

PERMITTING PROCESSES FOR TRANSPORTATION FACILITIES SUCCESSFUL APPLICATION PACKAGES!

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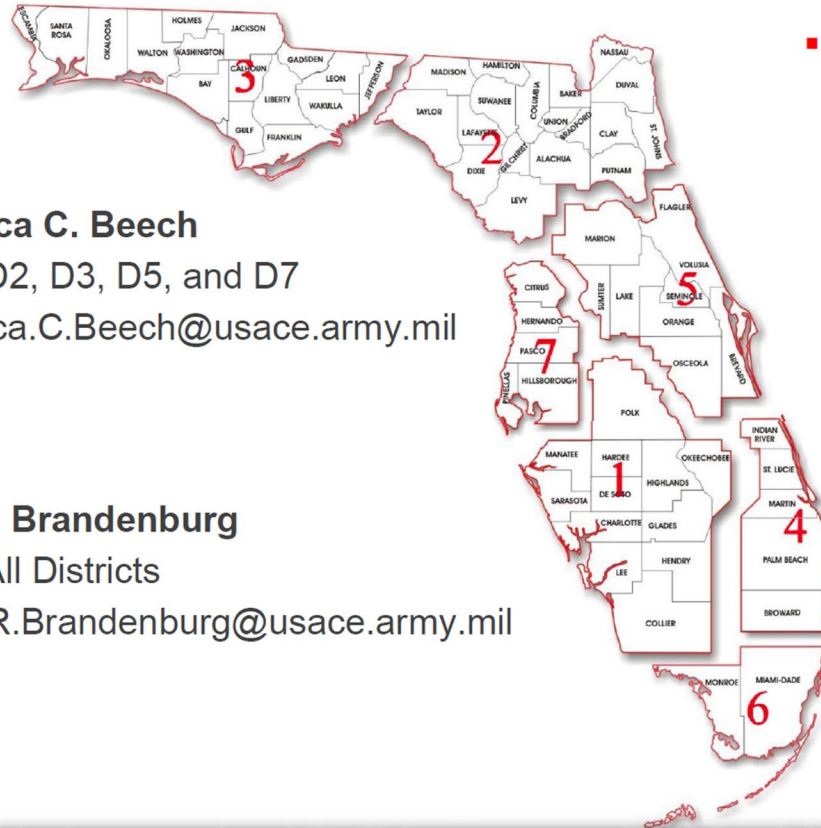


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CORPS REVIEWERS

PANAMA CITY FDOT TEAM

FUNDED THROUGH WATER RESOURCES DEVELOPMENT ACT (WRDA) 139 (j)



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OBJECTIVES



- Regulatory Request System (RRS)
- Successful Submittal
- Regulatory Jurisdiction
- Contents of an Application Package
- Drawings and project plans
- Consultation Documents
- No Permit Required (NPR)/exemptions
- General Permits (GP)/Nationwide Permits (NW)
- Section 401 of the Clean Water Act Process
- National Environmental Policy Act (NEPA) (Alternative Analysis, Contamination Testing)
- Toolbox
 - Uniform Mitigation Assessment Method
 - Wetland delineation
 - Section 408 Review
- Most common omissions
- Web resources

★ REGULATORY REQUEST SYSTEM (RRS)

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- Submit FDOT and Turnpike application packages using the Corps of Engineers RRS website.

<https://rrs.usace.army.mil/rrs>

- The applicant must create an account to use this application.
- If RRS is not available, email new applications to CORPSJAXREG-FDOT@usace.army.mil. If files are larger than 20 megabytes (MB), please request a DOD SAFE link from the email above. DO NOT COPY project managers when using this email to submit a new application or request a DOD SAFE link for a new application.

An official website of the United States government [Here's how you know](#)

Home Help [Sign In](#)

The Regulatory Request System (RRS) is currently operating as a beta version [Learn More](#)

Welcome to the Regulatory Request System

[Apply Online](#) • [Learn about the Regulatory Program](#) • [Track Request Status](#)

[Get Started](#)

- Regulatory Program Information**
Learn the basics about the Regulatory Program, including recent announcements.
- Jurisdiction**
Does the property in question contain wetlands/waters? If so, does the USACE have jurisdiction?
- Permitting**
Do you need a permit? Need to schedule a pre-application meeting?
- Mitigation**
Discover how we help avoid and minimize impacts to aquatic resources.
- Report Violations**
Submit a report of unauthorized activity or permit non-compliance.
- RRS Support**
Get general system support, district contact information, submit feedback, and [login.gov](#) help.
- Public Notices**
UNDER CONSTRUCTION
Visit the HQ Regulatory website to find your district and get local public notices.
- Apply for a Permit**
If you're ready to apply for a permit, click [here](#) to login or start a new request



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SUCCESSFUL SUBMITTALS

VIA RRS/EMAIL/DOD SAFE



- Submit separate documents, instead of one large PDF File.
- Use recognizable file names (i.e., NMFS Concurrence, Project plans, Application). Short names work best!
- Reference Federal (SAJ-2024-00000) and State 404 application numbers, if available.
- Include Financial Project Number (FPN) and Efficient Transportation Decision Making (ETDM) number.
- Maintain consistent project names.
- For emails larger than 20 MB, request a DOD-SAFE.
- Responses to requests for additional information (RAI), go directly to the project manager, even if a DOD SAFE link is needed!





REGULATORY JURISDICTION



Clean Water Act (CWA)

- **Section 404:** Permit required for discharge of dredged or fill material (33 U.S.C. 1344).

