



FLORIDA DEPARTMENT OF Environmental Protection

Southwest District Office
13051 North Telecom Parkway #101
Temple Terrace, Florida 33637-0926

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

August 13, 2020

City of Tarpon Springs
c/o Bob Robertson
324 E. Pine Street
Tarpon Springs, FL 34689
rrobertson@ctsfl.us

Dear Mr. Robertson:

Enclosed is the Environmental Resource Permit, DEP Project No. 52-0199763-002-EI, issued pursuant to Part IV of Chapter 373, Florida Statutes, and Title 62, Florida Administrative Code.

Appeal rights for you and for any affected third party are described in the text of the permit along with conditions that must be met when authorized activities are undertaken.

You, as the applicant, are responsible for all aspects of permit compliance. You should therefore review this permit document carefully to ensure compliance with the general conditions and specific conditions contained herein.

Please be aware of permit General Condition number 4, which states, "At least 48 hours prior to beginning the authorized activities, the permittee shall submit to the Agency a fully executed Form 62-330.350(1), "Construction Commencement Notice"."

If you have any questions about this document, please contact me at anthony.pidala@dep.state.fl.us or 813-470-5777. Thank you for your participation in the permit process and in managing the natural resources of the State of Florida.

Sincerely,

A handwritten signature in blue ink, appearing to read "Anthony Pidala".

Anthony Pidala
Environmental Consultant
Permitting and Waste Cleanup Programs

cc:

ERP Permitting, Southwest District, sw_erp@dep.state.fl.us
Anthony Pidala, Southwest District, anthony.pidala@floridadep.gov
Sara Perez Lopez, Southwest District, sara.perezlopez@floridadep.gov
U.S. Army Corps of Engineers, tampareg@usace.army.mil
Erin Hague, Tetra Tech, Inc., erin.hague@tetrattech.com
Angela Dunn, US Army Corps of Engineers, angela.e.dunn@usace.army.mil

Enclosure: Environmental Resource Permit with Attachments (45 pages)



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Permittee/Authorized Entity:

City of Tarpon Springs
c/o Bob Robertson
324 E. Pine Street
Tarpon Springs, FL 34689

Anclote River Dredged Material Management Area (DMMA)

Authorized Agent:

Tetra Tech, Inc.
c/o Erin Hague
1901 S. Congress Ave., Ste. 200
Boynton Beach, FL 33426

Individual Environmental Resource Permit

State-owned Submerged Lands Authorization – Approved

U.S. Army Corps of Engineers Authorization – Not Approved

Permit No.: 52-0199763-002-EI

Permit Issuance Date: August 13, 2020

Permit Construction Phase Expiration Date: August 13, 2025



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Environmental Resource Permit

Permittee: City of Tarpon Springs
Permit No: 52-0199763-002

PROJECT LOCATION

The activities authorized by this permit are located within cuts 3 through 14 and the turning basin of the existing Anclote River Federal Navigation Channel, in Tarpon Springs, Florida, Pinellas County, at latitude / longitude 28°10'06.00", -82°45'50.00".

Construction of a Dredged Material Management Area (DMMA) and dewatering activities authorized by this permit are located at L and R Industrial Rd., Tarpon Springs, Florida 34689 in Section 01, Township 27 South, Range 15 East, Pinellas County.

PROJECT DESCRIPTION

This permit authorizes the maintenance dredging of approximately 54,000 cubic yards of sediment from cuts 3 through 14 and the turning basin of the Anclote River Federal Navigation Channel, within the Anclote River, a Class III Outstanding Florida Waterbody, and partially within the Pinellas County Aquatic Preserve. The purpose of the dredge is to remove accumulated sediment and maintain the Anclote River Channel at its federally authorized depth and width. Dredged material from the permitted areas will be placed in a Dredged Material Management Area (DMMA) located on an upland parcel leased by the City of Tarpon Springs from Anclote Properties, LLC. Approximately 8.5 acres are available to the City within the leased land area, of which approximately 7.4 acres will be utilized for the DMMA and associated staging areas.

Sediment slurry dredged from permitted areas will be transported through 3,168 feet of temporary pipeline from Anclote Road to the southwestern corner of the DMMA. Dredge material will be placed in stockpiles above the DMMA water elevation and dewatered through gravity settling. A double stack half-pipe weir system will release supernatant water to a discharge weir located on the northeast corner of the diked containment basin. During the dewatering process, weir boards will be gradually removed to allow further drying and consolidation of the dredge material. From the discharge weir, decant water will be transported through 1,584 feet of pipeline to an existing ditch system. The effluent will then free flow into the receiving waters between Alt 19A and Dixie Highway.

No wetlands are present within the proposed 7.4 acre DMMA site, and no wetland impacts will occur within the pipeline construction corridor. Therefore, no mitigation is required.

The dried spoil material remaining in the DMMA will be transported on trucks to a vacant, City-owned, parcel adjacent to the City of Tarpon Springs Yard Waste Facility. Following the material disposal phase of the project, the DMMA basin will be regraded to pre-construction conditions. Site

restoration will also include soil chemical sampling and testing to ensure that the dredged material has not introduced contaminants into the soils.

Authorized activities are depicted on the attached exhibits.

AUTHORIZATIONS

Environmental Resource Permit

The Department has determined that the activity qualifies for an Environmental Resource Permit. Therefore, the Environmental Resource Permit is hereby granted, pursuant to Part IV of Chapter 373, Florida Statutes (F.S.), and Chapter 62-330, Florida Administrative Code (F.A.C.).

Sovereignty Submerged Lands Authorization

The maintenance dredging activities authorized by this permit are located on sovereignty submerged lands owned by the State of Florida. It therefore also requires authorization from the Board of Trustees of the Internal Improvement Trust Fund (Board of Trustees), pursuant to Article X, Section 11 of the Florida Constitution, and Section 253.77, F.S., and Chapter 258, F.S.

As staff to the Board of Trustees of the Internal Improvement Trust Fund (Board of Trustees) under Sections 253.002, F.S., the Department has determined that the activity qualifies for and requires a Letter of Consent, as long as the work performed is located within the boundaries as described and is consistent with the terms and conditions herein.

During the term of this Letter of Consent you shall maintain satisfactory evidence of sufficient upland interest as required by paragraph 18-21.004(3)(b), Florida Administrative Code. If such interest is terminated or the Board of Trustees determines that such interest did not exist on the date of issuance of this Letter of Consent, this Letter of Consent may be terminated by the Board of Trustees at its sole option. If the Board of Trustees terminates this Letter of Consent, you agree not to assert a claim or defense against the Board of Trustees arising out of this Letter of Consent.

Federal Authorization

Your proposed activity as outlined on your application and attached drawings **does not qualify** for Federal authorization pursuant to the State Programmatic General Permit and a **SEPARATE permit** or authorization **shall be required** from the Corps. You must apply separately to the Corps using their APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT, ENG FORM 4345, or alternative as allowed by their regulations. More information on Corps permitting may be found online in the Jacksonville District Regulatory Division Source Book at:

<https://www.saj.usace.army.mil/Missions/Regulatory/Source-Book>.

Authority for review - an agreement with the USACOE entitled "Coordination Agreement Between the U. S. Army Corps of Engineers (Jacksonville District) and the Florida Department of Environmental Protection (or Duly Authorized Designee), State Programmatic General Permit", Section 10 of the Rivers and Harbor Act of 1899, and Section 404 of the Clean Water Act.

Coastal Zone Management

Issuance of this authorization also constitutes a finding of consistency with Florida's Coastal Zone Management Program, as required by Section 307 of the Coastal Zone Management Act.

Water Quality Certification

This permit also constitutes a water quality certification under Section 401 of the Clean Water Act, 33 U.S.C. 1341.

Other Authorizations

You are advised that authorizations or permits for this activity may be required by other federal, state, regional, or local entities including but not limited to local governments or municipalities. This permit does not relieve you from the requirements to obtain all other required permits or authorizations.

The activity described may be conducted only in accordance with the terms, conditions and attachments contained in this document. Issuance and granting of the permit and authorizations herein do not infer, nor guarantee, nor imply that future permits, authorizations, or modifications will be granted by the Department.

PERMIT/SOVEREIGNTY SUBMERGED LANDS CONDITIONS

The activities described must be conducted in accordance with:

- **The Specific Conditions**
- **The General Conditions**
- **The Special Consent Conditions**
- **The General Conditions for Sovereignty Submerged Lands Authorization**
- **The limits, conditions and locations of work shown in the attached drawings**
- **The term limits of this authorization**

You are advised to read and understand these conditions and drawings prior to beginning the authorized activities, and to ensure the work is conducted in conformance with all the terms, conditions, and drawings herein. If you are using a contractor, the contractor also should read and understand these conditions and drawings prior to beginning any activity. Failure to comply with these conditions, including any mitigation requirements, shall be grounds for the Department to revoke the permit and authorization and to take appropriate enforcement action. Operation of the facility is not authorized except when determined to be in conformance with all applicable rules and this permit and sovereignty submerged lands authorization, as described.

SPECIFIC CONDITIONS

1. Submittals required herein (e.g., progress reports, as-built drawings, etc.) shall include the permittee's name and permit number 52-0199763-002-EI and shall be directed by e-mail to SW_ERP@dep.state.fl.us with a subject line of "Compliance: permit number 52-0199763-002-EI or by mail to:

Department of Environmental Protection
Southwest District
ATTN: ERP Compliance Assurance
13051 North Telecom Parkway, Suite 101
Temple Terrace, FL 33637-0926

2. The work authorized by this permit shall not be placed/conducted on any property, other than that owned by the permittee, without the prior written approval of that property owner.

SPECIFIC CONDITIONS - PRIOR TO ANY CONSTRUCTION

3. Prior to construction commencement, the permittee shall provide the Department with verification of right-of-way permits/approval from Pinellas County, for the portions of the pipeline proposed to be constructed within County right-of-way.

SPECIFIC CONDITIONS – CONSTRUCTION ACTIVITIES

4. Following construction completion of the dredge material management area (DMMA), and prior to use of the site, the permittee shall submit as-built drawings of the site for Department review and approval. The Department shall respond within 14 days of receipt of the as-built drawings.
5. Wetland areas or waterbodies that are outside the specific limits of construction authorized by this permit, must be protected from erosion, sedimentation, siltation, scouring, excess turbidity, and/or dewatering. There shall be no discharge in violation of the water quality standards in Chapter 62-302, F.A.C. Turbidity/erosion controls shall be installed prior to clearing, excavation or placement of fill material, shall be maintained until construction is completed, disturbed areas are stabilized, and turbidity levels have fallen to less than ambient background. The turbidity and erosion control devices shall be removed within 14 days once these conditions are met.
6. Areas of exposed soils shall be isolated from wetlands or other surface waters to prevent erosion and deposition of these soils into wetlands or other surface waters during construction and operation of permitted activities.
7. Any unanticipated wetland impacts resulting from construction of the dredged material pipeline shall be restored to pre-construction conditions upon construction completion.
8. Unauthorized impacts to wetlands as a result of the authorized construction shall be reported to the Department within 24 hours.
9. Storage or stockpiling of tools and materials (i.e., lumber, pilings, debris) within wetlands or other surface waters is prohibited.

SPECIFIC CONDITIONS – DREDGING ACTIVITIES

10. Watercraft associated with the construction of the permitted structure shall operate within waters of sufficient depth to preclude bottom scouring/prop dredging. There shall be a minimum 12-inch clearance between the deepest draft of the vessel (with the motor in the down position) and the top of submerged resources as measured at mean low water.
11. Dredging shall be limited to day light hours. No dredging activities are authorized to be conducted at night.

