



Annual Report Form For Individual NPDES Permits For Municipal Separate Storm Sewer Systems (RULE 62-624.600(2), F.A.C.)

- This Annual Report Form must be completed and submitted to the Department to satisfy the annual reporting requirements established in Rule 62-621.600, F.A.C.
- Submit this fully completed and signed form and any REQUIRED attachments by email to the NPDES Stormwater Program Administrator or to the MS4 coordinator (<http://www.dep.state.fl.us/water/stormwater/npdes/contacts.htm>). Files larger than 10MB may be placed on the FTP site at: ftp://ftp.dep.state.fl.us/pub/NPDES_Stormwater/. After uploading files, email the MS4 coordinator or NPDES Program Administrator to notify them the report is ready for downloading; or by mail to the address in the box at right.
- Refer to the Form Instructions for guidance on completing each section.
- **Please print or type information in the appropriate areas below.**

Submit the form and attachments to:
 Florida Department of Environmental Protection
 Mail Station 3585
 2600 Blair Stone Road
 Tallahassee, Florida 32399-2400

SECTION I. BACKGROUND INFORMATION

| | | | |
|---|--|-----------------|--------------------------|
| A. | Permittee Name: Town of Gulf Stream | | |
| B. | Permit Name: Palm Beach County MS4 | | |
| C. | Permit Number: FLS000018-004 | | |
| D. | Annual Report Year: <input type="checkbox"/> Year 1 <input checked="" type="checkbox"/> Year 2 <input type="checkbox"/> Year 3 <input type="checkbox"/> Year 4 <input type="checkbox"/> Year 5 <input type="checkbox"/> Other, specify Year: | | |
| E. | Reporting Time Period (month/year): October / 2017 through September / 2018 | | |
| F. | Name of the Responsible Authority: Greg Dunham | | |
| | Title: Town Manager | | |
| | Mailing Address: 100 Sea Road | | |
| | City: Gulf Stream | Zip Code: 33483 | County: Palm Beach |
| | Telephone Number: 561-276-5116 | | Fax Number: 561-737-0188 |
| E-mail Address: gdunham@gulf-stream.org | | | |
| G. | Name of the Designated Stormwater Management Program Contact (if different from Section I.F above): | | |
| | Title: | | |
| | Department: | | |
| | Mailing Address: | | |
| | City: | Zip Code: | County: |
| | Telephone Number: | | Fax Number: |
| E-mail Address: | | | |

SECTION II. MS4 MAJOR OUTFALL INVENTORY (Not Applicable in Year 1)

| | |
|-----------|---|
| A. | Number of outfalls ADDED to the outfall inventory in the current reporting year (insert "0" if none): 1 (Does this number include non-major outfalls? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable) |
| B. | Number of outfalls REMOVED from the outfall inventory in the current reporting year (insert "0" if none): 0 (Does this number include non-major outfalls? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable) |
| C. | Is the change in the total number of outfalls due to lands annexed or vacated? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable |

SECTION III. PART V.B. ASSESSMENT PROGRAM

| | |
|-----------|---|
| A. | <p>Provide a brief statement as to the status of water quality monitoring plan implementation. Status may include sampling frequency changes, monitoring location changes, or sampling waiver conditions. <i>DEP Note: If permittee participates in a collaborative monitoring plan, permittee may refer to a joint response as defined by the interlocal agreement.</i></p> <p>Name and date of the approved plan: Current approval of the Group Monitoring Plan is September 8, 2016 (with issuance of the Cycle 4 permit). The Town of Gulf Stream's Assessment Plan was submitted in September 2017.</p> <p>Status: The Group Monitoring Report is included in the Cycle 4 Joint Annual Report. The Town of Gulf Stream's individual Assessment Plan has been approved by FDEP.</p> |
| B. | <p>Provide a brief discussion of the monitoring and loading results to date which includes a summary of the water quality monitoring data and / or stormwater pollutant loading changes from the reporting year. <i>DEP Note: Results must be specific to the permittee's SWMP.</i></p> <p><i>Attached in Appendix C is a monitoring data summary and discussion.</i></p> |
| C. | <p>Attach a monitoring data summary as required by the permit. An analysis of the data discussing changes in water quality and/or stormwater pollutant loading from previous reporting years. <i>DEP Note: Analysis must be specific to the permittee's SWMP.</i></p> <p><i>Attached in Appendix C is a monitoring data summary and discussion.</i></p> |

SECTION IV. FISCAL ANALYSIS

| | |
|-----------|--|
| A. | Total expenditures for the NPDES stormwater management program for the current reporting year: \$99,142 |
| B. | Total budget for the NPDES stormwater management program for the subsequent reporting year: \$29,000 |
| C. | <p>Did the current reporting year resources decrease from the previous year? Y <input checked="" type="checkbox"/> / N <input type="checkbox"/></p> <p>If program resources decreased, provide a discussion of the impacts on the implementation of the SWMP.</p> <p>3140 Polo Drive Outfall project (Cost = \$86,500 (Design & Construction)) and drainage lamping / inspection of existing stormwater pump station as part of development of the Town's 10-year CIP Program (Cost = \$5760) occurred during the Year 1 reporting period. These projects are completed and are not part of the Year 2 budget.</p> |

SECTION V. MATERIALS TO BE SUBMITTED WITH THIS ANNUAL REPORT FORM

Only the following materials are to be submitted to the Department along with this fully completed and signed Annual Report Form (check the appropriate box to indicate whether the item is attached or is not applicable):

| Attached | N/A | Required Attachments | Permit Citation | Attachment Number/Title |
|-------------------------------------|-------------------------------------|--|--------------------------|-------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Any additional information required to be submitted in this current annual reporting year in accordance with Part III.A of your permit that is not otherwise included in Section VII below. | Part III.A | Appendix C |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | An explanation of why the minimum inspection frequency in Table II.A.1.a. was not met, if applicable. | Part II.A.1 | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | A list of the flood control projects that did not include stormwater treatment and an explanation for each of why it did not (if applicable). | Part III.A.4 | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | A monitoring data summary as directed in Section III.C above and in accordance with Rule 62-624.600(2)(c), F.A.C. | Part V.B.3 | Refer to Joint Report |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | YEAR 1 ONLY: An inventory of all known major outfalls and a map depicting the location of the major outfalls (hard copy or CD-ROM) in accordance with Rule 62-624.600(2)(a), F.A.C. | Part III.A.1 | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | YEAR 2: A summary review of codes and regulations to reduce the stormwater impact from development. | Part III.A.2 | Appendix A |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Year 3 ONLY: The estimates of pollutant loadings and event mean concentrations for each major outfall or each major watershed in accordance with Rule 62-624.600(2)(b), F.A.C. | Part V.A | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | YEAR 3: Summary of TMDL Monitoring Results (if applicable). | Part VIII.B.2 | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | YEAR 3: Bacteria Pollution Control Plan (if applicable). | Part VIII.B.3 | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | YEAR 4: A follow-up report on plan implementation of changes to codes and regulations to reduce the stormwater impact from development. | Part III.A.2 | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | YEAR 4: A report on any amendments to the applicable legal authority (if applicable). | Part III.A.7.a | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | YEAR 4: Permit re-application information in accordance with Rule 62-624.420(2), F.A.C. <ul style="list-style-type: none"> The monitoring plan (with revisions, if applicable). If the total annual pollutant loadings have not decreased over the past two permit cycles, revisions to the SWMP, as appropriate. | Part V.B.3 Part V.A.3 | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | YEAR 4: TMDL Supplemental SWMP (if applicable). | Part VIII.B.3 | |

DO NOT SUBMIT ANY OTHER MATERIALS
(such as records and logs of activities, monitoring raw data, public outreach materials, etc.)

SECTION VI. CERTIFICATION STATEMENT AND SIGNATURE

The Responsible Authority listed in Section I.F above must sign the following certification statement, as per Rule 62-620.305, F.A.C.:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name of Responsible Authority (type or print): Greg Dunham

Title: Town Manager, Town of Gulf Stream

Signature:  Date: 08/26/2019

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

| A. | B. | C. | | | | | D. | E. | F. |
|---|--|---------------------------------|----------------------------------|------------------------------|---|-------------------------------|--|---|---|
| Permit Citation/ SWMP Element | Permit Requirement/Quantifiable SWMP Activity | Number of Activities Performed | | | | | Documentation / Record | Entity Performing the Activity | Comments |
| Part III.A.1 | Structural Controls and Stormwater Collection Systems Operation | | | | | | | | |
| <p>Report the current known inventory.</p> <p>Report the number of inspection and maintenance activities conducted for each applicable type of structure included in Table II.A.1.a, and the percentage of the total inventory of each type of structure inspected and maintained.</p> <p><i>Note: Delete structures that are not in your MS4's inventory. The permittee may choose its own unit of measurement for each structural control to be consistent with the unit of measurement in the documentation. Unit options include: miles, linear feet, acres, etc.</i></p> | | | | | | | | | |
| Type of Structure | | Number of Structures | Number of Inspections | Percent Inspected | Number of Maintenance Activities | Percent Maintained | | | |
| Grass treatment swales (miles) | | 0.97 | 12 | 100% | 0 | 100% | Maintenance Log – Catch Basins, Grates, Roadside Ditches | Town Staff (B. Dietrick, W. Songer) | No maintenance required |
| Stormwater Pump Stations | | 1 | 36 | 100% | 0 | 100% | Outfall Maintenance Log Sheet and Generator Maintenance Log | Town Staff (B. Dietrick) | |
| Major outfalls | | 0 | 0 | 0% | 0 | 0% | N/A | N/A | One new 18" outfall was installed on Polo Drive during the reporting period. All 18 outfalls inspected monthly. None are major outfalls. |
| Weirs or other control structures | | 1 | 12 | 100% | 0 | 100% | Outfall Maintenance Log Sheet | Town Staff (B. Dietrick) | Inspected monthly with outfalls |

