



## FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

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TALLAHASSEE, FLORIDA 32399-3000

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LT. GOVERNOR

JONATHAN P. STEVERSON  
SECRETARY

April 29, 2015

Mr. Eric P. Summa  
Chief, Environmental Branch  
U.S. Army Corps of Engineers, Jacksonville District  
701 San Marco Boulevard  
Jacksonville, FL 32207-0019

**Subject: Minor Modification**  
**Project: Herbert Hoover Dike Rehabilitation and Repair**  
**Phase: Culvert 10A Replacement**  
**File No.: 0234604-023**

Dear Mr. Summa,

The Florida Department of Environmental Protection (Department) has reviewed the U.S. Army Corps of Engineers (Corps) request to modify the existing Herbert Hoover Dike Rehabilitation and Repair – Culvert Replacement Project Environmental Resource Permit (ERP) (File No. 0234604-023). This request was received on February 25, 2015 and a response to a request for additional information was received on April 2, 2015. The Corps is requesting a modification to the ERP permit to include the replacement of the existing Culvert 10A with the construction of newly designed water control structure (S-271) at the same location within the Herbert Hoover Dike Rehabilitation and Repair Project footprint.

In addition to the requested items above, the Department would like to take this opportunity to make the following changes:

- update the Department contact information in Specific Condition No. 1
- add Culvert 10A in the Project Description
- update Specific Condition No. 2 Authorized Construction
- update Specific Condition No. 8 Wetland Mitigation and Restoration to include the bypass culvert impacts
- update Specific Condition No. 11 Mixing Zone to include Culvert 10A
- update Specific Condition No. 13 Turbidity Monitoring During Construction and Maintenance
- update Specific Condition No. 20 Future Phases to remove S-271
- add Attachment 6, Figure 4. Plan View of the Temporary Bypass Culvert for S-271 (C-10A)

After a thorough review of the submitted materials, the Department has determined that the requested modification is not expected to result in any adverse environmental impacts and hereby approves the following changes to the referenced permit. The issued permit shall be modified as follows utilizing ~~strikethroughs~~ for deletions and underlines for additions. Sections of the permit not shown below shall remain unchanged.

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**Project Name or Phase:**

**Project Name:** Herbert Hoover Dike Rehabilitation and Repair

**Phase:** Culverts 2, 6, 10A, 12A and HP-2 Replacement Project

**Permit No.:** 0234604-0223

**Consolidated Environmental Resource Permit**

**Permittee:** U.S. Army Corps of Engineers

**Permit No:** 0234604-0213

**PROJECT DESCRIPTION:**

This permit authorizes impacts resulting from the construction, rehabilitation, and/or replacement of the culverts listed under Project Location, above. Due to the timing of the construction, it is recognized that final design of some culverts will require the submittal of additional information and modification of this permit prior to being authorized for construction. The U.S. Army Corps of Engineers (Corps/Permittee) is authorized to remove and replace the culvert structures S-287 (HP-2), S-274 (C-12A), S-278 (C-2), S-267 (C-6), S-271 (C-10A) without further submittals. Further, the U.S. Army Corps of Engineers (Corps/Permittee) is authorized to remove and replace the culvert structures S-271 (C-10A), S-292 (IP-1), S-290 (IP-2), S-291 (IP-3), S-266 (KI-1), S-265 (KI-2), S-288 (HP-1), S-289 (HP-7), and S-283 (FC-1) only upon the submittal of additional information and a modification to this permit. Each of these structures are located within Lake Okeechobee (Class I Waters), the landward toe ditch of the Herbert Hoover Dike (Class III Waters), Fisheating Creek (Class III Waters), Harney Pond Canal (Class III Waters), Indian Prairie Canal (Class III Waters), and Kissimmee River (Class III Waters) (Previous authorizations were given for similar works to culvert structures described below). Collectively, these activities make up the Herbert Hoover Dike Rehabilitation and Repair - Culvert Replacement Project. The activities authorized in this permit include the replacement of the listed culvert structures, temporary construction of a cofferdam, either earthen or structural, on both sides of the culvert and dewatering activities. A cutoff wall will be installed in the centerline of the embankment at each structure for seepage management within the excavated area, and the embankment reconstructed to match the existing crest elevation of the dike except at S-287, which will be four feet lower. Riprap shall be installed along the lakeside (i.e., the side opposite the landside) of the embankment face to protect against erosion, and a control building shall be installed at the landside work platform at each structure to enable remote operation (with the exception of S-287, S-274 and S-278 which will be located on the lakeside of the structures). Temporary bypass pumps may be installed for continuation of drainage and/or irrigation supply to and from the lakeside of the culvert during construction. Operation of the culvert structures will remain unchanged. The flap gates will open automatically to discharge into the lakeside of each culvert from the landside for flood control, and the slide gates will open to discharge from the lakeside of each culvert for water supply. Lakeside and landside access ramps shall also be provided down to the culverts after the levee cross-section is restored.