12. The DMMA shall be fully constructed, stable, and capable of functioning as proposed prior to commencement of channel dredging activities.
13. Areas to be dredged shall be dredged in accordance with the attached permit drawings and shall not exceed the areas and depths indicated on those drawings. The dredged material shall be placed in a self-contained, upland disposal site, as depicted on the attached DMMA project drawings. The dewatering/disposal area shall be constructed in a manner which shall prevent the escape of dredged material and associated effluent into wetlands and surface waters. Discharge of water or dredged material to waters of the State shall not be allowed during disposal or transport.
14. No portion of the dredge pipeline, nor any related equipment, shall be stored, anchored on, or laid on or over seagrass beds without prior Department approval. Anchoring done to secure the dredge or equipment shall be done within the navigation channel or in areas where seagrass beds are not present during dredging and related activities.
15. Prior to placing dredge material from the Anclote River in the DMMA, the permittee will conduct sediment analysis testing of all material that exceeds 10% fines per the criteria listed in Special Condition No. 6 and submit the results to the Department for review and approval prior to final disposal. The purpose of the testing is to provide reasonable assurance that dredging and placement of the spoils into the DMMA will not cause or contribute to violations of state water quality standards set forth in Chapters 62-4, 62-302, 62-520, and 62-550, F.A.C. Such exceedances may require disposal at a Class I Landfill.
16. For all samples that exceed 10% fines, the sediments shall be analyzed for the following (triplicate samples should be taken, two analyzed, and one saved in case of a discrepancy among the first two):
 - a. RCRA metals (Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver)
 - b. Zinc, Copper, Nickel
 - c. Polycyclic Aromatic Hydrocarbons (PAH's)
 - d. Total Recoverable Petroleum Hydrocarbons (TRPH's)
 - e. In freshwater sediments or if sediments are to be stored next to a freshwater body: surface water hardness must be determined in milligrams per Liter {Calcium Carbonate hardness equivalent} and the Synthetic Precipitate Leaching Procedure (SPLP) test must be performed for those metals with hardness-dependent freshwater leachability criteria (Cadmium, Chromium, Copper, Lead, Nickel, Zinc).
 - f. If any of the samples exceed residential or leachability thresholds in Rule 62-777, F.A.C., elutriate testing shall be performed for the constituent(s) that exceed the threshold(s). Guidance for how to conduct elutriate testing may be found in Sections 10.1.2 through 10.1.2.3 of the Inland Testing Manual at https://www.epa.gov/sites/production/files/2015-08/documents/inland_testing_manual_0.pdf. Elutriate testing is used to determine the likelihood that contaminants will be re-suspended in the water column, potentially causing violations of state water quality standards.
 - g. Testing guidance documents can be found at: <https://floridadep.gov/dear/quality-assurance/content/quality-assurance-resources>

17. If any prehistoric or historic artifacts, such as pottery or ceramics, stone tools or metal implements, dugout canoes, or any other physical remains that could be associated with Native American cultures, or early colonial or American settlement are encountered at any time within the project site area, work involving subsurface disturbance in the immediate vicinity of such discoveries shall cease. The permittee or other designee shall contact the Florida Department of State, Division of Historical Resources, Compliance and Review Section, at (850) 245-6333 or (800) 847-7278, as well as the appropriate permitting agency office. Such subsurface work shall not resume without verbal or written authorization from the Division of Historical Resources. If unmarked human remains are encountered, all work shall stop immediately and notification shall be provided in accordance with Section 872.05, F.S

SPECIFIC CONDITIONS – TURBIDITY

18. A floating turbidity apron/curtain shall be installed around the waterward boundary of the construction area prior to construction and shall remain in place until construction is complete and turbidity levels within the work area have returned to background levels.
19. The permittee shall be responsible for ensuring erosion control devices/procedures are inspected and maintained daily during all phases of construction authorized by this permit until areas disturbed during construction are sufficiently stabilized to prevent erosion, siltation, and turbid discharges.
20. Turbidity levels outside the construction area shall not exceed ambient levels within the Outstanding Florida Waterbody/Aquatic Preserve or 29 NTUs above background outside the OFW/Aquatic Preserve. The following measures shall be taken immediately by the permittee whenever turbidity levels within waters of the State surrounding the project site exceed ambient levels within the Outstanding Florida Waterbody/Aquatic Preserve or 29 NTUs above background outside the OFW/Aquatic Preserve:
 - a. Notify the Department at 813-470-5700 at the time the violation is first detected.
 - b. Immediately cease all work contributing to the water quality violation.
 - c. Stabilize all exposed soils contributing to the violation. Modify the work procedures that were responsible for the violation, install more turbidity containment devices, and repair any non-functional turbidity containment devices.
 - d. As required, perform turbidity monitoring per Specific Conditions 21 and 22.
 - e. Resume construction activities once turbidity levels outside turbidity curtains fall below ambient levels within the Outstanding Florida Waterbody/Aquatic Preserve.
21. Water turbidity levels shall be monitored if a turbidity plume is observed outside the limits of the required turbidity control devices. Samples shall be taken every four hours, one foot above the bottom, mid-depth, and one-foot below the surface at monitoring stations located as follows:
 - a. a. Approximately 100 feet up-current of the work sites and clearly outside the influence of construction activities. (This shall serve as the natural background sample against which other turbidity readings shall be compared.)

- b. Directly outside the turbidity curtains surrounding the work sites and within the densest portion of any visible turbidity plume. (This sample shall serve as the compliance sample.)
22. During dredging activities, the permittee or permittee's contractor shall collect the following turbidity monitoring data at the frequency and water depths directed by Specific Condition 21:
 - a. Permit number;
 - b. Date and time of sampling event
 - c. Turbidity sampling results (background NTUs, compliance NTUs, and the difference between them)
 - d. Description of data collection methods
 - e. An aerial map indicating the sampling locations
 - f. Depth of sample(s)
 - g. Weather conditions at times of sampling
 - h. Tidal stage and direction of flow

Data shall be collected in a turbidity log and shall include a statement by the individual responsible for implementation of the sampling program attesting to the authenticity, precision, limits of detection, and accuracy of the data. The turbidity log shall be scanned and sent on a weekly basis to the Department's Environmental Resources Compliance Assurance Program Staff by email at SW_ERP@floridadep.gov. The subject line of the email shall include the project name, permit number, and the title "Turbidity Monitoring Reports."

23. The permittee shall comply with the following QA/QC requirements for each sample collected:
 - a. Turbidity analysis shall be performed on instruments that produce results in Nephelometric measurements.
 - b. The instrument shall be calibrated each morning and each time the instrument is turned on and recalibrated every four hours thereafter.
 - c. Calibrations shall be performed against a blank, and at least one formazin or gel-type standard. The standard value should be in the same range as the sample readings.
24. Measurements must be acquired in adherence to the Department's Standard Operating Procedure (SOP) for field turbidity, available at the website: www.dep.state.fl.us/labs/qa/sops.htm. More specifically, the instruments used to measure turbidity shall be fully calibrated within one month of the commencement of the project, and at least once a month thereafter during the project. Calibration shall be verified each morning prior to use, and after each time the instrument is turned on, using a turbidity "standard" that is different from the one used during calibration.

SPECIFIC CONDITIONS – MANATEE

25. All personnel associated with the project shall be instructed about the presence of manatees and manatee speed zones, and the need to avoid collisions with, and injury to manatees. The permittee shall advise all construction personnel that there are civil and criminal penalties

- for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act, the Endangered Species Act, and the Florida Manatee Sanctuary Act.
26. All vessels associated with the construction project shall operate at "Idle Speed/No Wake" at all times while in the immediate area and while in water where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels shall follow routes of deep water whenever possible.
 27. Siltation or turbidity barriers shall be made of material in which manatees cannot become entangled, shall be properly secured, and shall be regularly monitored to avoid manatee entanglement or entrapment. Barriers shall not impede manatee movement.
 28. All on-site project personnel are responsible for observing water-related activities for the presence of manatees. All in-water operations, including vessels, shall be shutdown if a manatee comes within 50 feet of the operation. Activities shall not resume until every manatee has moved beyond the 50-foot radius of the project operation, or until 30 minutes has elapsed wherein a manatee has not reappeared within 50 feet of the operation. Animals shall not be herded away or harassed into leaving.
 29. Any collision with or injury to a manatee shall be reported immediately to the FWC Hotline at 1-888-404-FWCC. Collision and/or injury should also be reported to the U.S. Fish and Wildlife Service in Jacksonville (1-904-731-3336) for north Florida or Vero Beach (1-772-562-3909) for south Florida.

SPECIFIC CONDITIONS - OTHER LISTED SPECIES

30. This permit does not authorize the permittee to cause any adverse impact to or "take" of state listed species and other regulated species of fish and wildlife. Compliance with state laws regulating the take of fish and wildlife is the responsibility of the owner or applicant associated with this project. Please refer to Chapter 68A-27 of the Florida Administrative Code for definitions of "take" and a list of fish and wildlife species. If listed species are observed onsite, FWC staff are available to provide decision support information or assist in obtaining the appropriate FWC permits. Most marine endangered and threatened species are statutorily protected and a "take" permit cannot be issued. Requests for further information or review can be sent to FWCConservationPlanningServices@MyFWC.com.

SPECIFIC CONDITIONS - CONSTRUCTION COMPLETION

31. The permittee shall submit one set of signed, dated and sealed as-built drawings to the Department via email at SW_ERP@dep.state.fl.us for review and approval within 30 days of completion of construction. (Please contact the Department for files that are too large to email for alternative means of submitting electronically.) The as-built drawings shall be based on the Department permitted construction drawings and any pertinent specific conditions, which should be revised to reflect changes made during construction. Both the original design and constructed elevations must be clearly shown. The plans must be clearly labeled as "as-built" or "record" drawings. Surveyed dimensions and elevations required shall be verified and signed, dated and sealed by a Florida registered professional. *As-builts shall be submitted to the Department regardless of whether deviations are present or not. In*

addition, the permittee shall submit the “As-Built Certification and Request for Conversion to Operation Phase” form (Ch. 62-330.310(1), F.A.C.); as required in General Condition #6.

The following information shall be verified on the as-built drawing from the engineering drawings submitted by the U.S. Army Corps of Engineers on April 29, 2020.

Plan View/Cross Section Name	Drawing Number(s)
Site Plan	Plate 2 of 5
DMMA Typical Cross Section	Plate 3 of 5
Weir Plan	Plate 4 of 5
Weir and Culvert Sections	Plate 5 of 5

SPECIFIC CONDITIONS – OPERATION AND MAINTENANCE ACTIVITIES

32. Operation, closeout, and restoration of the DMMA site will be in accordance with Sections 3.0 through 4.2 of the attached DMMA Management Plan.

GENERAL CONDITIONS FOR INDIVIDUAL PERMITS

The following general conditions are binding on all individual permits issued under chapter 62-330, F.A.C., except where the conditions are not applicable to the authorized activity, or where the conditions must be modified to accommodate project-specific conditions.

1. All activities shall be implemented following the plans, specifications and performance criteria approved by this permit. Any deviations must be authorized in a permit modification in accordance with Rule 62-330.315, F.A.C. Any deviations that are not so authorized may subject the permittee to enforcement action and revocation of the permit under Chapter 373, F.S.
2. A complete copy of this permit shall be kept at the work site of the permitted activity during the construction phase, and shall be available for review at the work site upon request by the Agency staff. The permittee shall require the contractor to review the complete permit prior to beginning construction.
3. Activities shall be conducted in a manner that does not cause or contribute to violations of state water quality standards. Performance-based erosion and sediment control best management practices shall be installed immediately prior to, and be maintained during and after construction as needed, to prevent adverse impacts to the water resources and adjacent lands. Such practices shall be in accordance with the *State of Florida Erosion and Sediment Control Designer and Reviewer Manual (Florida Department of Environmental Protection and Florida Department of Transportation June 2007)*, and the *Florida Stormwater Erosion and Sedimentation Control Inspector’s Manual (Florida Department of Environmental Protection, Nonpoint Source Management Section, Tallahassee, Florida, July 2008)*, which are both incorporated by reference in subparagraph 62-330.050(9)(b)5., F.A.C., unless a project-specific erosion and sediment control plan is approved or other water quality control measures are required as part of the permit.

4. At least 48 hours prior to beginning the authorized activities, the permittee shall submit to the Agency a fully executed Form 62-330.350(1), "Construction Commencement Notice," [October 1, 2013], which is incorporated by reference in paragraph 62-330.350(1)(d), F.A.C., indicating the expected start and completion dates. A copy of this form may be obtained from the Agency, as described in subsection 62-330.010(5), F.A.C. If available, an Agency website that fulfills this notification requirement may be used in lieu of the form.
5. Unless the permit is transferred under Rule 62-330.340, F.A.C., or transferred to an operating entity under Rule 62-330.310, F.A.C., the permittee is liable to comply with the plans, terms and conditions of the permit for the life of the project or activity.
6. Within 30 days after completing construction of the entire project, or any independent portion of the project, the permittee shall provide the following to the Agency, as applicable:
 - a. For an individual, private single-family residential dwelling unit, duplex, triplex, or quadruplex – "Construction Completion and Inspection Certification for Activities Associated With a Private Single-Family Dwelling Unit" [Form 62-330.310(3)]; or
 - b. For all other activities – "As-Built Certification and Request for Conversion to Operational Phase" [Form 62-330.310(1)].
 - c. If available, an Agency website that fulfills this certification requirement may be used in lieu of the form.
7. If the final operation and maintenance entity is a third party:
 - a. Prior to sales of any lot or unit served by the activity and within one year of permit issuance, or within 30 days of as- built certification, whichever comes first, the permittee shall submit, as applicable, a copy of the operation and maintenance documents (see sections 12.3 thru 12.3.3 of Volume I) as filed with the Department of State, Division of Corporations and a copy of any easement, plat, or deed restriction needed to operate or maintain the project, as recorded with the Clerk of the Court in the County in which the activity is located.
 - b. Within 30 days of submittal of the as- built certification, the permittee shall submit "Request for Transfer of Environmental Resource Permit to the Perpetual Operation Entity" [Form 62-330.310(2)] to transfer the permit to the operation and maintenance entity, along with the documentation requested in the form. If available, an Agency website that fulfills this transfer requirement may be used in lieu of the form.
8. The permittee shall notify the Agency in writing of changes required by any other regulatory agency that require changes to the permitted activity, and any required modification of this permit must be obtained prior to implementing the changes.
9. This permit does not:
 - a. Convey to the permittee any property rights or privileges, or any other rights or privileges other than those specified herein or in Chapter 62-330, F.A.C.;
 - b. Convey to the permittee or create in the permittee any interest in real property;
 - c. Relieve the permittee from the need to obtain and comply with any other required federal, state, and local authorization, law, rule, or ordinance; or
 - d. Authorize any entrance upon or work on property that is not owned, held in easement, or controlled by the permittee.

