



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: City of Greenacres
B.	Permit Name: Palm Beach County MS4
C.	Permit Number: FLS000018-004
D.	Annual Report Year: <input type="checkbox"/> Year 1 <input checked="" type="checkbox"/> Year 2 <input type="checkbox"/> Year 3 <input type="checkbox"/> Year 4 <input type="checkbox"/> Year 5 <input type="checkbox"/> Other, specify Year:
E.	Reporting Time Period (month/year): 10 / 2017 through 09 / 2018
F.	Name of the Responsible Authority: Carlos Cedeño
	Title: Public Works Director
	Mailing Address: 5750 Melaleuca Lane
	City: Greenacres Zip Code: 33463 County: Palm Beach
	Telephone Number: 561-642-2074 Fax Number: 561-642-2094
	E-mail Address: ccedeno@greenacresfl.gov
G.	Name of the Designated Stormwater Management Program Contact (if different from Section I.F above): Michael Grimm
	Title: Building Director/Chief Building Official
	Department: Building Department
	Mailing Address: 5800 Melaleuca Lane
	City: Greenacres Zip Code: 33463 County: Palm Beach
	Telephone Number: 561-642-2061 Fax Number: 561-642-2049
	E-mail Address: mgrimm@greenacresfl.gov

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 checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable)
B.	Number of outfalls REMOVED from the outfall inventory in the current reporting year (insert "0" if none): 0 (Does this number include non-major outfalls? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable)
C.	Is the change in the total number of outfalls due to lands annexed or vacated? <input type="checkbox"/> Yes <input 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: Group monitoring plan submitted September 8, 2016 (with issuance of the Cycle 4 permit). Status: The group monitoring report is included in the Cycle 4 Joint Annual Report.</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>The newly developed assessment program is currently under review by FDEP and will be implemented once approved. Please refer to the Cycle 4, Year 2 Joint Annual Report for a summary of the Group Water Quality Monitoring Results for the reporting period. The individual assessment plan will be implemented during Year 3 of Cycle 4 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.</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 to Section III.B, above.</p>

SECTION IV. FISCAL ANALYSIS

A.	Total expenditures for the NPDES stormwater management program for the current reporting year: \$1,063,630.72
B.	Total budget for the NPDES stormwater management program for the subsequent reporting year: \$1,090,651.00
C.	<p>Did the current reporting year resources decrease from the previous year? Y <input type="checkbox"/> / N <input checked="" type="checkbox"/></p> <p>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 type="checkbox"/>	<input checked="" 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	
<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): Carlos Cedeño

Title: Public Works Director

Signature:  Date: 04 / 15/ 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				
Report the current known inventory.					
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.					
<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>					
	Type of Structure	Number of Structures	Number of Inspections	Percent Inspected	Number of Maintenance Activities
	Dry retention systems	11	84	170	100
	Underdrain filter systems	0	0	0	0
	Exfiltration trench / French drains (lf)	0	0	0	0
	Grass treatment swales (miles)	0.82	157	100	100
	Ramblewood Retention Pond, Harwich Ct Retention Pond, PBSO 16/FR94 Retention Pond, Original Section Alleyways (7 total), Municipal Complex Retention Ponds (2)			Employee daily worksheets	Public Works Department Roads & Drainage Division
	Empire Way I (west side of road Centurian Way to south side of			Employee daily worksheets	Public Works Department Roads & Drainage Division

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	Detention with filtration systems Alum Injection systems Pollution control boxes pump stations Major outfalls	0 0 0 0 0 0			Gladiator Lake • Empire Way II (Lake Worth Rd to L-12 Canal, west side of road)- 0.34 mile • Centurian Way (Haverhill to Empire Way, south side of road)- 0.12 mile Dodd Rd (Jog Rd to Woodlake Blvd, north side of road)- 0.36 mile
	Weirs or other control structures	14 14 100 0 100	Employee daily worksheets and storm sewer repair and maintenance inspection tracking log found at 2018 Stormwater Inspection with Additions.xlsx Employee daily worksheets and storm sewer repair and maintenance	Public Works Department Roads & Drainage Division Public Works Department Roads & Drainage Division	

