



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 Jupiter Inlet Colony | | |
| B. | Permit Name: Palm Beach County Municipal Separate Storm Sewer System | | |
| 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): Oct. / 2017 through Sept. / 2018 | | |
| F. | Name of the Responsible Authority: Dr. Daniel J. Comerford, III | | |
| | Title: Mayor | | |
| | Mailing Address: 50 Colony Road | | |
| | City: Jupiter Inlet Colony | Zip Code: 33469 | County: Palm Beach |
| | Telephone Number: 561-746-3787 | | Fax Number: 561-746-1068 |
| | E-mail Address: comerfordd@jupiterinletcolony.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): 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 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: The individual Assessment Plan for Jupiter Inlet Colony was submitted in September 2017. Comments from FDEP was received on January 9, 2019 and the report is currently under revision.</p> <p>Status: The Colony's individual Assessment Plan is being revised for submittal and further comments or approval 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>Please refer to Cycle 3, Year 6 Joint Annual Report for proposed pollutant loading analysis changes. The best available information on existing pollutant loading estimates is documented in the Cycle 3, Year 3 Joint Annual Report.</p> <p>The newly-developed, individual Assessment Plan is under review by FDEP and will be implemented upon approval by FDEP. Note that in any future reporting year, the group's water quality monitoring data for the reporting period may not be available for 4 to 6 months after the reporting period has ended. Consequently, any water quality data from the group program that is used as part of an individual permittee's Assessment Plan for the reporting period, will be based on the previous year's data.</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 response for Section III.B, above.</p> |

SECTION IV. FISCAL ANALYSIS

| | |
|-----------|--|
| A. | Total expenditures for the NPDES stormwater management program for the current reporting year: \$151,758.16 |
| B. | Total budget for the NPDES stormwater management program for the subsequent reporting year: \$2,287,393.00 |
| C. | <p>Did the current reporting year resources decrease from the previous year? Y <input type="checkbox"/> / N <input checked="" type="checkbox"/></p> <p>The program funds are reflective of the neighborhood rehabilitation effort that was completed this fiscal year. The amount indicated above was the total spent during this reporting period however, the total expenditures for the neighborhood rehabilitation effort to date is \$2,169,275.29.</p> <p>If program resources decreased, provide a discussion of the impacts on the implementation of the SWMP.</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 | |
| <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 | Attachment No.1 |
| <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): Dr. Daniel J. Comerford, III

Title: Mayor

Signature:  Date: 2 / 11 / 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 | | | |
| | | Dry retention systems | 0 | 0 | 0 | 0 | 0 | N/A | N/A |
| Underdrain filter systems | | 0 | 0 | 0 | 0 | 0 | N/A | N/A | None |
| Exfiltration trench / French drains (lf) | | 4480 | 2 | 100 | 0 | 100 | Inspection Reports | Kimley-Horn and/or Town Staff | Performed Monthly Inspections of Stormwater System |
| Grass treatment swales (miles) | | 5.6 | 2 | 100 | 0 | 100 | Inspection Reports | Kimley-Horn and/or Town Staff | Performed Monthly Inspections of Stormwater System |
| Dry detention systems | | 0 | 0 | 0 | 0 | 0 | N/A | N/A | None |
| Wet detention systems | | 0 | 0 | 0 | 0 | 0 | N/A | N/A | None |
| Detention with filtration systems | | 0 | 0 | 0 | 0 | 0 | N/A | N/A | None |
| Alum Injection systems | | 0 | 0 | 0 | 0 | 0 | N/A | N/A | None |
| Pollution control boxes | | 0 | 0 | 0 | 0 | 0 | N/A | N/A | None |
| pump stations | | 0 | 0 | 0 | 0 | 0 | N/A | N/A | None |
| Major outfalls | | 5 | 10 | 100 | 0 | 100 | Inspection Reports | Kimley-Horn and/or Town Staff | Performed Monthly Inspections of Stormwater System |
| Weirs or other control structures | | 0 | 0 | 0 | 0 | 0 | N/A | N/A | None |
| pipes / culverts (miles) | | 2194 | 2 | 100 | 0 | 100 | Inspection Reports | Kimley-Horn and/or Town | Performed Monthly |

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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 | | |
| | Canals | | | | | | | | | | Staff | Inspections of Stormwater System |
| | | | | | | Inlets / catch basins / grates | 0 | 0 | 0 | 0 | 0 | N/A |
| | Ditches / conveyance swales (miles) | 35 | 2 | 100 | 0 | 100 | Inspection Reports | Kimley-Horn and/or Town Staff | Performed Monthly Inspections of Stormwater System | | | |
| | | 0 | 0 | 0 | 0 | 0 | N/A | N/A | None | | | |
| | 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. | <input type="checkbox"/> | | | | | | | | | | |