10. Prior to conducting any activities on state-owned submerged lands or other lands of the state, title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund, the permittee must receive all necessary approvals and authorizations under Chapters 253 and 258, F.S. Written authorization that requires formal execution by the Board of Trustees of the Internal Improvement Trust Fund shall not be considered received until it has been fully executed.

11. The permittee shall hold and save the Agency harmless from any and all damages, claims, or liabilities that may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any project authorized by the permit.

12. The permittee shall notify the Agency in writing:

- a. Immediately if any previously submitted information is discovered to be inaccurate; and
- b. Within 30 days of any conveyance or division of ownership or control of the property or the system, other than conveyance via a long-term lease, and the new owner shall request transfer of the permit in accordance with Rule 62-330.340, F.A.C. This does not apply to the sale of lots or units in residential or commercial subdivisions or condominiums where the stormwater management system has been completed and converted to the operation phase.

13. Upon reasonable notice to the permittee, Agency staff with proper identification shall have permission to enter, inspect, sample and test the project or activities to ensure conformity with the plans and specifications authorized in the permit.

14. If prehistoric or historic artifacts, such as pottery or ceramics, projectile points, stone tools, dugout canoes, metal implements, historic building materials, or any other physical remains that could be associated with Native American, early European, or American settlement are encountered at any time within the project site area, the permitted project shall cease all activities involving subsurface disturbance in the vicinity of the discovery. The permittee or other designee shall contact the Florida Department of State, Division of Historical Resources, Compliance Review Section (DHR), at (850)245-6333, as well as the appropriate permitting agency office. Project activities shall not resume without verbal or written authorization from the Division of Historical Resources. If unmarked human remains are encountered, all work shall stop immediately and the proper authorities notified in accordance with section 872.05, F.S. For project activities subject to prior consultation with the DHR and as an alternative to the above requirements, the permittee may follow procedures for unanticipated discoveries as set forth within a cultural resources assessment survey determined complete and sufficient by DHR and included as a specific permit condition herein.

15. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered binding unless a specific condition of this permit or a formal determination under Rule 62-330.201, F.A.C., provides otherwise.

16. The permittee shall provide routine maintenance of all components of the stormwater management system to remove trapped sediments and debris. Removed materials shall be disposed of in a landfill or other uplands in a manner that does not require a permit under Chapter 62-330, F.A.C., or cause violations of state water quality standards.

17. This permit is issued based on the applicant's submitted information that reasonably demonstrates that adverse water resource-related impacts will not be caused by the completed permit activity. If any adverse impacts result, the Agency will require the permittee to eliminate the cause, obtain any necessary permit modification, and take any necessary corrective actions to resolve the adverse impacts.

18. A Recorded Notice of Environmental Resource Permit may be recorded in the county public records in accordance with subsection 62-330.090(7), F.A.C. Such notice is not an encumbrance upon the property.

SPECIAL CONSENT CONDITIONS

1. The applicant agrees to indemnify, defend and hold harmless the Board of Trustees and the State of Florida from all claims, actions, lawsuits and demands in any form arising out of the authorization to use sovereignty submerged lands or the applicant's use and construction of structures on sovereignty submerged lands. This duty to indemnify and hold harmless will include any and all liabilities that are associated with the structure or activity including special assessments or taxes that are now or in the future assessed against the structure or activity during the period of the authorization.

2. Failure by the Board of Trustees to enforce any violation of a provision of the authorization or waiver by the Board of Trustees of any provision of the authorization will not invalidate the provision not enforced or waived, nor will the failure to enforce or a waiver prevent the Board of Trustees from enforcing the unenforced or waived provision in the event of a violation of that provision.

3. Applicant binds itself and its successors and assigns to abide by the provisions and conditions set forth in the authorization. If the applicant or its successors or assigns fails or refuses to comply with the provisions and conditions of the authorization, the authorization may be terminated by the Board of Trustees after written notice to the applicant or its successors or assigns. Upon receipt of such notice, the applicant or its successors or assigns will have thirty (30) days in which to correct the violations. Failure to correct the violations within this period will result in the automatic revocation of this authorization.

4. All costs incurred by the Board of Trustees in enforcing the terms and conditions of the authorization will be paid by the applicant. Any notice required by law will be made by certified mail at the address shown on page one of the authorization. The applicant will notify the Board of Trustees in writing of any change of address at least ten days before the change becomes effective.

5. This authorization does not allow any activity prohibited in a conservation easement or restrictive covenant that prohibits the activity.

GENERAL CONDITIONS FOR SOVEREIGNTY SUBMERGED LANDS AUTHORIZATION

Any use of sovereignty submerged lands is subject to the following general conditions are binding upon the applicant and are enforceable under Chapter 253, F.S. and Chapter 258, F.S.

1. Sovereignty submerged lands may be used only for the specified activity or use. Any unauthorized deviation from the specified activity or use and the conditions for undertaking that activity or use will constitute a violation. Violation of the authorization will result in suspension or revocation of the applicant's use of the sovereignty submerged lands unless cured to the satisfaction of the Board of Trustees.
2. Authorization under Rule 18-21.005, F.A.C., conveys no title to sovereignty submerged lands or water column, nor does it constitute recognition or acknowledgment of any other person's title to such land or water.
3. Authorizations under Rule 18-21.005, F.A.C., may be modified, suspended or revoked in accordance with its terms or the remedies provided in Sections 253.04, F.S. and Chapter 18-14, F.A.C.
4. Structures or activities will be constructed and used to avoid or minimize adverse impacts to resources.
5. Construction, use, or operation of the structure or activity will not adversely affect any species which is endangered, threatened or of special concern, as listed in Rules 68A-27.003, 68A-27.004, and 68A-27.005, F.A.C.
6. Structures or activities will not unreasonably interfere with riparian rights. When a court of competent jurisdiction determines that riparian rights have been unlawfully affected, the structure or activity will be modified in accordance with the court's decision.
7. Structures or activities will not create a navigational hazard.
8. Structures will be maintained in a functional condition and will be repaired or removed if they become dilapidated to such an extent that they are no longer functional.
9. Structures or activities will be constructed, operated, and maintained solely for water dependent purposes.
10. The applicant agrees to indemnify, defend and hold harmless the Board of Trustees and the State of Florida from all claims, actions, lawsuits and demands in any form arising out of the authorization to use sovereignty submerged lands or the applicant's use and construction of structures on sovereignty submerged lands. This duty to indemnify and hold harmless will include any and all liabilities that are associated with the structure or activity including special assessments or taxes that are now or in the future assessed against the structure or activity during the period of the authorization.
11. Failure by the Board of Trustees to enforce any violation of a provision of the authorization or waiver by the Board of Trustees of any provision of the authorization will not invalidate the provision not enforced or waived, nor will the failure to enforce or a waiver prevent the Board of Trustees from enforcing the unenforced or waived provision in the event of a violation of that provision.

12. Applicant binds itself and its successors and assigns to abide by the provisions and conditions set forth in the authorization. If the applicant or its successors or assigns fails or refuses to comply with the provisions and conditions of the authorization, the authorization may be terminated by the Board of Trustees after written notice to the applicant or its successors or assigns. Upon receipt of such notice, the applicant or its successors or assigns will have thirty (30) days in which to correct the violations. Failure to correct the violations within this period will result in the automatic revocation of this authorization.

13. All costs incurred by the Board of Trustees in enforcing the terms and conditions of the authorization will be paid by the applicant. Any notice required by law will be made by certified mail at the address shown on page one of the authorization. The applicant will notify the Board of Trustees in writing of any change of address at least ten days before the change becomes effective.

14. This authorization does not allow any activity prohibited in a conservation easement or restrictive covenant that prohibits the activity.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rule 28-106.201, F.A.C., a petition for an administrative hearing must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, any email address, any facsimile number, 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 are or will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency 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 that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition 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. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who has asked the Department for notice of agency action may file a petition within 21 days of receipt of such notice, regardless of the date of publication. The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. 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.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, before the applicable deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

FLAWAC Review

The applicant, or any party within the meaning of Section 373.114(1)(a) or 373.4275, F.S., may also seek appellate review of this order before the Land and Water Adjudicatory Commission under Section 373.114(1) or 373.4275, F.S. Requests for review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when this order is filed with the Clerk of the Department.

Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to 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, M.S. 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 this action is filed with the Clerk of the Department.

Executed in Hillsborough County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Pamala Vazquez
Program Administrator
Permitting and Waste Cleanup Program
Southwest District

Attachments:

1. Project Drawings – DMMA and Pipeline (6 pages)
2. Project Drawings – Maintenance Dredge locations (4 pages)
3. DMMA Management Plan (10 pages)
4. Construction Commencement Notice/Form 62-330.350 (1 Page)
5. As-built Certification and Request for Conversion to Operational Phase/ Form 62-330.310 (2 Pages)
6. Request for Transfer to the Perpetual Operation Entity/Form 62-330.310 (1 Page)
7. Request to Transfer Permit/Form 62-330.340 (2 Pages)
8. Operation and Maintenance Inspection Certification/Form 62-330.311(2 Pages)

Copies furnished to:

ERP Permitting, Southwest District, sw_erp@dep.state.fl.us
Anthony Pidala, Southwest District, anthony.pidala@floridadep.gov
Sara Perez Lopez, Southwest District, sara.perezlopez@floridadep.gov
U.S. Army Corps of Engineers, tampareg@usace.army.mil
Erin Hauge, Tetra Tech, Inc., erin.hague@tetrattech.com
Angela Dunn, US Army Corps of Engineers, angela.e.dunn@usace.army.mil

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this permit and authorization to use sovereignty submerged lands, including all copies, were mailed before the close of business on August 13, 2020, to the above listed persons.

FILING AND ACKNOWLEDGMENT

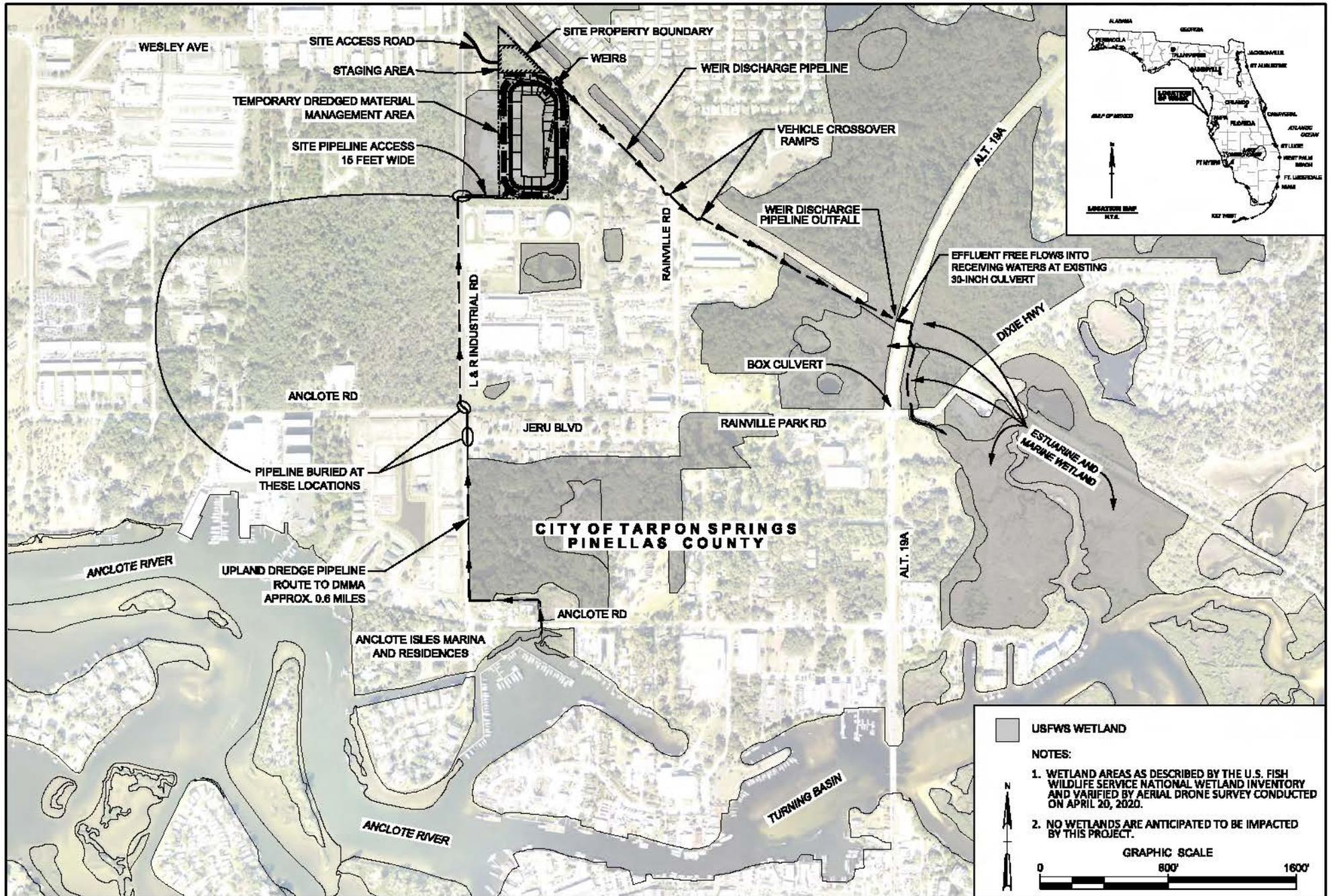
FILED, on this date, under 120.52(7) of the Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.



