



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

Sent via ePost

February 14, 2020

Subject: Palm Beach County Municipal Separate Storm Sewer System (MS4)
NPDES Permit No. FLS000018-004
Cycle 4 Year 2 Assessment Package and Audit Reports

The Florida Department of Environmental Protection has completed the annual assessment of stormwater management programs (SWMPs) implemented by each permittee subject to the Palm Beach County Phase I MS4 NPDES permit. The assessment is based on the Department's review of submitted Annual Reports, responses to requests for additional information and audits of co-permittees. The Cycle 4 Year 2 Annual Reports submitted by the co-permittees are administratively complete.

A meeting for all co-permittees was included in the NPDES Steering Committee Meeting at NPBCID office on June 11, 2019. The MS4 coordinator discussed Common Reporting Deficiencies, Compliance Assistance and Assessment Program expectations.

Audits were conducted for 6 of the MS4's co-permittees. The audit reports are attached. Required Improvements resulting from the assessment to address program implementation, documentation or reporting are listed in the Appendix, and where appropriate, included in the audit reports.

Thank you for your continued efforts to improve implementation and reporting of your stormwater management programs and for your cooperation during the annual review process. If you have any questions, please contact me at (850) 245-8568, Stephen.Cioccia@dep.state.fl.us or Borja Crane-Amores (850) 245-7520, Borja.Craneamores@dep.state.fl.us

Sincerely,

A handwritten signature in blue ink that reads "Stephen Cioccia".

Stephen Cioccia
MS4 Coordinator
NPDES Stormwater Program

Encs: Appendix – Required Improvements for Palm Beach County MS4 Permittees for the C4Y2 reporting period.
Audit Reports for the following permittees:
Town of Highland Beach,
Town of Lake Clarke Shores,
Town of Lantana,
Village of Royal Palm Beach,
Village of Tequesta,
Village of Wellington.

Addressees: Verdenia C. Baker, Palm Beach County
Bonnie Finneran, Palm Beach County
Brian Gentry, Palm Beach County
Alan Wertepny, Mock-Roos
Brian R. Moree, City of Atlantis
Steve Mazuk, City of Atlantis
Lomax Harrelle, City of Belle Glade
Johnny Gooden, City of Belle Glade
Daniel W. Grippo, P.E., CEM, City of Boca Raton
Zach Bihl, City of Boca Raton
Joseph Paterniti, P.E., City of Boynton Beach
Angela A. Prymas, P.E., City of Boynton Beach
W. Patrick Slatery, Town of Cloud Lake
Dorothy C. Gravelin, Town of Cloud Lake
Missie Barletto, City of Delray Beach
Joseph Williams, City of Delray Beach
Morteza Alian, P.E., FDOT District Four
Ivette Leiva, FDOT District Four
Patti Gertenbach, E Sciences, Inc.
Kelley Hall, P.E, FDOT Florida's Turnpike Enterprise
Troy Craig, FDOT Florida's Turnpike Enterprise
Michelle Suiter, Town of Glen Ridge
Carlos Cedeño, City of Greenacres
Michael Grimm, City of Greenacres
Greg Dunham, Town of Gulf Stream
Jay G. Foy, Town of Haverhill
Joseph Roche, Town of Haverhill
Marshal Labadie, Town of Highland Beach
Pat Roman, Town of Highland Beach
Courtney Marshall, Mathews Consulting, Town of Highland Beach
Michael C. Brown, City of Hypoluxo
Leonard G. Rubin, City of Hypoluxo
Rob Robinson, Indian Trail Improvement District

Greg Shafer, Indian Trail Improvement District
Joseph F. Lo Bello, Town of Juno Beach
Anthony R. Meriano, Town of Juno Beach
Daniel J. Comerford, III, Town of Jupiter Inlet Colony
John Pruitt, , Town of Jupiter Inlet Colony
David L. Brown, Town of Jupiter
David Rotar, Town of Jupiter
Daniel Clark, Town of Lake Clarke Shores
Damon Gammons, Town of Lake Clarke Shores
John D'Agostino, Town of Lake Park
Richard Scherle, Town of Lake Park
Brian Shields, City of Lake Worth
Judy Love, City of Lake Worth
Felipe Lofaso, City of Lake Worth
Ron Ash, Brown and Caldwell
Deborah Manzo, Town of Lantana
Jerry Darr, Town of Lantana
Courtney Marshall, Mathews Consulting, Town of Lantana
Linda Stumpf, Town of Manalapan
Lisa Petersen, Town of Manalapan
Maryori Velasco, Engenuity Group, Town of Manalapan
Kenneth Metcalf, Town of Mangonia Park
Laurent "Van" Cott, P.E., Southern Design Group, Mangonia Park
Andrew D. Lukasik, Village of North Palm Beach
Steven Hallock , Village of North Palm Beach
O'Neal Bardin, Northern Palm Beach County Improvement District
Jared Kneiss, Northern Palm Beach County Improvement District
Tracey Stevens, Town of Ocean Ridge
Maryori Velasco, Engenuity Group, Town of Ocean Ridge
Verdenia C. Baker, Palm Beach County
Bonnie Finneran, Palm Beach County
Todd Engle, P.E., City of Palm Beach Gardens
Alan Welch, Town of Palm Beach Shores
Kirk Blouin, Town of Palm Beach
H. Paul Brazil, P.E., Town of Palm Beach
Jeffrey Sanon, P.E., Town of Palm Beach
Patricia Strayer, P.E., Town of Palm Beach
Matt Hammond, Village of Palm Springs
Angela Thul, Village of Palm Springs
Terrance Bailey, City of Riviera Beach
Sedrick Clark, City of Riviera Beach
Paul L. Webster, P.E., CSM, Village of Royal Palm Beach
Carol Saunders, Village of Royal Palm Beach
Leondrea Camel, City of South Bay
Edgar W. Kerr, City of South Bay

