



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 South Palm Beach | | |
| B. | Permit Name: Palm Beach County MS4 | | |
| C. | Permit Number: FLS000018-004 | | |
| D. | Annual Report Year: <input type="checkbox"/> Year 1 <input type="checkbox"/> Year 2 <input checked="" 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): 10 / 2018 through 9 / 2019 | | |
| F. | Name of the Responsible Authority: Robert Kellogg | | |
| | Title: Town Manager | | |
| | Mailing Address: 3577 South Ocean Boulevard | | |
| | City: South Palm Beach | Zip Code: 33480 | County: Palm Beach |
| | Telephone Number: 561-588-8889 | | Fax Number: 561-588-6632 |
| E-mail Address: rkellogg@southpalmbeach.com | | | |
| 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): 0 (Does this number include non-major outfalls? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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 checked="" 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 type="checkbox"/> No <input checked="" 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). Status: The monitoring program is carried out jointly by the PBC permittees. See the PBC Joint Annual Report. The Town of South Palm Beach is exempt from providing an Assessment Report pursuant to the Florida Department of Environmental Protection's letter dated June 5, 2019.</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>See attached PBC Group Annual Report.</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>See attached PBC Group Annual Report.</p> |

SECTION IV. FISCAL ANALYSIS

| | |
|-----------|--|
| A. | Total expenditures for the NPDES stormwater management program for the current reporting year: \$438,900, see below. |
| B. | Total budget for the NPDES stormwater management program for the subsequent reporting year: \$505,000, see below |
| C. | <p>Did the current reporting year resources decrease from the previous year? Y <input type="checkbox"/> / N <input checked="" type="checkbox"/></p> <p>If program resources decreased, provide a discussion of the impacts on the implementation of the SWMP.</p> <p>Expenditures were \$9,200 in FY18-19 for stormwater but the budget was only \$3,500. In addition a sanitary sewer rehabilitation program was initiated in FY18-19 that will be completed in FY19-20. Sanitary sewer backups have been a problem and one overflow occurred. The total sanitary sewer expenditures in FY18-19 were \$428,700. These two expenditures total the above \$438,900.</p> <p>The Town has budgeted \$25,000 for stormwater and \$480,000 to finish up the sanitary sewer for a total FY19-20 budget of \$505,000.</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 type="checkbox"/> | <input checked="" 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 | |
| <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 | See Joint Annual 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 type="checkbox"/> | <input checked="" type="checkbox"/> | YEAR 2: A summary review of codes and regulations to reduce the stormwater impact from development. | Part III.A.2 | |
| <input checked="" type="checkbox"/> | <input 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 | See Joint Annual Report |
| <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): Robert Kellogg

Title: Town Manager

Signature:  Date: 12/5/2019

| 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 | | | | |
| | pipes / culverts (feet) | 36 | 12 | 100 | 0 | 100 | CRS Log & FOR | Town Staff &Town Engineer | One pipe & inlet | |
| | Inlets / catch basins / grates | 1 | 12 | 100 | 0 | 100 | CRS Log | Town Engineer | | |
| | <p>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.</p> | | | | | <input type="checkbox"/> | | | | Met Requirements |

| 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 Summary | Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. | | | | | |
| | Strengths: Small system at Town Hall. Staff present every day of year. Camera records activity. | | | | | |
| | Limitations: No area for expansion, no BMP's. | | | | | |
| | 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 | | | None |
| | Number of significant development projects approved | | 0 | | | None |
| | 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 type="checkbox"/> | | | N/A |
| | Year 4 ONLY: Attach the follow-up report on plan implementation | | <input type="checkbox"/> | | | 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: Small system at Town Hall. Staff present every day of year. Camera records activity 24/7. | | | | | |
| | Limitations: No area for expansion, no BMP's. | | | | | |
| | 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 | | Weekly | See SOP | Town Staff | |
| | PERMITTEE Litter Control: Estimated amount of area maintained (Ac) | | 0.88 | Outfall Map | Town Staff | |
| | PERMITTEE Litter Control: Estimated amount of litter collected (bags) | | 10-20 | See SOP | Town Staff | |
| | CONTRACTOR Litter Control: Frequency of litter collection | | 0 | | | |
| | CONTRACTOR Litter Control: Estimated amount of area maintained (lf) | | | | | |
| | CONTRACTOR Litter Control: Estimated amount of litter collected (cy) | | | | | |
| | 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 | | | |
| | Trash Pick-up Events: Estimated amount of litter collected (cy) | | | | | |
| | Adopt-A-Road: Total miles cleaned | | | | | |
| | Adopt-A-Road: Estimated amount of litter collected (cy) | | | | | |
| | 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. | | | | | |