Clerk

August 13, 2020

Date



ERP PERMIT PLATE
NOT FOR CONSTRUCTION

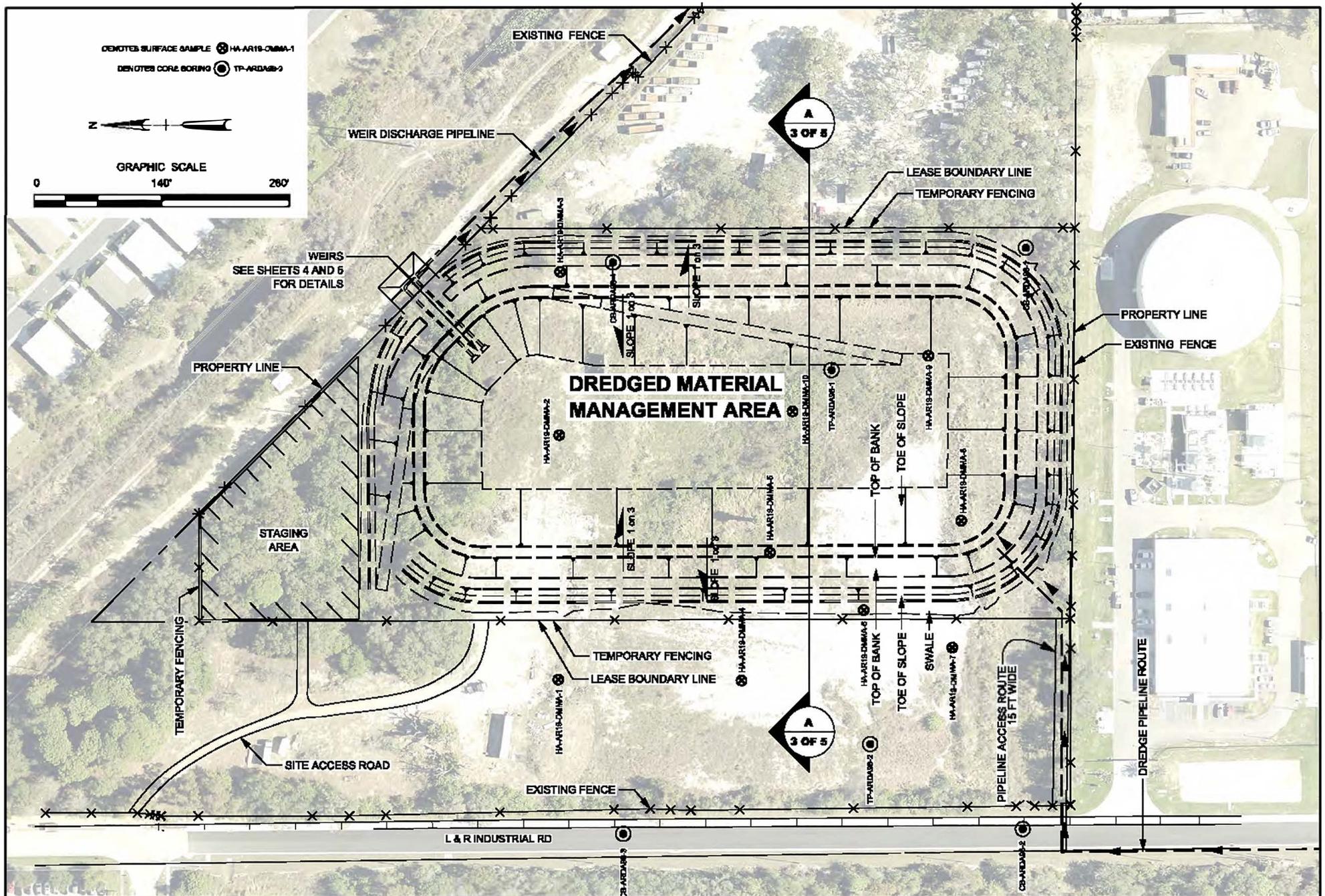
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Des by: MLC
Dwn by: MLC
Cld by: WLR
Dated: APRIL 2020

TARPON SPRINGS, FLORIDA
TEMPORARY DREDGED MATERIAL MANAGEMENT AREA
ERP PERMIT PLATE

OVERVIEW

PLATE
1 OF 5



US Army Corps
of Engineers
Jacksonville District

ERP PERMIT PLATE
NOT FOR CONSTRUCTION

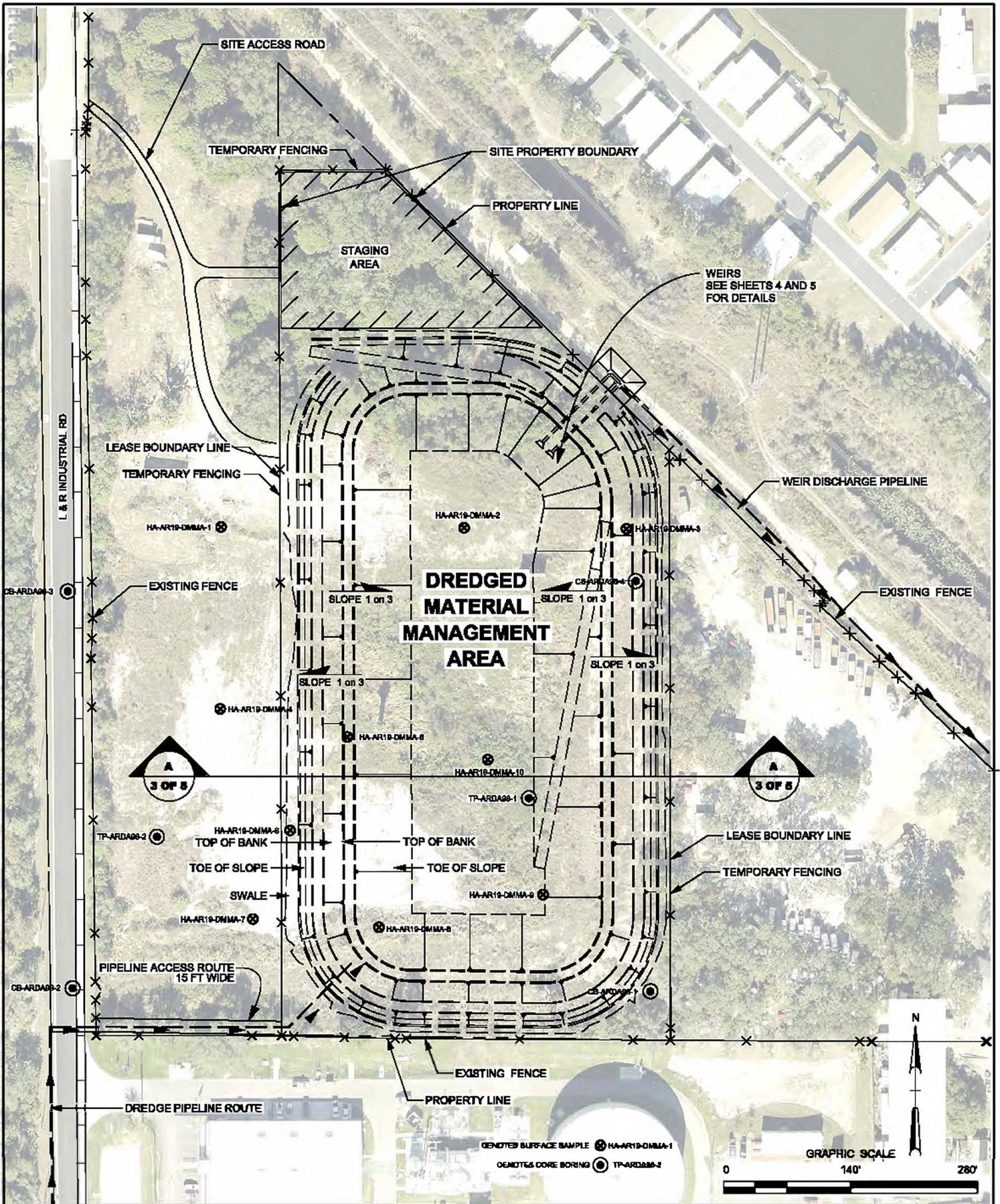
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Des by: MLC
Dwn by: MLC
Ckd by: WLR
Dated: NOVEMBER 2019

TARPON SPRINGS, FLORIDA
TEMPORARY DREDGED MATERIAL MANAGEMENT AREA
ERP PERMIT PLATE
SITE PLAN

PLATE

2 OF 5



TARPON SPRINGS, FLORIDA
TEMPORARY DREDGED MATERIAL MANAGEMENT AREA
ERP PERMIT PLATE
SITE PLAN

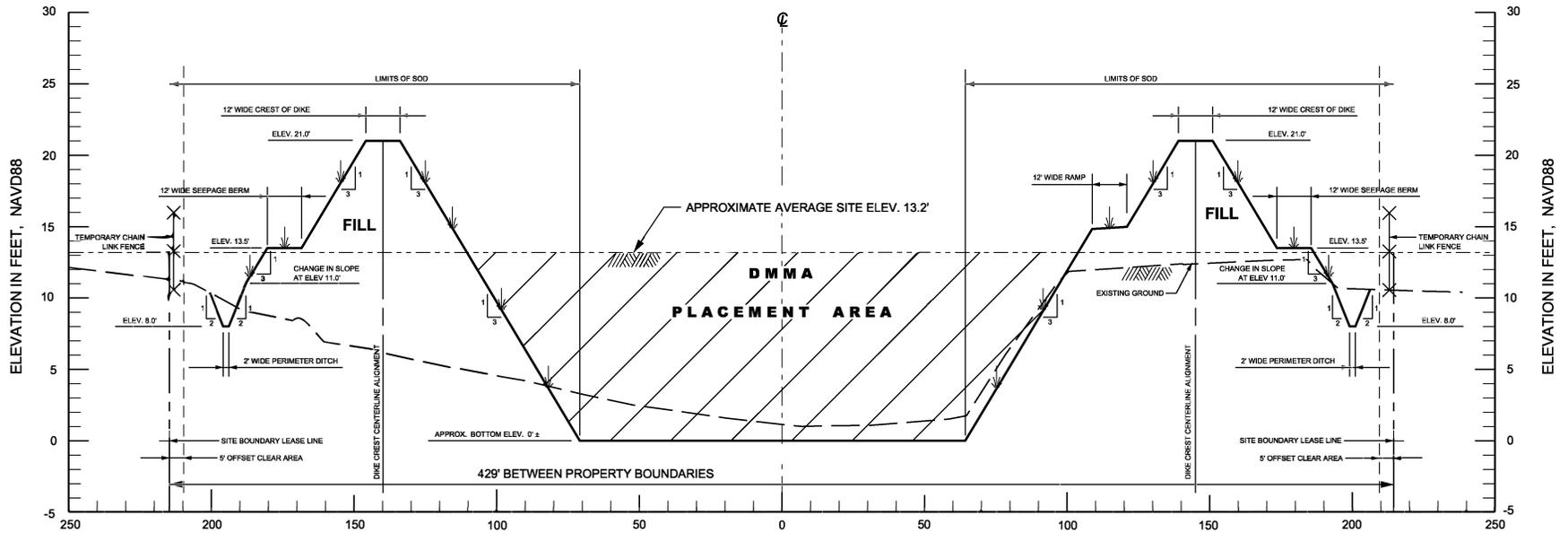
Drawn by: MLC
 Design by: MLC
 Checked by: WLR
 Dated: NOVEMBER 2010

ERP PERMIT PLATE
NOT FOR CONSTRUCTION
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