*This permit authorizes construction activities for the following culverts:*

- S-271 (Culvert 10A): Remove the existing five-barrel, 10-foot diameter, 76-foot long corrugated metal pipe structure and replace it with four, 185-foot long reinforced concrete box culverts that are each 7-foot high by 13.5-foot wide through the embankment and transition to 10-foot by 10-foot square at the headwalls. Each box culvert will be equipped with a slide/flap combination gate on the lakeside which opens automatically based on landside stage levels. The S-271 water control structure will include cast-in-place reinforced concrete headwalls (lakeside and landside), conduit, and end walls. The demolition and reconstruction efforts will be performed in the dry requiring the installation of an earthen cofferdam within Lake Okeechobee and a steel sheet pile cofferdam on the landside at the L-8 canal in order to dewater the construction site. The reconstructed embankment will feature a cutoff wall, an impervious core, a vertical chimney drain, and a horizontal drain and filter. The reconstructed embankment will match the existing crest elevation of the dike at the site. Riprap will be installed along the lakeside embankment face for erosion protection. A steel sheet pile groin structure will be installed on the lakeside to reduce sedimentation in the entrance canal. A control

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building will be located on the landside of the water control structure. To maintain flows between Lake Okeechobee and the L-8 canal, a steel sheet pile canal (approximately 40-foot wide by 425-foot long) will be constructed to divert flow from the L-8 canal to a three-barrel bypass culvert. After installing a temporary lakeside earthen cofferdam, the bypass culvert will be constructed with 10-foot diameter High Density Polyethylene pipe and will be operated during the construction of the new water control structure. The 225-foot long bypass culvert will have a steel sheet pile headwall on the landside and steel pile supported gates on the lakeside. Bypass pumping of landside toe ditch water to the L-8 canal is included in this project. Work also includes the demolition and removal of two existing residential structures at the project site and clearing an electrical corridor.

Any additional water control structures/culvert construction activities including rehabilitation and repair activities for S-265 (KI-2), S-266 (KI-1), ~~S-271 (C-10A)~~, S-283 (FC-1), S-288 (HP-1), S-289 (HP-7), S-290 (IP-2), S-291 (IP-3), and S-292 (IP-1) for the Herbert Hoover Dike Rehabilitation and Repair- Culvert Replacement Project are authorized by this permit only upon the submittal of additional information and a modification to this permit.

#### **AUTHORIZATIONS:**

**Herbert Hoover Dike Rehabilitation and Repair - Culvert Replacement Project for: S-287 (HP-2), S-274 (C-12A), S-278 (C-2), 265 (KI-2), S-266 (KI-1), S-267 (C-6), S-271 (C-10A), S-283 (FC-1), S-288 (HP-1), S-289 (HP-7), S-290 (IP-2), S-291 (IP-3), and S-292 (IP-1).**

#### Environmental Resource Permit

The Department has determined that the activities for S-287 (HP-2), S-274 (C-12A), S-278 (C-2), ~~S-267 (C-6), S-271 (C-10A)~~ qualify 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 Chapters 62-330 and 62-343, Florida Administrative Code (F.A.C.).

#### State-owned Submerged Lands Authorization

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 activities for Culverts 2, 10A, and 12A qualify for and require a Letter of Consent. The proposed project activities for Culvert 12A are located within the described boundaries of Board of Trustees Easement No. IWE-29172 and CUL 003420; Board of Trustees Easement No. IWE-29086 dated October 22, 1940 for Culvert 10A; and Board of Trustees Easement No. IWE-29089 Dated October 22, 1940 and TFI Right-of-Way Easement 25390 to the SFWMD for Culvert 2. A letter of consent requiring that work performed pursuant to this permit be located within the boundaries described herein and with all necessary conditions, has been issued to the South Florida Water Management District as the local sponsor for Culvert 2 and Culvert 12A (File No. 0234604-021). A subsequent letter of consent ~~shall be~~ has been issued to the local sponsor, the South Florida Water Management District, for Culvert 10A (File No. 0234604-023).

