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Regulatory and Economic Resources
Environmental Resources Management
701 NW 1st Court, 6th Floor
Miami, Florida 33136-3912
T 305-372-6567 F 305-372-6407

November 22, 2021

RE: Miami-Dade County Class II Permit No. 20210019: located at NW 58 STREET (FROM NW 79 AVE TO SR 826) DORAL, FL 00000-

Dear Ms. STEPHANIE BORTZ,CFM:

Enclosed is a copy of Class II Permit No. 20210019, pursuant to the provisions of Section 24-48 of the Miami-Dade County code. Please call or notify this office no later than forty eight(48) hours and no earlier than five(5) days prior to the commencement of work authorized by this permit, by submitting the attached Notice of Commencement of Construction via U.S. Mail, or by email dermwatercontrol@miamidade.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "R. Istambouli".

Rashid Z. Istambouli, P.E.,
Senior Division Chief
Division of Environmental Resources Management

Enclosure





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NOTICE OF COMMENCEMENT OF CONSTRUCTION

Permit Number: CLII - 20210019

Issue Date: November 22, 2021

Expiration Date: November 22, 2023

Project Name: NW 58 STREET CANAL OUTFALL IMPROVEMENTS

Location: NW 58 STREET (FROM NW 79 AVE TO SR 826) DORAL, FL 00000-

Permittee: Ms. STEPHANIE BORTZ,CFM
CITY OF DORAL PUBLIC WORKS DEPARTMENT

Professional Engineer: HERMAN TIRADO, P.E.
EAC CONSULTING, INC

MUST BE FILLED IN BY PERMITTEE OR CONTRACTOR:

START DATE: _____

DATE OF COMPLETION : _____





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Class II Drainage Construction Permit

Permit Number: CLII-20210019
Project Manager: MARIE HALL

Issue Date: 11/22/2021
Expiration Date: 11/22/2023

Permittee:

CITY OF DORAL PUBLIC WORKS DEPARTMENT
 Ms. STEPHANIE BORTZ, CFM
 8401 NW 53 TERRACE
 DORAL, FL 33166-

Professional Engineer:

EAC CONSULTING, INC
 HERMAN TIRADO, P.E.
 5959 BLUE LAGOON DRIVE, SUITE 410
 MIAMI, FL 33126-

Application Name: NW 58 STREET CANAL OUTFALL IMPROVEMENTS

Project Location: NW 58 STREET (FROM NW 79 AVE TO SR 826) DORAL, FL 00000-

Project Description:

The proposed project is for the drainage improvements to serve the City of Doral known as NW 58th Street Canal Outfall Improvement. The drainage improvement is intended to alleviate flood levels of service for existing low-lying industrial and neighborhood (Sub-Basin H-8 of Basin H-5 in the City's Doral Master Plan). The drainage improvements consist of an interconnection to the existing stormwater exfiltration system and installation of a new 48-inch outfall that discharges into the NW 58th St Canal.

Based on the information provided, the Department has determined that the project is consistent with Chapter 24-48 of the Code of Miami Dade County.

Specific Conditions:

1. Any deviation of the final site plan from the above conditions will require an approval from the DERM Water Control Section.
2. By issuance of this permit, Miami-Dade County does not purport to convey, lessen or diminish any existing canal right-of-way, canal maintenance easement, canal reservation or flow rights. Furthermore, Miami-Dade County reserves the right to revoke this permit at any time if deemed necessary.

THE ABOVE NAMED PERMITTEE IS HEREBY AUTHORIZED TO PERFORM THE WORK SHOWN ON THE APPLICATION AND APPROVED DRAWINGS, PLANS, AND OTHER DOCUMENTS ATTACHED HERETO OR ON FILE WITH THE DEPARTMENT AND MADE PART HEREOF, SUBJECT TO THE ATTACHED GENERAL AND SPECIAL CONDITIONS.

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 DURING ALL PHASES OF CONSTRUCTION



3. Permittee shall install floating turbidity barriers in the canal prior to the construction activities.
4. The contractor shall take necessary the measures to prevent oil, grease and debris from entering the canal. Turbidity levels in the canal should be kept within acceptable limits and at any time shall not exceed 29 NTUs within the 50 foot radius of the work place.
5. DERM Class V Permit will be required for any temporary or emergency dewatering activities during the construction of the proposed project.
6. The contractor shall be responsible to execute all the Best Management Practices (BMP's) for stormwater erosion and sedimentation control during construction of this project in compliance with the state NPDES requirements.
7. The applicant is advised that permit s from the Army Corps of Engineers, the Florida Department of Environmental Protection and South Florida Water Management District may be required for the proposed project. It is the applicant's responsibility to contact these agencies.