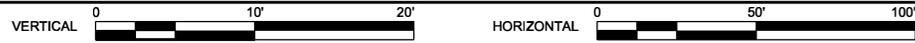
PLATE
2 OF 5



US Army Corps of Engineers
 Jacksonville District



A DISPOSAL AREA - TYPICAL DIKE CROSS SECTION
 2 OF 5



US Army Corps of Engineers
 Jacksonville District

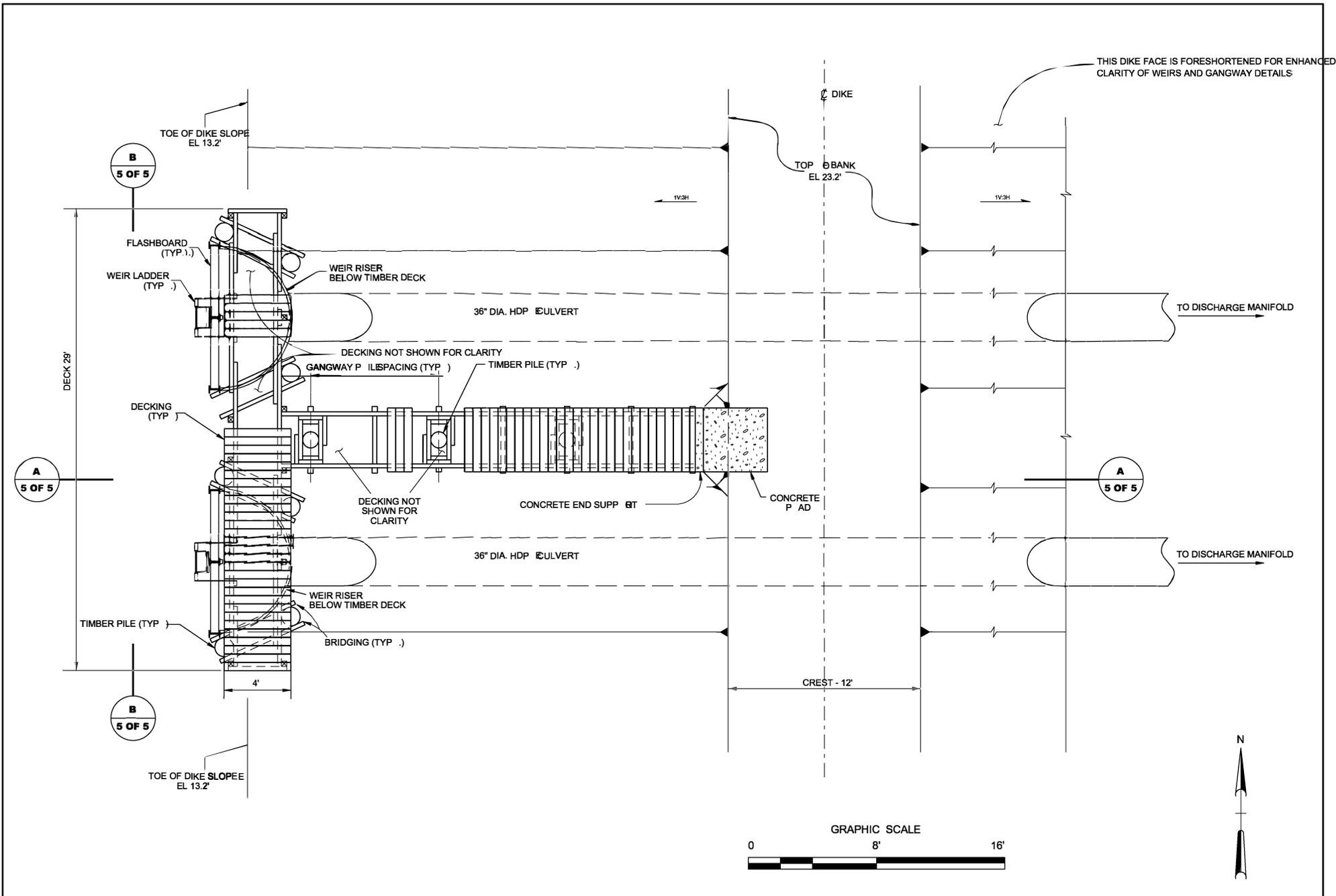
ERP PERMIT PLATE
 NOT FOR CONSTRUCTION

DEPARTMENT OF THE ARMY
 JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
 JACKSONVILLE, FLORIDA

Den by: MLC
 Dwn by: MLC
 Ckd by: WLR
 Dated: NOVEMBER 2019

TARPON SPRINGS, FLORIDA
 TEMPORARY DREDGED MATERIAL MANAGEMENT AREA
 ERP PERMIT PLATE
 DMMA TYPICAL CROSS SECTION

PLATE
 3 OF 5



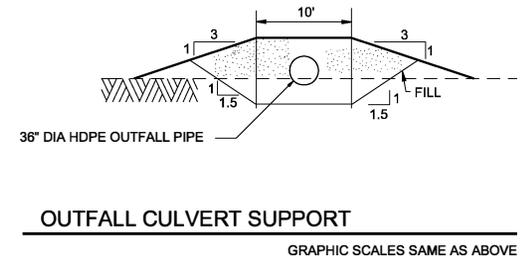
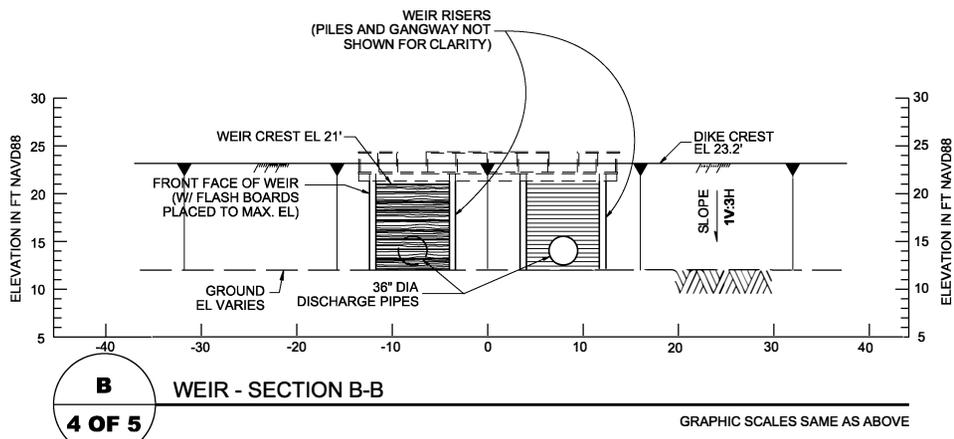
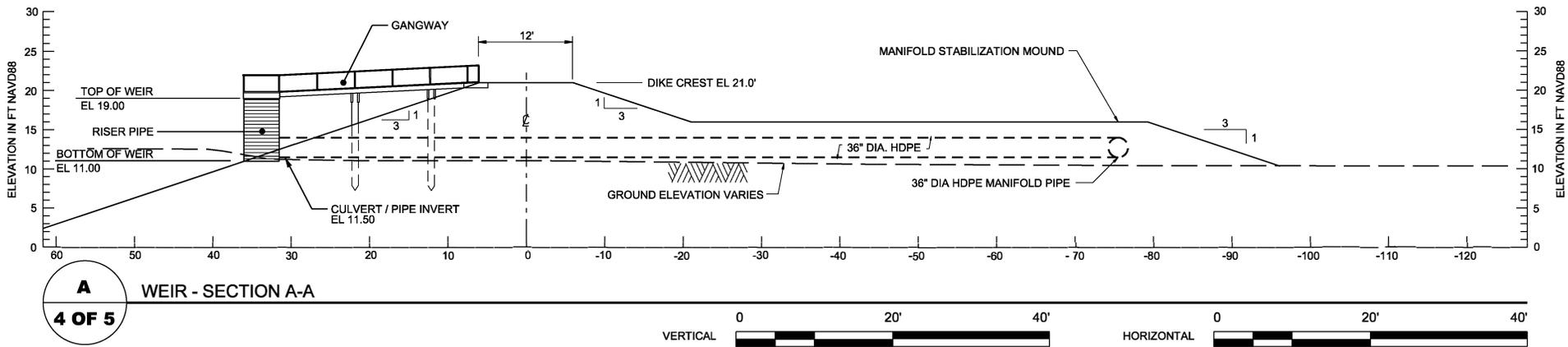
ERP PERMIT PLATE
NOT FOR CONSTRUCTION

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Desn by: MLC
Dwn by: MLC
Ckd by: WLR
Dated: NOVEMBER 2019

TARPON SPRINGS, FLORIDA
TEMPORARY DREDGED MATERIAL MANAGEMENT AREA
ERP PERMIT PLATE
WEIR PLAN

PLATE
4 OF 5



US Army Corps of Engineers
Jacksonville District

ERP PERMIT PLATE
NOT FOR CONSTRUCTION

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Den by: MLC
Dwn by: MLC
Ckd by: WLR
Dated: NOVEMBER 2019

TARPON SPRINGS, FLORIDA
TEMPORARY DREDGED MATERIAL MANAGEMENT AREA
ERP PERMIT PLATE
WEIR AND CULVERT SECTIONS

PLATE
5 OF 5



Figure 3-2: Important Manatee Area, Anclote River Channel.
 Sources: Corps 2018.

**MAINTENANCE DREDGING OF THE ANCLOTE RIVER CHANNEL
 ENVIRONMENTAL ASSESSMENT**

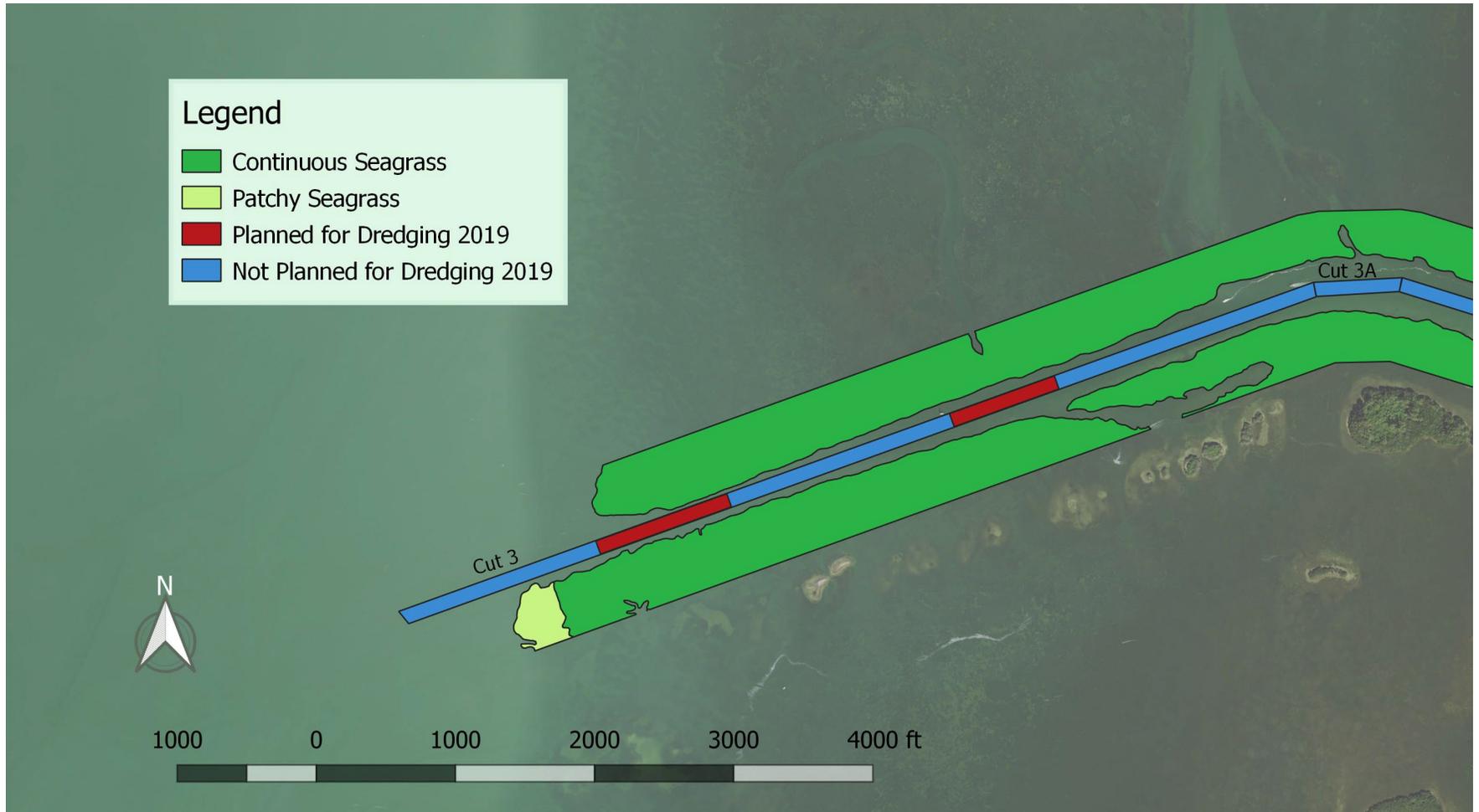


Figure 3-3a: Submerged Aquatic Vegetation, Anclote River Channel Cuts 3 and 3A.
 Source: DCA 2018