| 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: No problem with the overall stormwater/drainage system serving the Town. All structural controls are in good operating condition and recently rehabilitated which requires minimal maintenance at the present time. | | | | |
| | Limitations: None | | | | |
| | SWMP revisions implemented to address limitations: No revisions recommended at this time | | | | |
| 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 | N/A | N/A | None |
| | Number of significant development projects approved | 0 | N/A | N/A | 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 checked="" type="checkbox"/> | N/A | N/A | None |
| | Year 4 ONLY: Attach the follow-up report on plan implementation | <input type="checkbox"/> | | | |
| Part III.A.2 Summary | Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. | | | | |
| | Strengths: All redevelopment in the Town has been to single family residences as there is no commercial or industrial uses in the Town. | | | | |
| | Limitations: None. | | | | |
| | SWMP revisions implemented to address limitations: No revisions recommended at this time | | | | |
| 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 | Daily | Annual Summary Report | Property Owners | Property owners are responsible for litter removal in the swale areas adjacent to their properties. Any issues are noted by the Police Dept/Kimley-Horn during their routine inspections. |
| PERMITTEE Litter Control: Estimated amount of area maintained (lf) | 5.6 | Annual | Property Owners | See above. | |

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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 | |
| | PERMITTEE Litter Control: Estimated amount of litter collected (cy) | | Summary Report | | | |
| | | 15 | Email | Property Owners | Estimate by JIC made throughout the year by Property Owners | |
| | CONTRACTOR Litter Control: Frequency of litter collection | 0 | N/A | N/A | None | |
| | CONTRACTOR Litter Control: Estimated amount of area maintained (lf) | 0 | N/A | N/A | None | |
| | CONTRACTOR Litter Control: Estimated amount of litter collected (cy) | 0 | N/A | N/A | None | |
| | 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 | 0.573 | Town Records | Town Staff and Volunteers | An event in March and October occurred within JIC along the beach. | |
| | Trash Pick-up Events: Estimated amount of litter collected (cy) | 15 | Town Records | Town Staff and Volunteers | An event in March and October occurred within JIC along the beach. | |
| | Adopt-A-Road: Total miles cleaned | 0 | N/A | N/A | None | |
| | Adopt-A-Road: Estimated amount of litter collected (cy) | 0 | N/A | N/A | None | |
| | 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 | Monthly | Invoice | Facilities Pro-Sweep | Contract signed in August 2018 so only performed in September 2018. | |
| | Total miles swept | 5.6 | Invoice | Facilities Pro-Sweep | None | |
| | Estimated quantity of sweeping material collected (cy) | 11 | Invoice | Facilities Pro-Sweep | None | |

| 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 | |
| | Total phosphorous loadings removed (pounds) | 0 | FSA Spreadsheet | Kimley-Horn | Performed conversion based on PBCO-NPDES calculations | |
| | Total nitrogen loadings removed (pounds) | 1 | FSA Spreadsheet | Kimley-Horn | Performed conversion based on PBCO-NPDES calculations. | |
| | 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 | | | |
| | | | | | | |
| Part III.A.3 Summary | Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. | | | | | |
| | Strengths: Only local residential streets are within the Town and only require minor maintenance on an as needed basis. Litter control and clean-up are the responsibility of the property owners. | | | | | |
| | Limitations: None. | | | | | |
| | SWMP revisions implemented to address limitations: No revisions recommended at this time. | | | | | |
| 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 | None |
| | Flood control projects completed that did <u>not</u> include stormwater treatment | | 0 | N/A | N/A | None |
| | Stormwater retrofit projects planned/under construction | | 0 | N/A | N/A | None |
| | Stormwater retrofit projects completed | | 0 | N/A | N/A | None |
| 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"/> | | | | |
| Part III.A.4 Summary | Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. | | | | | |
| | Strengths: Stormwater and drainage systems now operate more efficiently and effectively than previously. | | | | | |
| | 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 | | | |
| | None | N/A | N/A | N/A | 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: The Town does not utilize TSD facilities. | | | | |
| | Limitations: N/A | | | | |
| | SWMP revisions implemented to address limitations: N/A, the Loxahatchee River District is responsible for the Town WW Utility | | | | |
| 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 | Personnel does not perform |
| | CONTRACTORS: FDACS commercial applicators of pesticides/ herbicides | 1 | FDACS ID Card | FDACS | FY17/18 log from Emerald Gardens. |
| | PERSONNEL: Green Industry BMP Program training completed | 0 | N/A | N/A | Personnel does not perform |
| | CONTRACTORS: FDACS certified / licensed applicators of fertilizer | 1 | FDACS ID Card | FDACS | FY17/18 log from Emerald Gardens. |
| | 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"/> | | | Refer to the PBCO-NPDES website for ordinance. |
| | 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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| Permit Citation/ SWMP Element | Permit Requirement/Quantifiable SWMP Activity | Number of Activities Performed | Documentation / Record | Entity Performing the Activity | Comments |
| | Brochures/Flyers/Fact sheets distributed Neighborhood presentations: Number conducted Neighborhood presentations: Number of participants Newspapers & newsletters: Number of articles/notices published Newsletters: Number of newsletters distributed Public displays (e.g., kiosks, storyboards, posters, etc.) Radio or television Public Service Announcements (PSAs) School presentations: Number conducted School presentations: Number of participants Seminars/Workshops: Number conducted Seminars/Workshops: Number of participants Special events: Number conducted Special events: Number of participants Number of visitors to stormwater-related pages FYN: Brochure/Flyers/Fact sheets distributed FYN: Neighborhood presentations: Number conducted FYN: Neighborhood presentations: Number of participants FYN: Public displays (e.g., kiosks, storyboards, posters, etc.) FYN: Radio or television Public Service Announcements (PSAs) FYN: School presentations: Number conducted FYN: School presentations: Number of participants FYN: Seminars/Workshops: Number conducted FYN: Seminars/Workshops: Number of participants FYN: Special events: Number conducted FYN: Special events: Number of participants | | | | |
| Part III.A.6 Summary | Provide an evaluation of the Stormwater Management Program according to Part VI.B.3 of the permit. | | | | |
| | Strengths: Pesticide fertilizer is not performed by personnel and contracted out. The Town has adopted a fertilizer ordinance. | | | | |
| | Limitations: None | | | | |
| | SWMP revisions implemented to address limitations: None at this time. | | | | |
| 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"/> | | | |
| 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 | 3 | Monthly NPDES | Kimley-Horn and/or Town | None |

