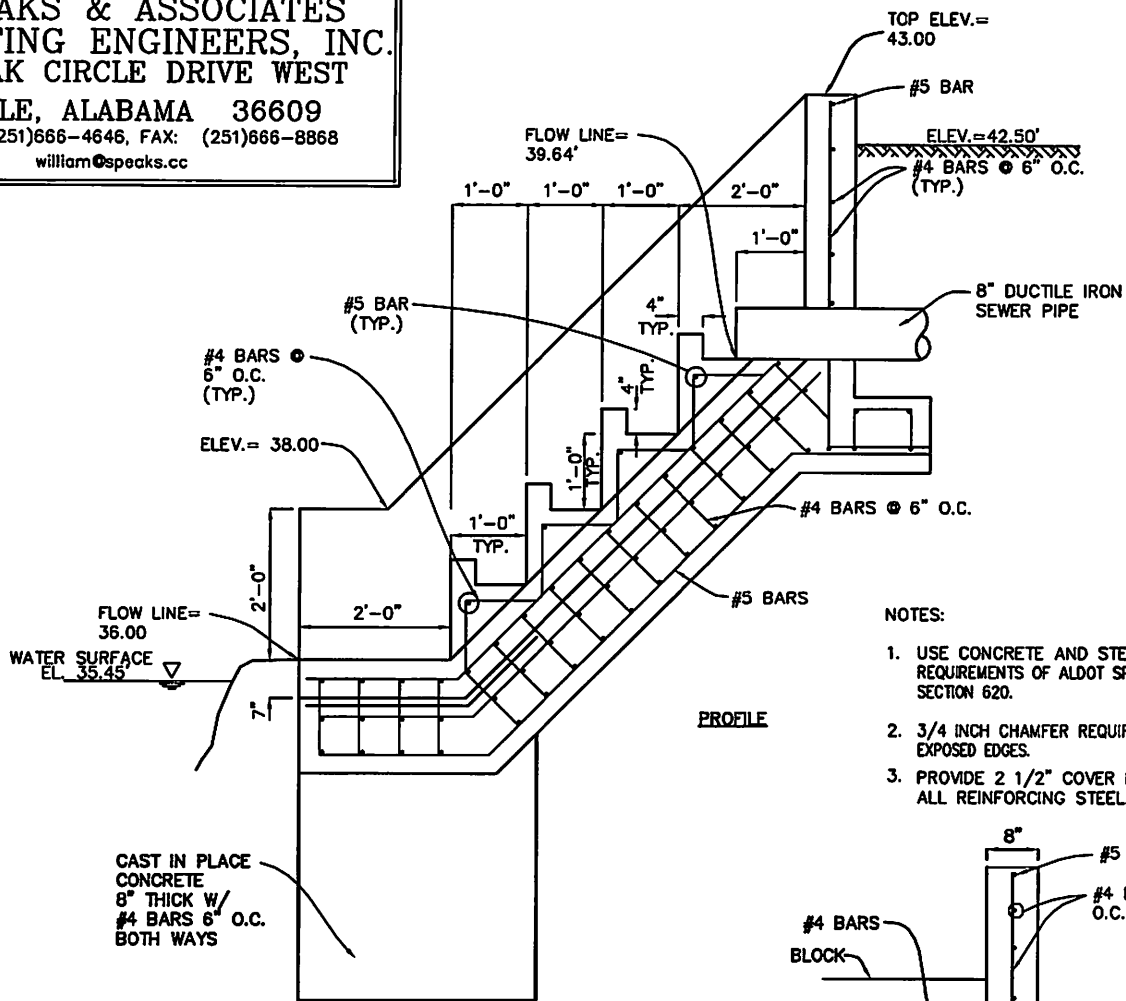




SPEAKS & ASSOCIATES
CONSULTING ENGINEERS, INC.
732 OAK CIRCLE DRIVE WEST
MOBILE, ALABAMA 36609
PHONE: (251)666-4646, FAX: (251)666-8868
william@speaks.cc