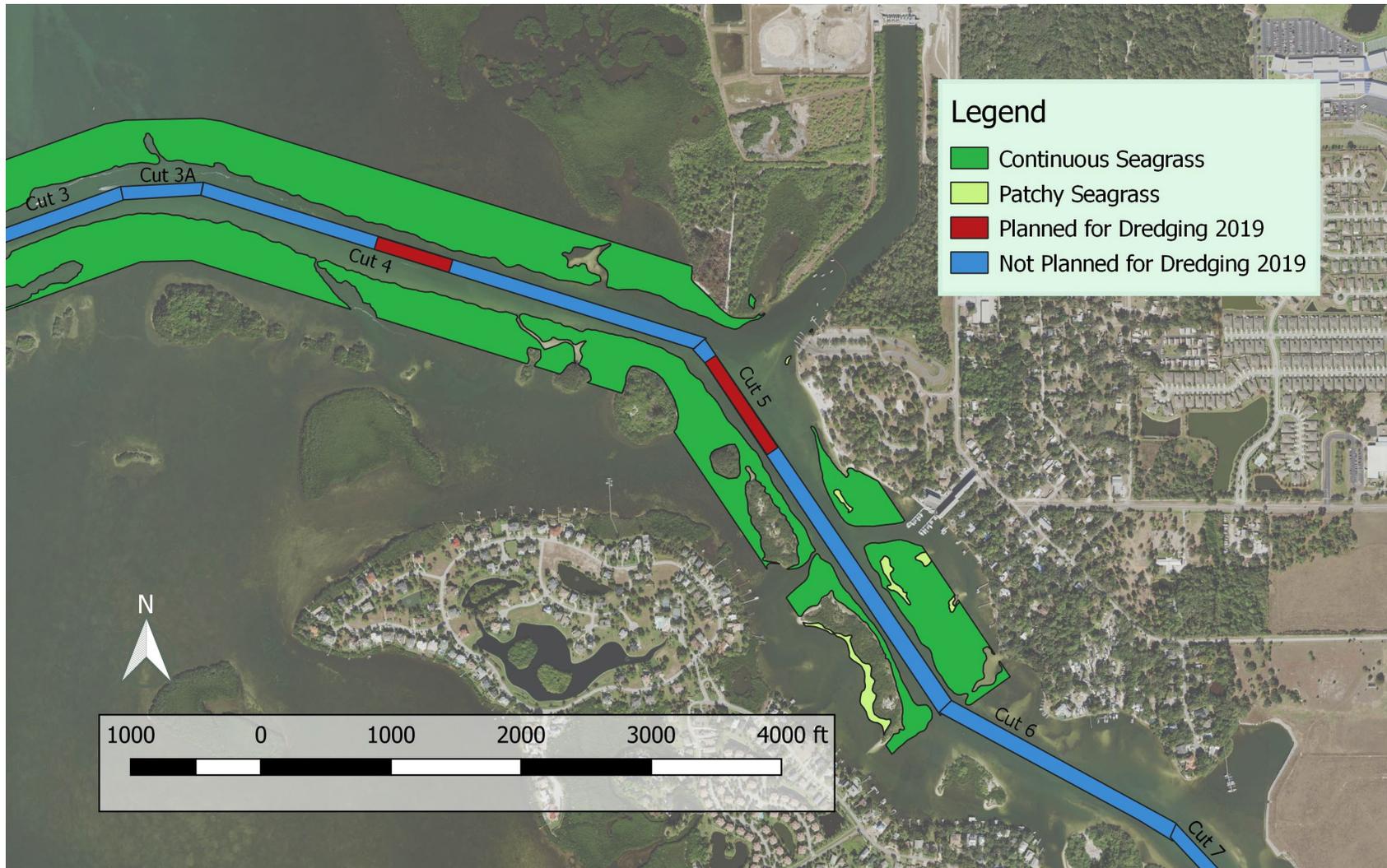


Figure 3-3b: Submerged Aquatic Vegetation, Anclote River Channel Cuts 3A, 4, and 5.
 Source: DCA 2018

**MAINTENANCE DREDGING OF THE ANCLOTE RIVER CHANNEL
 ENVIRONMENTAL ASSESSMENT**

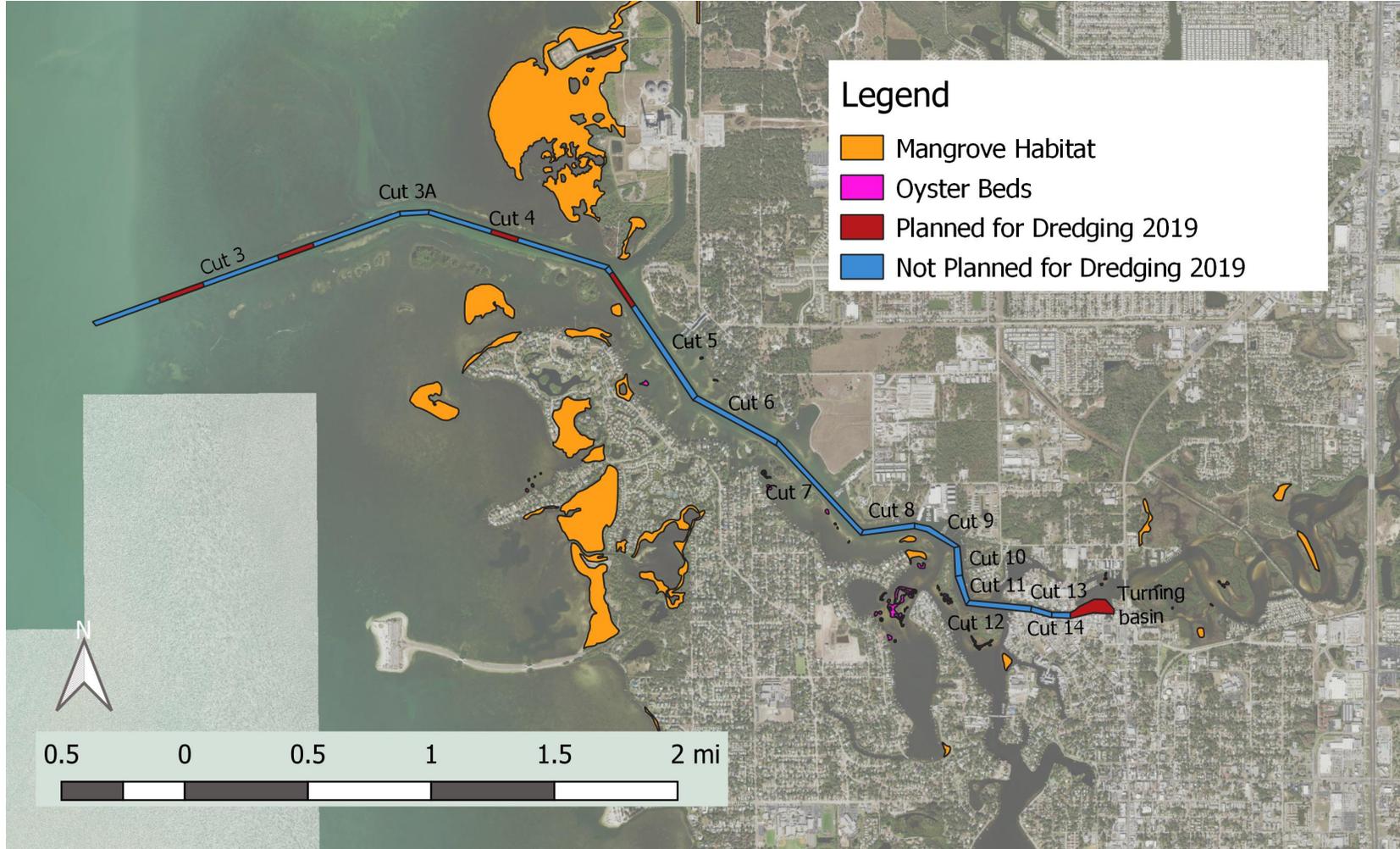


Figure 3-4: Essential Fish Habitat: Mangroves and Oyster Beds, Anclote River Channel.

Sources: FFWCC 2018e, FFWCC 2018f, SWFWMD 2016.



TETRA TECH

City of Tarpon Springs Anclote River Dredging Project Dredged Material Management Plan

Date: March 26, 2020

PRESENTED TO

Bob Robertson, P.E.

Project Administration Department Director
City of Tarpon Springs
324 E. Pine Street Tarpon Springs, FL 34689
727-942-5638

PRESENTED BY

Tetra Tech Inc.

Center for Coastal Services
1901 S. Congress Avenue
Suite 200
Boynton Beach, FL 33426

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Date:
3/11/2020

Reviewed by:

Name: **Richard E. Czapinski, PE**
Title: Senior Coastal Engineer

Date:
3/17/2020

Name: **Erin A. Hague, CEP, ENV SP**
Title: Regional Manager/ Project
Manager

Date:
3/18/2020

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1.0 INTRODUCTION

The purpose of this plan is to detail the anticipated operations and performance period for work at the Anclote Properties, LLC owned Dredged Material Management Area Facility (DMMA) at Industrial Blvd, Tarpon Springs, FL (parcel number 01/27/15/00000/230/0100). The DMMA has been leased by the City of Tarpon Springs, FL (Project Owner) from Anclote Properties, LLC for use in receiving and dewatering dredged material from the Anclote River federal navigation maintenance dredging project and the extended turning basin project.

There are approximately 8.5 acres available to the City within the leased land area, of which approximately 7.4 acres will be utilized for the DMMA and associated staging areas. This site was previously used to dispose sediments dredged from the Anclote River, by the U.S. Army Corps of Engineers (USACE) for the City of Tarpon Springs, since 1985. Historic use of this site was authorized by the following:

- Surface water management system for an industrial park: Florida Department of Environmental Protection (FDEP) file No. 52-0199763-001 (issued August 16, 2002)
- FDEP Environmental Resource Permit (ERP) (issued 1993)
- Federal channel maintenance dredging and use of upland disposal site: Department of Environmental Regulation: file No. 51, 52-1359899 (latest correspondence July 17, 1987)
- Dredge and Fill: FDEP file No. 52-46747-3E (issued May 18, 1983)

The overall scope of work includes:

- DMMA repairs and alterations
- Dredging of approximately 54,000 cubic yards (cy) of primarily sand sediment from the Anclote River navigation channel and turning basin
- Transport of dredged material via pipeline to the DMMA
- Dewatering of the material by use of gravity settling

Control of the clarification process and release of supernatant water from the DMMA will be accomplished by use of a double stack half-pipe weir system. Clean water will then flow from the DMMA weirs and will outflow through piping off the site and discharge onto the City owned property, within the CSX Transportation, Inc. corridor between Alt 19A and Dixie Highway. This corridor is authorized for disposal activity (property use 9600).

During and after dredging, the dried material in the DMMA will be removed via truck and permanently disposed of at a vacant City-owned parcel adjacent to the City of Tarpon Springs Yard Waste Facility (Figure 2). When all dried spoil material has been removed from the DMMA, the facility will be graded and returned to Anclote Properties, LLC in pre-construction topographic conditions. Restoration of the site will include soil testing to verify that the dredged material handling has not introduced contaminants to the site soils.

2.0 DMMA PREPARATION

A pre-construction topographic survey of the DMMA was completed by the U.S. Army Corps of Engineers (USACE) from February 26 through March 1, 2019. This survey will serve as the basis for the post-dredging restoration of the site. A Gopher Tortoise (GT) survey of the DMMA site also occurred in 2019 during the planning phase. The survey was conducted by a qualified GT biologist.

Several additional and pertinent items at the DMMA facility must be addressed during the construction, operation, and restoration phases of the DMMA use. These include:

- All GT burrows found during the 2019 survey will be plotted on maps to facilitate efficient relocation prior to the initiation of construction at the DMMA site.

- A permit for GT capture/relocation will be secured from FWC prior to initiating any relocation work.
- Traffic control warning signs will be posted on any roads (trucks entering highway) within 500 feet in each direction from the DMMA facility.
- Turbidity curtain will be installed at the DMMA outflow location per FDEP guidelines to control any turbidity from the outflow of the DMMA.
- Delineate parking and storage locations.
- Deliver and mobilize heavy equipment.
- Identification of the construction staff required including:
 - Number of equipment operators required
 - Number of laborers required
 - On-site Project superintendent
 - On-site driver
- Parking, temporary office, and storage areas should be defined and constructed before operations commence.

If required, any slopes exposed will be protected with erosion control devices to prevent erosion. Erosion control devices may include hay bales, erosion control mats, or other devices as needed.