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| Permit Citation/ SWMP Element | Permit Requirement/Quantifiable SWMP Activity | Number of Activities Performed | Documentation / Record | Entity Performing the Activity | Comments |
| | Illicit discharges found during a proactive inspection | | Inspection Report | Staff | |
| | | 0 | N/A | Kimley-Horn and/or Town Staff | None |
| | NOV/WL/citation/fines issued for illicit discharges found during proactive inspection | 0 | N/A | Kimley-Horn and/or Town Staff | None |
| | 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 | Kimley-Horn and/or Town Staff | None |
| | Reactive investigations of reports of suspected illicit discharges etc. | 0 | N/A | Kimley-Horn and/or Town Staff | None |
| | Illicit discharges etc. found during reactive investigation | 0 | N/A | Kimley-Horn and/or Town Staff | None |
| | NOV/WL/citation/fines issued for illicit discharges etc. found during reactive investigation | 0 | N/A | Kimley-Horn and/or Town Staff | None |
| | 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 | 2 | Sign-in Sheets, Test Reports | Town Staff | None |
| | Contractors trained | 2 | Sign-in Sheets, Test Reports | Kimley-Horn | None |
| 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 | None |
| | 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 | 2 | Sign-in Sheets, Test Reports | Town Staff | None |
| | Contractors trained | 2 | Sign-in Sheets, Test Reports | Kimley-Horn | None |
| 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 | | | | |

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>materials distributed, and the number of Web site visits (if applicable).</p> <p style="text-align: center;">Public Education and Outreach Program</p> <p style="text-align: center;">Publicize the Palm Beach County Complaint Hotline Brochures/Flyers/Fact sheets distributed Neighborhood presentations: Number conducted Neighborhood presentations: Number of participants Newspapers & newsletters: Number of articles/notices published Newsletters: Number of newsletters distributed Public displays (e.g., kiosks, storyboards, posters, etc.) Radio or television Public Service Announcements (PSAs) School presentations: Number conducted School presentations: Number of participants Seminars/Workshops: Number conducted Seminars/Workshops: Number of participants Special events: Number conducted Special events: Number of participants Number of visitors to stormwater-related pages</p> | | | | <p>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.</p> |
| Part III.A.7.f | Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardous Waste Control | | | | |
| | <p>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).</p> <p style="text-align: center;">Public Education and Outreach Program</p> <p style="text-align: center;">Publicize the Palm Beach County Home Chemical Collection Program Brochures/Flyers/Fact sheets distributed Household Hazardous Waste (HHW) Collection Day: Events HHW Collection Day: Amount of waste collected/recycled/disposed (tons) Neighborhood presentations: Number conducted Neighborhood presentations: Number of participants Newspapers & newsletters: Number of articles/notices published Newsletters: Number of newsletters distributed Public displays (e.g., kiosks, storyboards, posters, etc.) Radio or television Public Service Announcements (PSAs) School presentations: Number conducted</p> | | | | <p>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.</p> |

| 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 |
| | School presentations: Number of participants | | | | |
| | Seminars/Workshops: Number conducted | | | | |
| | Seminars/Workshops: Number of participants | | | | |
| | Special events: Number conducted | | | | |
| | Special events: Number of participants | | | | |
| | Storm sewer inlets newly marked/replaced | | | | |
| | Number of visitors to stormwater-related pages | | | | |
| 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 | Loxahatchee River District (LRD) | | | |
| | Activity to reduce/eliminate SSOs and I&I: (description) | 0 | N/A | N/A | WW Utility taken care of by LRD |
| | Activity to reduce/eliminate SSOs and I&I: (description) | 0 | N/A | N/A | WW Utility taken care of by LRD |
| | SSO incidents discovered | 0 | N/A | N/A | WW Utility taken care of by LRD |
| | SSO incidents resolved | 0 | N/A | N/A | WW Utility taken care of by LRD |
| | Inflow / infiltration incidents discovered | 0 | N/A | N/A | WW Utility taken care of by LRD |
| | Inflow / infiltration incidents resolved | 0 | N/A | N/A | WW Utility taken care of by LRD |
| 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: No illicit discharges or improper disposal reported during the permit year. Town personnel has been trained. | | | | |
| | Limitations: None | | | | |
| | SWMP Revisions implemented to address limitations: None at this time. | | | | |
| 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. | | | | |

