

**IWW Bakers Haulover Inlet Maintenance Dredging Project  
Permit Completion/ Environmental Compliance Matrix  
Notification and Submittal Schedule**

**08/15/13**

Permit Holder: CESAJ

Project Name: IWW Bakers Haulover Inlet Maintenance Dredging

Permit/Authorization No.: 01173188-002-JC; -003-JN; -004-JN

Issuance Date: 10/21/05 (for base issuance)

Expiration Date: 10/21/15

Author Klug

| <b>Task #</b> | <b>Permit Reference</b> | <b>Specification</b>  | <b>Deadline</b>   | <b>Responsible Entity</b> | <b>Date Provided</b> |
|---------------|-------------------------|---|---|---------------------------|----------------------|
|               |                         | <b>Pre-Construction</b>   |   |                           |                      |
| 1             | Permit GC 2             | Notify DEP in writing of any anticipated changes in project plans, dimensions, ability to adhere to permit conditions, project description, or monitoring plans                         | Prior to implementation   | Corps                     | TBD                  |
| 2             | Permit SC 2             | Provide DEP with copies of final plans & specs;   | 28 days prior to commencement   | PD-EQ                     | TBD                  |
| 3             | Permit SC 2             | Provide DEP with two copies of Environmental Protection Plan and Grade Stake Recovery Plan  | 15 days prior to commencement and prior to preconstruction                        | PD-EQ                     | TBD                  |
| 4             | Permit SC 4.a.          | In-water seagrass and hardbottom survey of proposed pipeline route, 150 m mixing zone, & all vessel operation areas; barren areas as determined by qualified biologist may be exempted. | Submit with first weekly turbidity report   | FIND/DERM (PD-EQ submit)  | TBD                  |
| 5             | Permit SC 4.b.          | Notify DEP and BBAP of location of resources described in SC 4.b. and provide opportunity to transplant salvageable resources   | Earliest possible opportunity   | PD-EQ                     | TBD                  |
| 6             | Permit SC 9             | Provide DEP with drawings and surveys that depict biological resource avoidance areas.  | Prior to commencement   | PD-EQ                     | TBD                  |
| 7             | Permit SC 4.c.          | Submit permit mod request proposing avoidance, mitigation, or remediation strategies for biological resources (if necessary)  | Prior to commencement   | PD-EQ                     | TBD                  |
| 8             | Permit SC 3             | Send out invitation to Preconstruction Conference   | At least 10 days prior to Pre-Con   | CD-WM                     | TBD                  |
| 9             | Permit SC 3             | Precon to be conducted w/ Contractor, Corps, FWC, BBAP, DERM & DEP  | At least 14 days prior to construction  | CD-WM                     | TBD                  |
| 10            | Permit SC 13            | Meeting between representatives of the contractor, DEP, the FWC and permitted person responsible for turtle nest monitoring (at Precon  | At least 30 days prior to the commencement of work; with a 15 day notice provided | CD-WM/<br>PD-EQ           | TBD                  |
| 11            | Permit SC 23. g. i.     | Manatee observer contact info and resumes shall be submitted to DEP   | At least 1 week prior to construction   | PD-EQ                     | TBD                  |
| 12            | Permit SC 15            | Shorebird observer contact info and resume shall be submitted to DEP  | Prior to commencement   | PD-EQ                     | TBD                  |
| 13            | Permit GC 10            | Send Notice of Commencement to DEP  | At least 48 hours Prior to construction   | CD-WM                     | TBD                  |