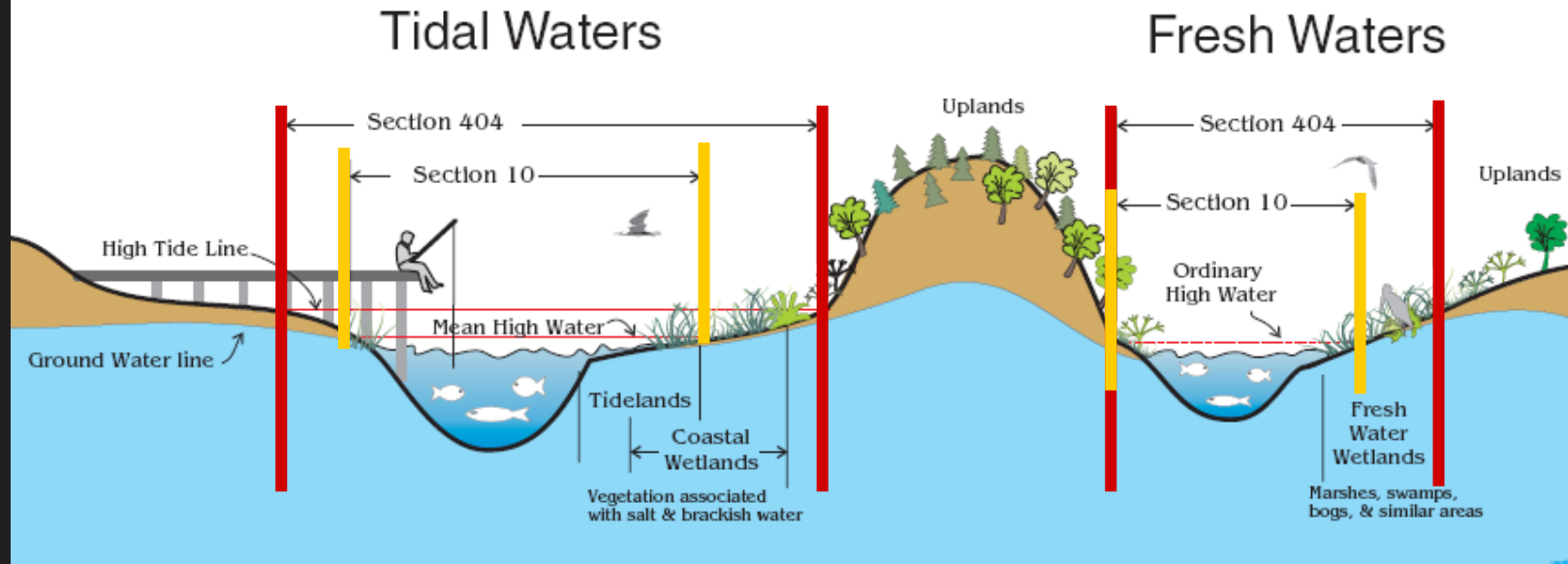
Rivers and Harbors Act of 1899 (RHA)

- **Section 10:** Permit required for work in, over, or under navigable waters of the U.S. Applicable in waters subject to the ebb and flow of the tide; and waters that are used, have been used, or may be used to transport interstate or foreign commerce (33 CFR Part 329).
- **Section 14 (Section 408):** Established requirements to verify that changes to a Corps Civil Works project will not be injurious to the public interest and will not impair the usefulness of the project (33 U.S.C. 408).



REGULATORY JURISDICTION

CORPS OF ENGINEERS REGULATORY JURISDICTION



Section 103
Ocean Discharge of Dredged Material

Typical examples of regulated activities

Ocean discharges of dredged material

Section 404
Discharge of Dredged or Fill Material
Regulated Waters Definition: 33 CFR 328.3(a)

All filling activities, utility lines, outfall structures, road crossings, beach nourishment, riprap, jetties, some excavation activities, etc.

Section 10
All Structures and Work
Regulated Waters Definition: 33 CFR 329.4

Dredging, marinas, piers, wharves, floats / docks, intake / withdrawal pipes, pilings, bulkheads, ramps, fills, overhead transmission lines, etc. that occur within, over, under, or affecting the waterbody.



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REGULATORY JURISDICTION

Types of jurisdictional waters under the CWA (Pre-2015 Rule with Sackett)

- Traditional Navigable Waters
- Interstate Waters
- Other Waters
- Impoundments
- Tributaries
- Territorial Seas
- Adjacent Wetlands

Please don't name your resources as 'Other Surface Waters'!

**Use "non-wetland waters"
"previously permitted conveyance features" or the name of the waterway.**

TABLE OF AQUATIC RESOURCES IN REVIEW AREA WHICH "MAY BE" SUBJECT TO REGULATORY JURISDICTION.

Site number	Latitude (decimal degrees)	Longitude (decimal degrees)	Estimated amount of aquatic resource in review area (acreage and linear feet, if applicable)	Type of aquatic resource (i.e. wetland vs. non-wetland waters)	Geographic authority to which the aquatic resource "may be" subject (i.e. Section 404 or Section 10/404)
■	■	■	■	■	■
■	■	■	■	■	■
■	■	■	■	■	■



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CONTENTS OF AN APPLICATION PACKAGE



- **Funding:** Federal, State, or/and Bipartisan Infrastructure Law (BIL) Funds.
- **Applicant and Agent:** Names, signatures, and contact information.
- **Location:** Latitude/Longitude in decimal degrees, address, sections, townships, and ranges.
- **Type of Anticipated Permit:** Standard Permit (SP), GP, and NW.
- **Description of All Proposed Activities & Their Impacts:** outfall replacement, seawall installation, multi-use path construction, widen roadway, etc.
- **Addresses of Adjoining Property Owners:** In mailing label format – ask reviewer for template type.
- **Dredging Description:** Disposition, acreage, cubic yards, and methodology.
- **Fill Description:** Material, acreage, cubic yards, and methodology.
- **Piles/Sheet Piles Installation:** Sizes, quantities, and installation methodology.
- **Construction of Impoundment/Dewatering Structures:** Duration, materials, and sizes.
- **Legible Project Drawings:** Vicinity and aerial map, plan and cross section views in 8.5” x 11” or 11” x 17” using match lines if necessary.
- **Federally listed species:** Effect determinations, rationales, and programmatic keys.

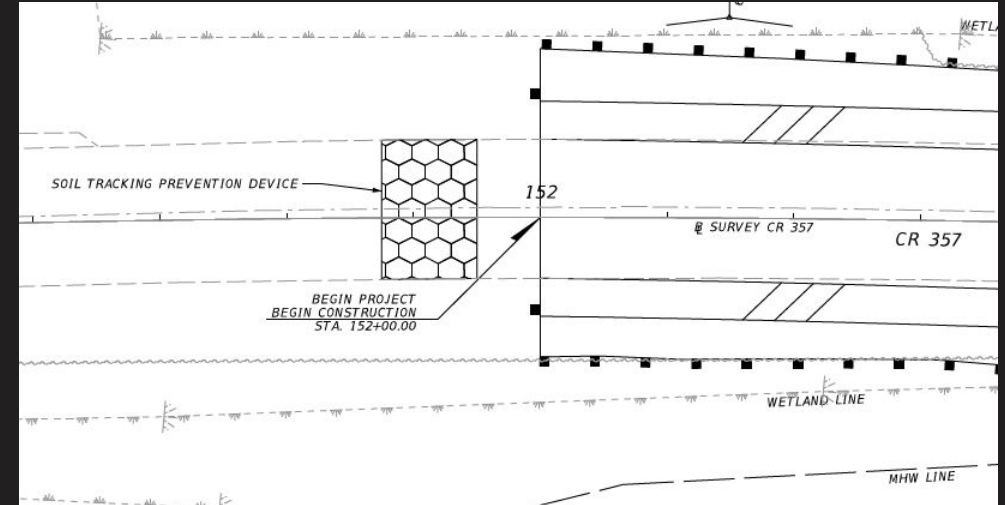


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CONTENTS OF AN APPLICATION PACKAGE



- **Project – Specific Avoidance, Minimization, & Mitigation Statement:** Commitments made during EDTM or PD&E phase, Stormwater Pollution Prevention Plan (SWPPP), Turbidity/Erosion Controls, etc.
- **Direct/Indirect Impacts:** Quantities and Impact Maps.
- **Temporary Impacts:** Quantities, Duration and Activity.
- **Wetland Delineation:** Prepared using the 1987 Corps Wetland Delineation Manual and the Atlantic and Gulf Coastal Plain Region supplement (Version 2.0).
- **Compensatory Mitigation:** Functional Assessment datasheets and scores and mitigation strategy. Please use 2008 Compensatory Mitigation Rule and follow Preference Hierarchy for Mitigation.