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| Permit Citation/ SWMP Element | Permit Requirement/Quantifiable SWMP Activity | Number of Activities Performed | | | | | Documentation / Record | Entity Performing the Activity | Comments |
| | Pipes / Culverts (miles) | 1.37 | 12 | 30% | 0 | 30% | Maintenance Log – Catch Basins, Grates, Roadside Ditches | Town Staff (B. Dietrick, W. Songer) | 2 new catch basins and approx. 160 LF of pipe were installed during the reporting period. Town inspects all inlets monthly and associated pipes at inlets. |
| | Inlets / catch basins / grates | 106 | 12 | 100% | 13 | 100% | Maintenance Log – Catch Basins, Grates, Roadside Ditches | Town Staff (B. Dietrick, W. Songer) | 2 new catch basins were installed during the reporting period. All inlets / catch basins with grates are inspected monthly and cleaned as needed, which is reported as 1 maintenance activity per month, totaling 12 maintenance activities. Additionally, all grates, drains and pavement around catch basin areas were cleaned on 10/28/18 following an 8" rain event. |
| | If the minimum inspection frequencies set forth in Table II.A.1.a. were not met, provide as an attachment an explanation of why they were not and a description of the actions that will be taken to ensure that they will be met. | N/A | N/A | N/A | Minimum Inspection Frequencies Met | | | | |

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| A. | B. | C. | D. | E. | F. |
| Permit Citation/ SWMP Element | Permit Requirement/Quantifiable SWMP Activity | Number of Activities Performed | Documentation / Record | Entity Performing the Activity | Comments |
| Part III.A.1 Summary | Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. | | | | |
| | Strengths: Town completes minimum of monthly inspections on all inlets. | | | | |
| | Limitations: None. | | | | |
| | SWMP revisions implemented to address limitations: N/A | | | | |
| Part III.A.2 | Areas of New Development and Significant Redevelopment | | | | |
| | Report the number of significant development projects, including new and redevelopment, reviewed and approved by the permittee for post-development stormwater considerations. | | | | |
| | Number of significant development projects reviewed | 0 | 2017-2018 Architectural Review & Planning Board File Log | Town's Architectural Review & Planning Board (ARPB) | All projects submitted under 1 ac. (not significant) |
| | Number of significant development projects approved | 0 | N/A | | |
| | Provide in the Year 2 Annual Report the summary report of the review activity. Provide in the Year 4 Annual Report the follow-up report on plan implementation. | | | | |
| | Year 2 ONLY: Attach the summary report of the review activity | <input checked="" type="checkbox"/> | Summary Report Attached in Appendix A | Town | |
| | Year 4 ONLY: Attach the follow-up report on plan implementation | <input type="checkbox"/> | N/A | N/A | |
| Part III.A.2 Summary | Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. | | | | |
| | Strengths: Any proposed development or modifications of existing properties must apply to the Town's Architectural Review & Planning Board. The Town is small in size and there are no large properties available for significant redevelopment projects. | | | | |
| | Limitations: N/A | | | | |
| | SWMP revisions implemented to address limitations: N/A | | | | |
| Part III.A.3 | Roadways | | | | |
| | Report on the litter control program, including the frequency of litter collection, an estimate of the total number of road miles cleaned or amount of area covered by the activities, and an estimate of the quantity of litter collected. <i>Note: If the permittee does not contract activities, delete CONTRACTOR activities.</i> | | | | |
| | PERMITTEE Litter Control: Frequency of litter collection | 365 | Daily Activity; Maintenance Log – Catch Basins, Grates, Roadside Ditches | Town Staff (B. Dietrick, W. Songer) | Pine needles, leaves and trash combined are collected daily in Town ROW plus trash pickup on FDOT ROW and |

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|---|---|--------------------------------|--|--------------------------------------|--|
| Permit Citation/ SWMP Element | Permit Requirement/Quantifiable SWMP Activity | Number of Activities Performed | Documentation / Record | Entity Performing the Activity | Comments |
| | PERMITTEE Litter Control: Estimated amount of area maintained (lf) | | | | within Town. The estimated amount of pine needles, leaves, and trash combined |
| | | 0.97 | Daily Activity | Town Staff | Daily all Town ROW plus trash pickup on FDOT ROW and within Town. |
| | PERMITTEE Litter Control: Estimated amount of litter collected (container gallons) | 480 | Maintenance Log – Catch Basins, Grates, Roadside Ditches | Town Staff (B. Dietrick, W. Songer) | |
| | CONTRACTOR Litter Control: Frequency of litter collection | 2 times per week | Solid Waste Authority (SWA) Annual Assessment | Solid Waste Authority (SWA) | Town contracts with SWA for hauling the trash collected from Town Hall. |
| | CONTRACTOR Litter Control: Estimated amount of area maintained (lf) | 0 | N/A | N/A | Town only contracts with SWA for trash pick-up from Town Hall. |
| | CONTRACTOR Litter Control: Estimated amount of litter collected (cy) | 48 | Solid Waste Authority (SWA) Annual Assessment | Solid Waste Authority (SWA) | Town only contracts with SWA for trash pick-up from Town Hall. |
| OPTIONAL: If an Adopt-A-Road or similar program is implemented, report the total number of road miles cleaned and an estimate of the quantity of litter collected. If you do not participate in an Adopt-A-Road program, report "0". | | | | | |
| | Trash Pick-up Events: Total miles cleaned | 0 | N/A | N/A | Did not participate |
| | Trash Pick-up Events: Estimated amount of litter collected (cy) | 0 | N/A | N/A | Did not participate |
| | Adopt-A-Road: Total miles cleaned | 0 | N/A | N/A | Did not participate |
| | Adopt-A-Road: Estimated amount of litter collected (cy) | 0 | N/A | N/A | Did not participate |
| Report on the street sweeping program, including the frequency of the sweeping, total miles swept, an estimate of the quantity of sweepings collected, and the total nitrogen and total phosphorus loadings that were removed by the collection of sweepings. If no street sweeping program is implemented, provide the explanation of why not in column F. | | | | | |
| | Frequency of street sweeping | 0 | N/A | N/A | Town streets do not have curbs and therefore the Town does not have a street sweeping program. |
| | Total miles swept | 0 | N/A | N/A | |

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| A. | B. | C. | | D. | E. | F. |
| Permit Citation/ SWMP Element | Permit Requirement/Quantifiable SWMP Activity | Number of Activities Performed | | Documentation / Record | Entity Performing the Activity | Comments |
| | Estimated quantity of sweeping material collected (cy / tons) | 0 | | N/A | N/A | |
| | Total phosphorous loadings removed (pounds) | 0 | | N/A | N/A | |
| | Total nitrogen loadings removed (pounds) | 0 | | N/A | N/A | |
| | Report the equipment yards and maintenances shops that support road maintenance activities, and the number of inspections conducted for each facility. | | | | | |
| | Name of Facility | Number of Inspections | | | | |
| | 0 | 0 | | N/A | N/A | No municipal maintenance yards / maintenances shops |
| Part III.A.3 Summary | Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. | | | | | |
| | Strengths: Due to the relatively small area of the Town, all roadways are patrolled and litter collected daily as necessary. None of the streets have curb, and therefore, the Town has no street sweeping program. Resident complaints are addressed immediately. | | | | | |
| | Limitations: None. | | | | | |
| | SWMP revisions implemented to address limitations: N/A | | | | | |
| Part III.A.4 | Flood Control Projects | | | | | |
| | Report the total number of flood control projects that were constructed by the permittee during the reporting period and the number of those projects that did NOT include stormwater treatment. The permittee shall provide a list of the projects where stormwater treatment was not included with an explanation for each of why it was not. | | | | | |
| | Report on any stormwater retrofit planning activities and the associated implementation of retrofitting projects to reduce stormwater pollutant loads from existing drainage systems that do not have treatment BMPs. | | | | | |
| | Flood control projects completed during the reporting period | 0 | | N/A | N/A | No flood control projects completed during the reporting period. |
| | Flood control projects completed that did <u>not</u> include stormwater treatment | 0 | | N/A | N/A | |
| | Stormwater retrofit projects planned/under construction | 0 | | N/A | N/A | No retrofit projects are planned. |
| | Stormwater retrofit projects completed | 0 | | N/A | N/A | |
| | If there were projects that did not include stormwater treatment, provide as an attachment a list of the projects and an explanation for each of why it did not. | <input type="checkbox"/> | | N/A | N/A | |
| Part III.A.4 Summary | Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. | | | | | |
| | Strengths: There are no large areas of single ownership within the Town and no need for flood control projects. | | | | | |
| | Limitations: None. | | | | | |
| | SWMP revisions implemented to address limitations: N/A | | | | | |

