



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
MIAMI REGULATORY OFFICE
9900 SOUTHWEST 107th Ave, SUITE 203
MIAMI, FLORIDA 33176

Regulatory Division
South Permits Branch
Miami Regulatory Office
SAJ-2004-06642(NW-AG)

JUL 20 2011

City of Miami
c/o Johnny Martinez, City Manager
3500 Pan American Drive
Miami, FL 33133

Dear Mr. Martinez:

Your application for a Department of the Army permit received on November 19, 2008, has been assigned number SAJ-2004-06642. A review of the information and drawings provided shows the application is requesting authorization for the installation of temporary structures associated with the authorized Wagner Creek and Seybold Dredge project. Specifically this project involves that installation of a manatee barrier near the NW 15th Street bridge location and a turbidity air curtain across the mouth of the Seybold Canal. The proposed manatee barrier will be constructed of standard chain link fencing and concrete block anchors with bottom sections to match the contour of the sediment water interface as well as shoreline contours up to 1 foot above the High/High water line. The base of the barrier shall be secured using approximately 10 cubic yards of 12" riprap boulders to prevent manatee entrapment or entanglement. The air curtain will be installed at the mouth of the Seybold Canal and will consist of a submerged pipe running the width of the waterway. Said pipe will be anchored along the bottom with either steel or concrete ballast. Upon completion of the work associated with the operational sections the above mentioned structure will be removed from Waters of the U.S. and all fill associated with these temporary structure will be disposed of at an upland location.

The project is located in the City of Miami, Miami-Dade County, Florida and is situated along a 1.7 mile tributary to the Miami River. This tributary has two sections: Wagner Creek and Seybold Canal. Wagner Creek and the northern two thirds of the Seybold canal are located in Section 35, Township 53 south, Range 41 east, and the southern one-third of Seybold Canal is located in Section 2, Township 54 south, and Range 41 east.

Your project, as depicted on the enclosed drawings, date stamped by the U.S. Army Corps of Engineers on 19 July 2011, is authorized by Nationwide Permit (NWP) Number 33. In addition, project specific conditions have been enclosed. This verification is valid until **March 18, 2012**. Please access the U.S. Army Corps of Engineers' (Corps) Jacksonville District's

Regulatory web to access web links to view the Final Nationwide Permits, Federal Register Vol. 72, dated March 12, 2007, the Corrections to the Final Nationwide Permits, Federal Register 72, May 8, 2007, and the List of Regional Conditions. Our website address is as follows:

<http://www.saj.usace.army.mil/Divisions/Regulatory/sourcebook.htm>.

These files contain the description of the Nationwide Permit authorization, the Nationwide Permit general conditions, and the regional conditions, which apply specifically to this verification for NWP. Additionally, enclosed is a list of the six General Conditions, which apply to all Department of the Army authorizations. You must comply with all of the special and general conditions and any project specific condition of this authorization or you may be subject to enforcement action. In the event you have not completed construction of your project within the specified time limit, a separate application or re-verification may be required.

The following special conditions are included with this verification:

1. Within 30 days of completion of the authorized work or at the expiration of the construction window of this permit, whichever occurs first, the Permittee shall complete the attached "Self-Certification Statement of Compliance" form (Attached) and submit to the Corps. In the event that the completed work deviates, in any manner, from the authorized work, the Permittee shall describe, on the Self-Certification Form, the deviations between the work authorized by the permit and the work as constructed. Please note that the description of any deviations on the Self-Certification Form does not constitute approval of any deviations by the Corps.

2. The Permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structures or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the Permittee will be required, upon due notice from the U.S. Army Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

3. Within 10 days from the date of initiating the authorized work, the Permittee shall provide to the Corps a written notification of the date of commencement of work authorized by this permit.

4. Should any other regulatory agency require changes to the work authorized or obligated by this permit, the Permittee is advised that a re-verification of the revised work is required prior to initiation of those changes. It is the Permittee's responsibility to request a modification of this proposed work from the Miami Regulatory Office.