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity		Number of Activities Performed		Documentation / Record	Entity Performing the Activity	Comments
	pipes / culverts (miles)				inspection tracking log found at 2018 Stormwater Inspection with Additions.xlsx		
	675'	1	100	11	Employee daily worksheets and storm sewer repair and maintenance inspection tracking log found at 2018 Stormwater Inspection with Additions.xlsx	Public Works Department Roads & Drainage Division	
	Canals				Employee daily worksheets and storm sewer repair and maintenance inspection tracking log found at 2018 Stormwater Inspection with Additions.xlsx	Public Works Department Roads & Drainage Division	
	2	12	100%	12	Employee daily worksheets and storm sewer repair and maintenance inspection tracking log found at 2018 Stormwater Inspection with Additions.xlsx	Public Works Department Roads & Drainage Division	
	Inlets / catch basins / grates				Employee daily worksheets and storm sewer repair and maintenance inspection tracking log found at 2018 Stormwater Inspection with Additions.xlsx	Public Works Department Roads & Drainage Division, Shenandoah Construction Company	23 repaired on Swain Blvd
	496	496	100	68	Employee daily worksheets and storm sewer repair and maintenance inspection tracking log found at 2018 Stormwater Inspection with Additions.xlsx	Public Works Department Roads & Drainage Division, Shenandoah Construction Company	23 repaired on Swain Blvd
	Ditches / conveyance swales (miles)				Purchase Order # 2018-68	Public Works Department	Biscayne Blvd (.04 miles)
	6.07	334	100	334	Employee daily worksheets and	Public Works Department	Biscayne Blvd (.04 miles)

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A. Permit Citation/ SWMP Element	B. Permit Requirement/Quantifiable SWMP Activity	C. Number of Activities Performed	D. Documentation / Record	E. Entity Performing the Activity	F. Comments
			storm sewer repair and maintenance inspection tracking log found at 2018 <u>Stormwater Inspection with Additions.xlsx</u>	Roads & Drainage Division	Biscayne Drive (0.9 miles) Swain Blvd (1 mile) Empire Way (0.34 miles) Centurian Way (0.12 miles) 57 th Ave from 10 th Ave to Lake Worth Rd. (0.33 miles) Bowman Rd. (0.47 miles) Sherwood Forest Blvd. (2.87 miles);
	<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"/>			