#### **SPECIFIC CONDITIONS - PRIOR TO ANY CONSTRUCTION:**

1. **Addresses.** Reports and notices submitted to the Department in accordance with this permit, unless otherwise specified, shall be submitted to the Department's Office of Ecosystem Projects (OEP), 3900 Commonwealth Boulevard, MS 24, Tallahassee, Florida, 32399-3000, telephone number (850) 245-~~3166~~2228. Electronic copies of reports and notices required by this permit shall also be sent to RPPS\_Comp@dep.state.fl.us.
2. **Authorized Construction.** This permit authorizes construction activities for Culverts 2, 6, ~~10A~~, 12A, and HP-2 Replacement Project, as part of the Herbert Hoover Dike Rehabilitation and Repair Project, in accordance with the documentation submitted to the Department. Activities associated with the HP-2 culvert are only authorized for lands not owned by the Seminole Tribe of Florida. This permit may additionally authorize culvert construction activities including rehabilitation and repair activities for S-265 (KI-2), S-266 (KI-1), ~~S-271 (C-10A)~~, S-283 (FC-1), S-288 (HP-1), S-289 (HP-7), S-290 (IP-2), S-291 (IP-3), and S-292 (IP-1) for the Herbert Hoover Dike Rehabilitation and Repair- Culvert Replacement Project only upon the submittal of additional information and a

modification to this permit. Sixty (60) days prior to commencement of construction, the Permittee shall provide final plans and specifications for the subject culvert replacements to the Department for review and determination on whether there are any substantial deviations from the authorized construction. A copy of this permit will be kept on site at all times until construction is complete.

8. **Wetland Mitigation and Restoration.** This project will result in approximately ~~1.12-1.04~~ acres of permanent impacts to surface waters and ~~16.36-14.21~~ acres of temporary impacts to low quality wetlands and/or other surface waters. Mitigation will not be required for the S-274, S-278, S-267, S-266, S-265 S-283, S-288, S-287, S-289, S-292, S-290, and S-291 structures to offset this minimal impact as it is anticipated that the wetland areas will be restored through natural recruitment. For the S-271 structure, if natural recruitment is not successful, then planting may be required.

#### **SPECIFIC CONDITIONS – CONSTRUCTION ACTIVITIES:**

11. **Mixing Zone.** A 150 meter mixing zone around the construction work area of culverts is hereby conditionally authorized under this permit, until the mixing zone calculations and geotechnical data are submitted to the Department for review and the authorization of a mixing zone is approved. The mixing zone shall not exceed the permit expiration date, or within two weeks after all construction activities which may result in turbidity are completed, whichever is earlier, in accordance with Rule 62-4.242 and 62-4.244, F.A.C. A maximum of 29 nephelometric turbidity units (NTU) for turbidity above background shall not be exceeded beyond the 150 meter mixing zone in the Class I and Class III surface waters contained within the construction area. Notification of any non-compliance events shall be submitted electronically within 24 hours of such event to the address in Specific Condition No. 1. The Department may, as a result of any non-compliance event, require the Corps to perform flow and stage monitoring at the boundary or boundaries of the mixing zone. Compliance with the authorized mixing zone shall be reported in the quarterly reports required by Specific Condition No. ~~30~~13. The Department has approved and authorizes a 150 meter mixing zone for Culverts 2, 6, 10A, 12A, and HP-2.
13. **Turbidity Monitoring During Construction and Maintenance.** Effective means of turbidity control, such as, but not limited to, turbidity curtains shall be employed during all construction or maintenance activities that could result in project-generated turbidity levels beyond the work area that have the potential to be discharged to the receiving water body. Turbidity control measures shall be in accordance with Specific Condition No. ~~43~~10 and best management practices contained in the Erosion Control Plan, Storm Water Pollution Prevention Plan (SWPPP) or Environmental Protection Plan (EPP) referenced in Specific Condition No. 6.

#### **Turbidity Standard**

- A. Turbidity shall not exceed 29 Nephelometric Turbidity Units (NTUs) above background in Class I and Class III receiving waters.