5. Environmental controls and best management practices must be implemented to prevent any materials related to construction activities from entering the surrounding water. Any material removed as well as material applied to accomplish the project must be contained so as to prevent fugitive particulates and/or discharge to surface waters.

6. The Permittee shall use only clean fill material for this project. The fill material shall be free from items such as trash, debris, automotive parts, asphalt, construction materials, concrete block with exposed reinforcement bars, and soils contaminated with any toxic substance, in toxic amounts in accordance with Section 307 of the Clean Water Act.

7. The permittee shall ensure that no fill, clean or otherwise, storage of construction materials, equipment, or debris shall be placed outside the footprint of the authorized fill. The proposed riprap boulders shall be limited to the minimum amount needed at the base of the proposed manatee barrier.

8. The Permittee agrees to abide by the enclosed standard construction conditions designed to protect the endangered West Indian manatee.

9. The Permittee agrees to abide by the Final Manatee Protection plan developed for this project, dated December 10, 2010, during all phases of the project (copy attached)

10. The Permittee must comply with National Marine Fisheries Service's "Sea Turtle and Smalltooth Sawfish Construction Conditions" dated March 23, 2006, attached to this permit.

11. All temporary structures authorized by this permit shall be removed within 7 days of completion of the dredging activities at the associated operational sections.

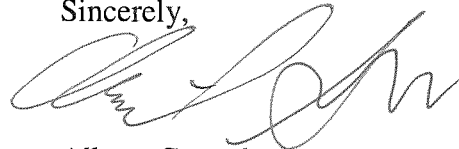
This letter does not give absolute Federal authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions mandated by the National Flood Insurance Program. You should contact your local office that issues building permits to determine if your site is located in a flood-prone area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program.

This letter of authorization does not obviate the necessity to obtain any other Federal, State, or local permits, which may be required.

If you are unable to access the internet or require a hardcopy of any of the conditions, limitations, or expiration date for the above referenced NWP, please contact Albert Gonzalez by telephone at 305-779-6055.

Thank you for your cooperation with our permit program. The Corps Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our duty in a friendly and timely manner while working to preserve our environment. We invite you to take a few minutes to visit the following link and complete our automated Customer Service Survey: <http://per2.nwp.usace.army.mil/survey.html>. Your input is appreciated – favorable or otherwise.

Sincerely,



Albert Gonzalez
Project Manager

Enclosures:

General Conditions

Self Certification Statement of Compliance

Project Drawings

Transfer Form

Final Manatee Protection Plan dated December 15, 2010

Copies Furnished:

CH2MHILL

c/o Thomas McSweeney

CESAJ-PE

GENERAL CONDITIONS

33 CFR PART 320-330

PUBLISHED FEDERAL REGISTER DATED 13 NOVEMBER 1986

1. The time limit for completing the work authorized ends on **date identified in the letter**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow a representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

SELF-CERTIFICATION STATEMENT OF COMPLIANCE

Permit Number: NW-33
Application Number: SAJ-2004-06642

Permittee's Name & Address (please print or type): _____

Telephone Number: _____

Location of the Work: _____

Date Work Started: _____ Date Work Completed: _____

Description of the Work (e.g., bank stabilization, residential or commercial filling, docks, dredging, etc.): _____

Acreage or Square Feet of Impacts to Waters of the United States:

Describe Mitigation completed (if applicable): _____

Describe any Deviations from Permit (attach drawing(s) depicting the deviations):

I certify that all work, and mitigation (if applicable) was done in accordance with the limitations and conditions as described in the permit. Any deviations as described above are depicted on the attached drawing(s).

Signature of Permittee

Date

DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST

PERMIT NUMBER: SAJ-2004-06642

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. Although the construction period for works authorized by Department of the Army permits is finite, the permit itself, with its limitations, does not expire.