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

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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	<p>Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.</p> <p>Strengths: Proactively schedule inspections and repairs</p> <p>Limitations: Labor resources and capital funding</p> <p>SWMP revisions implemented to address limitations: Staff members added to the code enforcement and Planning & Engineering Dept. to monitor residential and commercial construction.</p>													
Part III.A.2	<p>Areas of New Development and Significant Redevelopment</p> <p>Report the number of significant development projects, including new and redevelopment, reviewed and approved by the permittee for post-development stormwater considerations.</p> <table border="1" data-bbox="529 709 594 911"> <tr> <td>Number of significant development projects reviewed</td> <td>4</td> <td>New World</td> <td>Building Dept.</td> </tr> <tr> <td>Number of significant development projects approved</td> <td>4</td> <td>New World</td> <td>Building Dept.</td> </tr> </table> <p>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.</p> <p>Year 2 ONLY: Attach the summary report of the review activity <input checked="" type="checkbox"/></p> <p>Year 4 ONLY: Attach the follow-up report on plan implementation <input type="checkbox"/></p>	Number of significant development projects reviewed	4	New World	Building Dept.	Number of significant development projects approved	4	New World	Building Dept.					
Number of significant development projects reviewed	4	New World	Building Dept.											
Number of significant development projects approved	4	New World	Building Dept.											
Part III.A.2 Summary	<p>Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.</p> <p>Strengths: Strong documentation, training and implementation of program.</p> <p>Limitations: Follow through from other Depts.</p> <p>SWMP revisions implemented to address limitations: Staffing issues in Building Dept.</p>													
Part III.A.3	<p>Roadways</p> <p>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.</p> <p><i>Note: If the permittee does not contract activities, delete CONTRACTOR activities.</i></p>													
	<p>PERMITTEE Litter Control: Frequency of litter collection</p> <table border="1" data-bbox="1032 709 1162 911"> <tr> <td>452</td> <td>Employee daily worksheets and DOC tracking log found at X:\DOC</td> <td>Roads & Drainage Staff</td> </tr> </table> <p>PERMITTEE Litter Control: Estimated amount of area maintained (lf)</p> <table border="1" data-bbox="1179 709 1308 911"> <tr> <td>180.2 acres</td> <td>Employee daily worksheets and DOC tracking log found at X:\DOC</td> <td>Roads & Drainage Staff</td> </tr> </table> <p>PERMITTEE Litter Control: Estimated amount of litter collected (cy)</p> <table border="1" data-bbox="1325 709 1445 911"> <tr> <td>13,560 lbs.</td> <td>Employee daily worksheets and DOC tracking log found at X:\DOC</td> <td>Roads & Drainage Staff</td> </tr> </table>	452	Employee daily worksheets and DOC tracking log found at X:\DOC	Roads & Drainage Staff	180.2 acres	Employee daily worksheets and DOC tracking log found at X:\DOC	Roads & Drainage Staff	13,560 lbs.	Employee daily worksheets and DOC tracking log found at X:\DOC	Roads & Drainage Staff				
452	Employee daily worksheets and DOC tracking log found at X:\DOC	Roads & Drainage Staff												
180.2 acres	Employee daily worksheets and DOC tracking log found at X:\DOC	Roads & Drainage Staff												
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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	CONTRACTOR Litter Control: Frequency of litter collection	186 days	Employee daily worksheets and DOC tracking log found at X:\DOC	Parks Maint Staff and DOC Work Squad	
	CONTRACTOR Litter Control: Estimated amount of area maintained (if	180.	Employee daily worksheets and DOC tracking log found at X:\DOC	Parks Maintenance Staff and DOC Work Squad	
	CONTRACTOR Litter Control: Estimated amount of litter collected (cy)	170,490 lbs.	Employee daily worksheets and DOC tracking log found at X:\DOC	Parks Maintenance Staff and DOC Work Squad	
	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	3 Miles	X:\Office of Director\Public Works Director\NPDES Project Management\GAC 2018 SITE REPORT		Great American Cleanup
	Trash Pick-up Events: Estimated amount of litter collected (cy)	1,800 lbs.	X:\Office of Director\Public Works Director\NPDES Project Management\GAC 2018 SITE REPORT		Great American Cleanup
	Adopt-A-Road: Total miles cleaned	0	None	None within Greenacres	
	Adopt-A-Road: Estimated amount of litter collected (cy)	0	None	None within Greenacres	
	Report on the street sweeping program, including the frequency of the sweeping, total miles swept, an estimate of the quantity of sweepings collected, and the total nitrogen and total phosphorus loadings that were removed by the collection of sweepings. If no street sweeping program is implemented, provide the explanation of why not in column F.				
	Frequency of street sweeping	0			

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Total miles swept	0		Palm Beach County	
	Estimated quantity of sweeping material collected (cy / tons)	0		Palm Beach County	
	Total phosphorous loadings removed (pounds)	0		Palm Beach County	
	Total nitrogen loadings removed (pounds)	0		Palm Beach County	
	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			
	Public Work Maintenance Facility	24	Log book in Vehicle Maintenance Supervisor's office	Vehicle Maintenance Staff	
Part III.A.3 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	Strengths:				
	Limitations:				
	SWMP revisions implemented to address limitations:				
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	4	Various Purchase Orders	Contractors	FY 18 CIP 304- 152, 301-180 and 305-106
	Flood control projects completed that did <u>not</u> include stormwater treatment	0	None	None	
	Stormwater retrofit projects planned/under construction	0	None	None	
	Stormwater retrofit projects completed	0	Purchase Orders	Contractors	
	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.				
Part III.A.4 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
	Strengths: Program is proactively address flooding issues				

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Limitations: Pollution reduction SWMP revisions implemented to address limitations: Proactively looking for green, reduction methods				
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.	Number of Inspections			
Part III.A.5 Summary	None None Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
Part III.A.6	Strengths: Limitations: SWMP revisions implemented to address limitations: 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	11	Located in personnel records in City's Laserfiche System	Florida Dept. of Agriculture	
	CONTRACTORS: FDACS commercial applicators of pesticides/ herbicides	2	Located in Public Works' Contractor Files	Gulfstream Termite and Environmental Services, LLC and Aquagenix	License numbers on file
	PERSONNEL: Green Industry BMP Program training completed	27	Located in personnel records in City's Laserfiche System	Xcal Videos	Includes Public Works and Building Dept. Staff
	CONTRACTORS: FDACS certified / licensed applicators of fertilizer	2	Located in Public Works' Contractor Files	Gulfstream Termite and Environmental Services, LLC and Aquagenix	License numbers on file