Preference Hierarchy for Mitigation

- Mitigation bank credits
- In-lieu fee program credits
- Permittee-responsible mitigation under a watershed approach
- Permittee-responsible mitigation through on-site and in-kind mitigation
- Permittee-responsible mitigation through off-site and/or out-of-kind mitigation



CONTENTS OF AN APPLICATION PACKAGE



- **Essential Fish Habitat (EFH):** Surveys, effect determinations, and rationales.
- **Historic Properties:** Results of programmatic, concurrences, and surveys.
- **Tribal Land:** Results of surveys. Tribal coordination will be completed by the Corps, if needed.
- **National Wild and Scenic River Systems**
- **Effect on Federal Projects:** Navigation channels, real estate easements, etc.

**Definition of a complete application can be found in 33 CFR 325.1(d)(1-10).
Complete application does not mean enough information to make a permit decision!**

For more information: [https://www.ecfr.gov/current/title-33/chapter-II/part-325/section-325.1#p-325.1\(d\)](https://www.ecfr.gov/current/title-33/chapter-II/part-325/section-325.1#p-325.1(d))

REGULATORY JURISDICTION DETERMINATION (JD)

Approved JDs (AJDs) and preliminary JDs (PJDs) are tools used by the Corps to help implement Section 404 of the CWA and Sections 9 and 10 of the RHA. Both types of JDs specify what geographic areas will be treated as subject to regulation by the Corps under one or both statutes.



PJDs

- PJDs are written indications that there may be waters of the United States on a parcel or indications of the approximate location(s) of waters of the United States on a parcel.
- Advisory in nature and may not be appealed.
- Include compliance orders that have an implicit JD, but no approved JD.
- Unlike an AJD, a PJD does not represent a definitive, official determination that there are, or that there are not, jurisdictional aquatic resources on a site, and does not have an expiration date.

AJDs

- An AJD is a Corps document stating the presence or absence of waters of the United States on a parcel or a written statement and map identifying the limits of waters of the United States on a parcel.
- AJDs are clearly designated appealable actions and will include a basis of JD with the document.
- AJDs are valid for 5 years.



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REGULATORY JD DOCUMENTATION & PROCESS



Jurisdictional Determinations: Spot the differences

For ALL JD requests
Use Form: ENG 6247

For PJDs ONLY
(Background & Resource Info)

Print Form Save As

U.S. Army Corps of Engineers (USACE)
REQUEST FOR JURISDICTIONAL DETERMINATION (JD)
Form Approved - OMB No. 0710-0024
For use of this form, see Sec 404 CWA, Sec 10 RHA, Sec 103 MPRSA; the proponent agency is CECW-COR. Expires 2027-09-30

DATA REQUIRED BY THE PRIVACY ACT OF 1974

Authority Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332.

Principal Purpose The information that you provide will be used in evaluating your request to determine whether there are any aquatic resources within the review area that are or that may be subject to federal jurisdiction under the regulatory authorities referenced above.

Routine Uses This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public, and may be made available as part of a public notice or FOIA request as required by federal law. Your name and property location where federal jurisdiction is to be determined will be included in any approved jurisdictional determination (AJD), which will be made available to the public on the District's website and on the Headquarters USACE website.

Disclosure Submission of requested information is voluntary, however, if the information is not provided there may be some delay in processing your request. Failure to provide this information will not result in an adverse action.

The Agency Disclosure Notice (ADN)

The Public reporting burden for this collection of information, 0710-0024, is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at www.mc-alex.esd.mbx.dod-information-collections@mail.mil. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

1. To (District Name):

2. I am requesting a JD on property located at (Street Address):

City/Township/Parish: County: State: Alabama

Acreage of Parcel/Review Area for JD:

Section: Township: Range:

Latitude (decimal degrees): Longitude (decimal degrees):

(For linear projects, please include the center point of the proposed alignment.)

3. Please attach a survey/plot map and vicinity map identifying location and review area for the JD.

4. I currently own this property. I plan to purchase this property.

I am an agent/consultant acting on behalf of the requester.

Other (provide explanation):

PRELIMINARY JURISDICTIONAL DETERMINATION (PJD) FORM (RGL 16-01 Appendix 2)

BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR PJD:

B. NAME AND ADDRESS OF PERSON REQUESTING PJD:

C. DISTRICT OFFICE, FILE NAME, AND NUMBER:

D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION: (USE THE TABLE BELOW TO DOCUMENT MULTIPLE AQUATIC RESOURCES AND/OR AQUATIC RESOURCES AT DIFFERENT SITES)

State: County/parish/borough: City:

Center coordinates of site (lat/long in degree decimal format):

Lat. ° Pick List, Long. ° Pick List.

Universal Transverse Mercator:

Name of nearest waterbody:

E. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

Office (Desk) Determination. Date:

Field Determination. Date(s):

TABLE OF AQUATIC RESOURCES IN REVIEW AREA WHICH "MAY BE" SUBJECT TO REGULATORY JURISDICTION.

Site number	Latitude (decimal degrees)	Longitude (decimal degrees)	Estimated amount of aquatic resource in review area (acreage and linear feet, if applicable)	Type of aquatic resource (i.e. wetland vs. non-wetland waters)	Geographic authority to which the aquatic resource "may be" subject (i.e. Section 404 or Section 10/404)

PJD	AJD
May or may not require a site visit; usually can be completed via desktop review.	Field site visit required to verify the extent of resources onsite.
Expedited process.	Lengthier Process.
-	Review by Corps Headquarters (HQ) and Environmental Protection Agency (EPA).
-	Posted on Corps website.
Always associated with an in-house permit.	May be associated with an in-house permit or a "stand-alone JD".
Required Documents: JD Request Form (ENG 6247) PJD Request Form (RGL 16-01 Appendix 2) & Supporting Documentation.	Required Documents: JD Request Form & Supporting Documentation.