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|---------------|-----------------------------|---|--|--------------------------------|----------------------|
| 14            | Permit SC 4.e               | Pre-construction vessel based visual resource survey performed and submitted to DEP   | Within 24 hours of dredging commencement | Contractor/DERM (PD-EQ submit) | TBD                  |
|               |                             | <b>During Construction</b>  |  |                                |                      |
| 15            | Permit GC 3                 | Notify DEP of any noncompliance with permit conditions with written report including description and time period, impacts from, corrective steps, and steps to prevent re-occurrence  | During work                              | CD-WM/PD-EQ                    | N/A                  |
| 16            | Permit GC 11                | For historical or archaeological discoveries, stop work on all soil disturbance activities; report finds to SHPO/DEP/COE  | During work                              | Contractor/COE                 | N/A                  |
|               | <b>Turbidity Monitoring</b> |   |  |                                |                      |
| 17            | Permit SC 10                | Provide to USACE, DEP BBCS, DEP SED turbidity test reports (electronically, daily interim reports in Excel are recommended)   | Within 7 days of test                    | Contractor                     | TBD                  |
| 18            | Permit SC 10                | Turbidity exceedence: cease work; modify procedures responsible for violation; notify DEP BBCS, DEP Southeast District, Biscayne Bay AP and USACE (Chief PD-E and CO) of any exceedence of 1 ntu over background levels at edge of 150 m mixing zone and 29 ntu over background levels at edge of seagrass bed within 150 m mixing zone and at placement site. At dredge site, exceedences between 0 and 1 ntu shall be reported to DEP and Corps immediately, but do not necessarily require activity shutdown. For every 3rd exceedence of thresholds within any 7 day period, the Corps shall consult with DEP BBCS before resuming construction | Immediately                              | Contractor/CD-WM/PD-EQ         | TBD                  |
|               | <b>Sediment QA/QC</b>       |   |  |                                |                      |
| 19            | QA/QC plan E.9.             | If a section of beach is determined to contain material that is not in compliance with the permit, DEP will be notified   | During work                              | EN-GG                          | TBD                  |
| 20            | QA/QC plan E.10.            | USACE's sediment inspection results will be reported to DEP   | During work                              | EN-GG                          | TBD                  |
|               | <b>Marine Turtles</b>       |   |  |                                |                      |
| 21            | Permit SC 11 g.             | If a nest is excavated, cease work and notify the person responsible for egg relocation   | During work                              | Contractor                     | TBD                  |
| 22            | Permit SC 11 h.             | If a dead, injured, or sick endangered/threatened sea turtle specimen, notify FWC at 1-888-404-FWCC (3922). Sick or injured specimen--give appropriate care; dead specimen--preserve biological materials for later analysis  | During work                              | Contractor/CD-WM/PD-EC         | TBD                  |

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|---------------|--|---|---|--|----------------------|
|               | <b>Manatees</b>                          |   |   |  |                      |
| 23            | Permit SC 23. e.                         | Immediately report any collisions with or injuries to a manatee to FWC Hotline (1-800-404-FWCC) and USFWS Vero Beach (772-562-3909)   | Immediately   | Contractor/<br>CD-WM/<br>PD-EC         | TBD                  |
|               | <b>Shore Birds</b>                       |   |   |  |                      |
| 24            | Permit SC 17                             | Submit daily monitoring reports. Notify CO and FWC of nesting or breeding. Also, report breeding activity to the Beach-Nesting Bird website. Report observations of non-breeding shorebirds to the Shorebird-Seabird Occurrence database and Regional Nongame Biologist   | CO-Immediately<br>FWC-within 24 hrs<br>Beach nesting website-<br>within 1 week  | Contractor                             | TBD                  |
| 25            | Permit SC 4.e                            | Mid-construction vessel based visual resource survey performed and submitted to DEP   | Approximately halfway through construction                                      | Contractor/<br>DERM (PD-<br>EQ submit) | TBD                  |
| 26            | PPPBO T&C 8 (& Letter 41910-2013-F-0148) | Piping Plover survey report summaries provided to USFWS   | Following Completion  | CESAJ-PD-EC                            | TBD                  |
|               |  | <b>Post-Construction</b>  |   |  |                      |
| 27            | Permit SC 23. g. ii.                     | Submit report detailing manatee sightings, boat-manatee collisions, and manatee injuries to FWCC Imperiled Species Management Section and BBAP  | Within 30 days after work is completed (weekly interim reports are recommended) | PD-EC                                  | TBD                  |
| 28            | Permit SC 4.f.                           | Submit 1 hard and 1 electronic copy of the post-construction natural resource survey (to be performed within 21 days of completion of construction) to DEP documenting all signs of impact to resources since pre-con survey, quantification of impacts, and likelihood impacts were attributable to dredge operation | Within 60 days after survey is performed  | DERM (PD-EQ to submit)                 | TBD                  |
| 29            | Permit GC 12, SC 8                       | Send Notice of Completion, description of work completed, and as-built drawings/survey to DEP. Drawings include pre-dredge data & drawings, original design & constructed elevations, and volume dredged for each work area   | Within a reasonable time after work is completed                                | CD-WM                                  | TBD                  |
| 30            | Permit SC 4.e                            | Post-construction vessel based visual resource survey performed and submitted to DEP  | After dredging but prior to demobilization                                      | Contractor/<br>DERM (PD-<br>EQ submit) | TBD                  |
| 31            | Permit SC 4.d.                           | Submit dredge and tug operational logs to DEP and CO with all dredge anchor drop points and pipeline alignment  | Within 90 days after work is completed  | CD-WM/<br>PD-EQ                        | TBD                  |

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| 32            | QA/QC plan E.11.        | Submit post completion sediment testing results to the DEP | Within 90 days of final placement | EN-GG                     | TBD                  |

[http://www.saj.usace.army.mil/Divisions/Planning/Branches/Environmental/DocsNotices\\_OnLine\\_PermitComplMatrix.htm](http://www.saj.usace.army.mil/Divisions/Planning/Branches/Environmental/DocsNotices_OnLine_PermitComplMatrix.htm)