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Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	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"/>			
	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).				
	<p>Public Education and Outreach Program</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> <p>Brochures/Flyers/Fact sheets distributed</p> <p>145</p> <p>Building Department counter monthly brochure log</p> <p>Building Department</p> <p>Hand written log noted on the first of the month Permit tech counts the number of brochures taken from the display and enters into log.</p> <p>Original section during ICC Cleanup</p> <p>Neighborhood presentations: Number conducted</p> <p>1</p> <p>ICC Site report</p> <p>Building Department</p> <p>Original section during ICC Cleanup</p> <p>Neighborhood presentations: Number of participants</p> <p>78</p> <p>ICC Site report</p> <p>Building Department</p> <p>Original section during ICC Cleanup</p> <p>Newspapers & newsletters: Number of articles/notices published</p> <p>0</p> <p>Log kept in NPDES file cabinet at Building Dept.</p> <p>Building Dept.</p> <p>None</p> <p>Newsletters: Number of newsletters distributed</p> <p>0</p> <p>Log kept in NPDES file cabinet at Building Dept.</p> <p>Building Dept.</p> <p>None</p> <p>Public displays (e.g., kiosks, storyboards, posters, etc.)</p> <p>0</p> <p>Log kept in NPDES file cabinet at Building Dept.</p> <p>Building Dept.</p> <p>None</p> <p>Radio or television Public Service Announcements (PSAs)</p> <p>0</p> <p>Log kept in NPDES file</p> <p>Building Dept.</p> <p>None</p>				

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	School presentations: Number conducted	0	cabinet at Building Dept. Log kept in NPDES file cabinet at Building Dept.	Building Dept.	None
	School presentations: Number of participants	0	Log kept in NPDES file cabinet at Building Dept.	Building Dept.	None
	Seminars/Workshops: Number conducted	0	Log kept in NPDES file cabinet at Building Dept.	Building Dept.	None
	Seminars/Workshops: Number of participants	0	Log kept in NPDES file cabinet at Building Dept.	Building Dept.	None
	Special events: Number conducted	1	ICC Cleanup	Building Department	Clean up 9/15/18
	Special events: Number of participants	78	ICC Cleanup	Building Department	9/15/18
	Number of visitors to stormwater-related pages	0	Log kept in NPDES file cabinet at Building Dept.	Building Dept.	The City currently does not have a counter on the webpage. Working with IT Department to add on in the future.
	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit.				
Part III.A.6 Summary	Strengths: Capitalize on opportunities when they arise				
	Limitations: Labor resources				
	SWMP revisions implemented to address limitations: Proactively search for additional opportunities				
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"/>				

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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	35	Scanned in LF under NPDES FY 2018	Building Department	
	Illicit discharges found during a proactive inspection	1	Scanned in LF under NPDES FY 2018	Building Department	
	NOV/WL/citation/fines issued for illicit discharges found during proactive inspection	1	Scanned in LF under NPDES FY 2018	Building Department	
	Report on the reactive investigation program as it relates 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	3	Code enforcement New World Systems module and scanned in Laserfiche under NPDES FY 2018	Building Dept.	
	Reactive investigations of reports of suspected illicit discharges etc.	3	Code enforcement New World Systems module and scanned in Laserfiche under NPDES FY 2018	Building Dept.	
	Illicit discharges etc. found during reactive investigation	3	Code enforcement New World Systems module and scanned in Laserfiche under NPDES FY 2018	Building Dept.	

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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
	<p>NOV/WL/citation/fines issued for illicit discharges etc. found during reactive investigation</p>	3	Code enforcement New World Systems module and scanned in Laserfiche under NPDES FY 2018	Building Dept.	
	<p>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.</p>				
	<p>Personnel trained</p>	3	Scanned in Laserfiche under NPDES FY 2018	Building Dept.	
	<p>Contractors trained</p>	0	None	none	
<p>Part III.A.7.d</p>	<p>Illicit Discharges and Improper Disposal — Spill Prevention and Response</p>				
	<p>Report on the spill prevention and response activities, including the number of spills addressed.</p>				
	<p>Hazardous and non-hazardous material spills responded to</p>	None			
	<p>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.</p>				
	<p>Personnel trained</p>	3	Scanned in Laserfiche under NPDES FY 2018	Building Dept	
	<p>Contractors trained</p>	0			
<p>Part III.A.7.e</p>	<p>Illicit Discharges and Improper Disposal — Public Reporting</p>				
	<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 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).</p>				
	<p>Public Education and Outreach Program</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>
	<p>Brochures/Flyers/Fact sheets distributed</p>	145	Building Department counter	Building Department	