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REGULATORY JD DOCUMENTATION & PROCESS



PJD

1. JD Request Form
 2. PJD Form
 3. Supporting Information:
 - Corps Wetland Determination Data Forms - Atlantic and Gulf Coastal Plain Region
 - Maps:
 - Location Map
 - Project Area overlain on: Historic aerials, U.S. Geological Survey (USGS) Topographic Map, National Resources Conservation Service (NRCS) Hydric Soils Map, National Wetland Inventory (NWI) Map, Light Detection and Ranging (Lidar) (if available)
 - Aquatic Resource Map that labels wetlands, non-wetland waters, and uplands within the project area
- ★ **Please include where information was obtained and imagery date**
- Site Photos
 - Permit history for water conveyance structures

AJD

1. JD Request Form
2. Corps Wetland Determination Data Forms - Atlantic and Gulf Coastal Plain Region
3. Supporting Information:
 - Maps:
 - Location Map
 - Project Area overlain on: Historic aerials, USGS Topographic Map, NRCS Hydric Soils Map, NWI Map, Lidar (if available)
 - Flowlines Map
 - Jurisdictional Map that labels jurisdictional and non-jurisdictional features within the project area. Please make sure to use PRE-2015 WATERS OF THE US (WOTUS) POST-SACKETT terminology (i.e., traditionally navigable water (TNW), jurisdictional tributary, jurisdictional wetland, other jurisdictional WOTUS, upland, non-jurisdictional wetland, etc.)
 - ★ **Please include where information was obtained and imagery date**
 - Site Photos
 - Permit history for water conveyance structures
4. Requires coordination with USACE JD Project Development Team
5. Requires coordination with EPA



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REGULATORY JD DOCUMENTATION & PROCESS



- Data points should be taken to reflect the current site conditions and represent the vegetative communities on site.
- A sufficient number/location of data points should be taken to represent the wetland/non-wetland status of the entire investigation area.
- Data points locations should confirm or refute the potential for aquatic resource presence depicted on natural resource mapping (Google Earth historical aerial imagery, NWI mapping, NRCS soils mapping, USGS Quadrangle mapping, National Hydrography Data Set (NHDS) mapping, Lidar, etc.)
- Data points must be located such that there is at least a pair of points for each wetland identified on both sides of the delineation line that illustrate the distinction between wetland and non-wetland.

Corps Wetland Determination Data Form - Atlantic and Gulf Coastal Plain Region

WETLAND DETERMINATION DATA FORM – Atlantic and Gulf Coastal Plain Region

Project/Site: _____ City/County: _____ Sampling Date: _____
 Applicant/Owner: _____ State: _____ Sampling Point: _____
 Investigator(s): _____ Section, Township, Range: _____
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR or MLRA): _____ Let: _____ Long: _____ Datum: _____
 Soil Map Unit Name: _____ NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No _____ (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes _____ No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (if needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No _____	Is the Sampled Area within a Wetland? Yes _____ No _____
Hydric Soil Present? Yes _____ No _____	
Wetland Hydrology Present? Yes _____ No _____	
Remarks:	

HYDROLOGY

Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)	
Primary Indicators (minimum of one is required, check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Marl Deposits (B15) (LRR U)	<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)		<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Water-Stained Leaves (B9)		<input type="checkbox"/> FAC-Neutral Test (D5)
		<input type="checkbox"/> Sphagnum moss (D6) (LRR T, U)

Field Observations:

Surface Water Present? Yes _____ No _____ Depth (inches): _____		
Water Table Present? Yes _____ No _____ Depth (inches): _____		
Saturation Present? Yes _____ No _____ Depth (inches): _____	Wetland Hydrology Present? Yes _____ No _____	

(includes capillary fringe)

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:



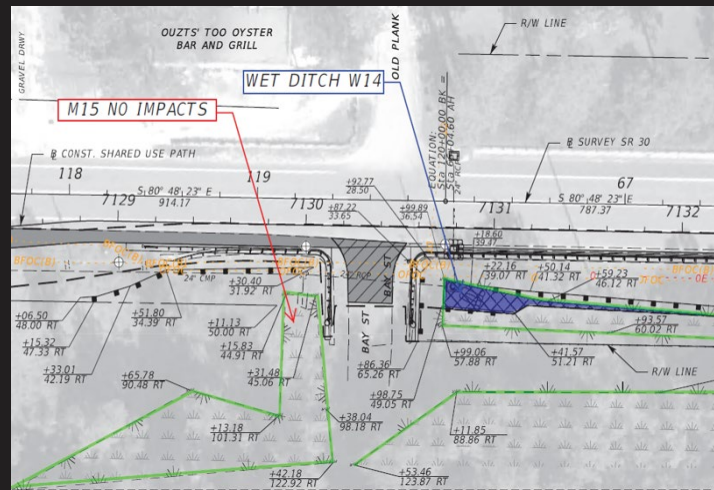
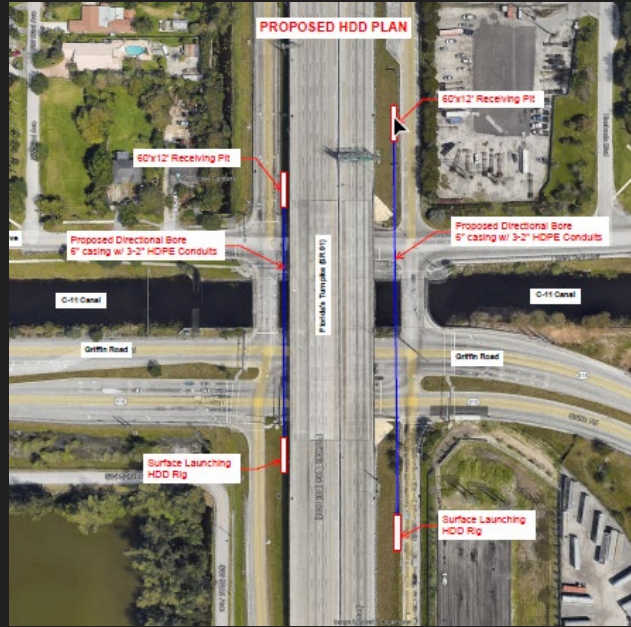
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DRAWINGS AND PROJECT PLANS



Wetland Name	Type	Acreage/cubic yard	Activity
SW-1	Surface water	0.02 acres/ 5 cubic yards	Dredge of canal
W-1	Emergent Tidal	0.01	Outfall installation/ fill
W-2	Emergent Tidal	0.002/ 1 cubic yard	Slope correction/ dredge

- Dredge and Fill Sketches AND Contract plans
- Mean High Water Line (MHWL), Ordinary High Water (OHW), Mean Low Low Water (MLLW), etc. on plan view and cross sections
- Maps: NWI, NRCS, USGS, etc. ***Please include website used and date of imagery.**
- Recent aerial imagery with features onsite labeled. ***Please use proper naming conventions & include North Arrow, Legend, etc.**
- It is also helpful to include a corresponding table that lists onsite resources.