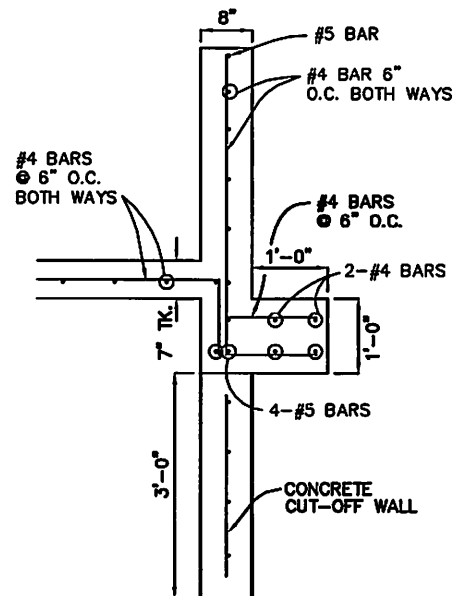
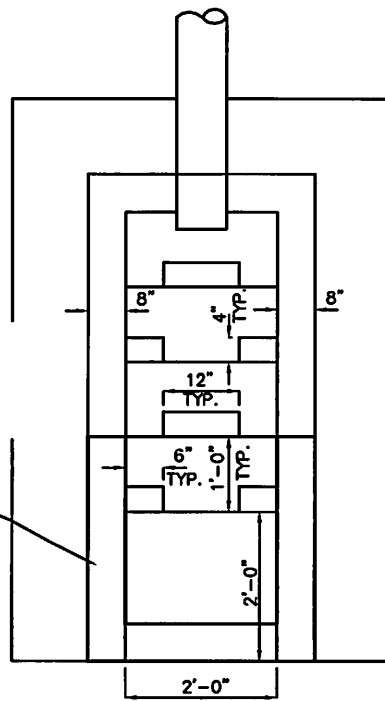
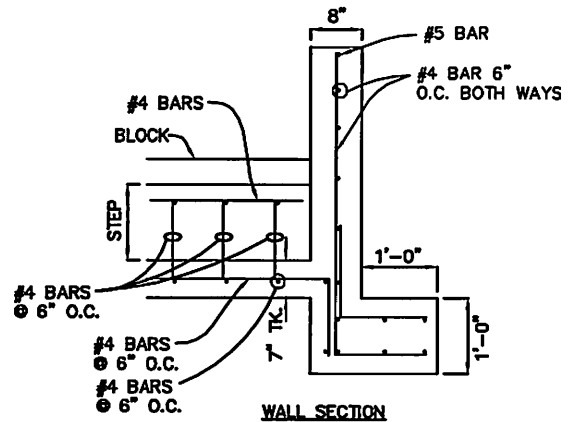
PLAN VIEW
SCALE 1"=30'

**SPEAKS & ASSOCIATES
CONSULTING ENGINEERS, INC.**
732 OAK CIRCLE DRIVE WEST
MOBILE, ALABAMA 36609
PHONE: (251)666-4646, FAX: (251)666-8868
william@speaks.cc



NOTES:

1. USE CONCRETE AND STEEL MEETING REQUIREMENTS OF ALDOT SPECIFICATIONS SECTION 620.
2. 3/4 INCH CHAMFER REQUIRED FOR ALL EXPOSED EDGES.
3. PROVIDE 2 1/2" COVER MINIMUM ON ALL REINFORCING STEEL.



STEP AERATOR





South Alabama Regional Planning Commission

William S. Stimpson, Chairman • Charles H. Murphy, Vice-Chairman
James R. Staff, Secretary - Treasurer • John F. Rhodes, Executive Director

April 21, 2022

Mr. J. William Parkes, PE
Speaks & Associates
732 Oak Circle Drive West
Mobile, AL 36609

RE: Clean Water State Revolving Fund
South Alabama Utilities
Sewer Improvements
Internal SARPC Project Review Control No. 22-04

Dear Mr. Parkes:

In response to the request for a review of this project, attached please find the completed review sheet. This review sheet need not be included in the project application packet (i.e., the Standard Form 424 with supporting documentation).

If you have any questions in this regard or require additional information, please give me a call.

Sincerely,

John F. Rhodes
Executive Director

/gwc

Enclosure

SOUTH ALABAMA REGIONAL PLANNING COMMISSION

PROJECT REVIEW SHEET

INTERNAL SARPC PROJECT CONTROL NO.: 22-04

REQUESTING AGENCY: Speaks & Associates

PROJECT: Clean Water State Revolving Fund
South Alabama Utilities
Sewer Improvements

Internal SARPC Project Review Control No. 22-04

COMMENTS: (Check one)

Does Not Apply

Concur

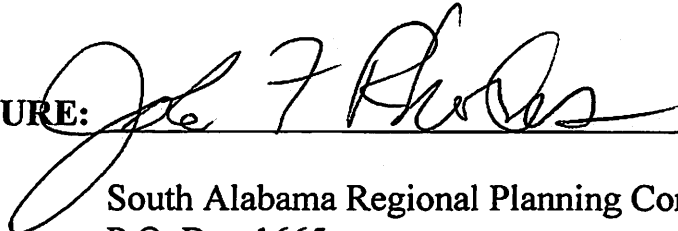
No Objection

Concur Contingent Upon (Explain Below)