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
	Neighborhood presentations: Number conducted	1	monthly brochure log ICC Cleanup 9/15/18	Building Dept.	Original Section during ICC Cleanup
	Neighborhood presentations: Number of participants	28	Log kept in NPDES file cabinet at Building Dept	Building Dept.	
	Newspapers & newsletters: Number of articles/notices published	0	Log kept in NPDES file cabinet at Building Dept	Building Dept.	
	Newsletters: Number of newsletters distributed	183	Log kept in NPDES file cabinet at Building Dept	Building Dept.	
	Public displays (e.g., kiosks, storyboards, posters, etc.)	1	In City Hall	Building Department	
	Radio or television Public Service Announcements (PSAs)	0	Log kept in NPDES file cabinet at Building Dept	Building Dept.	
	School presentations: Number conducted	0	Log kept in NPDES file cabinet at Building Dept	Building Dept.	
	School presentations: Number of participants	0	Log kept in NPDES file cabinet at Building Dept	Building Dept.	
	Seminars/Workshops: Number conducted	0	Log kept in NPDES file cabinet at Building Dept	Building Dept.	
	Seminars/Workshops: Number of participants	0	Log kept in NPDES file cabinet at Building Dept	Building Dept	
	Special events: Number conducted	0	Log kept in NPDES file cabinet at Building Dept	Building Dept	

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>Special events: Number of participants</p> <p>Number of visitors to stormwater-related pages</p>	<p>0</p> <p>0</p>	<p>Log kept in NPDES file cabinet at Building Dept</p> <p>Log kept in NPDES file cabinet at Building Dept</p>	<p>Building Dept</p> <p>Building Dept</p>	
Part III.A.7.f	<p>Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardous Waste Control</p>				
	<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>Public Education and Outreach Program</p> <p>Brochures/Flyers/Fact sheets distributed</p> <p>Neighborhood presentations: Number conducted</p> <p>Neighborhood presentations: Number of participants</p> <p>Newspapers & newsletters: Number of articles/notices published</p> <p>Newsletters: Number of newsletters distributed</p> <p>Public displays (e.g., kiosks, storyboards, posters, etc.)</p> <p>Radio or television Public Service Announcements (PSAs)</p> <p>School presentations: Number conducted</p> <p>School presentations: Number of participants</p> <p>Seminars/Workshops: Number conducted</p> <p>Seminars/Workshops: Number of participants</p> <p>Special events: Number conducted</p> <p>Special events: Number of participants</p> <p>Storm sewer inlets newly marked/replaced</p> <p>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.g	<p>Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seepage</p>				
	<p>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.</p>				
	<p>Owner of the sanitary sewer system</p> <p>Activity to reduce/eliminate SSOs and I&I: (description)</p> <p>Activity to reduce/eliminate SSOs and I&I: (description)</p>	<p>0</p>	<p>Palm Beach County</p> <p>See PBC</p>	<p>Palm Beach County</p> <p>PBC</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
	SSO incidents discovered SSO incidents resolved Inflow / infiltration incidents discovered Inflow / infiltration incidents resolved	0 0 0 0	See PBC See PBC See PBC See PBC	PBC PBC PBC PBC	
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: Limitations: SWMP Revisions implemented to address limitations:				
Part III.A.8.a	Industrial and High-Risk Runoff — Identification of Priorities and Procedures for Inspections Report on the high-risk facilities inventory, including the type and total number of high risk facilities and the number of facilities newly added each year. Report on the high-risk facilities inspection program, including the number of inspections conducted and the number and type of enforcement actions taken.				
	Type of Facility	Number of Facilities	Number of Inspections	Enforcement Actions	
	Operating municipal landfills	0	None	None	
	Hazardous waste treatment, storage, disposal and recovery (HWTSDR) facilities	0	None	None	
	EPCRA Title III, Section 313 facilities (TRI)	0	None	None	
	Facilities determined as high risk by the permittee	0	None	None	
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 None				
	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:				
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.				