To validate the transfer of this permit and the associated responsibilities associated with compliance with its terms and conditions, have the transferee sign and date below and mail to the U.S. Army Corps of Engineers, Enforcement Branch, Post Office Box 4970, Jacksonville, FL 32232-0019.

(TRANSFEREE-SIGNATURE)

(SUBDIVISION)

(DATE)

(LOT) (BLOCK)

(NAME-PRINTED)

(STREET ADDRESS)

(MAILING ADDRESS)

(CITY, STATE, ZIP CODE)

MANATEE BARRIER CONFIGURATION
 WAGNER CREEK / SEYBOLD CANAL
 DADE COUNTY, FLORIDA

US ARMY
 CORPS OF ENGINEERS

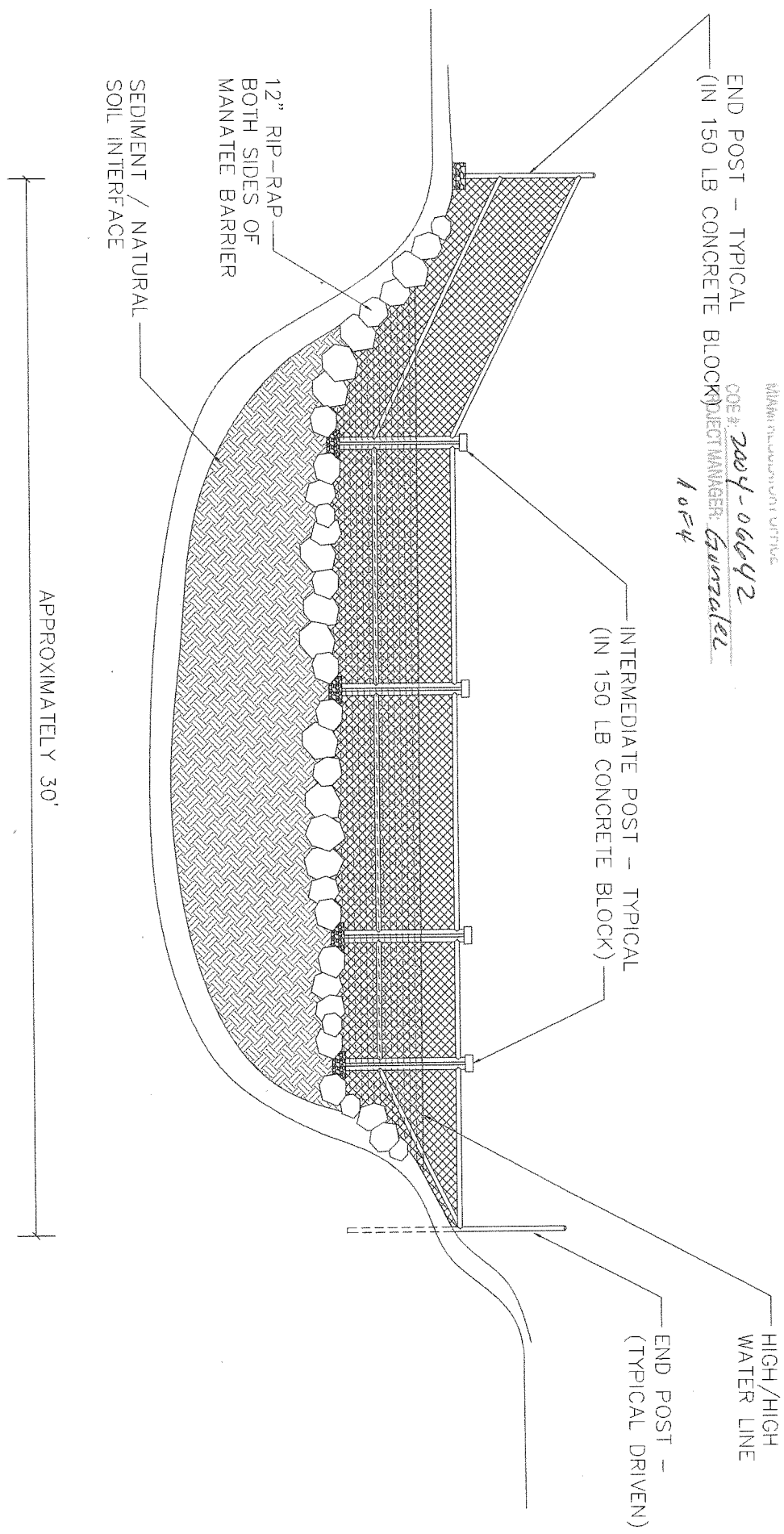
JUL 19 2011

MIAMI DISTRICT OFFICE

END POST - TYPICAL
 (IN 150 LB CONCRETE BLOCK)
 COE # 2004-06642
 PROJECT MANAGER: Guozzale
1054

INTERMEDIATE POST - TYPICAL
 (IN 150 LB CONCRETE BLOCK)

HIGH/HIGH
 WATER LINE
 END POST -
 (TYPICAL DRIVEN)



12" RIP-RAP
 BOTH SIDES OF
 MANATEE BARRIER

SEDIMENT / NATURAL
 SOIL INTERFACE

APPROXIMATELY 30'

NOTES:

1. INSTALLED AT LEAST 50 FT. DOWNSTREAM OF LAST TURBIDITY BARRIER.
2. MUST BE INSPECTED, CLEANED OF ALL TRASH AND REPAIRED DAILY.