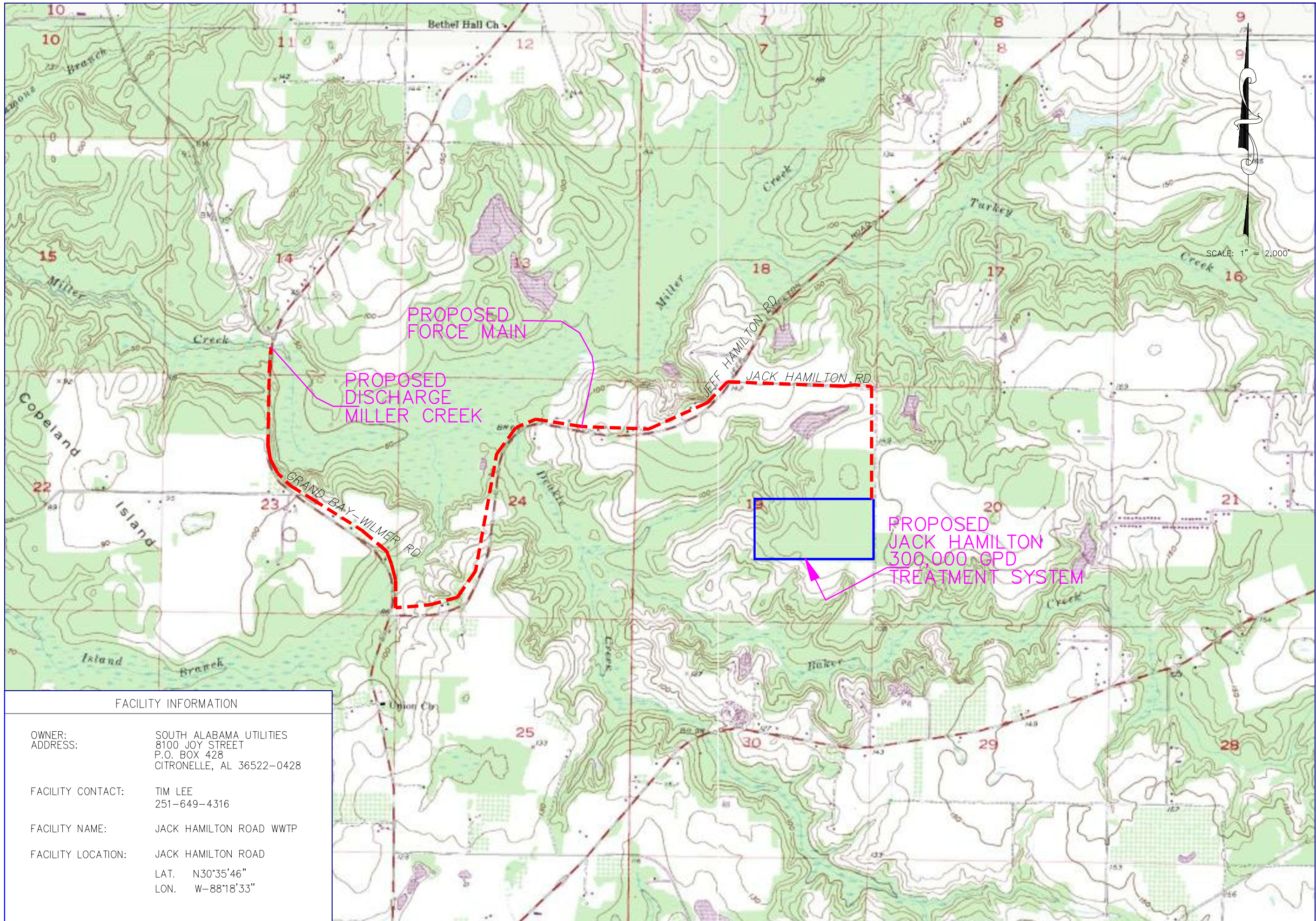
Need More Information (Explain Below)

Cannot Concur (Explain Below)

EXPLANATION:

REVIEWER SIGNATURE:  _____

South Alabama Regional Planning Commission
P.O. Box 1665
Mobile, AL 36633



SEALS

SPEAKS & ASSOCIATES
CONSULTING ENGINEERS, INC.
 737 OAK CIRCLE DRIVE WEST
 MOBILE, AL 36688
 PHONE: (251)666-4646, FAX: (251)666-3888

NO.	DATE	DESCRIPTION	BY

JACK HAMILTON ROAD WWTP
TOPO MAP
SOUTH ALABAMA UTILITIES

FACILITY INFORMATION	
OWNER: ADDRESS:	SOUTH ALABAMA UTILITIES 8100 JOY STREET P.O. BOX 428 CITRONELLE, AL 36522-0428
FACILITY CONTACT:	TIM LEE 251-649-4316
FACILITY NAME:	JACK HAMILTON ROAD WWTP
FACILITY LOCATION:	JACK HAMILTON ROAD LAT. N30°35'46" LON. W-88°18'33"

This drawing is the property of Speaks & Associates, Inc. and is not to be reproduced, copied, or used in whole or in part, without the written consent of Speaks & Associates, Inc. It is to be used for the project and site specifically identified herein. The drawing shall be prepared to the extent of the form.

DATE: MARCH 2019
 DRAWN BY: J.M.P.
 CHECKED BY: J.M.P.
 CLIENT NAME: SAU
 JOB NO.: 19-0719
 SHEET NO.: 1 OF 1

SEAL

NOT VALID WITHOUT EMBOSSED OR INK SEAL