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

A.	B.	C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	PERMITTEE SITES: Construction site plans reviewed	0	Scanned in Laserfiche under NPDES FY 2018	Building Dept	
	PERMITTEE SITES: Construction site plans approved	0	Scanned in Laserfiche under NPDES FY 2018	Building Dept	
	PRIVATE SITES: Construction site plans reviewed	1	Scanned in Laserfiche under NPDES FY 2018	Building Dept	
	PRIVATE SITES: Construction site plans approved	1	Scanned in Laserfiche under NPDES FY 2018	Building Dept	
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	1	Located in Planning & Engineering Dept Files	Planning & Engineering Dept.	Scanned in Laserfiche under NPDES FY 2018
	Confirmed ERP coverage	1	Located in Planning & Engineering Dept Files	Planning & Engineering Dept	Scanned in Laserfiche under NPDES FY 2018
	Notified of CGP stormwater permit requirements	1	Log kept in NPDES file cabinet at Building Dept	Building Dept	Scanned in Laserfiche under NPDES FY 2018
	Confirmed CGP coverage	1	Log kept in NPDES file cabinet at Building Dept	Building Dept	Scanned in Laserfiche under NPDES FY 2018

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	Scanned in Laserfiche under NPDES FY 2018
	Building Dept

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>PERMITTEE SITES: Pre-, During, and Post inspections of active construction sites for E&S and waste control BMPs</p> <p>PERMITTEE SITES: Percentage of active construction sites inspected</p> <p>PRIVATE SITES: Active construction sites</p> <p>PRIVATE SITES: Pre-, During, and Post inspections of active construction sites for E&S and waste control BMPs</p> <p>PRIVATE SITES: Percentage of active construction sites inspected</p> <p>Enforcement Action</p>	<p>0</p> <p>0</p> <p>10</p> <p>24</p> <p>100%</p> <p>0</p>	<p>Scanned in Laserfiche under NPDES FY 2018</p> <p>Scanned in Laserfiche under NPDES FY 2018</p> <p>Scanned in Laserfiche under NPDES FY 2018</p> <p>Scanned in Laserfiche under NPDES FY 2018</p> <p>Scanned in Laserfiche under NPDES FY 2018</p> <p>Scanned in Laserfiche under NPDES FY 2018</p>	<p>Building Dept</p> <p>Building Dept</p> <p>Building Dept</p> <p>Building Dept</p> <p>Building Dept</p> <p>Building Dept</p>	
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	6	Scanned in Laserfiche under NPDES FY 2018	Building Dept	
	Permittee construction site plan reviewers	2	Scanned in Laserfiche under NPDES FY 2018	Planning & Engineering Dept	
	Permittee construction site operators	0	Scanned in Laserfiche under NPDES FY 2018	Building Dept	

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.9 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.2 of the permit. Strengths: Pro-active in the permitting process Limitations: Labor shortage SWMP revisions implemented to address limitations: Considering re-structuring of Dept. to meet needs.				

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

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
			<input type="checkbox"/> / <input type="checkbox"/>		1		(Year 3 AR)	(Year 4 AR; N/A if BPCP)
			<input type="checkbox"/> / <input type="checkbox"/>					
			<input type="checkbox"/> / <input type="checkbox"/>					

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
		(Year 3 AR)	(Year 4 AR; N/A if BPCP)	

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):

REVIEW OF GREENACRES CODES AND REGULATIONS THAT REDUCE STORMWATER IMPACTS

**CITY OF GREENACRES
PLANNING AND ENGINEERING DEPARTMENT
OCTOBER 31, 2012
REVISED JANUARY 7, 2015
REVISED MAY 24, 2018
REVISED APRIL 4, 2019**

In accord with the requirements of the City's MS4 Permit, this report will serve as documentation of the required review of current codes and land development regulations to identify changes that will reduce the stormwater impact of new development and significant redevelopment. To conduct the review, the following documents were used:

1. Chapter 16, Article IV of the City Code concerning patios and driveways, with revisions included in Ordinance 2010-09 adopted June 7, 2012.
2. City Code Chapter 4, Article I concerning land clearing; Chapter 7, Article II concerning property maintenance; and Chapter 16, Article VII concerning landscaping, with revisions included in Ordinance 2011-06 adopted May 16, 2011.
3. Chapter 12 of the City Code concerning subdivisions and land development regulations, with revisions included in Ordinance 2012-16 adopted October 12, 2012.
4. Planning and Engineering Department Policy and Procedure Manual.
5. Chapter 7, Article V of the City Code concerning fertilizer use, with revisions included in Ordinance 2012-20 adopted December 3, 2012.