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|---|---|---|-------------------------------|--------------------------------------|---|
| A. | B. | C. | D. | E. | F. |
| Permit Citation/ SWMP Element | Permit Requirement/Quantifiable SWMP Activity | Number of Activities Performed | Documentation / Record | Entity Performing the Activity | Comments |
| Part III.A.5 | Municipal Waste Treatment, Storage, and Disposal Facilities Not Covered by an NPDES Stormwater Permit | | | | |
| | Report the applicable facilities and the number of the inspections conducted for each facility. | | | | |
| | Name of Facility | Number of Inspections | | | |
| | | 0 | N/A | N/A | No municipal waste treatment, storage or disposal facilities within Town. |
| Part III.A.5 Summary | Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. | | | | |
| | Strengths: There are no Waste TSD Facilities within the Town. | | | | |
| | Limitations: None. | | | | |
| | SWMP revisions implemented to address limitations: N/A | | | | |
| Part III.A.6 | Pesticides, Herbicides, and Fertilizer Application | | | | |
| | Report the number of permittee personnel applicators and contracted commercial applicators of pesticides and herbicides who are FDACS certified / licensed. | | | | |
| | Report the number of permittee personnel who have been trained through the Green Industry BMP Program and the number of contracted commercial applicators of fertilizer who are FDACS certified / licensed. | | | | |
| | PERSONNEL: FDACS public applicators of pesticides/herbicides | 0 | | | Contracted out |
| | CONTRACTORS: FDACS commercial applicators of pesticides/herbicides | 1 | Contractor State Registration | Riley's Spraying Service | |
| | PERSONNEL: Green Industry BMP Program training completed | 0 | | | |
| | CONTRACTORS: FDACS certified / licensed applicators of fertilizer | 0 | | | Town does not apply or contract for fertilizer application. |
| | Provide a copy of the adopted ordinance with the Year 2 Annual Report. If this provision is not applicable because the permittee is not within the watershed of a nutrient-impaired water body, indicate that in Column F. | | | | |
| | Year 2 ONLY: Attach copy of adopted Florida-friendly ordinance | <input checked="" type="checkbox"/> | Ordinance 11/7 | Town Council | Ordinance attached in Appendix B |
| | Report on the public education and outreach activities that are performed or sponsored by the permittee within the permittee's jurisdiction to encourage citizens to reduce their use of pesticides, herbicides and fertilizers including the type and number of activities conducted, the type and number of materials distributed, and the number of Web site visits (if applicable). | | | | |
| | Public Education and Outreach Program | The public outreach and education plan is carried out as a joint effort by the Palm Beach County Co-permittees. Please see the Palm Beach County Joint Annual Report for the public education and outreach information. | | | |

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| A. | B. | C. | D. | E. | F. |
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| Part III.A.6 Summary | Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. | | | | |
| | Strengths: The Town contracts for pesticide treatment at Town hall but does not operate any facilities requiring herbicide or fertilizer application. The Town has notified the Contractor of the need for Green Industry BMP training. | | | | |
| | Limitations: None. | | | | |
| | SWMP revisions implemented to address limitations: N/A | | | | |
| Part III.A.7.a | Illicit Discharges and Improper Disposal — Inspections, Ordinances, and Enforcement Measures | | | | |
| | Report amendments in Year 4. | | | | |
| | Year 4 ONLY: Attach a report on amendments to applicable legal authority | <input type="checkbox"/> | N/A | | |
| Part III.A.7.c | Illicit Discharges and Improper Disposal — Investigation of Suspected Illicit Discharges and/or Improper Disposal | | | | |
| | Report on the proactive inspection program, including the number of inspections conducted by the permittee, the number of illicit activities found, and the number and type of enforcement actions taken. | | | | |
| | Proactive inspections for suspected illicit discharges | 12 | Maintenance Log – Catch Basins, Grates, Roadside Ditches | Town Staff (B. Dietrick, W. Songer) | |
| | Illicit discharges found during a proactive inspection | 0 | Maintenance Log – Catch Basins, Grates, Roadside Ditches | Town Staff (B. Dietrick, W. Songer) | None found |
| | NOV/WL/citation/fines issued for illicit discharges found during proactive inspection | 0 | N/A | N/A | No NOVs, etc. |
| | Report on the reactive investigation program as it relates to responding to reports of suspected illicit discharges, including the number of reports received, the number of investigations conducted, the number of illicit activities found, and the number and type of enforcement actions taken. | | | | |
| | Reports of suspected illicit discharges received | 0 | Daily Customer Service Log | Town Staff | Only complaints of no garbage or no recycling pick-up. |
| | Reactive investigations of reports of suspected illicit discharges etc. | 0 | N/A | N/A | |
| | Illicit discharges etc. found during reactive investigation | 0 | N/A | N/A | |
| | NOV/WL/citation/fines issued for illicit discharges etc. found during reactive investigation | 0 | N/A | N/A | |
| | Report the type of training activities, and the number of permittee personnel and contractors trained (both in-house and outside training) within the reporting year. | | | | |

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| Permit Citation/ SWMP Element | Permit Requirement/Quantifiable SWMP Activity | Number of Activities Performed | | Documentation / Record | Entity Performing the Activity | Comments |
| | | Personnel trained | 2 | N/A | N/A | No additional training completed. Current staff members completed initial training from PBC NPDES Steering Committee. |
| | | Contractors trained | 0 | N/A | N/A | Utilize trained in-house staff or City of Delray Beach Fire Dept. |
| Part III.A.7.d | Illicit Discharges and Improper Disposal — Spill Prevention and Response | | | | | |
| | Report on the spill prevention and response activities, including the number of spills addressed. | | | | | |
| | Hazardous and non-hazardous material spills responded to | 0 | N/A | N/A | No spills. | |
| | Report the type of training activities, and the number of permittee personnel and contractors trained (both in-house and outside training) within the reporting year. | | | | | |
| | | Personnel trained | 3 | N/A | N/A | No additional training completed. Current staff members were trained. |
| | | Contractors trained | 0 | N/A | N/A | Utilize trained in-house staff or City of Delray Beach Fire Dept. |
| Part III.A.7.e | Illicit Discharges and Improper Disposal — Public Reporting | | | | | |
| | Report on the public education and outreach activities that are performed or sponsored by the permittee within the permittee's jurisdiction to encourage the public reporting of suspected illicit discharges and improper disposal of materials, including the type and number of activities conducted, the type and number of materials distributed, and the number of Web site visits (if applicable). | | | | | |
| | Public Education and Outreach Program | The public outreach and education plan is carried out as a joint effort by the Palm Beach County Co-permittees. Please see the Palm Beach County Joint Annual Report for the public education and outreach information. | | | | |
| Part III.A.7.f | Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardous Waste Control | | | | | |
| | Report on the public education and outreach activities that are performed or sponsored by the permittee within the permittee's jurisdiction to encourage the proper use and disposal of oils, toxics, and household hazardous waste, including the type and number of activities conducted, the type and number of materials distributed, the amount of waste collected / recycled / properly disposed, and the number of Web site visits (if applicable). | | | | | |
| | Public Education and Outreach Program | The public outreach and education plan is carried out as a joint effort by the Palm Beach County Co-permittees. Please see the Palm Beach County Joint Annual Report for the public education and outreach information. | | | | |

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| A. | B. | C. | | | D. | E. | F. |
| Permit Citation/ SWMP Element | Permit Requirement/Quantifiable SWMP Activity | Number of Activities Performed | | | Documentation / Record | Entity Performing the Activity | Comments |
| Part III.A.7.g | Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seepage | | | | | | |
| | Report on the type and number of activities undertaken to reduce or eliminate SSOs and inflow/ infiltration, the number of SSOs or inflow / infiltration incidents found and the number resolved, and the name of the owner of the sanitary sewer system within the permittee's jurisdiction. Report only the SSOs and inflow / infiltration incidents into the MS4. | | | | | | |
| | Owner of the sanitary sewer system | Private owners or private septic tank systems | | | | | |
| | Activity to reduce/eliminate SSOs and I&I: (description) | 0 | | | N/A | N/A | Town does not maintain or own a sanitary sewer system |
| | Activity to reduce/eliminate SSOs and I&I: (description) | 0 | | | N/A | N/A | Town does not maintain or own a sanitary sewer system |
| | SSO incidents discovered | 0 | | | N/A | N/A | No incidents discovered |
| | SSO incidents resolved | 0 | | | N/A | N/A | |
| | Inflow / infiltration incidents discovered | 0 | | | N/A | N/A | No incidents discovered |
| | Inflow / infiltration incidents resolved | 0 | | | N/A | N/A | |
| Part III.A.7 Summary | For activities required by Part III.A.7: Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. | | | | | | |
| | Strengths: The Town proactively inspects all inlets and outfalls monthly and patrols all roadways within the Town on a daily basis. The Town responds to the resident calls immediately. | | | | | | |
| | Limitations: None. | | | | | | |
| | SWMP Revisions implemented to address limitations: N/A | | | | | | |
| Part III.A.8.a | Industrial and High-Risk Runoff — Identification of Priorities and Procedures for Inspections | | | | | | |
| | Report on the high-risk facilities inventory, including the type and total number of high risk facilities and the number of facilities newly added each year. Report on the high-risk facilities inspection program, including the number of inspections conducted and the number and type of enforcement actions taken. | | | | | | |
| | Type of Facility | Number of Facilities | Number of Inspections | Enforcement Actions | | | |
| | Operating municipal landfills | 0 | 0 | 0 | N/A | N/A | No landfills in the Town |
| | Hazardous waste treatment, storage, disposal and recovery (HWTSDR) facilities | 0 | 0 | 0 | N/A | N/A | No HWTSDR facilities in Town |

| SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE | | | | | | | |
|---|---|--------------------------------|---|---|--|--------------------------------------|---|
| A. | B. | C. | | | D. | E. | F. |
| Permit Citation/ SWMP Element | Permit Requirement/Quantifiable SWMP Activity | Number of Activities Performed | | | Documentation / Record | Entity Performing the Activity | Comments |
| | EPCRA Title III, Section 313 facilities (TRI) | 0 | 0 | 0 | N/A | N/A | No EPCRA Title III facilities in Town |
| | Facilities determined as high risk by the permittee | 0 | 0 | 0 | N/A | G. Dunham | None found |
| Part III.A.8.b | Industrial and High-Risk Runoff — Monitoring for High Risk Industries | | | | | | |
| | Report the number of high risk facilities sampled. | | | | | | |
| | High risk facilities sampled | 0 | | | TRI Explorer and RCRA Databases | G. Dunham | No existing or new high risk facilities in Town |
| Part III.A.8 Summary | Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. | | | | | | |
| | Strengths: There are no high-risk facilities within the Town. This is confirmed annually during this report preparation. | | | | | | |
| | Limitations: None. | | | | | | |
| | SWMP revisions implemented to address limitations: N/A | | | | | | |
| Part III.A.9.a | Construction Site Runoff — Site Planning and Non-Structural and Structural Best Management Practices | | | | | | |
| | Report the number of permittee and private pre-construction site plans reviewed for stormwater, erosion, and sedimentation controls, and the number approved. | | | | | | |
| | PERMITTEE SITES: Construction site plans reviewed | 1 | | | Construction Drawings | Town Staff | 3140 Polo Drive Stormwater Outfall |
| | PERMITTEE SITES: Construction site plans approved | 1 | | | Construction Contract | Town Staff | 3140 Polo Drive Stormwater Outfall |
| | PRIVATE SITES: Construction site plans reviewed | 16 | | | 2017-2018 Architectural Review & Planning Board File Log | Town Manager | |
| | PRIVATE SITES: Construction site plans approved | 14 | | | 2017-2018 Architectural Review & Planning Board File Log | Town Manager | Decision for 17-08 has not yet occurred. 18-4 for site plan revision to change the enclosed stairway on the south-side of 1535 N. Ocean Blvd. to an open stairway was denied. |
| | Report the number of development permit applicants notified of the ERP and CGP, and the number of applicants who confirmed ERP and CGP coverage. | | | | | | |
| | Notified of ERP stormwater permit requirements | 0 | | | 2017-2018 Architectural Review & Planning Board File Log | Town Manager | No projects met the threshold for ERP |

| SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE | | | | | |
|--|--|---------------------------------------|---|---|--|
| A. | B. | C. | D. | E. | F. |
| Permit Citation/ SWMP Element | Permit Requirement/Quantifiable SWMP Activity | Number of Activities Performed | Documentation / Record | Entity Performing the Activity | Comments |
| | Confirmed ERP coverage | 0 | | | |
| | Notified of CGP stormwater permit requirements | 0 | 2017-2018 Architectural Review & Planning Board File Log | Town Manager | No projects met the threshold for CGP |
| | Confirmed CGP coverage | 0 | | | |
| Part III.A.9.b | Construction Site Runoff — Inspection and Enforcement | | | | |
| | Report on the inspection program for privately-operated and permittee-operated construction sites, including the number of active construction sites during the reporting year, the number of inspections of active construction sites, the percentage of active construction sites inspected, and the number and type of enforcement actions / referrals taken. | | | | |
| | PERMITTEE SITES: Active construction sites | 1 | Construction Contract | LCCI Construction | 3140 Polo Drive Stormwater Outfall project construction began in July 2018. |
| | PERMITTEE SITES: Pre-, During, and Post inspections of active construction sites for E&S and waste control BMPs | 24 | Construction Inspection Reports | Mathews Consulting | Mathews Consulting provided periodic inspections (approximately 2 inspections per week for 3 months) for the 3140 Polo Drive Stormwater Outfall project throughout the duration of the project. |
| | PERMITTEE SITES: Percentage of active construction sites inspected | 100% | Construction Contract | Mathews Consulting | The Town's only active construction site for this reporting period is the 3140 Polo Drive Stormwater Outfall project. |

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

| A. | B. | C. | | D. | E. | F. |
|----------------------------------|--|--------------------------------|------------------------|--|---|---|
| Permit Citation/ SWMP Element | Permit Requirement/Quantifiable SWMP Activity | Number of Activities Performed | | Documentation / Record | Entity Performing the Activity | Comments |
| | <p>PRIVATE SITES: Active construction sites</p> <p>PRIVATE SITES: Pre-, During, and Post inspections of active construction sites for E&S and waste control BMPs</p> <p>PRIVATE SITES: Percentage of active construction sites inspected</p> <p>Enforcement Action</p> | 0 | | Certificate of Occupancy / Certificate of Construction Completion | City of Delray Beach Construction Inspection Dept. | 5 reported construction sites were on private residential property within the MS4. None of the private construction sites met the threshold for site area disturbance. |
| | | 0 | | Certificate of Occupancy / Certificate of Construction Completion | City of Delray Beach Construction Inspection Dept. | No construction sites met threshold for site area disturbance |
| | | 0 | | | | |
| | | 0 | | N/A | | No NOVs, Stop Work Orders, Fines, etc. issued. |
| Part III.A.9.c | Construction Site Runoff — Site Operator Training | | | | | |
| | Report the type of training activities, the number of inspectors, site plan reviewers and site operators trained (both in-house and outside training). | | | | | |
| | | DEP Certification | Annual Training | | | |
| | Permittee construction site inspectors | 2 | 3 | DEP Certification – Mathews Consulting & City of Delray Beach Inspectors | City of Delray Beach Construction Inspection Dept. & Mathews Consulting | Construction site inspections performed by City of Delray Beach staff for private sites and Mathews Consulting provided construction site inspections for 3140 Polo Drive Stormwater Outfall project. |

| SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE | | | | | | |
|--|---|---------------------------------------|---|---|---|---|
| A. | B. | C. | | D. | E. | F. |
| Permit Citation/ SWMP Element | Permit Requirement/Quantifiable SWMP Activity | Number of Activities Performed | | Documentation / Record | Entity Performing the Activity | Comments |
| | Permittee construction site plan reviewers | | 1 | DEP Certification – Mathews Consulting | Mathews Consulting | Town contracted with Mathews Consulting to perform all construction administration and site inspection for the 3140 Polo Drive Outfall project. |
| | Permittee construction site operators | | 1 | DEP Certification – Mathews Consulting | Mathews Consulting | Town contracted with Mathews Consulting to perform all construction administration and site inspection for the 3140 Polo Drive Outfall project. |
| Part III.A.9 Summary | Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. | | | | | |
| | Strengths: The Town contracts inspections for all private sites to the City of Delray Beach who inspects and reports on 100% of the private construction projects. The Town contracted with Mathews Consulting for inspections of the 3140 Polo Drive Outfall project, which was the only permittee active construction site during this reporting period. Daily patrols by Town staff ensure all activity is monitored. | | | | | |
| | Limitations: None. | | | | | |
| | SWMP revisions implemented to address limitations: N/A | | | | | |

SECTION VIII. CHANGES TO THE STORMWATER MANAGEMENT PROGRAM (SWMP) ACTIVITIES (Not Applicable in Year 4)

| | | |
|-----------|--|---|
| A. | Permit Citation/ SWMP Element | Proposed Changes to the Stormwater Management Program Activities Established as Specific Requirements Under Part III.A of the Permit (Including the Rationale for the Change) — REQUIRES DEP APPROVAL PRIOR TO CHANGE IF PROPOSING TO REPLACE OR DELETE AN ACTIVITY. |
| | | N/A |
| | | |
| B. | Permit Citation/ SWMP Element | Changes to the Stormwater Management Program Activities NOT Established as Specific Requirements Under Part III.A of the Permit (Including the Rationale for the Change) |
| | | N/A |
| | | |

SECTION IX. TMDL Status Report

| A. | YEAR 1 Provide a table summarizing the status of the TMDL process. Include a list of prioritized TMDLs and their monitoring and implementation schedule; and include the Identification number of the outfall prioritized for TMDL monitoring. | | | | | | | | |
|-----------|---|---------------------------------|--|---|---|---------------|---------------------|---|----------------------------------|
| | WBID Number | Segment/ Waterbody/ Basin | Pollutant of Concern | TMDL DEP / EPA | Percent Reduction (WLA) | Priority Rank | Priority Outfall | Monitoring Summary / BPCP Due Date | Supplemental SWMP Due Date |
| | N/A | | | <input type="checkbox"/> / <input type="checkbox"/> | | | | (Year 3 AR) | (Year 4 AR; N/A) if BPCP) |
| | | | | <input type="checkbox"/> / <input type="checkbox"/> | | | | | |
| B. | YEAR 3 and annually thereafter, provide a summary of the estimated load reductions that have occurred for the pollutant(s) of concern being discharged from the MS4 to the TMDL water body during the reporting period and cumulatively since the date the Supplemental SWMP was implemented. Year 3: Submit a Monitoring data summary or BPCP (if applicable). Year 4: Submit a Supplemental SWMP (if applicable). | | | | | | | | |
| | WBID Number | Pollutant of Concern | Monitoring Summary / BPCP Submitted | Supplemental SWMP Submitted | Projected load reductions OR Actual load reductions to date | | | | |
| | N/A | | (Year 3 AR) | (Year 4 AR; N/A if BPCP) | | | | | |
| | | | | | | | | | |
| C. | Provide a brief statement as to the status of TMDL implementation according to Part VIII.B of the permit (e.g. status of monitoring to validate WLA): No discharge to a TMDL WBID at the time of permit issuance. | | | | | | | | |

Town of Gulf Stream - NPDES Permit No. FLS000018 - Cycle 4, Year 2

Appendix A – Summary Review of Local Codes

Review of Local Codes and Ordinances - Town of Gulf Stream

Code Section

Description

Chapter 22 - NUISANCES

Article I - In General

Section 22.1. Litter

It is unlawful to litter within the Town or within the Intracoastal Waterway, canal or the Atlantic ocean. This also applies to boaters.