General Conditions:

8. DERM shall be notified no later than forty-eight (48) hours and no earlier than five (5) days prior to the commencement of the work authorized by this permit, unless otherwise noted herein. The permittee and/or contractor may notify DERM by calling (305) 372-6681 or by submitting the attached Notice of Commencement of Construction via hand delivery, U.S. Mail, or facsimile at (305) 372-6489.
9. This permit or a copy thereof, complete with all conditions, attachments, exhibits and modifications shall be kept at the work site of the permitted activity. The complete permit shall be available for review at the work site upon request by DERM staff. The permittee shall require the contractor to review the complete permit prior to the commencement of the activity authorized by this permit.
10. All of the plans and documents referenced on page 1 of this permit are part of the conditions of this permit. In the case of a conflict between any of the approved plans and any condition of this permit, a determination as to which plan or condition to be followed will be made by DERM.
11. This permit only authorizes the grading and drainage work summarized in page 1 of this permit. Any additional work not shown in this permit or on the approved plans shall require additional Class II permit approval.
12. This Class II Permit does not authorize any dewatering activities on the subject property. A separate Class V Permit from the Department, (305) 372-6681, is required for this activity.
13. The time allotted to complete the work for which this permit has been issued shall be limited to the period stipulated on the permit unless the permittee requests an extension of time from DERM. The time extension request form must be submitted at least thirty (30) calendar days prior to the time of expiration of the time period set forth in the permit or in a prior extension of time. Applications for extensions of time that are not timely filed pursuant to Section 24-48.9(2)(b) of the Code of Miami-Dade County will be returned to the applicant.
14. The permittee must allow DERM representatives to inspect the authorized activity during normal business hours to ensure that the work authorized through this permit is being, or has been accomplished in accordance with the terms and conditions of this permit.
15. Compliance with Chapter 24 of the Code of Miami-Dade County as well as all General and Specific Conditions contained in this permit, is required. If DERM determines that the permittee and/or contractor is not performing the construction in accordance with the conditions of the permit, the Code, or the approved plans upon which the permit was issued, DERM may order suspension of the permit or the stopping of work until such time as the permittee and/or the contractor has complied with the permit,

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plans or standards. In such case, the permittee or the contractor or both shall take all necessary precautions to leave the work area in a safe and secure condition.

16. If any contamination is encountered on site during construction, the contractor shall immediately cease all subsurface disturbances and notify the Department by calling (305) 372-6955, (305) 372-6700, or (305) 372-6681.
17. The permittee shall be responsible for establishing adequate measures and engineering controls during construction to ensure compliance with the water quality standards stipulated in Section 24-42(3) of the Code of Miami-Dade County.
18. The permittee shall apply sediment and erosion control measures along the perimeter of the construction site to protect the adjacent properties from sediment and turbidity discharge and erosion damage.
19. Turbidity may not exceed twenty-nine (29) Nephelometric Turbidity Units (NTU's) above background within surrounding surface waters, and within Outstanding Florida Waters, the standards is no degradation above background levels. If the turbidity levels exceed the above standard, all construction activity shall stop and additional turbidity controls shall be implemented. The construction activity shall not resume until the contractor has received authorization from DERM. At DERM's discretion, turbidity samples may be required and shall be collected in accordance with Section 24-44.2(3) of the Code of Miami-Dade County, or as specified by DERM, and the results sent directly to the review engineer.
20. The permittee shall hold and save Miami-Dade County harmless from any and all damages, claims, or liabilities which may arise by reason of the construction, alteration, operations, maintenance, removal, abandonment or use of any system authorized by this permit.
21. The permittee shall take all necessary precautions to prevent construction or demolition debris from falling into adjacent water bodies or wetlands. Any debris that falls into the adjacent water bodies or wetlands shall be removed immediately via a methodology approved by DERM. Construction and demolition debris shall be disposed of in accordance with all Federal, State and Local regulations.
22. Any water body affected by the construction activity should be restored to its pre-existing condition prior to the commencement of the work covered by this permit. The permittee shall also be responsible for ensuring complete removal of accumulated sediments, turbidity curtains, and other devices in a water body that would reduce its conveyance or storage capacity. The permittee is responsible in securing any permits required for this restoration work.
23. The permittee shall comply with the provisions of Chapter 16A of the Code of Miami-Dade County related to Historic Preservation to preserve known and potential archeological resources in the area that are subject to this permit.
24. A NPDES (National Pollutant Discharge Elimination System) Stormwater Permit may be required as per Rule 62-621.300(4), F.A.C. for the proposed construction activity. Please contact the Florida Department of Environmental Protection NPDES Stormwater Section at (850) 245-7522 or www.dep.state.fl.us/water/stormwater/NPDES.
25. If any work or activity associated with this project is to take place in-water:

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a. All personnel associated with the project shall be instructed about the presence of manatees and manatee speed zones, and the need to avoid collisions with and injury to manatees. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act, the Endangered Species Act, and the Florida Manatee Sanctuary Act.

b. All vessels associated with the construction project shall operate at "Idle Speed/No Wake" at all times while in the immediate area and while in water where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.

c. Siltation or turbidity barriers shall be made of material in which manatees cannot become entangled, shall be properly secured, and shall be regularly monitored to avoid manatee entanglement or entrapment. Barriers must not impede manatee movement.

d. All on-site project personnel are responsible for observing water-related activities for the presence of manatee(s). All in-water operations, including vessels, must be shutdown if a manatee(s) comes within 50 feet of the operation. Activities will not resume until the manatee(s) has moved beyond the 50-foot radius of the project operation, or until 30 minutes elapses if the manatee(s) has not reappeared within 50 feet of the operation. Animals must not be herded away or harassed into leaving.

e. Any collision with or injury to a manatee shall be reported immediately to the FWC Hotline at 1-888-404-3922 and RER at 305.372.6452. Collision and/or injury should also be reported to the U.S. Fish and Wildlife Service (1-772-562-3909) for south Florida, and to FWC at ImperiledSpecies@myFWC.com

f. Temporary signs concerning manatees shall be posted prior to and during all in-water project activities. All signs are to be removed by the permittee upon completion of the project. Temporary signs that have already been approved for this use by the Florida Fish and Wildlife Conservation Commission (FWC) must be used (see MyFWC.com/manatee). One sign which reads Caution: Boaters must be posted. A second sign measuring at least 8 1/2" by 11" explaining the requirements for "Idle Speed/No Wake" and the shut down of in-water operations must be posted in a location prominently visible to all personnel engaged in water-related activities. Questions concerning these signs can be sent to the email address listed above.

26. All work authorized by this permit shall be performed by the contractor and/or subcontractor holding an applicable certificate of competency and shall be licensed in Miami-Dade County to perform such work. Any work that is subcontracted shall require that the permittee and contractor (i.e. the contractor listed on this permit) notify the review engineer at (305) 372-6681 or by facsimile at (305) 372-6489 a minimum of seventy-two hours prior to the subcontractor performing any work. Notification shall include the name of the subcontractor performing the work, the subcontractor's Miami-Dade County license number or state general contractor license number and scope of work.
27. It is a violation of the Code to perform any work authorized pursuant to this permit if the permittee(s) sell or otherwise transfer ownership of the property unless DERM has approved an Application for Transfer. An Application for Transfer may be filed with DERM at any time prior to the transfer of property ownership and, for a limited time, after the transfer of property ownership and must be signed by both the proposed transferee and transferor. Applications for Transfer shall be filed in the form prescribed by DERM and shall not be processed if the filed Application for Transfer is not fully complete in all respects pursuant to Section 24-48.18 of the Code within 120 days of the date of transfer of property ownership. The project must be in compliance with all the restrictions, limitations, and conditions of this permit at the time of submittal of the Application for Transfer and continuously throughout the time period during which the application is being processed.
28. A performance and/or mitigation bond may be held to ensure compliance with the

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aforementioned conditions and the completion of any required mitigation. Failure to comply with any of these conditions may result in the revocation by Miami-Dade County of all or a portion of the bond without further notice. The bond shall remain in force for up to six (6) months after the approved completion date if the work covered by the bond.