3. STANDARD CHAIN LINK FENCING WITH BOTTOM SECTIONS THAT MATCH THE CONTOUR AT THE SEDIMENT WATER INTERFACES AS WELL AS SHORELINE CONTOURS UP TO AT LEAST 1 FT. ABOVE THE HIGH/HIGH WATER LINE. BOTTOM SECTIONS SHALL BE SECURED WITH RIP-RAP TO BOULDERS OR SIMILAR MATERIALS ON BOTH SIDE OF THE BARRIER TO PREVENT MANATEE ENTANGLEMENT OR ENTRAPMENT.
4. THE MANATEE BARRIER SHALL BE MONITORED AT LEAST ONCE IN THE MORNING FOR MANATEE ENTANGLEMENT OR ENTRAPMENT, AND TO INSURE THERE ARE NO ACCESS POINTS FOR MANATEES INTO THE WORK AREA ALONG BOTTOM, SIDES OR OVER THE TOP OF THE BARRIER. IF A MANATEE BECOMES ENTANGLED IN THE MANATEE BARRIER, THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION SHOULD BE NOTIFIED IMMEDIATELY AT 1-800-404-FWCC.
5. AREA NORTH OF MANATEE BARRIER TO BE INSPECTED EACH DAY PRIOR TO INSTALLATION TO INSURE NO MANATEES ARE TRAPPED NORTH OF THE BARRIER. IF A MANATEE BECOMES ENTRAPPED NORTH OF THE MANATEE BARRIER IN THE CONSTRUCTION AREA THE BARRIER SHALL BE OPENED SO THE MANATEE IS ABLE TO LEAVE THE CONSTRUCTION AREA ON IT OWN VOLITION.
6. REGULATORS TO BE NOTIFIED IF MANATEE IS SIGHTED NORTH OF MANATEE BARRIER.
7. RIP-RAP TO BE LOCATED ON BOTH SIDES OF THE MANATEE BARRIER.
8. APPROXIMATE VOLUME OF RIP-RAP IS 30FT. x 1FT. x 1FT. = 10CY.
9. REMOVE MANATEE BARRIER AND RIP-RAP UPON COMPLETION OF DREDGING.