Section 22-31(13) Prohibited

The pollution of any public well, stream, waterway etc. by sewage, dead animals, commercial wastes, or other substances is prohibited.

Section 22-31(19) Prohibited

Requires cleared land to be sprinkled or replanted to prohibit wind blown dust or dirt. References the requirement for land clearing permit.

Chapter 34 - UTILITIES

Article V - Stormwater Control (Town of Gulf Stream Stormwater Control Ordinance)

Section 34-98(d) Industrial Activity

Requires any person who holds a NPDES Permit to provide a copy of the permit to the Town no later than 60 calendar days after issuance
Prohibits discharges to stormwater system if not composed entirely of stormwater. With exceptions for fire fighting, irrigation water, water line flushing, condensate, car washing, etc.

Section 34-99 Illicit discharges

Section 34-99(d) Illicit Connections

Prohibition of non-permitted connections to the stormwater system.

Section 34-100(b) Spills and dumping

Prohibition of dumping wastes into stormwater system.

Section 34-100(c) Notification of spills

Requires reporting of spills to Town Manager.

Section 34-100(d) Administrative order

Allows the Town Manager or designee to issue a violation notice to persons illegally discharging to system.

Section 34-102 Inspections and monitoring

Requires property owner to allow entrance for inspections. Town Manager may require owner to monitor discharges to the stormwater system.

Review of Local Codes and Ordinances - Town of Gulf Stream

Code Section

Description

Chapter 38 - WATERWAYS

Article III - Watercraft

Section 38-75 Disposal of wastes prohibited

Prohibits disposal of wastes from vessel into waterways.

Article IV - Protection of Waterways/Regulation of Application of Fertilizers

Adoption of a "fertilizer friendly use ordinance" for protection of waterways. Includes requirements for best management practices, proper application of fertilizer, rates of application, application practices, management of grass clippings, requirements for applicator training and licensing.

Chapter 42 - BUILDING AND BUILDING REGULATIONS

SUBPART B - LAND DEVELOPMENT REGULATIONS

Article IV - Drainage Regulations

Section 42-92 Area with existing drainage systems

Requires a drainage permit be obtained for any project that alters the existing drainage flow. The application must include a drainage plan prepared by an engineer or architect that retains all runoff from the first one-inch of rainfall and to insure the drainage system will operate with a level of service for a 24 hr, 3 yr event.

Section 42-93 Area with no existing drainage system

Ensure adjoining properties are not adversely affected. Provide swales in ROW for retention of adequate capacity to retain runoff from one-inch rainfall and equivalent of 24 hr, 3 yr event on the ROW and adjacent and contiguous sites.

Section 42-94 Design criteria

Requires calculation of on-site pervious and impervious areas and containment of one-inch rainfall and the equivalent of a 24 hr, 3 yr storm event.

Chapter 44 - CONCURRENCY MANAGEMENT SYSTEM

Article IV - Rules for Concurrency Assessment

Review of Local Codes and Ordinances - Town of Gulf Stream

Code Section

Description

Section 44-105 Stormwater drainage.

Requires new residential and nonresidential development to prepare a stormwater drainage study to determine the impacts of the development on the existing drainage system.

Chapter 48 - FLOOD PREVENTION AND PROTECTION

Article I - In General

Control of earthwork, filling and other developments which may increase erosion and flood hazards.

Section 48-37 Same - Duties

Requires planning and building administrator to review flood elevation relative to proposed finished floor elevations.

Section 48-38 Development permit

Lists the requirements for development permit application to planning and building administrator. Application must include a description of the extend to which any watercourse will be altered.

Article III - Flood Hazard Reduction

Section 48-61 - General provisions

New and replacement sanitary sewage systems shall be designed to minimize or eliminate infiltration of floodwaters into or from the systems into the floodwaters.

On-site waste disposal systems shall be located to avoid impairment to them or contamination from them during flooding.

Chapter 52 - MARINE FACILITIES, STRUCTURES AND PLACES

Article I - In General

Section 52-28 Turbidity screens

Requirements for turbidity screens during construction of seawalls or shoreline protection.

Article III - Marinas

Section 52-53(7) Standards

Design standards required to reduce stormwater runoff volumes and erosion. Use of impervious ground srufacing should be minimized. Maintain reasonable distances between parking and loading areas and adjacent water bodies to minimize site runoff impacts.

Review of Local Codes and Ordinances - Town of Gulf Stream

Code Section

Description

Section 52-53(9) Standards

Proposed marinas are required to maintain state water quality standards.

Article IV - Wetlands

Section 52-76 Standards adopted

The Town adopts Palm Beach County Wetlands Protection Ordinance, Ordinance 90-5.

Chapter 58 - PLANNING AND DEVELOPMENT

Article VI - Land Clearing

Land clearing permits are required.

Chapter 62 - SUBDIVISION

Section 62-10 Criteria for subdivision review

Requires that propose subdivision shall prevent the pollution of air and water resources; ensure the adequacy of surface water management facilities; safeguard the groundwater resources; and encourage conservation and protection of natural resources.

Chapter 70 - GULF STREAM DESIGN MANUAL

Article III - Use Regulations

Single Family residential is the only permitted use within the Town

Article IV - Site Development Regulations

Section 70-71 Floor area ratios

Floor Area Ratio restrictions are placed on all development.

Section 70-74 Setbacks

Setback restrictions are placed on all development.

Section 70-80 Landscape open space

A minimum of 40% of the lot area must be landscaped open space.

RECOMMENDATION OF CODE IMPLEMENTATION AND ENHANCEMENT:

The review of the Town's Code of Ordinances was to analyze existing codes and identify areas of improvement with regards to stormwater practices with respect to new and redevelopment efforts within the Town. After review, the Town has determined that no changes to the current Code of Ordinances is necessary at this time. The Town will continue to monitor land development regulations and local codes as necessary for future opportunities for improvement.

Town of Gulf Stream - NPDES Permit No. FLS000018 - Cycle 4, Year 2

Appendix B – Fertilizer Ordinance No. 11-7

ORDINANCE NO. 11/7

1
2
3 AN ORDINANCE OF THE TOWN COMMISSION OF THE
4 TOWN OF GULF STREAM, PALM BEACH COUNTY,
5 FLORIDA, FOCUSING ON EXCESSIVE NUTRIENT
6 LEVELS IN PALM BEACH COUNTY WATER BODIES;
7 PROVIDING FOR TITLE; PROVIDING FOR DEFINITIONS;
8 PROVIDING FOR FINDINGS; PROVIDING FOR PURPOSE
9 AND INTENT; PROVIDING FOR APPLICABILITY;
10 PROVIDING FOR TIMING OF FERTILIZER
11 APPLICATIONS; PROVIDING FOR FERTILIZER FREE
12 ZONES; PROVIDING FOR FERTILIZER CONTENT AND
13 APPLICATION RATES; PROVIDING FOR FERTILIZER
14 APPLICATION PRACTICES; PROVIDING FOR
15 MANAGEMENT OF GRASS CLIPPINGS AND
16 VEGETATIVE MATTER; PROVIDING FOR EXEMPTIONS;
17 PROVIDING FOR TRAINING; PROVIDING FOR
18 LICENSING OF COMMERCIAL APPLICATORS;
19 PROVIDING FOR ENFORCEMENT; PROVIDING FOR
20 PENALTIES; PROVIDING FOR APPEAL; PROVIDING
21 FOR SEVERABILITY; PROVIDING FOR INCLUSION IN
22 THE CODE OF LAWS AND ORDINANCES; PROVIDING
23 FOR ENFORCEMENT; PROVIDING FOR CAPTIONS; AND
24 PROVIDING FOR AN EFFECTIVE DATE.
25

26 WHEREAS, pursuant to Section 303(d) of the federal Clean Water Act and the
27 resulting Florida Impaired Waters Rule (Chapter 62-303, Florida Administrative Code),
28 the Florida Department of Environmental Protection (FDEP) has classified specific
29 water bodies in Palm Beach County as "impaired" as a result of the presence of
30 excessive nutrients; and

31 WHEREAS, Florida Statute, Section 403.9337 requires local governments
32 located within the watershed of a water body or water segment that is listed as impaired
33 by nutrients pursuant to Florida Statute, Section 403.067, adopt an ordinance for
34 Florida-Friendly™ fertilizer use on urban landscapes; and