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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 |
| | Frequency of street sweeping | 0 | | | No curb & gutter |
| | Total miles swept | | | | |
| | Estimated quantity of sweeping material collected (cy / tons) | | | | |
| | Total phosphorous loadings removed (pounds) | | | | |
| | Total nitrogen loadings removed (pounds) | | | | |
| | 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 | | | |
| | N/A | | | | |
| | | | | | |
| Part III.A.3 Summary | Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. | | | | |
| | Strengths: N/A | | | | |
| | Limitations: N/A | | | | |
| | 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 |
| | Flood control projects completed that did <u>not</u> include stormwater treatment | 0 | | | |
| | Stormwater retrofit projects planned/under construction | 0 | | | |
| | Stormwater retrofit projects completed | 0 | | | |
| | 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 | 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: N/A | | | | |
| | Limitations: N/A | | | | |
| | 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 | | | |
| | N/A | | | | |
| | | | | | |
| Part III.A.5 Summary | Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. | | | | |
| | Strengths: N/A | | | | |
| | Limitations: N/A | | | | |
| | 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 | N/A | N/A | No Program |
| | CONTRACTORS: FDACS commercial applicators of pesticides/ herbicides | 0 | N/A | N/A | No Program |
| | PERSONNEL: Green Industry BMP Program training completed | 0 | N/A | N/A | No Program |
| | CONTRACTORS: FDACS certified / licensed applicators of fertilizer | 0 | N/A | N/A | No Program |
| | 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 type="checkbox"/> | | | N/A |
| | 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. | | | |
| Part III.A.6 Summary | Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. | | | | |
| | Strengths: The group program is effective | | | | |
| | Limitations: N/A | | | | |
| | 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. | | | | |

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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 |
| | Year 4 ONLY: Attach a report on amendments to applicable legal authority | <input type="checkbox"/> | | | |
| 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 | CRS Log & FOR | Town & Engineer | See A.1. |
| | Illicit discharges found during a proactive inspection | 0 | 0 | 0 | |
| | NOV/WL/citation/fines issued for illicit discharges found during proactive inspection | 0 | 0 | 0 | |
| | 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 | N/A | N/A | |
| | 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. | | | | |
| | Personnel trained | 1 | Sign In Sheets | PBC Steering Committee | Jay Foy |
| | Contractors trained | 0 | N/A | N/A | |
| 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 | Sign In Sheets | PBC Steering Committee | Jay Foy |
| | 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 | 1 | Sign In Sheets | PBC Steering Committee | Jay Foy |
| | Contractors trained | 0 | N/A | N/A | |
| 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. | | | |

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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.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. | | | |
| 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 | Town of South Palm Beach | | | |
| | Activity to reduce/eliminate SSOs and I&I: (description) | 2,425 lf | Engr's Report | Miller Pipeline | Clean Main |
| | Activity to reduce/eliminate SSOs and I&I: (description) | 395 lf | Engr's Report | Miller Pipeline | Lined Main |
| | Activity to reduce/eliminate SSOs and I&I: (description) | 750 lf | Engr's Report | Miller Pipeline | Cleaned, Lined, and installed new Laterals |
| | SSO incidents discovered | 1 | FDEP, HD & Engr's Reports | Miller Pipeline | |
| | SSO incidents resolved | 1 | FDEP, HD & Engr's Reports | Miller Pipeline | |
| | Inflow / infiltration incidents discovered | 0 | | | |
| | Inflow / infiltration incidents resolved | 0 | | | |
| 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: N/A | | | | |
| | Limitations: N/A | | | | |
| | 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. | | | | |

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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 |
| | Type of Facility | Number of Facilities | Number of Inspections | Enforcement Actions | | | |
| | Operating municipal landfills | 0 | N/A | N/A | N/A | N/A | |
| | Hazardous waste treatment, storage, disposal and recovery (HWTSDR) facilities | 0 | N/A | N/A | N/A | N/A | |
| | EPCRA Title III, Section 313 facilities (TRI) | 0 | N/A | N/A | N/A | N/A | |
| | Facilities determined as high risk by the permittee | 0 | N/A | N/A | N/A | N/A | |
| 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 | | | N/A | N/A | |
| Part III.A.8 Summary | Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. | | | | | | |
| | Strengths: N/A | | | | | | |
| | Limitations: N/A | | | | | | |
| | 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 | 0 | | | | | |
| | PERMITTEE SITES: Construction site plans approved | 0 | | | | | |
| | PRIVATE SITES: Construction site plans reviewed | 0 | | | | | |
| | PRIVATE SITES: Construction site plans approved | 0 | | | | | |
| | 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 | | | | | |
| | Confirmed ERP coverage | 0 | | | | | |
| | Notified of CGP stormwater permit requirements | 0 | | | | | |
| | 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 | 0 | | | | | |
| | PERMITTEE SITES: Pre-, During, and Post inspections of active construction | 0 | | | | | |