For Subaqueous Line, Pipe, & Cable Projects:

- Cross sections and detailed description of cable/pipe
- Linear feet and area
- Depth of cable/pipe
- Authorized depth of federal channel or canal
- Distance from authorized depth of channel to top of cable/pipe
- Installation methodology (side cast/horizontal directional drilling (HDD))
- Indicate if drilling entry/exit points would be in wetlands or uplands
- Frac-out plan



CONSULTATION DOCUMENTS



Agency	Requirement	Federally Funded	State Funded
US Fish and Wildlife Service (USFWS)	Endangered Species Act (ESA)	<p>FDOT provides & Corps verifies: USFWS/FDOT Programmatic checklist, Corps/USFWS Programmatic Keys</p> <p>FDOT initiates: Consultation request, concurrence letter, biological opinions, and commitments</p>	<p>FDOT provides & Corps verifies: USFWS/FDOT Programmatic checklist, Corps/USFWS Programmatic Keys</p> <p>Corps initiates: Consultation request, concurrence letter, biological opinions, and commitments</p>
National Marine Fisheries Service (NMFS)	Endangered Species Act (ESA)	<p>FDOT provides & Corps verifies: Jacksonville District Programmatic Biological Opinion (JAXBO): Summary Sheet & Project Design Criteria (PDC) Checklist. Please read FULL BO to verify the project meets ALL PDCs.</p> <p>FDOT initiates: Consultation request, concurrence letter or biological opinions, and commitments.</p>	<p>FDOT provides & Corps verifies: JAXBO Summary Sheet & PDC Checklist.</p> <p>Corps initiates: Consultation request, concurrence letter or biological opinions, and commitments</p>
NMFS – Magnuson-Stevens Fishery Conservation and Management Act	Essential Fish Habitat (EFH)	<p>Required Information: Benthic survey (performed during growing season) & supporting information</p> <p>(If there are EFH impacts) FDOT initiates: EFH habitat conservation recommendations letter/email, consultation request</p>	<p>Required Information: Benthic survey & supporting information</p> <p>(If there are EFH impacts) Corps initiates: EFH habitat conservation recommendations letter/email, consultation request</p>
State Historic Preservation Office (SHPO)	National Historic Preservation Act (NHPA)	<p>FDOT provides & Corps verifies: SHPO/FDOT Programmatic Agreement</p> <p>OR</p> <p>SHPO Concurrence Letter and CRAS (if performed)</p>	<p>Required Information: CRAS</p> <p>SHPO concurrence letter usually provided by FDOT but can be coordinated by the Corps.</p>
Tribal Historic Preservation Office	National Historic Preservation Act (NHPA)	<p>FDOT provides & Corps initiates: CRAS & discoveries to address Tribal Trust responsibilities, Government to Government/ Nation to Nation coordination.</p>	<p>FDOT provides & Corps initiates: CRAS & discoveries to address Tribal Trust responsibilities, Nation to Nation coordination.</p>



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ESA CONSULTATION



Programmatic Keys for ESA-listed Species

- USACE Jacksonville - NMFS Programmatic Biological Opinion (JAXBO) for 10 In-Water Activities
- Corps-USFWS Effect Determination Programmatic Keys
- FDOT-USFWS Programmatic Approach for Minor Transportation Activities

Consultations

- Informal Consultation Letter from USFWS/NMFS
- Formal Consultation/Biological Opinion from USFWS/NMFS

Important Notes, Listed Species Updates

- If USFWS concurs with may affect not likely to adversely affect (MANLAA) determinations or provides protective measures for likely to adversely affect (LAA) determinations for proposed species, we can request conference on proposed listed species.
- A Conference Opinion (CO) for proposed listed species can be adopted as a Biological Opinion (BO) if a species/critical habitat is ultimately listed/designated.

New Special Conditions for Proposed Listed Species or Proposed Critical Habitat

- 1. For projects within the range of a proposed federally listed species or a proposed critical habitat AND the Corps has not completed a conference with the respective Service for that species/critical habitat**

The action falls within the range for the enter *Species Name* which is *Proposed to Be Federally Listed/ Proposed Critical Habitat*. under the Endangered Species Act. If the and the authorized work has not been completed, the Permittee is required to stop work and ask the Corps to re-evaluate the effects of the permitted action on the *Species Name and/or Critical Habitat*, and if needed, complete Section 7 consultation with the *NMFS/USFWS*. to address potential impacts to the enter species name and/or critical habitat.

- 2. For projects with a construction timeframe of 5 + years and work may affect a proposed species**

At this time, this project does not fall within the range for any known candidate or *Proposed Species* to be federally listed and/or proposed critical habitat to be designated under the Endangered Species Act. If any species or critical habitat should become federally listed within the range of the permitted action, the Permittee is required to stop work and ask the Corps to re-evaluate effects on the species or designated critical habitat, and if needed, complete Section 7 consultation with the United States Fish and Wildlife Service or National Marine Fisheries Service to address potential impacts to the species and/or designated critical habitat.



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NO PERMIT REQUIRED



Work **MUST** qualify under one option from each legislative authority:



NOTE

*Applicants are responsible for ensuring compliance with all federal, state, or local permits.

(State water quality certification (WQC), Florida Keys National Marine Sanctuary Permits, Section 7 of ESA, Section 106, etc.)

Section 10 of the RHA of 1899

OPTION A

When the activity is NOT in a navigable water of the U.S. (i.e., not subject to the ebb and flow of the tide).

OPTION B

When the activity is located in a navigable water of the U.S., but the activity is not regulated.

OPTION C

When the activity is located in a navigable water of the U.S., but the work is a bridge.

Section 404 of the CWA

OPTION A

When work may be in waters of the U.S., but the activity does not involve the discharge of dredged or fill material.

OPTION B

*** Approved Jurisdictional Determination (AJD) required!**

When an activity is regulated but is not located in waters of the U.S (i.e., the discharge of dredged or fill material is proposed in a non-jurisdictional aquatic resource or the AJD review area is comprised entirely of dry land).

OPTION C

When the activity is regulated, but work is not taking place within the aquatic resource that is present in the review area.

* This option may be supported by a Preliminary Jurisdictional Determination (PJD), Approved Jurisdictional Determination (AJD), or no JD at all (whichever the applicant prefers).



GENERAL PERMITS (NW, GP)



Common NW Verification Permits:

- 3. Maintenance
- 7. Outfall Structures and Associated Intake Structures
- 13. Bank Stabilization
- 14. Linear Transportation Projects
- 16. Return Water From Upland Contained Disposal Areas
- 23. Approved Categorical Exclusions
- 27. Aquatic Habitat Restoration, Enhancement, and Establishment Activities

Regional General Permit: SAJ-92

FDOT & Florida's Turnpike Enterprise (FTE)

Dredge and fill impacts are limited 0.5 acre of tidal impacts to waters of the United States and 5.0 acres of non-tidal impacts for any 1-mile segment of roadway length. Maximum loss of 50 acres of waters of the United States per project.

