



Carlos A. Gimenez, Mayor

**Department of 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

miamidade.gov

November 13, 2018

RE: Miami-Dade County Class II Permit No. 20180054: located at SOUTH OF 155 TERR WEST OF 77 CT EAST OF 79AVE PALMETTO BAY, FL 33157-

Dear Mr. Danny Casals:

Enclosed is a copy of Class II Permit No. 20180054, 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 hand delivery, U.S. Mail, or by facsimile at (305)372-6489.

If you have any questions, please contact KAHEILL S WHITTAKER of this office at (305)372-6681.

Sincerely,

A handwritten signature in black ink, appearing to read "Maria D. Molina", with a long horizontal line extending to the right.

Maria D. Molina, P.E.  
Senior Professional Engineer  
Water Control Section

Enclosure

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## Class II Drainage Construction Permit

Permit Number: CLII-20180054  
 Project Manager: KAHEILL S WHITTAKER

Issue Date: 11/13/2018  
 Expiration Date: 11/13/2020

## Permittee:

VILLAGE OF PALMETTO BAY  
 Mr. Danny Casals  
 9495 SW 180 STREET  
 MIAMI, FL 33157-

## Professional Engineer:

KIMLEY-HORN & ASSOCIATES  
 Mr Stefano Viola  
 600 N. PINE ISLAND ROAD  
 PLANTATION, FL 33324-

Application Name: SUB BASIN 61 P&amp;D IMPROVEMENTS

## Project Location:

SOUTH OF 155 TERR WEST OF 77 CT EAST OF 79AVE PALMETTO BAY, FL 33157-

## Project Description:

The proposed work is for the improvement of the surface water management system for the Village of Palmetto Bay to address current flooding issues occurring in Drainage Sub-basin 61 within the right-of-way south of SW 155 Terrace, north of SW 160th Street, west of 77th Court and east of SW 79 Avenue in Palmetto Bay. The project includes the installation of 5 catch basins, work within 2 existing catch basins, 19 manholes with baffles to be installed in 7 structures, 1570 LF of exfiltration trench with 18-inch diameter HDPE pipes and 18-inch diameter HDPE solid pipes. This system will be connected to three catch basins with outfall pipes that discharge to the South Florida Water Management District Cutler Drain Canal (A). The catch basins with outfall pipes will be retrofitted with inverted baffles with a weir elevation of + 3.75 feet NGVD. All drainage construction must be conducted in accordance with the approved plans prepared by Stefano Viola, P.E., Kimley-Horn & Associates, Inc., dated 10/25/18, 18 pages.

## Specific Conditions:

1. Contractor's information must be provided to this office prior to the commencement of this project.
2. Permittee shall plug the existing outfall pipe prior and during construction to

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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prevent the flow of turbid water through the outfall. Plug will remain in place until the drainage system is completed and cleaned.

3. Permittee shall install floating turbidity barriers at the existing outfall pipes prior to the construction of the drainage system.
4. 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.
5. The contractor shall remove from the excavations all the unsuitable materials prior to backfilling. The fill material must not contain any kind of components other than those approved by plans and/or specifications.
6. If any contamination is encountered on site during construction the contractor shall immediately cease subsurface disturbance and notify the Regulatory and Economic Resources Department by calling (305)372-6955, (305)372-6700, or (305)372-6681.
7. If solid waste or debris other than clean fill is encountered, the contractor shall provide a plan for the removal and proper disposal of all unsuitable material, within the limits of the work, for review and approval by DRER. Any fill material to be used shall be in accordance with the clean fill requirements of Chapter 24 of the Miami-Dade County Code.

**General Conditions:**

8. The Department 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 the Department 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 the Department 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 the Department.
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 the Department. 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 the Department 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.

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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 the Department 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, the Department 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, 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 the department. At the department'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 the department, 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 the department. 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.

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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](http://www.dep.state.fl.us/water/stormwater/NPDES).
25. If any work or activity associated with this project is to take place in-water:
- 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](mailto: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](http://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 the department has approved an Application for Transfer. An Application for Transfer may be filed with the department 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

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filed in the form prescribed by the department 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 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) or pursuant to Section 24-48.2(II)(A)(4) 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-built certified by the engineer of record with the Department.
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.dep.state.fl.us/water/stormwater/npdes/construction3.htm>, to apply on-line.
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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**NOTICE OF COMMENCEMENT OF CONSTRUCTION**

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Issue Date: November 13, 2018

Expiration Date: November 13, 2020

Project Name: SUB BASIN 61 P&D IMPROVEMENTS

Location: SOUTH OF 155 TERR WEST OF 77 CT EAST OF 79AVE PALMETTO BAY, FL 33157-

Permittee: Mr. Danny Casals  
VILLAGE OF PALMETTO BAY

Professional Engineer: Mr Stefano Viola  
KIMLEY-HORN & ASSOCIATES

**MUST BE FILLED IN BY PERMITTEE OR CONTRACTOR:**

START DATE: \_\_\_\_\_

DATE OF COMPLETION : \_\_\_\_\_

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