#### **Sampling Protocols**

- B. Sampling and analyses shall be performed as required by Chapter 62-160, F.A.C. (FDEP Standard Operating Procedures (FDEP-SOP), located at <http://www.dep.state.fl.us/water/sas/sop/sops.htm>). Field turbidity monitoring equipment and personnel trained to use it shall be available on site at all times during construction or maintenance activities that could result in project-generated turbidity levels beyond the work area that have the potential to be discharged to the receiving water body.
- C. During construction or maintenance activities, the Permittee shall monitor turbidity levels at a minimum of twice daily, with samples taken at least once every four hours during all operations, at the following locations:
- i) Background Sample(s): One background sample station, at least 30.5 meters (100 feet) upstream of each construction or maintenance work area, in the adjacent canal or water body, outside any visible plume

generated by the construction or maintenance activity; and clearly outside of the influence of construction activities.

- ii) Compliance Sample(s): One monitoring station located no greater than 150 meters (492 feet) downstream of the work site and within the densest portion of any visible turbidity plume.

D. For monitoring purposes, work areas are defined by the turbidity curtains.

E. If there are multiple work areas where construction is creating a visible turbidity plume, each construction activity shall be monitored separately.

#### **Turbidity Exceedance**

F. The following measures shall be taken whenever project-generated turbidity levels exceed the standard stated above in any receiving waters:

- i) Immediately cease all project activities contributing to elevated turbidity;
- ii) Notify the Department by phone and at [RPPS\\_Comp@dep.state.fl.us](mailto:RPPS_Comp@dep.state.fl.us) within 24 hours;
- iii) Identify the possible cause of the violation;
- iv) Modify work procedures that may have contributed to the violation such as installing additional turbidity or erosion protection devices, repairing any non-functional turbidity containment devices, stabilizing exposed soils, and checking calibration of the meter; and
- v) Work shall not resume until the activities can be conducted in compliance with the turbidity standards. Please provide notification to the Department at [RPPS\\_Comp@dep.state.fl.us](mailto:RPPS_Comp@dep.state.fl.us) when compliance is achieved. If compliance is achieved after normal business hours, then please notify the Department on the next consecutive business day.

#### **Monitoring Logs and Reports**

G. Turbidity monitoring results shall be compiled daily and summarized quarterly (every three calendar months) by project component beginning with the first calendar month in which construction or maintenance activities occur that could generate turbidity in receiving waters and continuing until all construction, dredging, stabilization and/or excavation is completed. Monitoring data with supporting documents shall be submitted to the Department quarterly, to the address identified in Specific Condition No. 1 or by email to the [RPPS\\_Comp@dep.state.fl.us](mailto:RPPS_Comp@dep.state.fl.us). If no construction activities occur that could generate turbidity and the project site has been stabilized, during the entire or a specific portion of the quarterly monitoring period, this shall be noted in the report and include information regarding continuation of monitoring.

H. Daily monitoring logs shall clearly identify the following information:

- i) Dates and time of sampling and analysis;
- ii) Name of individual collecting samples;
- iii) Identification of the specific instrument unit(s) used for sample collection and analysis, include brand and model.
- iv) Measurement value and reporting units;
- v) Water depth;
- vi) Depth of sample;
- vii) Weather conditions;
- viii) Water level stage in the canal or water body and direction of flow;
- ix) Clear description of project component activities taking place at the time of sampling that may have contributed to turbidity;