| 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 |
| | Type of Facility | Number of Facilities | Number of Inspections | Enforcement Actions | | | | |
| | Operating municipal landfills | 0 | N/A | N/A | N/A | N/A | N/A | No Landfills |
| | Hazardous waste treatment, storage, disposal and recovery (HWTSDR) facilities | 0 | N/A | N/A | N/A | N/A | N/A | No HWT SDR facilities |
| | EPCRA Title III, Section 313 facilities (TRI) | 0 | N/A | N/A | N/A | N/A | N/A | No TRI facilities |
| | Facilities determined as high risk by the permittee | 0 | N/A | N/A | N/A | N/A | N/A | No HR facilities |
| 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 | N/A | No HDR Facilities |
| Part III.A.8 Summary | Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. | | | | | | | |
| | Strengths: No high risk facilities in the Town | | | | | | | |
| | 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 | | | N/A | N/A | N/A | None |
| | PERMITTEE SITES: Construction site plans approved | 0 | | | N/A | N/A | N/A | None |
| | PRIVATE SITES: Construction site plans reviewed | 8 | | | Building Dept. | Town Engineer | | New construction/re models of residential properties were approved. No commercial or industrial areas exist within the Town. |
| | PRIVATE SITES: Construction site plans approved | 8 | | | Building Dept. | Town Engineer | | New construction/re models of residential properties were |

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 |
| | | | | | approved. No commercial or industrial areas exist within the Town. |
| | 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 | N/A | N/A | All residential construction is on lots less than one (1) acre. |
| | Confirmed ERP coverage | 0 | N/A | N/A | All residential construction is on lots less than one (1) acre. |
| | Notified of CGP stormwater permit requirements | 0 | N/A | N/A | None |
| | Confirmed CGP coverage | 0 | N/A | N/A | None |
| 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 | N/A | N/A | None |
| | PERMITTEE SITES: Pre-, During, and Post inspections of active construction sites for E&S and waste control BMPs | 0 | N/A | N/A | None |
| | PERMITTEE SITES: Percentage of active construction sites inspected | 0 | N/A | N/A | None |
| | PRIVATE SITES: Active construction sites | 8 | Inspection Reports | Kimley-Horn and/or Town Staff | New construction/re models of residential properties were inspected. No commercial or industrial areas exist within the Town. |
| | PRIVATE SITES: Pre-, During, and Post inspections of active construction sites for E&S and waste control BMPs | 8 | Inspection Reports | Kimley-Horn and/or Town Staff | Same as above. |
| | PRIVATE SITES: Percentage of active construction sites inspected | 100 | Inspection Reports | Kimley-Horn and/or Town | Same as above. |

| 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 |
| | Enforcement Action | | 0 | N/A | Staff N/A | None |
| 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 | 0 | 3 | Construction Site Training Videos | Kimley-Horn and Town Staff | None |
| | Permittee construction site plan reviewers | | 1 | Town Records | Kimley-Horn and Town Staff | None |
| | Permittee construction site operators | | 1 | Town Records | Kimley-Horn and Town Staff | None |
| Part III.A.9 Summary | Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. | | | | | |
| | Strengths: This SWMP section assures that regulations are set in place to ensure appropriate measures are taken to control erosion and sediment during construction projects throughout the Town. Unnecessary runoff into the MS4 waterways could lead to issues that the Town is attempting to avoid at all costs, especially with the new stormwater system in place. | | | | | |
| | Limitations: None | | | | | |
| | SWMP revisions implemented to address limitations: None at this time. | | | | | |

| 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. |
| | | |
| | | |
| 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) |
| | | |
| | | |

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) | | | | | |
| | N/A | | | | | | | | |
| 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. | | | | | | | | |

Enter Volume of Solids⁽¹⁾ Removed - Calculate Equiva

FSA 2012

| For Wet or Dry Solids by Volume ⁽²⁾ | | | |
|--|---|---------------------------------------|--|
| Category of Maintenance Activity | Enter Volume of Collected Solids Cubic Feet | Enter Dry Bulk Density Solids Lb/C.F. | Calculated Weight of Dry Solids (Pounds) |
| Street Sweepings | 297 | 85 | 25,215 |
| Catch Basin Cleanout | 0 | 85 | 0 |
| BMP Cleanout | 0 | 85 | 0 |

GREEN Denotes Cells for
BLUE Denotes Calculations

NOTES:

1. "Particulate Matter" from the FSA Final Report is defined as "Solids" for use
2. For measurements of volume, include approximate dry bulk density;
use the default bulk density of 1.36 or 84.9 pounds per cubic foot until confir

Calculated Nutrient Load Reductions from MS4 Maintenance Practices

FSA 2012

TOTAL PHOSPHORUS

Street Sweepings - Dry Mass Collected (Kg)
Amount of TP Removed (Kilograms)

| |
|--------|
| 11,438 |
| 4 |

| | | | |
|---------------------------------|---|------------------------------|---|
| Subtotal TP Removed (Kilograms) | 4 | Subtotal TP Removed (Pounds) | 9 |
|---------------------------------|---|------------------------------|---|