| 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 |
| | sites for E&S and waste control BMPs | | | | | |
| | PERMITTEE SITES: Percentage of active construction sites inspected | | 0 | | | |
| | PRIVATE SITES: Active construction sites | | 0 | | | |
| | PRIVATE SITES: Pre-, During, and Post inspections of active construction sites for E&S and waste control BMPs | | 0 | | | |
| | PRIVATE SITES: Percentage of active construction sites inspected | | 0 | | | |
| | Enforcement Action | | 0 | | | |
| 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 | 1 | 1 | Sign In Sheet | PBC Steering Committee | Jay Foy |
| | Permittee construction site plan reviewers | | | | | |
| | Permittee construction site operators | | 0 | | | |
| Part III.A.9 Summary | Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. | | | | | |
| | Strengths: | | | | | |
| | Limitations: N/A | | | | | |
| | 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 | 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 | 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"/> | | 1 | | (Year 3 AR) | (Year 4 AR; N/A) if BPCP) |
| | N/A | | | <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 SOUTH PALM BEACH
MS4 Permit No. FLS000018-004
Water Quality Assessment Report FY18-19

The Town of South Palm Beach MS4 lies within the Lake Worth Lagoon Watershed, Central Section. South Palm Beach is a small coastal Town; approximately 2800' north to south and about 1125 feet wide from the Intracoastal Waterway to the Atlantic Ocean which consists primarily of private residential properties. The Town's MS4 property is its municipal site and is about 100' from north to south, and about 380' east to west. The 0.88 acre parcel abuts the Intracoastal Waterway. The Town's property does not include Ocean frontage. The Town's only NPDES outfall serves its municipal center that includes a parking lot and a small Police Department in the same building. The lot area is 0.88 acres all of which drains into one "C" Inlet with the outfall being 40' of 12" CMP. There is a flap gate on the discharge side of the pipe to restrict salt water from back-flowing into the parking lot. The drainage from this building and parking lot discharges into the Lake Worth Lagoon. The Town is using the ambient water quality monitoring data as collected by Palm Beach County Environmental Resource Management (ERM) at the LWL-11 monitoring station in Lake Worth Lagoon. This MS4 discharge is serving only the municipal center for which low pollutant loading rates are typical.

Water Quality Monitoring

The Town of South Palm Beach is bounded by the Atlantic Ocean on the east, the Town of Palm Beach on the north, the Lake Worth Lagoon (Intracoastal Waterway) on the west, and the Town of Lantana on the south. There is 1 stormwater outfall into Lake Worth Lagoon for the 0.88 municipal building and parking lot subject to MS4 reporting. The other areas within the municipal limits are private property not subject to the Town's MS4 reporting requirements. These private systems do not connect to the Town's 12" outfall. The pollutant contributions from this 0.88 acre area by South Palm Beach are de minimis.

A map of the PBC monitoring locations is attached for reference. This map also depicts the approximate Town boundaries. Please note the area depicted for the Town is the municipal boundary, the MS4 area is about 1% of the Town's municipal area. Also attached are the results of the monitoring in graphs of TN, TP, and Chlorophyll-a for location LWL-11 which is the closest monitoring station to the Town in the Lake Worth Lagoon.

The TN at LWL-11 is trending down at a rate of about 14 ppb/yr, indicated exceedances at the start of data collection, and is not currently indicating exceedances. The downward trend indicates improvements through the 14 years of data.

The TP at LWL-11 is trending down at a rate of about 0.6 ppb/yr, has indicated some exceedances, and is currently not indicating exceedances. The downward trend indicates improvements through the 14 years of data.

The Chlorophyll-a at LWL-11 is trending down at a rate of about 1 per year, indicated one exceedance at the start of data collection, and is not currently indicating exceedances.