I. Quarterly reports shall include the following information:

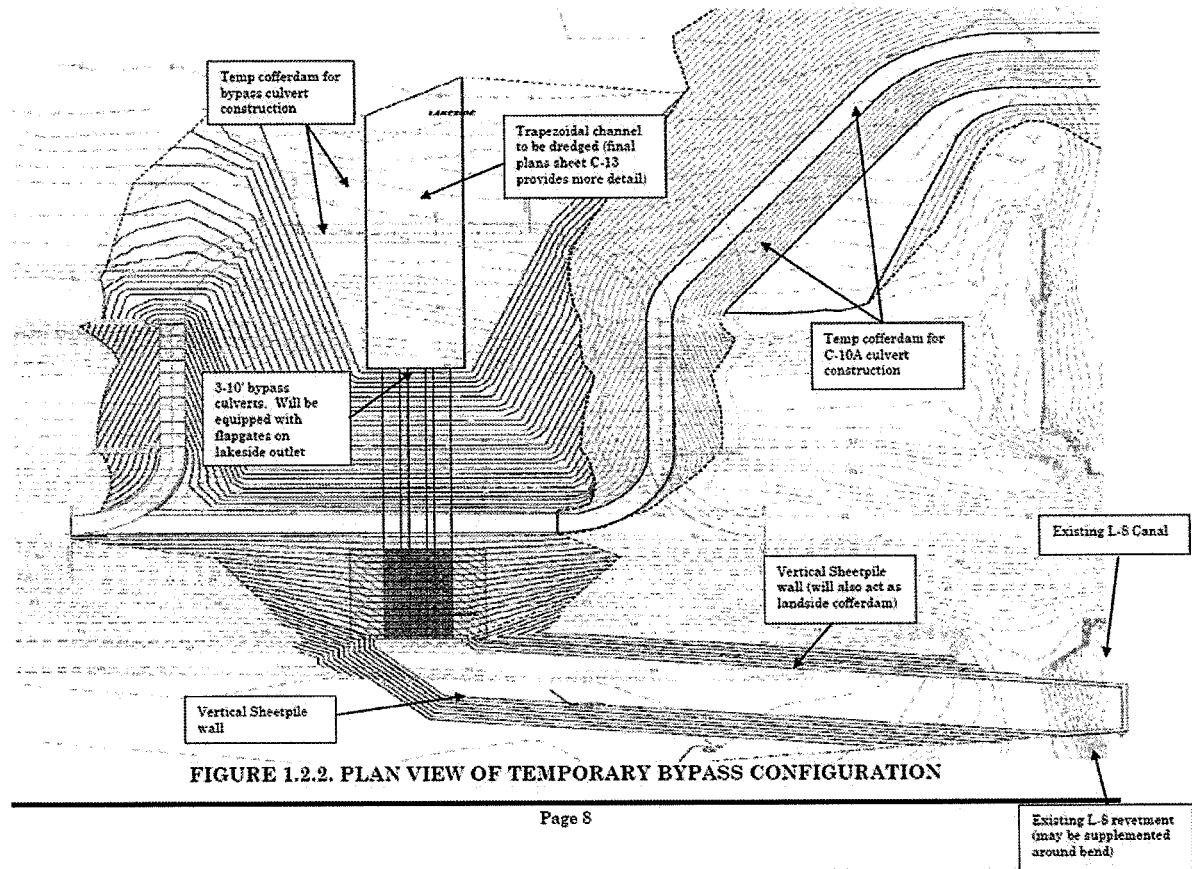
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- i) Project name and current permit number;
  - ii) Summary of construction activities that have taken place (e.g., construction progress meeting minutes, SWPPP Inspection Reports, or other relevant information may be submitted to fulfill this requirement);
  - iii) Statement describing the methods used in collection, handling, storage, and analysis of the samples;
  - iv) Statement by the individual responsible for implementation of the sampling program concerning the authenticity, precision, limits of detection, and accuracy of the data;
  - v) Statement regarding sampling results, the net difference between compliance and background results, and whether the turbidity levels are in compliance;
  - vi) Summary of any significant compliance issues and how they were resolved;
  - vii) Statement which explains any gaps in sampling activity (e.g., contractor not onsite, work shut down due to weather conditions);
  - viii) Map indicating the sampling locations and construction activity taken place during the reporting period;
  - ix) Signature and statement of authenticity by a properly trained individual indicating that the instrument meets the outlined specifications and has been calibrated.
- J. If no construction or maintenance activity occurs that could contribute to turbidity generation in receiving waters and the project site(s) are stabilized such that a rain event will not generate turbidity in receiving waters during the entire quarterly monitoring period(s), the Permittee may submit a written statement to the RPPS\_Comp@dep.state.fl.us in lieu of a quarterly report.

#### **SPECIFIC CONDITIONS – POST-CONSTRUCTION / OPERATIONAL ACTIVITIES:**

20. **Future Phases.** This permit does not authorize any construction or operation activities associated with future phases of the Herbert Hoover Dike Rehabilitation and Repair Project, including S-265, S-266, ~~S-271~~, S-283, S-288, S-289, S-290, S-291 and S-292. Future phases shall require separate review and approval by the Department and, if approved, will be authorized by modification of this permit.

**Attachment 6, Figure 4. Plan View of the Temporary Bypass Culvert for S-271 (C-10A)**



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## 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 e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; 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 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 the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes 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 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-

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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.