Within the last few years, the City of Greenacres has worked to update the Zoning Code and Subdivision and Land Development Regulations of the City to incorporate modern practices and materials, integrate lessons learned through the NPDES program, and to codify various interpretive policies.

As described below, these recent updates to the City's Code and policies have put in place regulations to add many of the low-impact design practices; or have expanded upon support for these practices already present in the Code.

1. Grassed swales: The prescriptive design for local streets found in Section 12-67(r) calls for grass swales. The swales occupy the significant remainder of right-of-way left after the modest pavement and sidewalk widths have been subtracted. Most streets in the City have been built using this design or its predecessors. Section 7-29 requires that all swales have a complete groundcover of lawn grass in order to preclude the installation of various impervious materials which would compromise the functioning of the swale. A number of years ago, the City experimented with alternatives to sod for swales by allowing a developer to use a groundcover plant. The experiment was a failure due to washing out of the plants caused by the flow of runoff across the swale and water splashed on the planting area from the roadway. The plants were removed and replaced with sod.
2. Pervious pavement: The City's Subdivision and Land Development Regulations do not currently allow pervious pavement. The City has concerns about the long term performance and durability of this product. It is also our understanding that

the South Florida Water Management District does not allow this material to count towards required drainage. Given the added expense and maintenance concerns, we do not anticipate adding allowance for pervious pavement to the Code in the near term, but we will re-evaluate this if these circumstances change.

3. Green roofs: These are primarily a Building Code issue due to the structural loads imposed and related concerns. The City's Code does not prohibit green roofs and roof gardens.
4. Rain barrels / cisterns: The City's Code does not prohibit rain barrels or cisterns.
5. A minimum value of green / open space: The City's Landscape Code in Section 16-1286 requires large perimeter buffers of a prescribed width (typically not less than 10 feet and as wide as 25 feet in some cases) and in Section 16-1287 requires that a minimum of 10% of the parking area be landscaped. It has been our experience that these standards provide a reasonable balance between open space and the City's older suburban development pattern. Adding an overall green or open space percentage requirement would not be productive or conducive to redevelopment.
6. Bio-retention facilities / areas: The City's Code promotes the use of swales by requiring them as part of the standard local street cross section [Section 12-76(r)] and requiring that they be grassed (Section 7-29). As described in 1. above, we have not had good results using other materials for swale landscaping. To achieve cleaner water and provide wildlife habitat, Section 16-1291 requires the installation of littoral plants and wetland trees in all drainage ponds.
7. Native landscaping / FYN program: Section 16-1307 of the Code requires that native trees be used for at least 50% of the required trees in a project and Sections 16-1307 and 16-1308 list the recommended native trees and shrubs that should be used.
8. Irrigation conservation: To help conserve irrigation water, the City has adopted xeriscape principles into the Code in Section 16-1305. Also, Section 16-1266 describes concepts which will conserve water and which should be incorporated into all proposed landscape designs such as preservation of existing plants, re-establishment of native plant communities, limiting lawn grass areas, use of plants suitable for the growing conditions to be encountered, provision of shade trees to reduce transpiration of understory plants, and retention of stormwater. In addition, in Section 16-1246 of the Code, rain sensors and certain other design features are included to eliminate wasted irrigation.
9. Infiltration trenches: The City's Code does not prohibit infiltration trenches. Also, our local soil conditions are typically such that retention and detention areas don't need a gravel bed or similar bottom to percolate well.
10. Retention of runoff: Retention of runoff as part of the design of a proper stormwater management system is required by Section 12-58(a), (b), and (i). In addition to the

swales and retention / detention ponds discussed above, the design of individual house lots contributes to retention of runoff. The City's Code requires that all lots be landscaped and limits the size of driveways and patios by imposing setback standards. This has the effect of reducing impervious area, which reduces runoff, and increasing retention of stormwater through preservation of pervious area.

11. Vegetative buffers / filters: Section 16-1291 requires the installation of littoral plants and wetland trees in all drainage ponds. These plants will help filter the stormwater prior to discharge from the lake.

In addition, on December 3, 2012 the City Council adopted Ordinance 2012-20 implementing into the City Code "Florida Friendly Fertilizer Use" regulations consistent with FDEP's model ordinance on appropriate fertilizer application controls.

Therefore, given the recent updates to the City's Code and given the limitations of the features listed above which have not been adopted, further changes to the City's Zoning, Landscaping, and Subdivision and Land Development Codes do not appear to be necessary.