The contractor should also identify the major pieces of equipment that may be required on-site prior to conducting operations at the DMMA that include but are not limited to:

- On-road fuel tank
- Off-road fuel tank
- Bulldozers
- Loader forks and bucket
- Excavators
- Excavator-loads trucks or loaders
- Service truck
- Dump trucks
- Portable toilets
- Mowing equipment

The necessary heavy equipment will be used by the contractor to construct major repairs and improvements such as:

- Construction of the main perimeter dikes
- Construction and installation of the discharge weirs with water level gages
- Installation of cross diking and interior temporary weirs, as needed.
- Construct DMMA top of dike on/off ramps and perimeter roads as needed for dump truck access.
- Construct additional on/off ramps as needed for truck access.
- Construct a truck tire washing area for cleaning trucks as necessary to keep mud and dirt off local roads. Washing should be with a high-pressure pump using water stored in a trailer mounted storage tank. The area should be graveled to trap wash water and prevent it from leaving the site.

It is recommended that preliminary meeting be held with the local utility company to locate any subsurface utilities that may exist in the construction areas, and to discuss any utility connections or installations that will be needed prior to Project commencement.

3.0 DMMA OPERATION

The City of Tarpon Springs and Anclote Properties, LLC entered into a leasing agreement for use of the spoil site on February 7, 2017. The 47-month agreement (with an option for up to a 180-day extension) authorizes the City to use the DMMA for storage of spoil, dewatering of spoil, and removal of spoil resulting from dredging activities of the Anclote River Dredging Project. During dredging and DMMA operations, the City is required by the lease to return the land:

- to pre-existing, topographical surveyed conditions (USACE 2019 Survey)
- to conduct pre and post operations soil chemical sampling and testing to verify the restored site is free of contaminants.

3.1 DREDGE PROCEDURE AND SEQUENCING

The contractor should detail an operation and sequencing plan including the following:

- describing the equipment to be utilized
- the sequence of dredging
- the minimum and maximum distances that the material will be pumped
- the length of pipeline that will be floating/submerged along the in-water route
- the estimated dredge progress: maximum cy/hour and average cy/hour
- the estimated number of operational working days
- number of equipment operators required
- number of laborers required
- on-site Project superintendent
- number of diesel mechanics required

Prior to dredging and DMMA operations, the contractor should provide a plan detailing the following tasks:

- Daily monitoring, maintenance, and reporting of the
 - DMMA dike for potential seepage and water elevation
 - DMMA site stormwater collection system and drainage structures
 - DMMA dike for gopher tortoise burrowing and activity and procedures to capture and relocate gopher tortoises and to plug the burrows in the dike
 - If nighttime dredging is proposed, contractor should have adequate lights and personnel at the DMMA during nighttime operations to maintain flow management and dike seepage inspections
 - Ponding depth (critical parameter for ideal containment area performance)
- Weekly DMMA inspection reports sent to the City and the USACE
- Weir operation
 - Crest elevation should be set as high as needed to prevent early release of stormwater or excess dredging water

- Provide recommendation of operational ponding depth that will minimize total suspended solids (TSS) concentrations in the weir discharge flows
- Crest elevation should be increased at the same rate as deposition layer growth
- Each weir should be maintained at the same elevation to prevent flow concentration
- Prevent floating debris from collecting in front of the weirs
- When dredging is complete, slowly release ponded water to limit potential for turbidity violations
- Safe management of weir board placement from a temporary floating dock
- Vibration monitoring for DMMA operations, as necessary per Project permits
- Odor control, as necessary per Project permits

3.2 TEMPORARY DREDGE PIPELINE PLAN

The dredging contractor will temporarily deploy and utilize approximately 3,168 feet (0.6 miles) of pipe from Anclote Road to the SW corner of the DMMA as shown in Figure 1. The contractor will bury the pipeline in three locations prior to reaching the DMMA (Figure 1).

The identified route within the pipeline corridor will have the necessary easements and will meet the requirements of all applicable regulatory agencies.

An additional 1,584 feet (0.3 miles) of pipeline will be established at the DMMA weir discharge (NE corner) and include two vehicle crossover ramps then will extend to the existing ditch system (an additional 1,056 feet [0.2 miles]). The ditch system will convey DMMA effluent to receiving waters between Alt 19A and Dixie Highway (Figure 1).

Prior to performing any work along the pipeline route, the contractor should:

- record pre-construction videos of the upland and shorelines along and adjacent to the pipeline route to document pre-construction conditions
- submit a Pipeline Preparation and Storage Plan detailing the following:
 - pipe delivery
 - pipe installation and connection
 - pipe capping
 - pipeline securing, use, marking, and maintenance
 - pipe floating methodology (if needed) including navigational safety lighting
 - pipe transport as dredging progresses
 - pipe storage
 - daily pipeline system monitoring and inspection to ensure the following
 - pipeline is anchored
 - pipeline has no leaks
 - pipeline remains in designated corridor
 - pipeline is lit during low-light/night
 - pipeline remains submerged/floating as intended
 - buoys/signs in place
 - pipeline is not causing navigation hazards
 - pipe removal

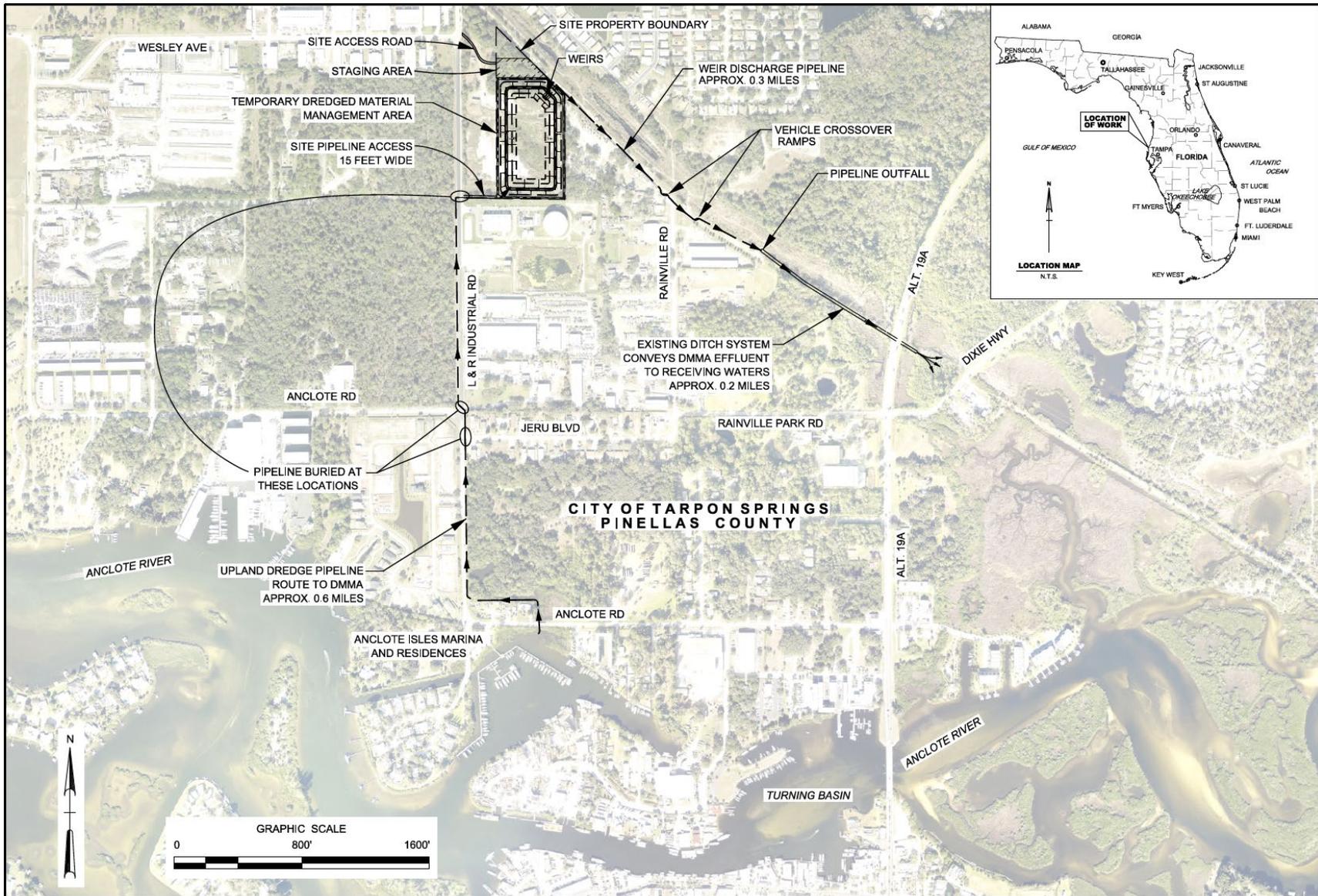


Figure 1. DMMA pipeline corridor.

4.0 CLOSEOUT

4.1 DREDGED MATERIAL REMOVAL PLAN

The selected dredging contractor for the Federal dredging action will be removing approximately 25,000 cy from the Anclote River for the Operations and Maintenance event. As a separate action, the selected dredging contractor for the City's dredging action will be removing approximately 29,000 cy of material from the turning basin expansion. In total, the Federal and non-Federal actions intend to temporarily place approximately 54,000 cy of material in the DMMA. The process to remove material from the DMMA is outlined below.

A pre-construction survey of the DMMA was completed by the USACE in 2019. This survey will serve as the basis for the post-dredging restoration of the site.

A preliminary site investigation was completed to locate any GT burrows. A GT relocation plan will be prepared and implemented prior to use of the DMMA. The GT burrow holes will be filled with flow-able cement to ensure dike integrity.

Prior to commencement of work, a wetland survey/mangrove survey and a utility survey of the pipeline landing area, as well as the areas along the pipeline route where the pipeline will run adjacent to mangroves/wetlands, will be conducted by a qualified scientist.

During and after dredging, material will be removed from the DMMA and trucked to a permanent disposal location (Figure 2). The disposal location is presently a vacant City-owned parcel (Figure 2) adjacent to the City of Tarpon Springs Yard Waste Facility. Note that the final eastbound turn onto Meres Blvd is currently under construction for usage.

Sandy material will be stockpiled in elevated (above DMMA water elevation) piles and allowed to drain prior to loading into trucks for delivery to approved disposal or re-use locations. Stockpiles will be constructed so that all drainage remains inside the DMMA berms. Stockpiles will be constructed so that no erosion of the stockpile will impact the DMMA berms.

Generally, dredge material removal may commence as soon as the spoil material has dewatered. Weir boards will be gradually removed to allow the dredge material to dry sufficiently to transport. Dredge material may then be accessed to stockpile and continue draining. All trucks hauling material off-site will be sealed to prevent leakage of material on streets. A gravel pad will be installed at the exit of the DMMA site to limit the export of site soils to public roadways.

Truck traffic around the DMMA will be one way. Ramps will be utilized to allow trucks to access the top of the perimeter dike for loading. If additional ramps are constructed, they will be entirely constructed of clean sand fill on the outside of the DMMA dike. The coarse portion of the dredged material may be used for ramp construction if it is suitable. If the fill is unsuitable, clean sand fill from an outside commercial source will be obtained. Existing dikes will not be cut to construct ramps. Pads will be constructed inside the DMMA for trucks to access the stockpiled, drained sandy material. Loaded trucks will then go down ramps constructed for use. All trucks will exit the DMMA and enter the roadway via the site access road located at the NW corner of the DMMA (Figure). Signs will be placed 500 feet in each direction from the entrance/exit to the DMMA facility to warn oncoming traffic of the trucks entering the roadway.