#### FLWAC Review

The applicant, or any party within the meaning of Sections 373.114(1)(a) or 373.4275, F.S., may seek appellate review of this order before the Land and Water Adjudicatory Commission under Sections 373.114(1) or 373.4275, F.S., to determine if the order is consistent with the provisions and purposes of Chapter 373, F.S. Requests for review before the Land and Water Adjudicatory Commission must be filed in accordance with Section 373.114, F.S., and Chapter 42-2, F.A.C., and served on the Department and on any person named in the order within 20 days after the 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.

The Department will not publish notice of this determination. Publication of this notice by you is optional and is not required for you to proceed. However, in the event that an administrative hearing is held and the Department's determination is reversed, proceeding with the proposed activity before the time period for requesting an administrative hearing has expired would mean that the activity was conducted without the required authorization.

If you wish to limit the time within which all substantially affected persons may request an administrative hearing, you may elect to publish, at your own expense, the enclosed notice (Attachment 1) in the legal advertisement section of a newspaper of general circulation in the county where the activity is to take place. A single publication will suffice.

For the purposes of publication, a newspaper of general circulation means a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S. In the event you do publish this notice, within seven days of publication, you must provide to the following address proof of publication issued by the newspaper as provided in Section 50.051, F.S. If you provide direct written notice to any person(s) as noted above, you must provide to the following address a copy of the direct written notice.

Attn: Tanja Hinton  
Florida Department of Environmental Protection  
Office of Ecosystem Projects  
3900 Commonwealth Blvd., MS 24  
Tallahassee, Florida, 32399

Please retain this letter for your files as it reflects final agency action barring any administrative hearings which rule otherwise. The activities may be inspected by authorized state personnel in the future to insure compliance with appropriate statutes and administrative codes. If the activities are not in compliance, you may be subject to penalties under Chapters 373, 403, 253, and 258, F.S., as applicable.

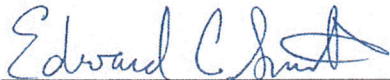
This modification letter does not alter the Permittee's need to comply with the permit's general and specific conditions, except as stated herein. This letter must be attached to the original permit.

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If you have any questions regarding this permit modification, please contact Tanja Hinton at (850) 245-2974 or electronically at [Tanja.Hinton@dep.state.fl.us](mailto:Tanja.Hinton@dep.state.fl.us). When referring to this permit, please use the file number indicated above.

Executed in Tallahassee, Florida.

**STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION**




Edward C. Smith, Director  
Office of Ecosystem Projects

ECS/jp/th

**Attachment:**  
Public Notice

**FILING AND ACKNOWLEDGMENT**

FILED, on this date, pursuant to Section 120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

 4/29/15  
Clerk Date

**Electronic copies furnished to:**

Eric Summa, USACE  
Gina Ralph, USACE  
Aaron Lassiter, USACE  
Timothy Willadsen, USACE  
Michael Rogalski, USACE  
[RPPS\\_Comp@dep.state.fl.us](mailto:RPPS_Comp@dep.state.fl.us)  
[DCPPermits@deo.myflorida.com](mailto:DCPPermits@deo.myflorida.com)  
[compliancepermits@dos.state.fl.us](mailto:compliancepermits@dos.state.fl.us)  
[FWCConservationPlanningServices@myfwc.com](mailto:FWCConservationPlanningServices@myfwc.com)  
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Ray Eubanks, FDEO  
Nirmala Jeyakumar, SFWMD  
Luis Colon, SFWMD  
Beth Lewis, SFWMD  
Joseph Albers, SFWMD  
Ray Scott, FDACS  
Rebecca Elliot, FDACS  
Ernie Marks, FWC  
Marissa Krueger, FWC  
Mary Duncan, FWC  
[verobeach@fws.gov](mailto:verobeach@fws.gov)

Daryl Thomas, USFWS  
Shelley Vana, Palm Beach County Commissioner  
Edward Smith, FDEP  
Frank Powell, FDEP  
Jordan Pugh, FDEP  
Deinna Nicholson, FDEP  
Paul Julian, FDEP  
Stanley Ganthier, FDEP  
Jerilyn Ashworth, FDEP  
Chad Kennedy, FDEP  
Kelli Edson, FDEP  
Kristine Morris, FDEP  
Brian Dougherty, FDEP  
William Rueckert, FDEP  
Art Sengupta, FDEP  
Dee Ann Miller, FDEP  
Lauren Engel, FDEP  
Samantha Browne, FDEP  
Marsha Rickman, FDEP  
Tom Butler, FDEP  
Greg Kaufman, FDEP