Michael Dillon, South Indian River Water Control District

Robert Kellogg, Town of South Palm Beach

Jeremy Allen, Village of Tequesta

Mike Roulund, Village of Tequesta

Janet McCorkle, Village of Tequesta

Sam Graybill, Kimley-Horn, Village of Tequesta

Thomas Lundeen, P.E., Village of Wellington

Alan Wertepny, Mock-Roos, Village of Wellington

Susan Trzopacz, Village of Wellington

Judy Rios, Village of Wellington

Poonam Kalkat, City of West Palm Beach

Stephon Harris, City of West Palm Beach

APPENDIX

Town of Lantana

Based on the review of the Cycle 4 Year 1 Annual Report, the Department notes the following **Required Improvement**:

AR Section VII. Part III.A.9.b. – Construction Inspection and Enforcement. The permittee did not achieve the minimum inspection frequency and did not retain the required documentation of the construction site inspections conducted for the Private active construction site during this reporting period. This is required by the permit for the reporting element of ‘Private Construction Site Inspections’. The permittee provided the following explanation for the missing inspections: *“Town completed the 3 required inspections of the Water Tower Commons Residential site, but no documentation of inspection was completed.”*

Required Improvement: Within 30 days of receipt of this AAP notice the permittee shall submit to the Department at a minimum a copy of each Private construction site’s inspection(s), performed during the construction site’s active phase, completed during the year 3 reporting period (using the inspection form identified in the permittee’s SOP). This is to confirm the permittee’s SWMP improvement for construction site inspection activities. The permittee shall ensure the minimum required inspection frequency is accomplished and documentation retained for all Permittee and Private construction sites active during future reporting periods (*“once prior to land disturbance to ensure that BMPs have been properly installed, at least once during active construction, and at the conclusion of active construction”*).

Town of Mangonia Park

Based on the review of the Cycle 4 Year 1 Annual Report, the Department notes the following **Required Improvement**:

Section VII. Part III.A.1 - Structural Controls and Stormwater Collection Systems Operation. The minimum inspection frequency reported in the AR Form for the MS4 inventory category of ‘Major Outfalls’ did not meet the required minimum inspection frequency for this element (annual inspection of each Major Outfall reported in the inventory). The permittee provided the following explanation for the missing inspections: *“Two Major Outfalls were missed by field personnel-will be addressed in next AR-the work has already been done on MS4 Area 1 however it was after reporting period (Major Outfalls were inspected after 2017-2018 reporting period)”*.

Required Improvement: Within 30 days of receipt of the AAP the permittee shall submit to the Department their current SOP - procedure for structural control

inspections as well as a copy of each of their Major Outfall inspections performed during the year 3 reporting period (using the inspection form identified in the permittee's SOP). This is to confirm the permittee's SWMP improvement for MS4 structural inventory inspection activities. The permittee shall ensure the minimum required inspection frequency is accomplished and documentation retained for all MS4 structural inventory elements during future reporting periods.

Town of Palm Beach Shores

Based on the review of the Cycle 4 Year 1 Annual Report, the Department notes the following **Required Improvement**:

Section VII. Part III.A.1 - Structural Controls and Stormwater Collection Systems Operation. The minimum inspection frequency reported in the AR Form for the MS4 inventory category of 'Major Outfalls' did not meet the required minimum frequency for this element (annual inspection of each Major Outfall reported in the inventory). The permittee failed to conduct inspections for four of their six Major Outfalls during the reporting period. The permittee did not provide an explanation for the missing inspections.