35 WHEREAS, the FDEP on the 2nd day of March 2011, issued its Palm Beach
36 County Municipal Separate Storm Sewer System Permit No. FLS 000018-003
37 (hereinafter referred to as the "MS4 Permit") to forty-one (41) governmental entities
38 including the Town of Gulf Stream; and

39 WHEREAS, the MS4 permit requires local governments within the watershed of
40 a nutrient impaired water body to adopt FDEP's Model Ordinance for Florida Friendly
41 Fertilizer Use on Urban Landscapes or an Ordinance that includes all the requirements
42 set forth in the Model Ordinance; and

43 WHEREAS, surface water runoff and base flow runoff leaves residential
44 neighborhoods, commercial centers, industrial areas, and other lands of Palm Beach

1 County and enters into natural and artificial stormwater and drainage conveyances and
2 natural water bodies in Palm Beach County; and

3 **WHEREAS**, phosphorus and nitrogen, the primary nutrients associated with the
4 degradation of surface water, are commonly the primary components of fertilizer for turf
5 and landscape application; and

6 **WHEREAS**, the quality of streams, lakes, and wetlands is important to
7 environmental, economic, and recreational prosperity and to the health, safety, and
8 welfare of the residents of Palm Beach County; and

9 **WHEREAS**, algae blooms and accelerated growth of aquatic weeds in Palm
10 Beach County's water bodies have heightened community concerns about water quality
11 and eutrophication of surrounding waters; and

12 **WHEREAS**, it is generally recognized that Eastern Palm Beach County soils
13 naturally have adequate phosphorus content for most vegetative needs and that
14 additional phosphorus is therefore only occasionally needed to create or maintain a
15 vibrant landscape; and

16 **WHEREAS**, it has been recognized that proper application of slow-release
17 nitrogen sources is more efficiently used by plants and less likely to leach or runoff; and

18 **WHEREAS**, this Ordinance is part of a regulatory program to address nonpoint
19 sources of nutrient pollution which is scientifically based, and economically and
20 technically feasible; and

21 **WHEREAS**, in the process of adoption of this Ordinance, the Town Commission
22 of the Town of Gulf Stream has considered scientific information, including input from
23 the Department of Environmental Protection, the Department of Agriculture and
24 Consumer Services, and the University of Florida Institute of Food and Agricultural
25 Sciences.

26 **NOW, THEREFORE, BE IT ORDAINED BY THE TOWN COMMISSION OF THE**
27 **TOWN OF GULF STREAM, PALM BEACH COUNTY, FLORIDA, that:**

28 **SECTION I. TITLE**

29 This Ordinance shall be known as the Fertilizer-Friendly Use Ordinance.

30 **SECTION II. DEFINITIONS**

31 For this Ordinance, the following terms shall have the meanings set forth in this
32 section unless the context clearly indicates otherwise.

1 1. "Application" or "Apply" means the actual physical deposition of fertilizer to
2 turf or landscape plants.

3 2. "Applicator" means any person who applies fertilizer on turf and/or
4 landscape plants in the Town of Gulf Stream.

5 3. "Approved Test" means a soil test from the University of Florida,
6 government, or other commercial licensed laboratory that regularly performs soil testing
7 and recommendations.

8 4. "Best Management Practices (BMP's)" means turf and landscape
9 practices or combination of practices based on research, field-testing, and expert
10 review, determined to be the most effective and practical site-specific means, including
11 economic and technological considerations, for improving water quality, conserving
12 water supplies and protecting natural resources.

13 5. "Code Enforcement Officer", "Official", or "Inspector" means any
14 designated employee or agent of the Town of Gulf Stream whose duty it is to enforce
15 codes and ordinances enacted by the Town of Gulf Stream.

16 6. "Commercial Fertilizer Applicator" except as provided in section
17 482.1562(9), F.S., means any person who applies fertilizer for payment or other
18 consideration to property not owned by the person or firm applying the fertilizer or the
19 employer of the applicators.

20 7. "Fertilizing", or "Fertilization" means the act of applying fertilizer to turf,
21 specialized turf, or landscape plants.

22 8. "Fertilizer" means any substance or mixture of substances that contains
23 one or more recognized plant nutrients and promotes plant growth, or controls soil
24 acidity or alkalinity, or provides other soil enrichment, or provides other corrective
25 measures to the soil.

26 9. "Institutional Applicator" means any person, other than a private, non-
27 commercial or a Commercial Applicator (unless such definitions also apply under the
28 circumstances), that applies fertilizer for the purpose of maintaining turf and/or
29 landscape plants. Institutional Applicators shall include, but shall not be limited to,
30 owners, managers, or employees of public lands, schools, parks, religious institutions,
31 utilities, industrial or business sites and any residential properties maintained in
32 condominium and/or common ownership.

1 or deposited, either intentionally or accidentally, on any impervious surface shall be
2 immediately and completely removed to the greatest extent practicable.

3 2. Fertilizer released on an impervious surface must be immediately
4 contained and either legally applied to turf or any other legal site, or returned to the
5 original or other appropriate container.

6 3. In no case shall fertilizer be washed, swept, or blown off impervious
7 surfaces into stormwater drains, ditches, conveyances, or water bodies.

8 4. Property owners and managers are encouraged to use an Integrated Pest
9 Management (IPM) strategy as currently recommended by the University of Florida
10 Cooperative Extension Service publications.

11 **SECTION X. MANAGEMENT OF GRASS CLIPPINGS AND VEGETATIVE MATTER**

12 In no case shall grass clippings, vegetative material, and/or vegetative debris
13 intentionally be washed, swept, or blown on to or into stormwater drains, ditches,
14 conveyances, water bodies, wetlands, sidewalks or roadways. . Vegetative material
15 may be placed within the roadway right-of-way, but not over the storm drains, for pickup
16 by the municipality's vegetative waste hauler.

17 **SECTION XI. TRAINING**

18 1. All commercial and institutional applicators of fertilizer within Palm Beach
19 County shall abide by and successfully complete the six-hour training program in the
20 "*Florida-Friendly Best Management Practices for Protection of Water Resources by the*
21 *Green Industries*" offered by the Florida Department of Environmental Protection
22 through the University of Florida/Palm Beach County Cooperative Extension Service
23 "Florida-Friendly Landscapes" program or an approved equivalent program.

24 2. Non-commercial and non-institutional applicators not otherwise required to
25 be certified, such as private citizens on their own residential property, are encouraged to
26 follow the recommendations of the University of Florida/IFAS "Florida-Friendly
27 Landscape Program" and label instructions when applying fertilizers.

28 **SECTION XII. LICENSING OF COMMERCIAL APPLICATORS**

29 1. All businesses applying fertilizer to turf or landscape plants (including, but
30 not limited to, residential lawns, golf courses, commercial properties, and multi-family
31 and condominium properties) must ensure that the business owner or his/her designee
32 holds the appropriate "*Florida-Friendly Best Management Practices for Protection of*

1 *Water Resources by the Green Industries*” training certificate prior to the business
2 owner obtaining a Local Business Tax Certificate. Owners for any category of
3 occupation which may apply any fertilizer to Turf and/or Landscape Plants shall provide
4 proof of completion of the program to the Town of Gulf Stream Tax Collector’s Office. It
5 is the responsibility of the business owner to maintain the “*Florida-Friendly Best*
6 *Management Practices for Protection of Water Resources by the Green Industries*”
7 certificate to receive their Business Tax Receipt annually.

8 2. After December 31, 2013, all commercial applicators of fertilizer within the
9 Town of Gulf Stream shall have and carry in their possession at all times when applying
10 fertilizer, evidence of certification by the Florida Department of Agriculture and
11 Consumer Services as a Commercial Fertilizer Applicator per Rule 5E-14.117(18),
12 Florida Administrative Code.

13 3. All businesses applying fertilizer to turf and/or landscape plants (including,
14 but not limited to, residential lawns, golf courses, commercial properties and multi-family
15 and condominium properties) must ensure that at least one (1) employee has an
16 appropriate “*Florida-Friendly Best Management Practices for Protection of Water*
17 *Resources by the Green Industries*” training certificate prior to the business owner
18 obtaining a Local Business Tax Certificate. Standard Business Tax Receipt (BTR and
19 transaction fees shall apply).

20 **SECTION XIII. ENFORCEMENT**

21 The provisions of this Ordinance shall be enforced by (1) the Town of Gulf
22 Stream Special Master pursuant to the authority granted by Section 162.01 et. seq.,
23 Florida Statutes, as may be amended and Article 10 of the Unified Land Development
24 Code, as may be amended, or (2) by the Town Commission of the Town of Gulf Stream
25 through its authority to enjoin and restrain any person violating the Unified Land
26 Development Code. The Town may pursue these or any other enforcement remedies
27 available to and applicable to the Town of Gulf Stream.

28 **SECTION XIV. PENALTIES**

29 1. Failure to comply with the requirements of this Ordinance shall constitute
30 a violation of this Ordinance and shall be punishable by a fine not to exceed \$250 per
31 incident for the violation, or a fine not to exceed \$500 per incident for a repeat violation,
32 and, in addition, may include all costs of repairs and remediation, including

1 administrative costs. Each new day the violation exists shall be considered a separate
2 incident. If the Special Master finds the violation to be irreparable or irreversible in
3 nature, it may impose a fine not to exceed \$5,000.00 per violation.