29. If the engineer who provided certification pursuant to Section 24-48.2(I)(B)(2) of the code or pursuant to Section 24-48.2(II)(A)(4) of the code is discharged by the property owner or his agent, or if said engineer ceases to work on the proposed or approved work, all work allowed by this permit shall immediately cease and shall not be resumed until a new engineer is obtained. The property owner shall also be required to obtain a new engineer who shall meet all the requirements of this permit.
30. Issuance of a this permit does not relieve the applicant from obtaining all required federal, State and local permits.
31. Within thirty (30) days after completion of the work, the permittee or contractor shall file record drawings or as-builts certified by the engineer of record with DERM.
32. FOR CONSTRUCTION ACTIVITIES THAT DISTURB ONE (1) ACRE OR GREATER, A NPDES GENERIC PERMIT IS REQUIRED. To apply for this permit call FDEP Stormwater Program: (850) 245-7522 or visit Florida DEP NPDES website at: <http://www.floridadep.gov/water/stormwater/content/construction-activity-cgp>
33. The permittee shall retain a copy of the stormwater pollution prevention plan (SWPP) and all reports, records and documentation required by this permit at the construction site, or an appropriate alternative location as specified in the Notice of Intent (NOI), from the date of project initiation to the date of final stabilization . Please refer to DEP Document No. 62-621.3000 (4) (a): <http://www.dep.state.fl.us/water/stormwater/npdes/docs/cgp.pdf>

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*A new online system called Interactive Notice of Intent (iNOI) is now available to the public. Applicants that use iNOI can complete, save, edit, pay for (using a credit card) and submit NPDES Stormwater applications online. The use of iNOI is encouraged but voluntary. Applicants can still submit paper notices. iNOI is available at <http://www.fldepportal.com/go>

5. If you complete a paper NOI, submit it along with the application fee, as indicated below, to the NPDES Stormwater Notices Center. Authorization is usually granted 48 hours after the date the complete NOI is post-marked to the Notices Center.

The fee is required by Rule 62-4.050(4)(d), F.A.C.. Make checks payable to the Florida Department of Environmental Protection.

Large Construction (disturbs 5 or more acres of land) is \$400.

Small Construction (disturbs between 1 and 5 acres) is \$250.

6. Re-apply for coverage every five years (if the construction activity extends beyond a 5-year period) or submit an NOT to terminate coverage.

Where Can I Find More Information?

DEP's Web site provides more information on program - coverage and requirements, useful Web links, and electronic - versions of the CGP, all regulations and forms cited herein, - and SWPPP guidance. In addition, the NPDES Stormwater - Notices Center provides hardcopies of permits and forms. -

NPDES Stormwater Program

Florida Department of Environmental Protection -
2600 Blair Stone Road, MS #3585 -
Tallahassee, FL 32399-2400 -
(850) 245-7522 -
Email NPDES-stormwater@floridadep.gov -

iNOI

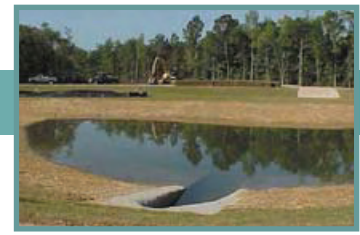
<http://www.fldepportal.com/go>
<https://floridadep.gov/water/stormwater>

Florida Department of Environmental Protection
NPDES Stormwater Program
2600 Blair Stone Road, MS # 3585
Tallahassee, FL 32399-2400

The Florida NPDES Stormwater Permitting Program for

Construction Activity





What is Florida's NPDES Stormwater Permitting Program for Construction Activity?

In October 2000, the U.S. Environmental Protection Agency (EPA) authorized the Florida Department of Environmental Protection (DEP) to implement the National Pollutant Discharge Elimination System (NPDES) stormwater permitting program in the State of Florida (with the exception of Indian Country lands). The program regulates point source discharges of stormwater runoff from certain construction sites and was developed by EPA in two phases: Phase I regulates "large" construction activity (disturbing 5 or more acres of total land area) and Phase II regulates "small" construction activity (disturbing between 1 and 5 acres of total land area).

The "operator" (i.e., the entity that owns or operates the project and has authority to ensure compliance) of regulated construction sites must obtain an NPDES stormwater permit and implement appropriate pollution prevention techniques to minimize erosion and sedimentation and properly manage stormwater. DEP adopted under Rule 62-621.300(4), F.A.C., the **Generic Permit for Stormwater Discharge from Large and Small Construction Activities (CGP)** (DEP Document 62-621.300(4)(a)) which is applicable to Phase I large construction and Phase II small construction.