Required Improvement: Within 30 days of receipt of the AAP the permittee shall submit to the Department a revised procedure (SOP for structural control inspections) which shall identify how the permittee will ensure, through the procedure's implementation, the minimum required inspection frequency is accomplished for all Major Stormwater Outfalls in their inventory. The revision shall detail the procedure to be employed to schedule, conduct, compile, track and document the required inspections for the required structural controls in the permittee's inventory. The permittee shall also submit to the Department at the same time a copy of their Major Outfall inspections performed during the year 3 reporting period for each of the Major Stormwater Outfall structures in their inventory. This is to confirm the permittee's SWMP improvement for MS4 structural inventory inspection activities. The permittee shall ensure the minimum required inspection frequency is accomplished and documentation retained for all MS4 structural inventory elements during future reporting periods.

Village of Royal Palm Beach

Based on the review of the Cycle 4 Year 1 Annual Report, the Department notes the following **Required Improvements**:

1. AR Section VII. Part III.A.9.b. – Construction Inspection and Enforcement.
The permittee did not conduct the construction inspections required by the permit for their 11 'Private Construction Sites' active during the reporting period. The permittee

provided no explanation for the inspections not having been conducted by the Engineering Department (as specified in their current SOP).

Required Improvement: Within 30 days of receipt of this AAP notice the permittee shall submit to the Department an updated procedure ('Construction Site Inspection Plan' SOP) which shall identify how the permittee will ensure, through the procedure's implementation, the required construction site inspections are conducted and inspection documentation retained during each reporting year. The revision shall detail the procedure and personnel responsible to conduct the inspection, compile the inspection report and retain the inspection report documentation. The permittee shall ensure the minimum required inspection frequency is accomplished and documentation retained for all Permittee and Private construction sites active during future reporting periods (*"once prior to land disturbance to ensure that BMPs have been properly installed, at least once during active construction, and at the conclusion of active construction"*).

2. AR Section VII. Part III.A.9.c. – Construction Site Inspectors and Operators Training. The permittee did not conduct the required annual training for their construction site E&S BMPs inspectors and site plan reviewers. The permittee reported zero annual training for their construction site inspectors and site plan reviewers. This does not meet the permit requirement for providing annual refresher training for the permittee's construction site E&S BMPs inspectors and site plan reviewers: *"Refresher training shall be provided annually."* The permittee provided no explanation for failing to provide the training.

Required Improvement: Within 30 days of receipt of the AAP, the permittee shall submit to the Department an updated procedure (SOP for Construction Site Inspectors, Reviewers and Operators Training) which shall identify how the permittee will ensure, through the procedure's implementation, the required annual refresher training is conducted during each reporting year. The revision shall detail the procedure to be employed to schedule, conduct, compile, track and document the required annual refresher training for the permittee's inspectors.

For future annual reporting, the permittee shall ensure the required annual refresher training is conducted for the permittee's construction site E&S BMPs inspectors during each reporting year.

Village of Tequesta

Based on the review of the Cycle 4 Year 1 Annual Report, the Department notes the following **Required Improvements:**

1. Section VII. Part III.A.1 - Structural Controls and Stormwater Collection Systems Operation. The minimum inspection frequency reported in the AR Form for the MS4 inventory category of 'Major Outfalls' did not meet the required minimum frequency for this element (annual inspection of each Major Outfall reported in the inventory). The permittee failed to conduct inspections for three of their four major outfalls and retain the required documentation of these required inspections. The permittee also pro-actively completed a revision to this SWMP element SOP to ensure adequate inspections will be performed in future reporting periods.

Required Improvement: Within 30 days of receipt of the AAP the permittee shall submit to the Department copies of their Major Outfall inspections performed during the year 3 reporting period for each of these structures in their inventory. This is to confirm the permittee's SWMP improvement for MS4 structural inventory inspection activities. The permittee shall ensure the minimum required inspection frequency is accomplished and documentation retained for all MS4 structural inventory elements during future reporting periods.

2. AR Section VII. Part III.A.9.c. – Construction Site Inspectors and Operators Training. The permittee did not conduct the required annual training for their construction site E&S BMPs inspectors and site plan reviewers. The permittee reported zero annual training for their construction site inspectors and site plan reviewers. This does not meet the permit requirement for providing annual refresher training for the permittee's construction site E&S BMPs inspectors and site plan reviewers: "*Refresher training shall be provided annually.*" The permittee provided no explanation for failing to provide the training.

Required Improvement: Within 30 days of receipt of the AAP, the permittee shall submit to the Department an updated procedure (SOP for Construction Site Inspectors, Reviewers and Operators Training) which shall identify how the permittee will ensure, through the procedure's implementation, the required annual refresher training is conducted during each reporting year. The revision shall detail the procedure to be employed to schedule, conduct, compile, track and document the required annual refresher training for the permittee's inspectors.

For future annual reporting, the permittee shall ensure the required annual refresher training is conducted for the permittee's construction site E&S BMPs inspectors during each reporting year.