- Does not authorize a new alignment.
- Indirect impacts should be assessed, but not included in acreage totals.
- Must have gone through FDOT Efficient Transportation Decision Making (ETDM) and/or Project Development Environment (PD&E) Study within 5 years of submittal.



U.S. ARMY

CORPS APPLICATION FORMS



ENG 4345 Application Form

★ Use for GP, NW, and SP

ENG 6082 Application Form

★ Only use this form for NW verifications

U.S. Army Corps of Engineers (USACE)
APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT
 For use of this form, see 33 CFR 325. The proponent agency is CEW-COR.

Form Approved - OMB No. 0710-0003 Expires: 2027-03-31

The public reporting burden for this collection of information, OMB Control Number 0710-0003, is estimated to average 11 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Project Director, Paperwork Project, Washington, DC 20503.

RETURN YOUR APPLICATION TO THE ABOVE EMAIL.

PRIVACY ACT STATEMENT

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned. System of Record Notice (SORN). The information received is entered into our permit tracking database and a SORN has been completed (SORN #A1145b) and may be accessed at the following website: <http://dodld.defense.gov/Privacy/SORNs/Index/DOD-wide-SORN-Article-View/Article/570115/a1145b-se.aspx>

(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)

1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETE
--------------------	----------------------	------------------	------------------------------

(ITEMS BELOW TO BE FILLED BY APPLICANT)

5. APPLICANT'S NAME First - Middle - Last - Company - E-mail Address -	8. AUTHORIZED AGENT'S NAME AND TITLE (agent is not required) First - Middle - Last - Company - E-mail Address -
6. APPLICANT'S ADDRESS: Address - City - State - Zip - Country -	9. AGENT'S ADDRESS: Address - City - State - Zip - Country -
7. APPLICANT'S PHONE NOS. w/AREA CODE a. Residence b. Business c. Fax	10. AGENT'S PHONE NOS. w/AREA CODE a. Residence b. Business c. Fax

STATEMENT OF AUTHORIZATION

11. I hereby authorize, _____ to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.

SIGNATURE OF APPLICANT DATE

NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY

12. PROJECT NAME OR TITLE (see instructions)

13. NAME OF WATERBODY, IF KNOWN (if applicable)

14. PROJECT STREET ADDRESS (if applicable)
Address

15. LOCATION OF PROJECT
Latitude: -N Longitude: -W
City State Zip

16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (see instructions)
State Tax Parcel ID Municipality
Section - Township Range -

ENG FORM 4345, JUN 2024 PREVIOUS EDITIONS ARE OBSOLETE. Page 1 of 3

* Ensure you are using correct & most recent Application Form

U.S. Army Corps of Engineers (USACE)
NATIONWIDE PERMIT PRE-CONSTRUCTION NOTIFICATION (PCN)
 For use of this form, see 33 CFR 330; the proponent agency is CEW-CO-R.

Form Approved - OMB No. 0710-0003 Expires: 2027-03-31

DATA REQUIRED BY THE PRIVACY ACT OF 1974

Authority: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Regulatory Program of the Corps of Engineers (Corps); Final Rule 33 CFR 320-332.

Principal Purpose: Information provided on this form will be used in evaluating the nationwide permit pre-construction notification.

Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of the agency coordination process.

Disclosure: Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued.

The public reporting burden for this collection of information, 0710-0003, is estimated to average 11 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Project Director, Paperwork Project, Washington, DC 20503.

PLEASE DO NOT RETURN YOUR RESPONSE TO THE ABOVE EMAIL.

One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the district engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned.

(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)

1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETE
--------------------	----------------------	------------------	------------------------------

(ITEMS BELOW TO BE FILLED BY APPLICANT)

5. APPLICANT'S NAME First - Middle - Last - Company - Company Title - E-mail Address -	8. AUTHORIZED AGENT'S NAME AND TITLE (agent is not required) First - Middle - Last - Company - E-mail Address -
6. APPLICANT'S ADDRESS: Address - City - State - Zip - Country -	9. AGENT'S ADDRESS: Address - City - State - Zip - Country -
7. APPLICANT'S PHONE NOS. with AREA CODE a. Residence b. Business c. Fax d. Mobile	10. AGENT'S PHONE NOS. with AREA CODE a. Residence b. Business c. Fax d. Mobile

STATEMENT OF AUTHORIZATION

11. I hereby authorize, _____ to act in my behalf as my agent in the processing of this nationwide permit pre-construction notification and to furnish, upon request, supplemental information in support of this nationwide permit pre-construction notification.

SIGNATURE OF APPLICANT DATE

NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY

12. PROJECT NAME or TITLE (see instructions)

ENG FORM 6082, APR 2024 PREVIOUS EDITIONS ARE OBSOLETE. Page 1 of 6



U.S. ARMY



SECTION 401 OF THE CWA

- **Some Corps general permits have been granted general water quality certification (WQC) by Florida Department of Environmental Protection (FDEP).**
- **Projects that require a Corps standard permit, a general permit that was not granted WQC, or if WQC was waived, require an additional review process:**
 - 1. Corps must receive a copy of the state environmental resource permit (ERP) as WQC.**
 - 2. Corps sends a 401(a)(2) Notice (see 40 CFR §121.12) to EPA by email containing a copy of the application, project drawings, and the ERP.**
 - 3. EPA has 30 days to review and determine if the project may affect water quality in a neighboring jurisdiction (other states and Tribes).**
 - **If no, then EPA sends an email stating that they will not issue a “may effect” determination for the project.**
 - **If yes, then EPA facilitates a resolution process, including public hearings.**
 - 4. EPA’s review typically takes a few days, but they do have 30 days if needed.**



U.S. ARMY



SECTION 401 OF THE CWA

- **Common Corps general permits used by FDOT that have been granted a general WQC and do not need to go through the 401(a)(2) Notification process:**
 - **Nationwide Permits (NWs): 3, 7, 13, 14, 16, 23, 27**
 - **Regional General Permit (RGP): 92**
- **NWs 3, 23, and 27 do not have general Coastal Zone Consistency Concurrence (CZCC). The Corps will still need copy of ERP before issuance.**



NEPA



You can help us write faster decision documents!

Please include these in your application for a standard permit:

- **State Environmental Impact Report (SEIR).**
- **Alternative analysis specific to the project segment being applied for.**
- **Contamination information. If testing was done (Phase II Impacts to Contamination Assessment, etc.), include test results and description of how FDOT will handle any contaminated sediments/areas.**
- **Explanation of whether the project would affect any private or municipal water supplies.**



U.S. ARMY



TOOLBOX

For UMAM score calibration: UMAM Scoring Tables from the UMAM Training Manual.

