**TAMPA HARBOR MAINTENANCE DREDGING, Cut-A, Cut-C & Cut D.**

**W912EP-116-B-0007**

**WQC NO. 0157891-011-EM and 0157891-019-BN Prepared by Paul Karch 06/2016**

**ENVIRONMENTAL MATRIX**

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| **TASK** | **REQUIREMENTS TO BE ACCOMPLISHED** | **TIMEFRAME** | **PERSON/TO TAKE ACTION** | **COMMENTS** |
| WQC |  |  |  |  |
| GC 2&3 | Notify DEP of any deviations or noncompliance | If needed | Corps CD/Corps PD-EC | The field office will notify PD-EC and PD-EC will notify DEP |
| GC 8 | Contractor to review DEP permit. Copy of permit kept at work site. | Prior to commencement of construction. | Contractor |  |
| GC10 | Send notice of commencement to DEP | At least 48 hours prior to construction | Corps CD | Send DEP anticipated start date and completion date. |
| GC11 | Report finds of archeological artifacts to DEP and SHPO | If needed | Contractor/Corps CD/ Corps PD-E | Corps PD-E will notify DEP and SHPO |
| GC12 | Send notice of completion to DEP | Within 60 days after construction is completed | Corps CD |  |
| SC1 | Submit to DEP a proposed schedule for the dredging event | 30 days prior to commencement of construction | Corps CD |  |
| SC2 | Provide DEP, FWC, NMFS, DACS Division of Aquiculture, USFWS written notification of the pre-construction conference | 14 days prior to the conference | Corps CD |  |
| SC3 | Provide DEP Final Plans and Specifications | 14 days prior to construction | Corps PD-EC |  |

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| WQC |  |  |  |  |
| SC7 | Send a final report outline in SC 7 to DEP  | Within 90 days following completion of the dredging event. | Corps CD |  |
| SC10 | If turbidity levels exceed 29 NTUs and 0 NTUs within Pinellas Co, above background, the Contractor must cease work and contact the Corps CD | During Construction | Contractor | Contractor notifies Corps CD and the Corps notifies DEP |
| SC12 | Turbidity Monitoring 2/day | During Construction | Contractor |  |
| SC12 | Submit water quality monitoring reports. | During Construction | Contractor | Submit the reports to Corps CD and PD-EC and DEP on a weekly basis within seven days of collection. |
| SC15 | Ensure that marine turtles are not adversely affected | During Construction | Contractor | If there is a violation, the Contractor must contact the CO  |
| SC16 | Submit the specific migratory bird Nesting habitat protection measures to DEP | Prior to construction | PD-EC |  |
|  | Environmental Protection Plan | 15 days prior to Preconstruction Conference | Contractor submit to Corps CD and Corps CD submit EPP to PD-E for approval |  |

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**ENVIRONMENTAL MATRIX**

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| **TASK** | **REQUIREMENTS TO BE ACCOMPLISHED** | **TIMEFRAME** | **PERSON/TO TAKE ACTION** | **COMMENTS** |
| NEPA | Manatee Observer Qualifications (Clamshell Only) | 20 calendar days after award or 5 calendar days after NTP | Contractor submit to CO and CO submits to Project Biologist |  |
| NEPA | Migratory Protection Plan | 15 days prior to Preconstruction Conference | Contractor/Corps CD/ Corps PD-EC for approval |  |
| NEPA | Bird Monitoring Qualifications | 15 days prior to Preconstruction Conference | Contractor submit to Corps CD and CD submit to PD-EC for approval | Contact Aubree Hershorin at 904-232-2136 |
| NEPA | Bird Nesting Logs | Daily logs daily and an annual summary by September 30 | Contractor/Corps CD/ Corps PD-EC |  |
| NEPA | Bird Nest Monitoring | 3/1 to 9/15 or until late December if nesting is still present  | Contractor |  |
| USFWS ESA Consultation | Provide USFWS North Florida Ecological Services Field Office (Pete Plage, Heath Rauschenberger, and Cindy Fury) written notification of the pre-construction conference | 14 days prior to the conference | Corps CD | USFWS ESA Consultation |

POC

DEP Office of Beaches and Coastal Systems

Mail Station 300

3900 Commonwealth Boulevard

Tallahassee, Florida 32399-3000

Fax: (850) 4885257

DEP Southwest District Office

Permitting and Compliance/Enforcement

Tampa, Florida 33619-8318

Phone: (813) 744-6100

FWCC Bureau of Protected Species Management

Office of Environmental Services

620 South Meridian Street

Tallahassee, Florida 32399-1600

Fax: (850) 921-4369

U.S. Fish and Wildlife Service

North Florida Ecological Services Office

7915 Baymeadows Way, Suite 200

Jacksonville, Florida 32256-7517

DACS Division of Aquiculture

Shellfish Harvesting Management

South Gulf Office

P.O. Box 189

Murdock, FL 33938-0189

Phone: (813) 255-0083

Telephone #s:

Contractor TBA

FDEP BBCS (Project Manager): ???

FDEP BBCS (Compliance Officer): Shonna Culver; 850-414-7716; JCPCompliance@dep.state.fl.us

FWC Imperiled Species Management (Manatees): Mary Duncan; (850) 922-4330; mary.duncan@fwc.state.fl.us

FWC Regional Biologist: Nancy Douglass (Migratory Birds); (863) 648-3203; nancy.douglass@myfwc.com

USFWS North Florida Field Office Contact (manatees): Pete Plage; (727) 502-8907; peter\_plage@fws.gov

USFWS North Florida Field Office Contact (supervisor): Heath Rauschenberger; (904) 731-3203; heath\_rauschenberger@fws.gov

USFWS Migratory Bird Program: Cindy Fury; (850) 539-1684; Cindy\_Fury@fws.gov

NMFS Habitat Conservation Division (seagrasses, hardbottoms): Mark Sramek; (727) 824-5311; Mark.Sramek@noaa.gov

CESAJ-CD (COR): ??????

CESAJ-CD (Resident Engineer): Erin Duffy; (863) 471-1741; Erin.M.Duffy@usace.army.mil

CESAJ-PD-EC (Water Quality): Paul Karch; 904-232-2168; paul.j.karch@usace.army.mil

CESAJ-PD-EC (Biologist): Aubree Hershorin; 904-232-2136; aubree.g.hershorin@usace.army.mil

CESAJ-PD-E (Chief of Environmental Branch): Gina Ralph; 904-232-2336; gina.p.ralph@usace.army.mil