Catch Basins - Dry Mass Collected
Amount of TP Removed (Kilograms)

| |
|---|
| 0 |
| 0 |

| | |
|---|---|
| 0 | 0 |
|---|---|

BMP - Dry Mass Collected
Amount of TP Removed (Kilograms)

| |
|---|
| 0 |
| 0 |

| | |
|---|---|
| 0 | 0 |
|---|---|

GRAND TOTAL TP REMOVED (KILOGRAMS) = **4**
GRAND TOTAL TP REMOVED (POUNDS) = **9**

TOTAL NITROGEN

Street Sweepings - Dry Mass Collected (Kg)
Amount of TN Removed (Kilograms)

| |
|--------|
| 11,438 |
| 6 |
| |

| | | | |
|---------------------------------|---|------------------------------|----|
| Subtotal TN Removed (Kilograms) | 6 | Subtotal TN Removed (Pounds) | 14 |
|---------------------------------|---|------------------------------|----|

Catch Basins - Dry Mass Collected
Amount of TN Removed (Kilograms)

| |
|---|
| 0 |
| 0 |

| | |
|---|---|
| 0 | 0 |
|---|---|

BMP - Dry Mass Collected
Amount of TN Removed (Kilograms)

| |
|---|
| 0 |
| 0 |

| | |
|---|---|
| 0 | 0 |
|---|---|

GRAND TOTAL TN REMOVED (KILOGRAMS) = **6**

GRAND TOTAL TN REMOVED (POUNDS) =

14

CYCLE 4, YEAR 2 ANNUAL REPORT ATTACHMENT No.1

NPDES MS4 Permit, Part III.A.2 - SUMMARY REVIEW OF CODES AND ORDINANCES FOR JUPITER INLET COLONY

PURPOSE:

The NPDES MS4 Cycle 4 permit requires permittees to review all land development regulations, ordinances and codes in Year 2 of the cycle to ensure a continued effort in reduction of stormwater impact on new and redevelopment. Jupiter Inlet Colony (the Colony) with Kimley-Horn and Associates, Inc. (KHA) completed this review and made recommendation for improvement to the existing local Colony codes and land development regulations. This summary outlines the documents reviewed as well as suggested updates to minimize gaps in the governing standards.

In this review, KHA and the Colony completed a review of the following documents:

- Jupiter Inlet Colony Code of Ordinances

The following sections will outline the current regulations, ordinances and codes and specific language recommendations for improvement as well as provide recommendations for implementation of these updates prior to Year 4 of this permit cycle.

DOCUMENT REVIEW:

The review of these documents was performed by several members of the Colony and KHA to identify potential changes that will reduce the stormwater impacts while improving stormwater management practices of new and redevelopment projects moving forward. During our review, the tables identify which regulations were reviewed in each document; the current actions of these regulations to reduce stormwater impacts; and proposed improvements for the sections reviewed.

The end of this summary outlines the anticipated implementation of these recommendations.

Jupiter Inlet Colony Code of Ordinances

All sections in the Colony's Code of Ordinances related to stormwater management, development of new or existing properties and landscaping were reviewed. Those sections have been outlined below and includes an analysis of the referenced code with recommendations for updates as appropriate.

Table 1: Code of Ordinance Review

| JIC Ordinance Section Reviewed | Section Title | Current Actions to Reduce Stormwater Impacts | Suggested Improvements |
|---------------------------------------|--|---|--|
| CHAPTER 9 - NUISANCES | | | |
| Sec. 9-7 | Cleaning; Securing of Construction Sites | Maintenance of construction related items (i.e. materials, equipment, and debris) | This section could more clearly identify best management practices (BMP) and examples |
| Sec. 9-8 | Fugitive Dust or Blowing Sand | Practices to control sand and dust tracking off designated construction sites | This section could be enhanced to recommend practices to prevent fugitive dust and sand from entering storm drains adjacent to construction sites. |
| CHAPTER 18 - UTILITIES | | | |
| Sec. 18-43 | Illicit Discharges | Outlines what a discharge is in general terms and exceptions to this general definition. Also establishes guidelines for handling a discharge once it is noticed. | Removal of Language "dechlorinated swimming pools" as an exception. |
| | | | Inclusion of language referencing how to handle contributions to the river from personal outfalls. |
| | | | Revision of language to clarify roof drains should be exempt and not considered prohibited discharges. |
| Sec. 18-44 | Spills and Dumping | Outlines prohibited discharge to the stormwater system containing any sewage, industrial waste, or other waste materials | Revision of language to specify the "town administrator" should be notified rather than the "town clerk". |
| | | | Enhancement of procedure for notification of a responsible party unaware of illegal discharge/dumping as well as procedures for unknown responsible party. |
| CHAPTER 19 - VEGETATION | | | |
| Sec. 19-17 | Definitions | Provides clarity on landscaping components | This section could more clearly identify best management practices (BMP) and examples |

