



**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT  
RESOURCE REGULATION DIVISION  
PRE-APPLICATION MEETING NOTES**

**FILE  
NUMBER:  
  
PA 406256**

<b>Date:</b>	11/27/18		
<b>Time:</b>	1:30		
<b>Project Name:</b>	City of North Port - Flooding Alternatives PreApp		
<b>District Engineer:</b>	David Kramer, Steve Lopes, Jezabel Pagan Garcia, Terese Power		
<b>District ES:</b>	Al Gagne		
<b>Attendees:</b>	Elizabeth Wong, Dave Jayroe, Dave Deloach		
<b>County:</b>	Sarasota	<b>Sec/Twp/Rge:</b>	Numerous including
<b>Total Land Acreage:</b>	ROW		3, 4, 9, 16, 17, 20, 21, 29, 30/39/21
		<b>Project Acreage:</b>	100+ acres

**Prior On-Site/Off-Site Permit Activity:**

- Significant permitting history (ERP, WCP and WUP) within watershed(s).

**Project Overview:**

- Cooperatively funded project by and between the City of North Port and the SWFWMD to mitigate flooding throughout the City.
- Improvements may include, but may not be limited to:
  - Construction of a parallel storage and conveyance system along Myakkahatchee Creek within I-75 and Jockey Club areas.
  - Attenuation structure located close to northern City boundary that would back flows and maximize flood storage within County and District owned conservation properties.
  - Various culvert and open conveyance upgrades.

**Environmental Discussion:** (Wetlands On-Site, Wetlands on Adjacent Properties, Delineation, T&E species, Easements, Draw down Issues, Setbacks, Justification, Elimination/Reduction, Permanent/Temporary Impacts, Secondary and Cumulative Impacts, Mitigation Options, SHWL, Upland Habitats, Site Visit, etc.)

- Hydrographic modeling will be required in order to show that the project will not have an adverse effect on wetlands and surface waters.
- Provide the limits of jurisdictional wetlands and surface waters.
- Provide appropriate mitigation using UMAM for impacts, if applicable.
- Demonstrate elimination and reduction of wetland impacts.
- Maintain minimum 15 foot, average 25 foot wetland conservation area setback or address secondary impacts.
- Determine SHWL's at pond locations, wetlands, and OSWs.
- Determine normal pool elevations of wetlands.
- Determine 'pop-off' locations and elevations of wetlands.
- As of October 1, 2017, the District will no longer send a copy of an application that does not qualify for a State Programmatic General Permit (SPGP) to the U.S. Army Corps of Engineers. If a project does not qualify for a SPGP, you will need to apply separately to the Corps using the appropriate federal application form for activities under federal jurisdiction. Please see the Corps' Jacksonville District Regulatory Division Sourcebook for more information about federal permitting. Please call your local Corps office if you have questions about federal permitting. Link: <http://www.saj.usace.army.mil/Missions/Regulatory/Source-Book/>

**Site Information Discussion:** (SHW Levels, Floodplain, Tailwater Conditions, Adjacent Off-Site Contributing Sources, Receiving Waterbody, etc.)

- Where relevant, document/justify SHWE's at pond locations, wetlands, and OSWs.
- Discussed possible benefits of obtaining input/coordination with FDOT.
- Minimum flows and levels of receiving waters shall not be disrupted.
- Contamination issues need to be resolved with the FDEP. Check FDEP MapDirect layer for possible contamination points within/adjacent to the project area. [FDEP MapDirect Link](#)
- There do appear to be several District data collection sites including, but not limited to, Site ID's 770430, 710465, and 711760 that may be eventually be impacted by proposed construction. Contact the District's

Data Steward at [Data.Maps@watermatters.org](mailto:Data.Maps@watermatters.org) under the subject line "PRIORITY ERP Data Evaluation" to coordinate relocation of District data collection site.