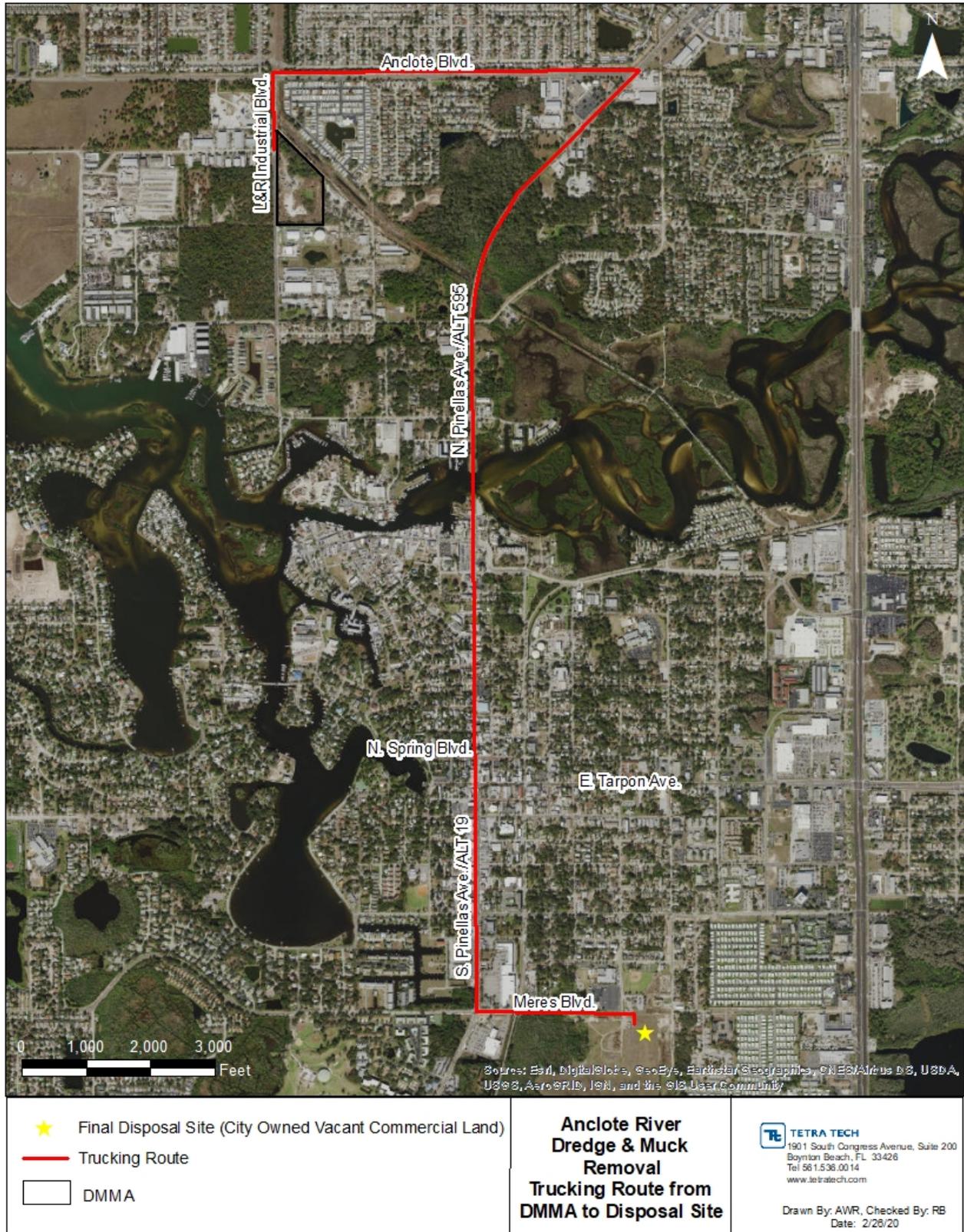


Figure 2. Trucking route from the DMMA to the disposal site.

The contractor should detail a final material disposal plan including the following:

- Number of equipment operators required
- Number of laborers required
- On-site Project superintendent
- Diesel mechanic(s)
- Number of drivers
- Details of the truck haul capacity and number drivers and number of round trips estimated including the estimated number of work hours/day
- Daily safety meeting with truck drivers to prevent speeding, aggressive driving, failure to clean trucks
- Requirements for drivers to report any unexpected spillage on the trucking route
- Street cleaning equipment required at the DMMA available for rapid mobilization

4.2 RESTORATION OF DMMA

At the end of the material disposal phase of the project, the DMMA basin will be graded and restored to the elevations shown on the pre-construction topographic survey. A signed and sealed post-construction topographic survey will be completed and submitted to allow comparison between pre-construction and post-construction conditions at the DMMA facility.

Soil sampling and testing will be conducted at the same locations as in the pre-construction sampling and testing. A report documenting the pre-and post-construction sampling and testing will be submitted. Comparisons of the pre-and post-construction results will be made to document that contaminants have not been introduced to the site by the DMMA operations.

Additionally, internal and external ramps constructed for the project will be removed unless directed otherwise. All sand from the constructed ramps will be disposed of at offsite locations approved by the City. The contractor will also complete the following site restoration activities:

- remove all temporary facilities
- remove all trash and debris
- remaining ponded water should be removed so drier material can be trucked off site
- inspect all structures for damage including but not limited to weirs, drop inlets, culverts, signs, and fencing, repair or replace damaged items, and provide a report of the inspection and repair activities

The contractor should detail a final upland DMMA restoration plan including the following:

- Number of equipment operators required
- Number of laborers required
- On-site Project superintendent
- Number of drivers required
- Number of survey technicians
- Number of professional land surveyors

As-Built Certification And Request for Conversion to Operation Phase

Instructions: Complete and submit this page within 30 days of completion of the entire project, or any independent portion of the project, as required by the permit conditions. The operation phase of the permit is effective when the construction certification for the entire permit/application is approved by the Agency. If the final operation and maintenance entity is not the permittee, the permittee shall operate the project, system, works, or other activities temporarily until such time as the transfer to the operation entity is finalized (use Form 62-330.310(2)).

Permit No: _____ Application No: _____ Permittee: _____
 Project Name: _____ Phase or Independent Portion (if applicable): _____

I HEREBY CERTIFY THAT (please check only one box):

- To the best of my knowledge, information, and belief, construction of the project has been completed in substantial conformance with the plans specifications and conditions permitted by the Agency. Any minor deviations will not prevent the project from functioning in compliance with the requirements of Chapter 62-330, F.A.C. Attached are documents to demonstrate satisfaction of the outstanding permit conditions, other than long term monitoring and inspection requirements.
- Construction of the project was NOT completed in substantial conformance with the plans and specifications permitted by the Agency. Any deviations or independent phasing will not prevent the project from functioning in compliance with the requirements of Chapter 62-330, F.A.C. (Contact the permitting agency to determine whether a modification of the permit will be required in accordance with Rule 62-330.315, F.A.C.) Attached is a description of substantial deviations, a set of as-built drawings, and documents to demonstrate satisfaction of the outstanding permit conditions, other than long term monitoring and inspection requirements.
- Construction of the project was NOT completed in substantial conformance with the plans and specifications permitted by the Agency. There are substantial deviations that prevent the project from functioning in compliance with the requirements of Chapter 62-330, F.A.C. I acknowledge that corrections to the project and/or a modification of the permit will likely be required, and that conversion to the operation phase cannot be approved at this time. As-built or record drawings reflecting the substantial deviations are attached.

For activities that require certification by a registered professional:

By: _____ (Print Name) (Fla. Lic. or Reg. No.)
Signature
 _____ (Company Name) _____ (Company Address)
 _____ (Telephone Number) _____ (Email Address)

AFFIX SEAL

(Date)

For activities that do not require certification by a registered professional:

By: _____ (Print Name)
Signature
 _____ (Company Name) _____ (Company Address)



(Telephone Number)

(Email Address)

(Date)



Drawings and Information Checklist

Following is a list of information that is to be verified and/or submitted by the Registered Professional or Permittee:

1. All surveyed dimensions and elevations shall be certified by a registered Surveyor or Mapper under Chapter 472, F.S.
2. The registered professional's certification shall be based upon on-site observation of construction (scheduled and conducted by the registered professional of record or by a project representative under direct supervision) and review of as-built drawings, with field measurements and verification as needed, for the purpose of determining if the work was completed in accordance with original permitted construction plans, specifications, and conditions.
3. If submitted, the as-built drawings are to be based on the permitted construction drawings revised to reflect any substantial deviations made during construction. Both the original design and constructed condition must be clearly shown. The plans need to be clearly labeled as "as-built" or "record" drawings that clearly highlight (such as through "red lines" or "clouds") any substantial deviations made during construction. As required by law, all surveyed dimensions and elevations required shall be verified and signed, dated, and sealed by an appropriate registered professional. The following information, at a minimum, shall be verified on the as-built drawings, and supplemental documents if needed:
 - a. Discharge structures - Locations, dimensions and elevations of all, including weirs, orifices, gates, pumps, pipes, and oil and grease skimmers;
 - b. Detention/Retention Area(s) – Identification number, size in acres, side slopes (h:v), dimensions, elevations, contours, or cross-sections of all, sufficient to determine stage-storage relationships of the storage area and the permanent pool depth and volume below the control elevation for normally wet systems,
 - c. Side bank and underdrain filters, or exfiltration trenches - locations, dimensions, and elevations of all, including clean-outs, pipes, connections to control structures, and points of discharge to receiving waters;
 - d. System grading - dimensions, elevations, contours, final grades, or cross-sections to determine contributing drainage areas, flow directions, and conveyance of runoff to the system discharge point(s);
 - e. Conveyance - dimensions, elevations, contours, final grades, or cross-sections of systems utilized to divert off-site runoff around or through the new system;
 - f. Benchmark(s) - location and description (minimum of one per major water control structure);
 - g. Datum- All elevations should be referenced to a vertical datum clearly identified on the plans, preferably the same datum used in the permit plans.
4. Wetland mitigation or restoration areas - Show the plan view of all areas, depicting a spatial distribution of plantings conducted by zone (if plantings are required by permit), with a list showing all species planted in each zone, numbers of each species, sizes, date(s) planted, and identification of source of material; also provide the dimensions, elevations, contours, and representative cross-sections depicting the construction.
5. A map depicting the phase or independent portion of the project being certified, if all components of the project authorized in the permit are not being certified at this time.
6. Any additional information or outstanding submittals required by permit conditions or to document permit compliance, other than long-term monitoring or inspection requirements.

Request for Transfer of Environmental Resource Permit to the Perpetual Operation and Maintenance Entity

Instructions: Complete this form to transfer to the permit to the operation and maintenance entity. This form can be completed concurrently with, or within 30 days of approval of, the As-Built Certification and Request for Conversion to Operation Phase (Form 62-330.310(1)). Please include all documentation required under Section 12.2.1(b) of Applicant's Handbook Volume I (see checklist below). **Failure to submit the appropriate final documents will result in the permittee remaining liable for operation and maintenance of the permitted activities.**

Permit No.: _____ Application No(s): _____
 Project Name: _____ Phase (if applicable): _____

A. **Request to Transfer:** The permittee requests that the permit be transferred to the legal entity responsible for operation and maintenance (O&M).

By: _____
 Signature of Permittee _____ Name and Title _____

 Company Name _____ Company Address _____

 Phone/email address _____ City, State, Zip _____

B. **Agreement for System Operation and Maintenance Responsibility:** The below-named legal entity agrees to operate and maintain the works or activities in compliance with all permit conditions and provisions of Chapter 62-330, Florida Administrative Code (F.A.C.) and Applicant's Handbook Volumes I and II.

The operation and maintenance entity does not need to sign this form if it is the same entity that was approved for operation and maintenance in the issued permit.

Authorization for any proposed modification to the permitted activities shall be applied for and obtained prior to conducting such modification.

By: _____
 Signature of Representative of O&M Entity _____ Name of Entity for O&M _____

 Name and Title _____ Address _____

 Email Address _____ City, State, Zip _____

 Phone _____ Date _____

Enclosed are the following documents, as applicable:

- Copy of recorded transfer of title to the operating entity for the common areas on which the stormwater management system is located (unless dedicated by plat)
- Copy of all recorded plats
- Copy of recorded declaration of covenants and restrictions, amendments, and associated exhibits
- Copy of filed articles of incorporation (if filed before 1995)
- A Completed documentation that the operating entity meets the requirements of Section 12.3 of Environmental Resource Permit Applicant's Handbook Volume I. (Note: this is optional, but aids in processing of this request)



Enclosures:

- Copy of title, easement, or other demonstration of ownership or control in the land, as recorded in the Public Records
- Copy of current plat(s) (if any), as recorded in the Public Records
- Copy of current recorded restrictive covenants and articles of incorporation (if any)
- Other

OPERATION AND MAINTENANCE INSPECTION CERTIFICATION

Instructions: Submit this form to the Agency within 30 days of completion of the inspection after any failure of a stormwater management system or deviation from the permit. This form may also be used to document inspections required under Section 12.4 of Applicant's Handbook Volume I, however submittal to the Agency is not required unless requested by the Agency.

Permit No.: _____ Application No.: _____ Date Issued: _____

Identification or Name of Stormwater Management System: _____

Phase of Stormwater Management System (if applicable): _____

Inspection Date: _____

Inspection results: (check all that apply)

The undersigned hereby certifies that the works or activities are functioning in substantial conformance with the permit. This certification is based upon on-site observation of the system conducted by me or my designee under my direct supervision and my review of as-built plans.

The following maintenance was conducted since the last inspection (attach additional pages if needed):

The undersigned hereby certifies that I or my designee under my direct supervision has inspected this surface water management system and the system does not appear to be functioning in substantial conformance with the permit. I am aware that maintenance or alteration is required to bring the system into substantial compliance with the terms and conditions of the permit. As appropriate, I have informed the owner of the following:

- (a) The system does not appear to be functioning properly;
- (b) That maintenance or repair is required to bring the system into compliance; and
- (c) If maintenance or repair measures are not adequate to bring the system into compliance, the system may have to be replaced or an alternative design constructed subsequent to approval by the agency below.

The following components of the system do not appear to be functioning properly (attach additional pages if needed):

Any components of the constructed system that are not in substantial conformance with the permitted system shall require a written request to modify the permit in accordance with the provisions of Rule 62-330.315, F.A.C. If such modification request is not approved by the agency below, the components of the system that are not in conformance with the permit are subject to enforcement action under Sections 373.119, .129, .136, and .430, F.S.



Name of Inspector: _____ Florida Registration Number: _____

Company Name: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____ Email: _____

Signature of Inspector

Date

Report Reviewed by Permittee:

Name of Permittee: _____

Signature of Permittee

Date

Title (if any)