Pollutant Loading Estimate

The Town of South Palm Beach is relying on the Group Report. The Group developed pollutant loading estimates during the 3rd year of this permit cycle, using the SIMPLE protocol. The group provided loadings estimates “by MS4” as listed below for the 6 required water quality parameters. The results as listed below include a 6% reduction in 2018 for public education as allowed by FDEP.

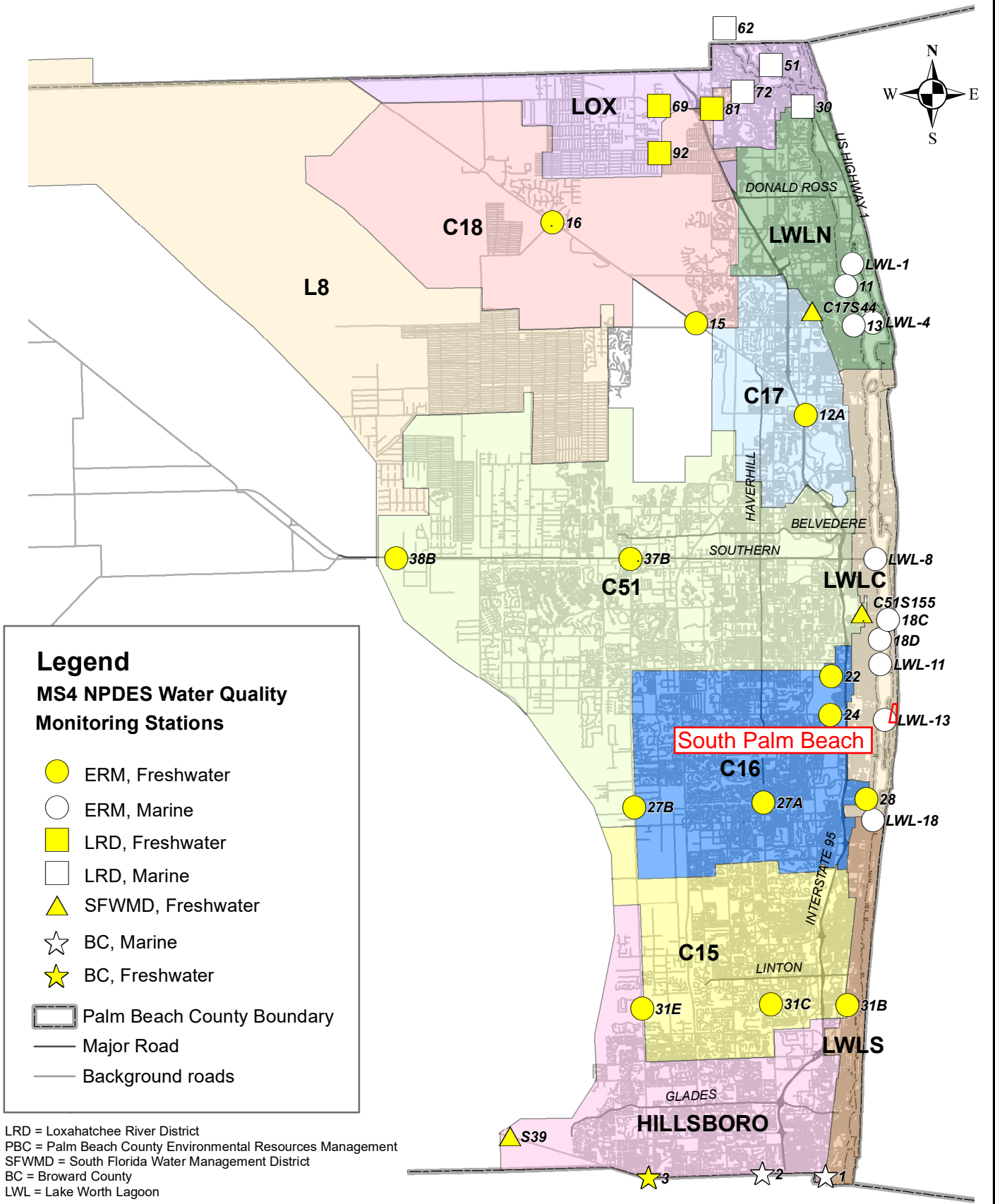
| | BOD ₅ ~lbs | TSS ~lbs | TP ~lbs | Cu ~lbs | Zn ~lbs | TN ~lbs | Area ~acres |
|------|-----------------------|----------|---------|---------|---------|---------|-------------|
| 2013 | 49 | 333 | 2 | 0 | 1 | 13 | 0.88 |
| 2018 | 46.1 | 313 | 1.9 | 0 | 0.9 | 12.2 | 0.88 |

The pollutant loading estimates indicate lower pollutant loadings over past two permit cycles as a result of the public education credit. A majority of the pollutant loadings appears to be from non-MS4 sources (see group report). The pollutant loading estimates indicate that the current stormwater pollution prevention programs in place are generally managing the stormwater runoff in terms of pollutant loadings, and implementation of additional programs is not warranted.