4 2. Funds generated by penalties imposed under this Ordinance shall be used
5 by the Town of Gulf Stream for the administration and enforcement of Section
6 403.9337, Florida Statutes, and the corresponding Sections of this Ordinance, and to
7 further water conservation and nonpoint pollution prevention activities.

8 **SECTION XV. APPEAL**

9 An aggrieved party, including the Town of Gulf Stream, may appeal a final
10 administrative order of a Special Master to the circuit court. Such an appeal shall not be
11 a hearing de novo, but shall be limited to appellate review of the record created before
12 the Special Master. An appeal shall be filed within thirty (30) days of the execution of
13 the order to be appealed.

14 **SECTION XVI. SEVERABILITY**

15 If any section, paragraph, sentence, clause, phrase, or word of this Ordinance is
16 for any reason held by a Court of competent jurisdiction to be unconstitutional,
17 inoperative, or void, such holding shall not affect the remainder of this Ordinance.

18 **SECTION XVII. INCLUSION IN THE CODE OF LAWS AND ORDINANCES**

19 The provisions of this Ordinance shall become and be made a part of the Town
20 of Gulf Stream Code. The sections of this Ordinance may be renumbered or relettered
21 to accomplish such, and the word "ordinance" may be changed to "section", "article", or
22 other appropriate word.

23 **SECTION XVIII. CAPTIONS**

24 The captions, section headings, and section designations used in this Ordinance
25 are for convenience only and shall have no effect on the interpretation of the provisions
26 of this Ordinance.

27 **SECTION XIX. EFFECTIVE DATE**

28 The provisions of this Ordinance shall become effective upon filing with the
29 Department of State.

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PASSED AND ADOPTED in a regular, adjourned session on first reading this
13th day of January, 2012, and for a second and final reading on this 10th
day of February, 2012

William F. Koch
Mayor
John A. Detwiler
Vice Mayor
William B. Boy
Commissioner
Dr. J. Anderson
Commissioner
Frank P. ...
Commissioner

ATTEST:
Rita L. Taylor
Clerk

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY

By: [Signature]
Town Attorney

EFFECTIVE DATE: Filed with the Department of State on the 10th day of
Feb., 2012.

Town of Gulf Stream - NPDES Permit No. FLS000018 - Cycle 4, Year 2

Appendix C – Section III. Part V.B. & Part V.C. Assessment Program

Town of Gulf Stream
MS4 Permit No. FLS000018-004
Cycle 4, Year 2
Section III. Part V.B.
Assessment Program
Summary

Background

The Town of Gulf Stream’s Assessment Program was approved by FDEP in 2018. The Group Monitoring Report is included in the Cycle 4 Joint Annual Report. The Town of Gulf Stream’s Assessment Program consists of the following components:

- Water Quality Monitoring
- Pollutant Loading Estimate
- Evaluation and Response

A summary of each assessment program component as it pertains to the Town of Gulf Stream during the Year 2 reporting cycle is included below.

Part A – Water Quality Monitoring Summary

Currently, the joint NPDES program in Palm Beach County collects ambient water quality data at several monitoring sites based on the location of major outfalls and TMDL’s within the County. For water quality monitoring, the Town of Gulf Stream is using the ambient water quality data provided by the joint program from site LWL18.

Palm Beach County Environmental Resource Management (ERM) performed the sampling at monitoring station LWL18 according the DEP’s Standard Operating Procedures. The parameters were sampled in accordance with the sampling frequency as outlined in the Assessment Program. The parameters sampled and sampling frequency is summarized in **Table 1** below. The Town’s Assessment Program will be evaluating total nitrogen and total phosphorous as nutrients appear to be a major concern for impairments in water bodies in the State of Florida. A summary of the historical trends for total nitrogen and total phosphorous samples at monitoring station LWL 18 is included in Part C.

**Table 1
Parameters and Sampling
Table**

| Monitoring Station # | Monitoring Parameters | Type of Monitoring | Collection Method | Sampling Frequency |
|-----------------------------|------------------------------|---------------------------|--------------------------|---------------------------|
| LWL18 | Arsenic | Ambient Water Quality | Grab Samples | Quarterly |
| LWL18 | Cadmium | Ambient Water Quality | Grab Samples | Quarterly |
| LWL18 | Chlorophyll-a | Ambient Water Quality | Grab Samples | Monthly |
| LWL18 | Copper | Ambient Water Quality | Grab Samples | Quarterly |
| LWL18 | Dissolved Oxygen | Ambient Water Quality | Grab Samples | Monthly |
| LWL18 | Lead | Ambient Water Quality | Grab Samples | Quarterly |
| LWL18 | Nitrogen, Ammonia | Ambient Water Quality | Grab Samples | Monthly |
| LWL18 | Nitrogen, Nitrate-Nitrite | Ambient Water Quality | Grab Samples | Monthly |
| LWL18 | Nitrogen, Total | Ambient Water Quality | Grab Samples | Monthly |
| LWL18 | pH | Ambient Water Quality | Grab Samples | Monthly |
| LWL18 | Phosphorous, Orthophosphate | Ambient Water Quality | Grab Samples | Monthly |
| LWL18 | Phosphorous, Total Kjeldahl | Ambient Water Quality | Grab Samples | Monthly |
| LWL18 | Salinity | Ambient Water Quality | Grab Samples | Monthly |
| LWL18 | Specific Conductivity | Ambient Water Quality | Grab Samples | Monthly |
| LWL18 | Temperature | Ambient Water Quality | Grab Samples | Monthly |
| LWL18 | Turbidity | Ambient Water Quality | Grab Samples | Monthly |
| LWL18 | Zinc | Ambient Water Quality | Grab Samples | Quarterly |

Part B – Pollutant Loading Estimate Summary

The Palm Beach County MS4 permittee group will be developing pollutant loading estimates during the 3rd year of this permit cycle, using the SIMPLE protocol.

During Year 2 of this permit cycle, the Town of Gulf Stream reviewed and provided the following updated information to the Palm Beach County MS4 permittee group:

- MS4 contributing areas to each receiving water
- Town extents
- Land Uses
- Water Quality Best Management Practices (BMPs)

The group’s estimated pollutant loading results will be provided to the Town of Gulf Stream for use in the Year 3 Assessment Report Summary.

Part C – Evaluation and Response Summary

Per the Town’s Assessment Program, sampling data information for total nitrogen and total phosphorous at site LWL 18 has been extracted from prior joint annual reports in order to provide a historical comparison of the nutrient levels at site LWL 18. The sampling data obtained for use in this analysis spans from October 2011 to September 2018. This historical sampling data will be compared to the Numeric Nutrient Criteria for the Southern Lake Worth Lagoon as shown in **Table 1** below. The Specific Narrative Nutrient Criterion for total phosphorous and total nitrogen are expressed as annual geometric means (AGM) and are based on the criteria set forth in FAC Rule 62-302.532. Please refer to the PBC Joint Annual

Report for further information regarding the derivation of the Numeric Nutrient Criteria specific to Palm Beach County estuaries / marine water bodies and fresh water lakes.

Table 1
State of Florida Numeric Interpretation of the Estuary
Specific Narrative Nutrient Criterion per Rule 62-302.32

| Estuary | Total Nitrogen | Total Phosphorous |
|----------------------------|-------------------|--------------------|
| Southern Lake Worth Lagoon | 0.59 mg/L as AGM* | 0.050 mg/L as AGM* |

*Refer to PBC Joint Annual Report for further information regarding derivation of annual geometric mean (AGM)

Figure 1 shows the sampling data for total nitrogen in mg/L at sampling station LWL-18 and the corresponding date that the samples were taken. The linear trend line shown on the graph shows a slight up-trend from 2011 to 2018, but overall the majority of the samples taken are substantially below the total nitrogen numeric criteria of 0.59 mg/L as AGM.