| | | | |
|------------|---|---|--|
| Sec. 19-22 | Fertilizer Free Zones | Specifies criteria that constitutes a fertilizer free zone in the Colony | Inclusion of stormwater control structures (i.e. drains, catch basins, outfalls, etc.) as a protected area. It is intended this will reduce runoff from fertilizer into the discharging bodies of water. |
| Sec. 19-23 | Fertilizer Content and Application Rates | Specifies fertilizer ingredients that are allowable in the Colony | Inclusion of references to FDACS certifications and practices in addition to UF/IFAS. |
| Sec. 19-24 | Fertilizer Application Practices | Specifies fertilizer maintenance practices | Inclusion of references to FDACS certifications and practices in addition to UF/IFAS. |
| Sec. 19-25 | Management of Grass Clippings and Vegetative Matter | Practices to control the spreading of vegetative matter and grass clippings | This section could be enhanced to recommend practices to prevent vegetative matter and grass clippings from entering storm drains adjacent throughout the Colony. |
| Sec. 19-26 | Exemptions | Exemptions to this vegetation chapter | Removal of this section is recommended as these exemptions are not applicable to the Colony. |

RECOMMENDATION OF CODE IMPLEMENTATION AND ENHANCEMENT:

As previously mentioned, the review of the Colony’s was to analyze existing codes and identify areas of improvement with regards to stormwater practices with respect to new and redevelopment efforts within the Colony. This Year 2 Annual Report activity focused on review of the regulations while implementation of language enhancement, if applicable, is anticipated to be completed prior to the submission of the Year 4 Annual Report. This document will be provided to the Colony’s attorney and planner to determine if the recommendations would improve the current language. If this review determines the language enhancements recommended would be an improvement, drafts shall be developed and provided to the Colony’s committee for consideration and acceptance prior to completion of Cycle 4, Year 4.

If it is determined that language in these regulations are currently consistent with our recommendations, the Colony would make no plans to alter the language but rather, will continue to monitor land development regulations and local codes as necessary for future opportunities for improvement.



Town of Jupiter Inlet Colony
NPDES Stormwater Permitting Program

Monitoring Requirements and Assessment Plan

(MS4 Permit No. FLS0000018-004, Part V, Sub-Part A)

Prepared by: JLH Associates
August 2017

Revised by: Kimley-Horn and Associates, Inc.
January 2019

Kimley»»Horn

Assessment Program Objective

The purpose of this assessment program is to provide information for the Town of Jupiter Inlet Colony (the Colony) to determine the overall effectiveness of its Stormwater Management Program (SWMP) in reducing stormwater pollutant loadings from its Municipal Separate Storm Sewer System *MS4) to receiving water bodies.

Assessment Program Components

As required by the MS4 Permit, the following parts make up this Assessment Program:

- A. A Water Quality Monitoring Plan – The water quality monitoring plan is intended to identify local sources where urban stormwater is adversely affecting surface water resources.
- B. A Pollutant Loading Estimate Plan – The pollutant loading exercise is to estimate the pollutant loading from the MS4 contributing area, based on land uses and best management practices (BMPs).
- C. An Evaluation and Response Plan – The response plan is the plan of action to be taken based on the results from A. and B. and will be used to:
 - a. Evaluate trends in pollutant loading from the MS4.
 - b. Evaluate trends in water quality (of discharge from the MS4).
 - c. Identify portions of the Ms4 to be targeted for loading reduction/corrective action.

Part A – Water Quality Monitoring Plan

The Colony uses the ambient water quality data obtained through the Loxahatchee River District (LRD) for monitoring purposes. This data is the primary monitoring approach utilized by the Colony and is acceptable as the Colony is a co-permittee of the Palm Beach County MS4 Joint Program (Permit No. FLS000018-004). In addition, the Colony will also perform visual inspections to supplement analysis of the water quality data from LRD. Visual inspections of control structures (including any of the Colony's five existing outfalls_ and their receiving waters provide an uncomplicated way to check for illicit discharges and any other issues with the stormwater system. Formal inspections occur monthly, while intermediary inspections are performed as required if potential hazards are observed.

Monitoring Locations

Based on the location of the outfall of our MS4, two monitoring stations have been established. The following table identifies this monitoring station, along with relevant information about the location.

Table 1: MS4 Monitoring Stations Table

| Monitoring Station Number | Location Description | Latitude / Longitude | Type | Watershed WBID |
|----------------------------------|-----------------------------|-----------------------------|-------------|-----------------------|
| 10 | Jupiter Inlet | 26.945345- 80.073821 | Marine | Lox |
| 20 | ICW – SR 707 | 26.953161- 80.079006 | Marine | ICWW |

Sampling Method and Monitoring Parameters

Information on sampling and monitoring parameters is contained in the LRD Water Quality Reports (refer to loxahatcheeriver.org) – River Keepers reports.

The Colony will review the water quality data in the Marine Basin (EPZ 1301) Monitoring Station sites 10 and 20 contained in the Loxahatchee River Water Quality Reports to identify notable nutrient water quality for total nitrogen and total phosphorous and perform an assessment comparison with applicable water quality standards. Attached is a sample of the information available from LRD, including a location map.