Evaluation and Response Plan

Both of the above analyses indicate reductions in nutrients and other indicators of water quality issues.

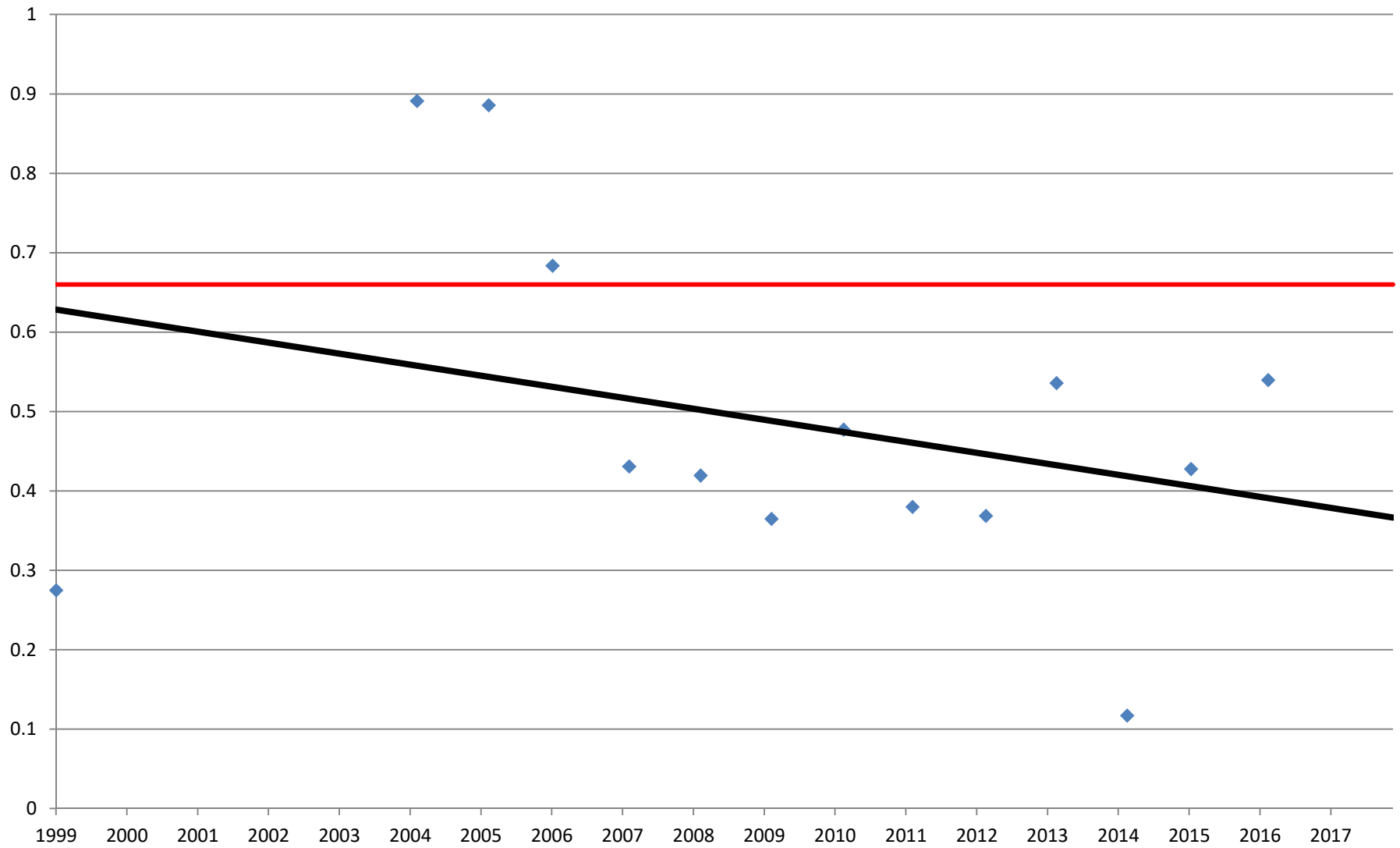
As a result of the above South Palm Beach is considered to have an effective stormwater management program. South Palm Beach is therefore not targeting any areas for loading reduction/corrective action.