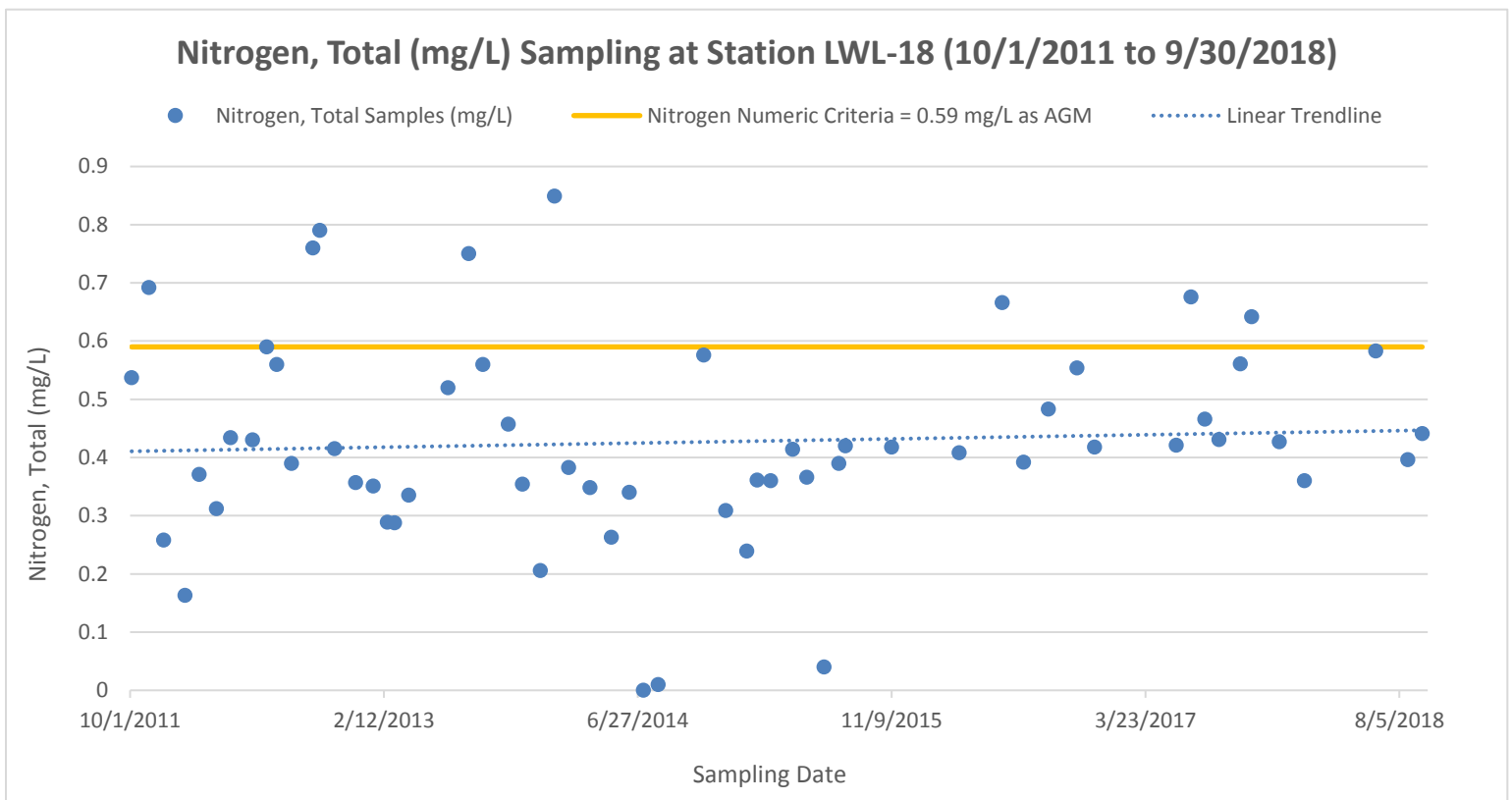


Figure 1: Total Nitrogen Samples (mg/L) vs. Date Sample Collected (10/1/2011 to 9/30/2018)

Table 2 shows the specific total nitrogen sampling data at monitoring site LWL-18 for the Cycle 4, Year 2 Reporting Period. The calculated geometric mean for total nitrogen for this reporting period at monitoring station LWL-18 is 0.465 mg/L. The calculated geometric mean specifically for this reporting period is less than the specific narrative nutrient criterion per Rule 62-302.532 of 0.59 mg/L as AGM for the Southern Lake Worth Lagoon.

Table 2
LWL-18 Total Nitrogen Samples for Cycle 4, Year 2

| LWL-18 | Monitoring Parameter |
|------------|------------------------|
| Date | Nitrogen, Total (mg/L) |
| 10/18/2017 | 0.642 |
| 12/12/2017 | 0.427 |
| 1/30/2018 | 0.36 |
| 6/20/2018 | 0.583 |
| 8/22/2018 | 0.396 |
| 9/19/2018 | 0.441 |

Figure 2 shows the sampling data for total phosphorus in mg/L at sampling station LWL-18 and the corresponding date that the samples were taken. The linear trend line shown on the graph shows a slight up-trend from 2011 to 2018, but overall the majority of the samples taken are below or equal to the total phosphorous numeric criteria of 0.050 mg/L as AGM.

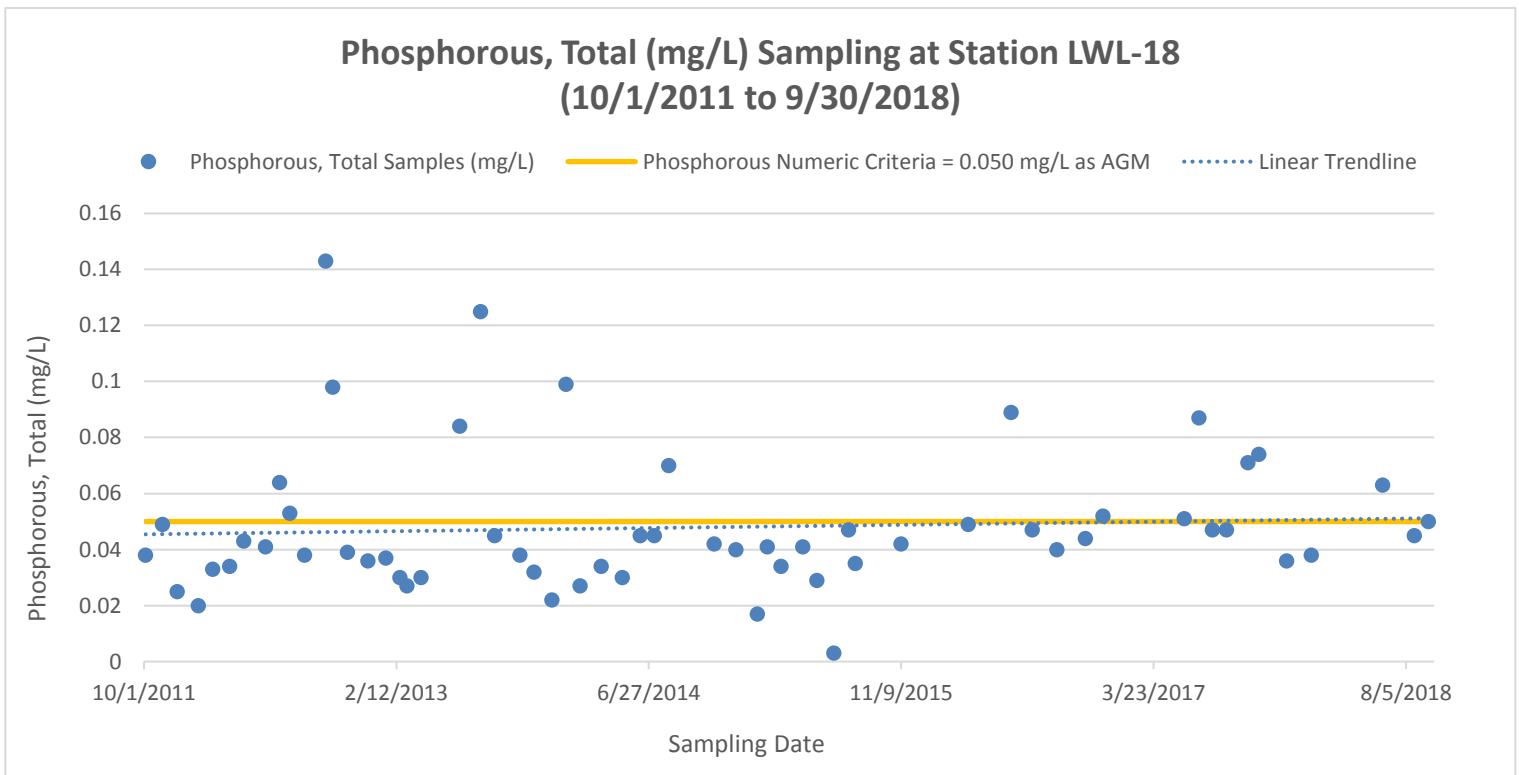


Figure 2: Total Phosphorous Samples (mg/L) vs. Date Sample Collected (10/1/2011 to 9/30/2018)

Table 3 shows the specific total phosphorous sampling data at monitoring site LWL-18 for the Cycle 4, Year 2 Reporting Period. The calculated geometric mean for total phosphorous for this reporting period at monitoring station LWL-18 is 0.0493 mg/L. The calculated geometric mean specifically for this reporting period is less than the specific narrative nutrient criterion per Rule 62-302.532 of 0.050 mg/L as AGM for the Southern Lake Worth Lagoon.

Table 2
LWL-18 Total Phosphorous Samples for Cycle 4, Year 2

| LWL-18 | Monitoring Parameter |
|------------|---------------------------|
| Date | Phosphorous, Total (mg/L) |
| 10/18/2017 | 0.074 |
| 12/12/2017 | 0.036 |
| 1/30/2018 | 0.038 |
| 6/20/2018 | 0.063 |
| 8/22/2018 | 0.045 |
| 9/19/2018 | 0.05 |

Part D – Cycle 4, Year 2 Reporting Period Conclusions

In summary, the historical evaluation of the total nitrogen and total phosphorous samples at monitoring station LWL-18 shows that on average the samples are below their respective numeric nutrient criteria. For the Cycle 4, Year 2 Reporting period the calculated average geometric means for both total nitrogen and total phosphorous were below their respective specific narrative nutrient criterion for the Southern Lake Worth Lagoon.

The Town of Gulf Stream currently has no major outfalls, and based on this assessment program summary, the Town’s existing stormwater management programs are proven effective. At this time, no additional stormwater management control measures are proposed for the Town of Gulf Stream’s MS4.