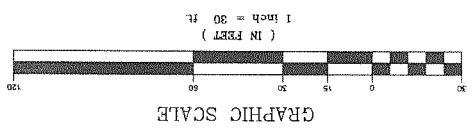
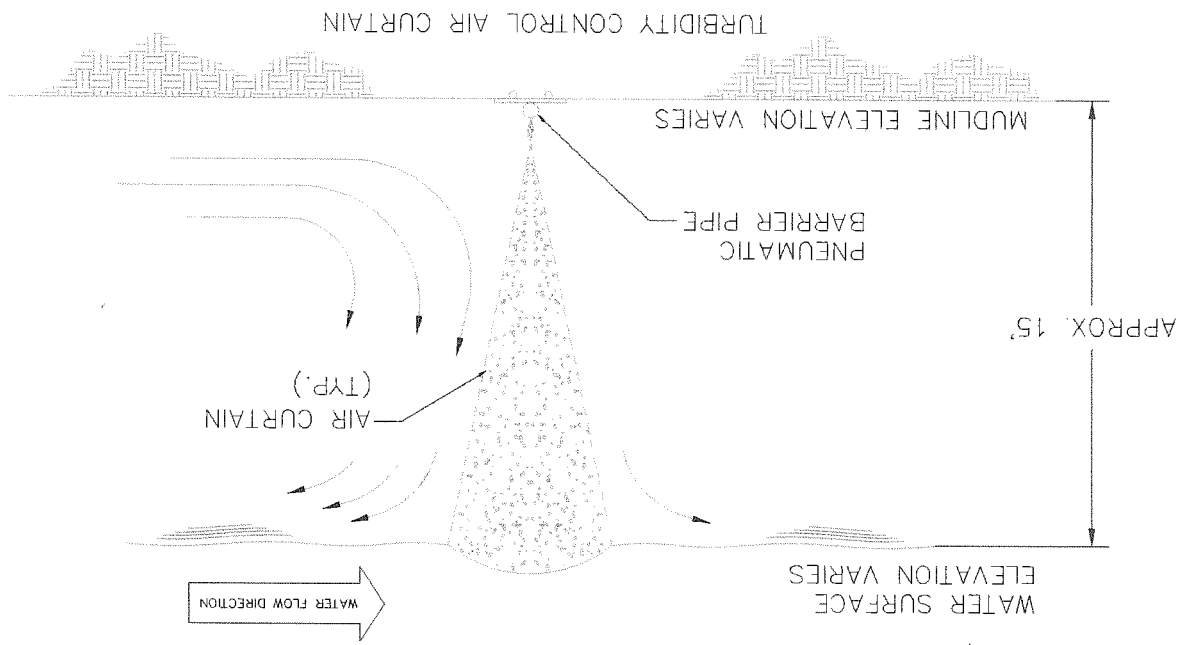
07-10-07			
C-08-29			
SHEET 11 OF 16			

US ARMY
CORPS OF ENGINEERS
JUL 19 2011
MILWAUKEE DISTRICT OFFICE
COE # 2004-6642
PROJECT MANAGER: Constance
2004

07-10-07																				
C-08-29																				
SHEET 10 of 16																				

SECTION 1
SCALE: NONE
THIS DWG.

- AIR CURTAIN NOTES:
1. AIR DISTRIBUTION SYSTEM WILL BE CONSTRUCTED USING AN ELECTRICALLY POWERED AIR COMPRESSOR (COMPRESSOR SPECIFICATION AND FOUNDATION SUPPORT ONLY), CONTROL VALVE MANIFOLD ASSEMBLY, DELIVERY PIPING, SUBMERGED MANIFOLD PIPING, AND SUBMERGED MANIFOLD BALLAST.
 2. SUBMERGED MANIFOLD BALLAST IS TO BE WEIGHTED DOWN USING STEEL OR CONCRETE.



3054
 COE # 2004-6642
 PROJECT MANAGER: Gonzalez
 MIAH REGISTRATION OFFICE
 JUL 19 2011
 US ARMY
 CORPS OF ENGINEERS

ONFIGURATION
 OLD CANAL BEDDING
 FLORIDA