It is important to note that the permit required under DEP's NPDES Stormwater permitting program is separate from the Environmental Resource Permit (ERP) required under Part IV, Chapter 373, F.S., a stormwater discharge permit required under Chapter 62-25, F.A.C., or any local government's stormwater discharge permit for construction activity.

Which Construction Activities Are Regulated Under The Program?

DEP's permitting program regulates construction activity that meets the following criteria:

- - Contributes stormwater discharges to surface waters of the State or into a municipal separate storm sewer system (MS4).
- - Disturbs one or more acres of land. Less than one acre also is included if the activity is part of a larger common plan of development or sale that will meet or exceed the one acre threshold. Disturbance includes clearing, grading and excavating.

What Does the CGP Require?

- A **CGP Notice of Intent (NOI)** (DEP Form 62-621.300(4)(b)) must be submitted to DEP.
- A **Stormwater Pollution Prevention Plan (SWPPP)**. In part, the plan must include the following:
 - A site evaluation of how and where pollutants may be mobilized by stormwater
 - A site plan for managing stormwater runoff,
 - Identification of appropriate erosion and sediment controls and stormwater best management practices (BMPs) to reduce erosion, sedimentation, and stormwater pollution,
 - A maintenance and inspection schedule,
 - A recordkeeping process, and
 - Identification of stormwater exit areas.
- A **Notice of Termination (NOT)** (DEP Form 62-621.300(6)) must be submitted to DEP to discontinue permit coverage. An NOT may be submitted only when the site meets the eligibility requirements for termination specified in the CGP.

What Are Some Examples of BMPs?

A comprehensive SWPPP includes both structural and non-structural controls. Some commonly used controls follow:

Structural Controls

- - **Retention Ponds.** Permanent structures designed to allow time for sediments to settle and water to infiltrate the ground.
- - **Temporary Sediment Basins.** Structures designed to detain sediment-laden runoff from disturbed areas long enough for sediments to settle out and control the release of stormwater.
- - **Entrance/Exit Controls.** Temporary controls, such as gravel, used to stabilize the entrances/exits to the site to reduce the amount of soils transported onto paved roads by vehicles (known as "track-out").
- - **Silt Fencing.** A temporary erosion and sediment control used to prevent dirt from entering waterways before bare soil is stabilized with vegetation.
- - **Berms.** A temporary erosion and sediment control that physically prevents polluted runoff from entering nearby storm drain inlets and waters.

Non-Structural Controls

- - **Stabilization.** Techniques such as sodding, seeding/mulching and stone cover, which reduce the erosion of exposed soils and steep grades.
- - **Phased Construction.** Scheduling construction to occur during the dry season or to minimize the amount of land cleared at any one time.
- - **Good Housekeeping.** Techniques such as oil and fuel containment, spill prevention and clean-up, and street sweeping of "tracked-out" soils, which help prevent the contamination of stormwater runoff.

How Do I Obtain Permit Coverage?

To obtain NPDES stormwater permit coverage, complete the following steps:

1. Obtain a copy of the CGP.
2. Carefully read the permit language.
3. Develop and implement a SWPPP.
4. Complete an NOI in its entirety online using the iNOI system * or by submitting a paper NOI.



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March 23, 2022

RE: Miami-Dade County Class III Permit No. 20210017: located at NW 58 STREET (FROM NW 79 AVE TO SR 826) DORAL, FL 00000-

Dear Ms. STEPHANIE BORTZ,CFM:

Enclosed is a copy of Class III Permit No. 20210017, pursuant to the provisions of Section 24-48 of the Miami-Dade County Code. Please call or notify this office no later than forty eight(48) hours and no earlier than five(5) days prior to the commencement of work authorized by this permit, by submitting the attached Notice of Commencement of Construction via U.S. Mail, or by email dermwatercontrol@miamidade.gov.

Sincerely,

A handwritten signature in blue ink, appearing to be "Rashid Z. Istambouli", written over a large, stylized blue "D" shape.

Rashid Z. Istambouli, P.E.,
Senior Division Chief
Division of Environmental Resources Management

Enclosure