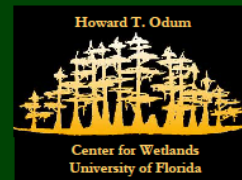
UMAM Scoring Worksheet ~ Location and Landscape Support

Guidance: This worksheet is only a summary and is not intended to replace the rule. The rule should be used to resolve any question or dispute.

	Optimal (10)	Moderate (7)	Minimal (4)	Not Present (0)
Location and Landscape Support	full opportunity to perform beneficial functions at optimal level	opportunity to perform beneficial functions is limited to 70% of optimal ecological value	opportunity to perform beneficial functions is limited to 40% of optimal ecological value	provides no habitat support or opportunity to provide benefits to fish and wildlife
a. Support to wildlife by outside habitats	full range of habitats needed to support all wildlife species	optimal support for most, but not all wildlife species	fail to provide support for some, or minimal support for many wildlife species	no habitat support for wildlife
b. Invasive exotics or other invasive plant species in proximity of the assessment area	not present	present but cover is minimal and has minimal adverse effects	majority of plant cover consists of invasive exotics that adversely affect functions	predominance of plant cover consists of invasive exotics so that little or no function is provided
c. Wildlife access to and from outside – distance and barriers	not limited by distance or barriers	partially limited by distance or barriers	substantially limited by distance or barriers	precluded by distance or barriers
d. Functions that benefit fish & wildlife downstream – distance or barriers	not limited by distance or barriers	somewhat limited by distance or barriers that reduce opportunity to provide benefits	limited by distance or barriers that substantially reduce opportunity to provide benefits	functions not present
e. Impacts of land uses outside assessment area to fish and wildlife	no adverse impacts on wildlife	minimal adverse impacts on wildlife	significant adverse impacts on wildlife	severe adverse impacts on wildlife
f. Benefits to downstream or other hydrologically connected areas	opportunity is not limited by hydrologic impediments or flow restrictions	limited by hydrologic impediments or flow restrictions so that benefits are provided with lesser freq. or magnitude	limited by hydrologic impediments so that benefits are rarely provided or are provided at greatly reduced levels	no opportunity to provide benefits due to hydrologic impediments or flow restrictions
g. Benefits to downstream habitats from discharges	downstream habitats are critically or solely dependent on discharges	downstream habitats derive significant benefits from discharges	downstream habitats derive minimal benefits from discharges	downstream habitats derive negligible or no benefits from discharges
h. Protection of wetland functions by upland mitigation assessment areas	optimal protection of wetland functions	significant, but suboptimal, protection of wetland functions	minimal protection to wetland functions	no protection of wetland function

UMAM Uniform Mitigation Assessment Method TRAINING MANUAL

Web-based training manual for
Chapter 62-345, FAC for Wetlands Permitting



Eliana Bardi, Mark T. Brown, Kelly C. Reiss, Matthew J. Cohen



U.S. ARMY

TOOLBOX



Wetland Delineation

WETLAND DETERMINATION DATA FORM – Atlantic and Gulf Coastal Plain Region

Project/Site: _____ City/County: _____ Sampling Date: _____
 Applicant/Owner: _____ State: _____ Sampling Point: _____
 Investigator(s): _____ Section, Township, Range: _____
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR or MLRA): _____ Lat: _____ Long: _____ Datum: _____
 Soil Map Unit Name: _____ NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No ___ (If no, explain in Remarks.)
 Are Vegetation ___ Soil ___ or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes ___ No ___
 Are Vegetation ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ___ No ___	Is the Sampled Area within a Wetland?	Yes ___ No ___
Hydric Soil Present?	Yes ___ No ___		Yes ___ No ___
Wetland Hydrology Present?	Yes ___ No ___		Yes ___ No ___

Remarks: _____

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required, check all that apply)	Secondary Indicators (minimum of two required)
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Sparse Vegetated Concave Surface (B8)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> FAC-Neutral Test (D5)
	<input type="checkbox"/> Sphagnum moss (D8) (LRR T, U)

Field Observations:

Surface Water Present?	Yes ___ No ___	Depth (inches): _____	Wetland Hydrology Present? Yes ___ No ___
Water Table Present?	Yes ___ No ___	Depth (inches): _____	
Saturation Present? (includes capillary fringe)	Yes ___ No ___	Depth (inches): _____	

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: _____

Remarks: _____

-Check all that apply to your site
 -Be consistent with your answers.

VEGETATION (Five Strata) – Use scientific names of plants.

Sampling Point: _____

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status
1. _____			
2. _____			
3. _____			
4. _____			
5. _____			
6. _____			

0 = Total Cover
50% of total cover: _____ 20% of total cover: _____

Sapling Stratum (Plot size: _____)

1. _____	Absolute % Cover	Dominant Species?	Indicator Status
2. _____			
3. _____			
4. _____			
5. _____			
6. _____			

0 = Total Cover
50% of total cover: _____ 20% of total cover: _____

Shrub Stratum (Plot size: _____)

1. _____	Absolute % Cover	Dominant Species?	Indicator Status
2. _____			
3. _____			
4. _____			
5. _____			
6. _____			

0 = Total Cover
50% of total cover: _____ 20% of total cover: _____

Herb Stratum (Plot size: _____)

1. _____	Absolute % Cover	Dominant Species?	Indicator Status
2. _____			
3. _____			
4. _____			
5. _____			
6. _____			
7. _____			
8. _____			
9. _____			
10. _____			
11. _____			

0 = Total Cover
50% of total cover: _____ 20% of total cover: _____

Woody Vine Stratum (Plot size: _____)

1. _____	Absolute % Cover	Dominant Species?	Indicator Status
2. _____			
3. _____			
4. _____			
5. _____			
6. _____			

0 = Total Cover
50% of total cover: _____ 20% of total cover: _____

Remarks: (if observed, list morphological adaptations below) _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A)
 Total Number of Dominant Species Across All Strata: _____ (B)
 Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)

Prevalence Index worksheet:

OBL species	x 1 = _____
FACW species	x 2 = _____
FAC species	x 3 = _____
FACU species	x 4 = _____
UPL species	x 5 = _____
Column Totals:	0 (A) 0 (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

1 - Rapid Test for Hydrophytic Vegetation
 2 - Dominance Test is >50%
 3 - Prevalence Index is ≥3.0¹
 Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Five Vegetation Strata:

Tree – Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).

Sapling – Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.

Shrub – Woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.

Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody plants, except woody vines, less than approximately 3 ft (1 m) in height.

Woody vine – All woody vines, regardless of height.