Palm Beach County (Eastern Area) Watershed Boundaries and Water Quality Monitoring Stations Figure 5-1

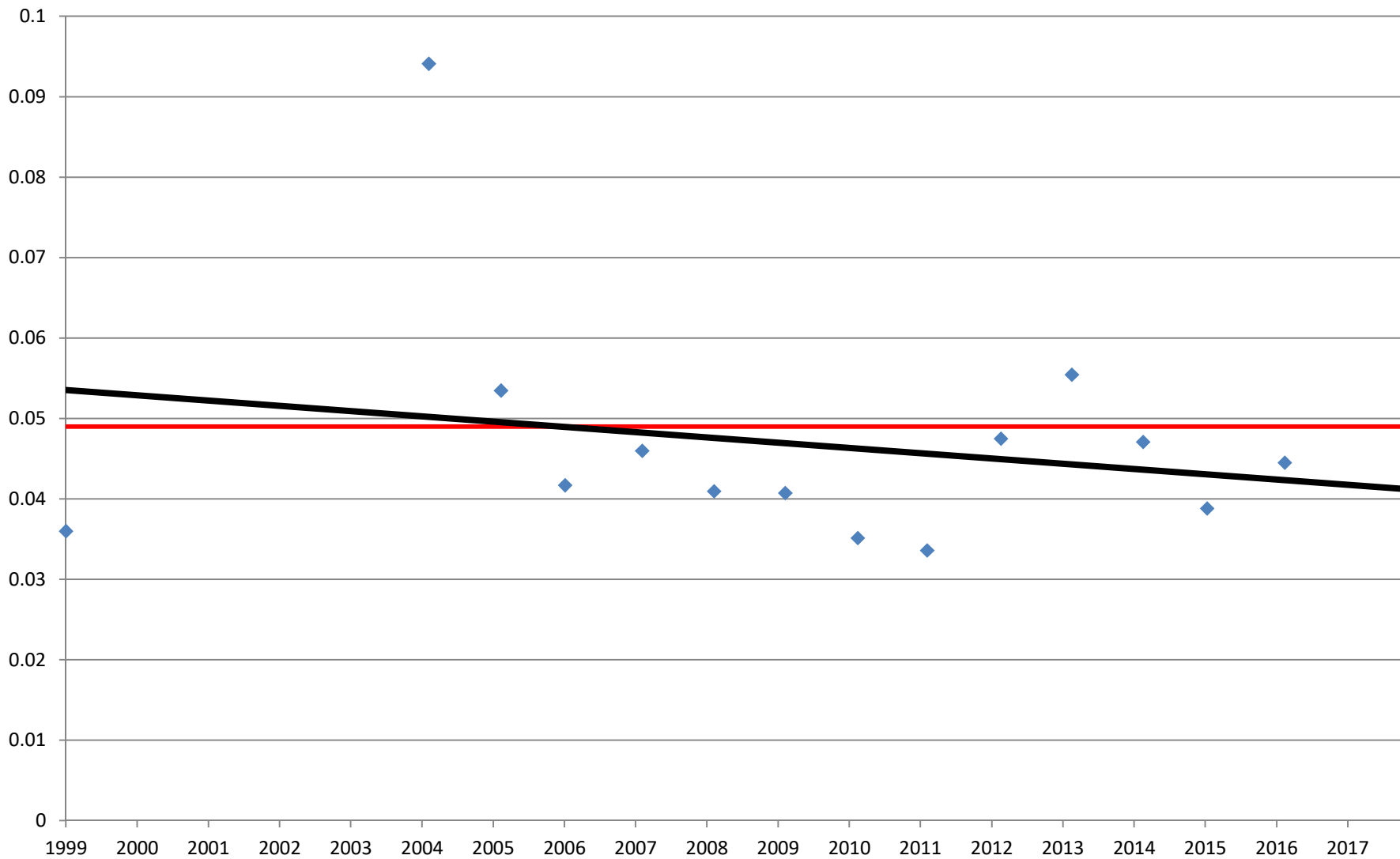
LWL-11 Nitrogen, Total (Annual Geometric Mean)

◆ TN — Excedance > 0.66 — TN Trendline



LWL-11 Phosphorus, Total (Annual Geometric Mean)

◆ TP — Excedance > 0.049 — TP Trendline



LWL-11 Chlorophyll-a (corrected) (Annual Geometric Mean)

◆ Chlor-a — Excedance > 10 — Chlor-a Trendline