**Water Quantity Discussions:** (Basin Description, Storm Event, Pre/Post Volume, Pre/Post Discharge, etc.)

- Big Slough Flood Reduction Study being performed by DeLoach Engineering for City. Local and regional flood alleviation alternatives in phases being investigated.
- A Conceptual ERP may be obtained to establish the baseline existing conditions and to demonstrate that proposed improvements will not cause adverse impacts.
- Conceptual could also evaluate improvements/reductions in flood stage resulting from initial phases of the project that future or later phases could rely on.
- Proposed improvements anticipated to include four possible main features:
  - New weirs or operable gates to impound/attenuate water upstream of I-75. Since this would involve stage increases on District lands, consistency with any Conservation Easements or other easements and approval from SWFWMD Lands Management would be needed.
  - Construction of a new bypass channel. It would need to be demonstrated that surrounding existing groundwater levels would not be adversely lowered (refer to Subsection 3.6, A.H.V.II).
  - Widening of Canal R-36, including associated culvert improvements.
  - Widening of conveyances in Dorothy Avenue area.
- Demonstrate that site will not impede the conveyance of contributing off-site flows.
- Provide documentation to support modeling tailwater conditions. Modeling must extend sufficiently upstream and downstream to assure no adverse stage increases upstream or downstream.
- The Big Slough Watershed Model will be used to demonstrate that proposed improvements will not increase flood stages up- or down-stream of the project area(s) based on Mean Annual, 10yr, 25yr and 100yr 24hr events.
- Please be aware that if there is credible historical evidence of past flooding or the physical capacity of the downstream conveyance or receiving waters indicates that the conditions for issuance will not be met without consideration of storm events of different frequency or duration, applicants shall be required to provide additional analyses using storm events of different duration or frequency than the 25-year 24-hour storm event, or to adjust the volume, rate or timing of discharges. [Section 3.0 Applicant's Handbook Volume II]

**Water Quality Discussions:** (Type of Treatment, Technical Characteristics, Non-presumptive Alternatives, etc.)

- It is anticipated that the project will not cause or contribute to pollutant loadings; please address with Application.

**Sovereign Lands Discussion:** (Determining Location, Correct Form of Authorization, Content of Application, Assessment of Fees, Coordination with FDEP)

- The project may be located within state owned sovereign submerged lands (SSSL). Be advised that a title determination will be required from FDEP to verify the presence and/or location of SSSL.
- If use of SSSL is proposed, authorization will be required. Refer to Chapter 18-21, F.A.C. and Chapter 18-20, F.A.C. for guidance on projects that impact SSSL and Aquatic Preserves.

**Operation and Maintenance/Legal Information:** (Ownership or Perpetual Control, O&M Entity, O&M Instructions, Homeowner Association Documents, Coastal Zone requirements, etc.)

- The permit must be issued to entity that owns or controls the property. City of North Port will be Applicant/permittee/O&M Entity.

**Application Type and Fee Required:**

For Conceptual ERP:

- Provide/address Sections A, C, and E of the ERP Application.
- Consult the fee schedule for fee.

**Other:** (Future Pre-Application Meetings, Fast Track, Submittal Date, Construction Start Date, Required District Permits – WUP, WOD, Well Construction, etc.)

- An application for an individual permit to construct or alter a dam, impoundment, reservoir, or appurtenant work, requires that a notice of receipt of the application must be published in a newspaper within the affected area. Provide documentation that such noticing has been accomplished. Note that the published notices of receipt for an ERP can be in accordance with the language provided in Rule 40D-1.603(10), F.A.C.
- The plans and drainage report submitted electronically must include the appropriate information required under Rules 61G15-23.005 and 61G15-23.004 (Digital), F.A.C. The following text is required by the Florida

Board of Professional Engineers (FBPE) to meet this requirement when a digitally created seal is not used and must appear where the signature would normally appear:

**ELECTRONIC (Manifest):** *[NAME] State of Florida, Professional Engineer, License No. [NUMBER]  
This item has been electronically signed and sealed by [NAME] on the date indicated here using a SHA authentication code. Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies*

**DIGITAL:** *[NAME] State of Florida, Professional Engineer, License No. [NUMBER]; This item has been digitally signed and sealed by [NAME] on the date indicated here using a Digital Signature; Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.*

- Provide soil erosion and sediment control measures for use during construction. Refer to ERP Applicant's Handbook Vol. 1 Part IV Erosion and Sediment Control.
- Demonstrate that excavation of any stormwater ponds does not breach an aquitard (see Subsection 2.1.1, A.H.V.II) such that it would allow for lesser quality water to pass, either way, between the two systems. In those geographical areas of the District where there is not an aquitard present, the depth of the pond(s) shall not be excavated to within two (2) feet of the underlying limestone which is part of a drinking water aquifer. [Refer to Subsection 5.4.1(b), A.H.V.II]
- If lowering of SHWE is proposed, then burden is on Applicant to demonstrate no adverse onsite or offsite impacts as per Subsection 3.6, A.H.V.II. Groundwater drawdown 'radius of influence' computations may be required to demonstrate no adverse onsite or offsite impacts. Please note that new roadside swales or deepening of existing roadside swales may result in lowering of SHWE. Proposed ponds with control elevation less than SHWE may result in adverse lowering of onsite or offsite groundwater.

**Disclaimer:** The District ERP pre-application meeting process is a service made available to the public to assist interested parties in preparing for submittal of a permit application. Information shared at pre-application meetings is superseded by the actual permit application submittal. District permit decisions are based upon information submitted during the application process and Rules in effect at the time the application is complete.