Part B – Pollutant Loading Estimate Plan

The Palm Beach County MS4 permittee group will be developing pollutant loading estimates during Year 3 of this permit cycle, using the SIMPLE protocol. In order to provide each permittee with pollutant loading estimates that reflect their respective MS4 areas, the group effort will provide the loading estimates “by MS4”, in addition to “by watershed” (as was done in past permit cycles). Prior to Year 3, the Colony will participate in this effort by reviewing its MS4 contributing areas to each receiving water and will provide updated information on the area extents and the land uses located therein. In addition, any water quality BMPs that are in place within the MS4 area will identified along with their geospatial extent.

The group’s estimated pollutant loading results will be provided to each permittee for use in this assessment effort.

To determine a practical estimate of the current pollutant loading, the Colony will use the land-use based pollutant loading estimates provided by the group as the starting point from which pollutant load reductions will be subtracted. The pollutant load reductions will be estimated based on the BMPs that have been put in place within the MS4 contributing areas. In this way, when future estimates are done and additional reduction measures or BMPs are put in place, the estimated pollutant loading will reflect those reductions.

Part C – Evaluation and Response Plan

Once the Assessment Program is approved by FDEP, the Colony will utilize data based on the sample results performed by the Palm Beach County Environmental Resource Management (PBC ERM) and

compiled in the Joint Annual Report Form (March 2020). This assumes approvals are obtained timely for completion of all required testing and comparisons.

Water quality monitoring results will be available annually. The most recent year's data will be compared to the previous year's data, with respect to the Loxahatchee River sampling points. A summary of the water quality monitoring data trend graphs, with respect to the LRD's monitoring stations 10 and 20.

Receiving water trending reports and graphs for various parameters, as presented in the Joint Annual Report, will be reviewed and a discussion will be included in the Town's annual Assessment Report.

The pollutant loading estimate developed during Year 3 of the permit cycle will be reviewed and adjusted based on the Colony's SWMP, which include litter control, public education, a Fertilizer Ordinance, septic tank conversion and exfiltration trenches. Based on the two assessments and the Colony's upgrades to the stormwater management system, a determination of the effectiveness of the Colony's program will be made.

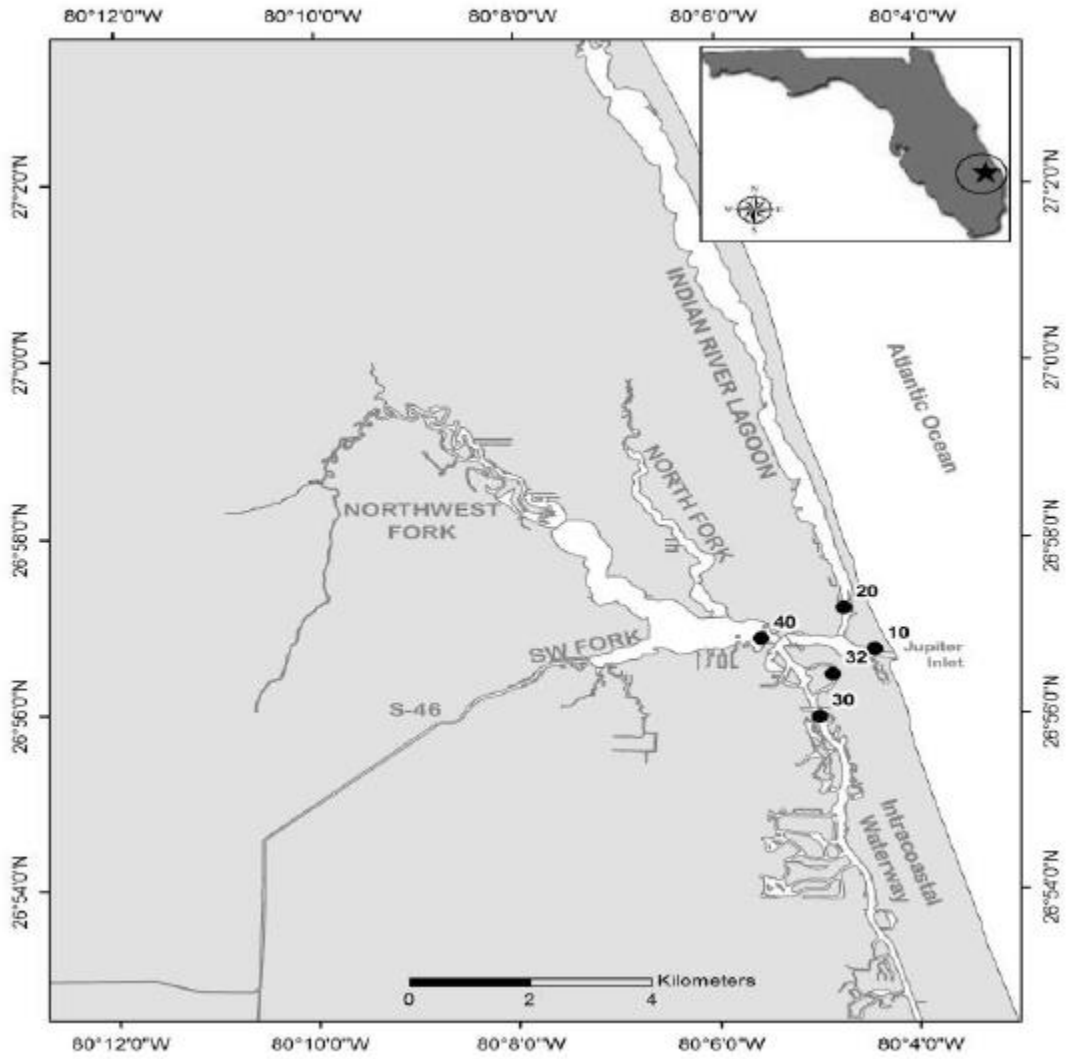
Recent Supplement Stormwater Management Improvements