Hydrophytic Vegetation Present? Yes No

SOIL

Sampling Point: _____

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type ²	Loc ²	Texture	Remarks

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains
²Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Polyvalue Below Surface (S8) (LRR S, T, U)	<input type="checkbox"/> 1 cm Muck (A9) (LRR O)
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Thin Dark Surface (S9) (LRR S, T, U)	<input type="checkbox"/> 2 cm Muck (A10) (LRR S)
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR O)	<input type="checkbox"/> Reduced Vertic (F18) (outside MLRA 150A, B)
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	<input type="checkbox"/> Piedmont Floodplain Soils (F19) (LRR P, S, T)
<input type="checkbox"/> Stratified Layers (A5)	<input type="checkbox"/> Depleted Matrix (F3)	<input type="checkbox"/> Anomalous Bright Loamy Soils (F20) (MLRA 153B)
<input type="checkbox"/> Organic Bodies (A6) (LRR P, T, U)	<input type="checkbox"/> Redox Dark Surface (F6)	<input type="checkbox"/> Red Parent Material (TF2)
<input type="checkbox"/> 5 cm Mucky Mineral (A7) (LRR P, T, U)	<input type="checkbox"/> Depleted Dark Surface (F7)	<input type="checkbox"/> Very Shallow Dark Surface (TF12)
<input type="checkbox"/> Muck Presence (A8) (LRR U)	<input type="checkbox"/> Redox Depressions (F8)	<input type="checkbox"/> Other (Explain in Remarks)
<input type="checkbox"/> 1 cm Muck (A9) (LRR P, T)	<input type="checkbox"/> Mari (F10) (LRR U)	
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Depleted Ochric (F11) (MLRA 151)	
<input type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Iron-Manganese Masses (F12) (LRR O, P, T)	
<input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 150A)	<input type="checkbox"/> Umbric Surface (F13) (LRR P, T, U)	
<input type="checkbox"/> Sandy Mucky Mineral (S1) (LRR O, S)	<input type="checkbox"/> Delta Ochric (F17) (MLRA 151)	
<input type="checkbox"/> Sandy Gleyed Matrix (S4)	<input type="checkbox"/> Reduced Vertic (F18) (MLRA 150A, 150B)	
<input type="checkbox"/> Sandy Redox (S5)	<input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149A)	
<input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D)	
<input type="checkbox"/> Dark Surface (S7) (LRR P, S, T, U)		

Restrictive Layer (if observed):

Type: _____
 Depth (inches): _____

Hydric Soil Present? Yes No

Remarks: _____

- Depth of soil pit consistent with the Regional Supplement (20 inches).
 - Verify the hydric soil indicator you chose is available in Florida (Subregion LRR T, U, P)



U.S. ARMY

TOOLBOX



Section 408: Established to protect Corps Civil Works project.

The Corps, US Coast Guard (USCG), or a non-federal sponsor (NFS) can apply for 408 authorization.

If Corps coordinates, documents required are:

- Description of the impacts to the federal project (i.e., vessels, partial closures).
- Plan view and cross sections of the proposed work requiring 408 authorization.
- X & Y State Plane coordinates of the most waterward point(s) of structure(s).
- Dimensions of the structure, depth of water (mean low water) at the waterward end of the structures, and the distance from the waterward end of the structure to the near design edge of the federal channel.
- Hydraulic studies.
- Clearances.
- Frac-out plan, if performing directional boring.
- Consent for Easement may be required.

If USCG or NFS coordinates, documents required are:

- Copy of 408 authorization letter
- Copy of Frac-out plan and any other commitments



U.S. ARMY

TOOLBOX



Section 408

For subaqueous line, pipe, and/or cables under federal projects:

- Appropriate drawings showing all depths (i.e., authorized channel, structures, existing utilities).
- Specification of the proposed piping, cable, or duct.
- Methodology of installation.
- Frac out plan:
 - Calculations that confirms the maximum drilling pressure will not exceed **10 psi**. Please provide Delft equation calculations with the guidance from Engineering Memorandum (EM) 1110-2-2902 Section 5.6.3.4 and/or any other supporting calculations.
 - Include a description of field response to accidental releases with response close out procedures (decommissioning/abandonment procedures), construction restart, and documentation of the incident.
 - The release procedure/notification should include the following information:
 - » Name and telephone number of person reporting.
 - » Location of the frac-out.
 - » Date and time of the frac-out.
 - » Estimated quantity of drilling fluid released.
 - » How the release occurred.
 - » The type of activity that was occurring during the frac-out.
 - » Description of the methods used to clean up or secure the site.
 - » Provide any photographs of the frac-out and the clean-up.



15 MOST COMMON OMISSIONS



1. Properly signed applications by agent and applicant.
2. Latitude and longitude in decimal degrees.
3. Habitat description – i.e., ecological communities, vegetation, wetland description.
4. Funding Type.
5. Incomplete or missing wetland delineations datasheets and delineation maps.
6. Missing, incomplete, or poor-quality drawings (i.e., missing water lines).
7. Missing or incomplete avoidance, minimization, and compensatory mitigation statements.
8. Lack of information regarding endangered species surveys.
9. Missing or incomplete cultural resources information or consultations.
10. Missing or unclear project description.
11. Missing or incomplete EFH information (i.e., benthic surveys).
12. Alternative analysis with clear description of the criteria used for the evaluation (i.e., matrix or table).
13. Unusable adjoining properties owners' list (i.e., PDF format and XLS format).
14. Wetland functional assessments using a methodology not supported by the proposed bank.
15. Copies of Cultural Resource Assessment Survey (CRAS) reports – needed for Tribal consultation.



WEB RESOURCES



USACE

- Sourcebook: <https://www.saj.usace.army.mil/Missions/Regulatory/Source-Book/>
- 1987 Wetland Delineation Manual : <https://usace.contentdm.oclc.org/utis/getfile/collection/p16021coll11/id/6469>
- Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region (Version 2.0): <https://usace.contentdm.oclc.org/utis/getfile/collection/p16021coll11/id/6470>
- Wetland Determination Data Form -Atlantic and Gulf Coastal Plain Region : https://www.usace.army.mil/Missions/Civil-Works/Regulatory-Program-and-Permits/reg_supp/
- USACE Navigation Public Data (408 surveys, channels frameworks): <https://navigation.usace.army.mil/Survey/Hydro/>

Other agencies:

- NOAA Tides and Currents: <https://tidesandcurrents.noaa.gov/>
- IPAC: <https://ipac.ecosphere.fws.gov/>
- EFH Mapper: <https://www.habitat.noaa.gov/apps/efhmapper/>
- NMFS ESA Section 7 Mapper: <https://noaa.maps.arcgis.com/apps/webappviewer/index.html?id=b184635835e34f4d904c6fb741cfb00d>

QUESTIONS