The Colony, in conjunction with LRD via an existing interlocal agreement, is concurrently implementing two BMPs to improve water quality treatment, reduce nutrient loads and discharges into the Indian River Lagoon (South Section of the Intracoastal Waterway) at the confluence with the Jupiter Inlet and Loxahatchee River and achieve improved water quality. This major undertaking was identified as the 'Jupiter Inlet Colony Neighborhood Rehabilitation Project'. This project provided for the following improvements.

- All septic tank systems in the Colony were converted to a control sanitary sewer system to be operated and maintained by LRD. The project converted 241 properties to connections (239 single-family residential lots, the Town Hall, and the neighborhood beach club) which will significantly reduce nutrient loads while also improving water quality.
- Significant stormwater drainage improvements were also implemented, which included roadway profile adjustments, new valley gutter installation (approximately 31,200 linear feet), new exfiltration installation (approximately 5,500 linear feet) and new stormwater drainage structures (95 catch basins and 1 outfall) throughout the Colony. The stormwater system improvements also included new and replacement piping, which will significantly reduce discharges into the lagoon.

The 'Jupiter Inlet Colony Neighborhood Project' was completed in December 2017. Inspections are performed monthly to confirm maintenance of the system to ensure continued proper working order for the Colony's residents.

Figure 1: Monitoring Stations for Loxahatchee River District



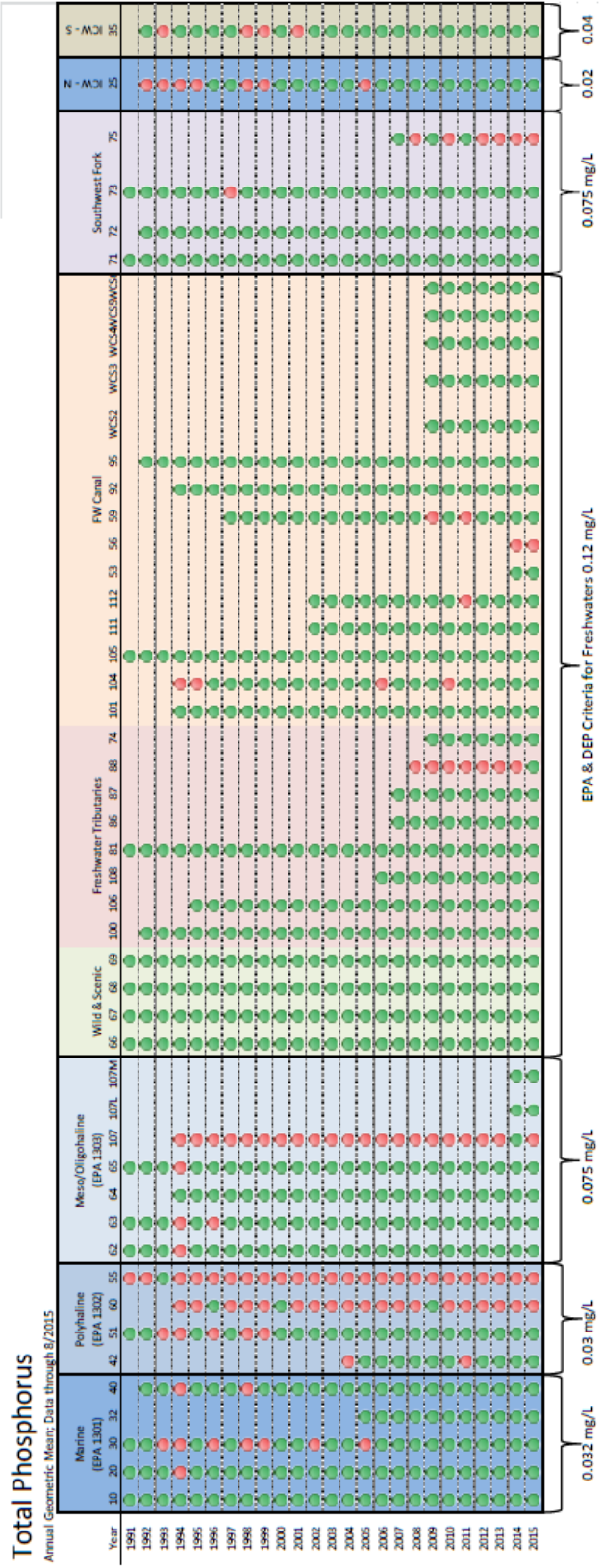


Table 3: Sample Data from LRD Monitoring Station - Phosphorus