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: Palm Beach County		
B.	Permit Name: Palm Beach County MS4		
C.	Permit Number: FLS000018-004		
D.	Annual Report Year: ☒ Year 1 ☐ Year 2 ☐ Year 3 ☐ Year 4 ☐ Year 5 ☐ Other, specify Year:		
E.	Reporting Time Period (month/year): October/ 2016 through September / 2017		
F.	Name of the Responsible Authority: Verdenia C. Baker		
	Title: County Administrator		
	Mailing Address: 301 N. Olive Avenue		
	City: West Palm Beach	Zip Code: 33401	County: Palm Beach County
	Telephone Number: (561) 355-2030	Fax Number: (561) 355-3982	
	E-mail Address: VBaker@pbcgov.org		
G.	Name of the Designated Stormwater Management Program Contact (if different from Section I.F above): Bonnie Finneran		
	Title: Environmental Director		
	Department: Environmental Resources Management		
	Mailing Address: 2300 North Jog Road, 4th Floor		
	City: West Palm Beach	Zip Code: 33411-2743	County: Palm Beach County
	Telephone Number: (561) 233-2400	Fax Number: (561) 233-2414	
	E-mail Address: bfinnera@pbcgov.org		

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? ☐ Yes ☐ No ☐ 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? ☐ Yes ☐ No ☐ Not Applicable)
C.	Is the change in the total number of outfalls due to lands annexed or vacated? ☐ Yes ☐ No ☒ Not Applicable

SECTION III.	PART V.B. ASSESSMENT PROGRAM
A.	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. *DEP Note: If permittee participates in a collaborative monitoring plan, permittee may refer to a joint response as defined by the interlocal agreement.* Name and date of the approved plan: Please see Joint Annual Report for PBC Group NPDES MS4 Permittees. Status: Please Joint Annual Report for PBC Group NPDES MS4 Permittees. For additional information see the NPDES Group Permittee's website at www.pbco-npdes.org.
B.	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. *DEP Note: Results must be specific to the permittee's SWMP.* Please refer to the Cycle 4, Year 1 Joint Annual Report for a summary of the Palm Beach County NPDES Group's water quality monitoring results for the reporting period. Refer to the 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. Palm Beach County's newly-developed, individual Assessment Plan is under review by FDEP and will be implemented and/or updated during Year 2 of the permit cycle. 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.
C.	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. *DEP Note: Analysis must be specific to the permittee's SWMP.* Please see Joint Annual Report for PBC Group NPDES MS4 Permittees available at the NPDES Group Permittee's website at www.pbco-npdes.org.

SECTION IV.	FISCAL ANALYSIS
A.	Total expenditures for the NPDES stormwater management program for the current reporting year: $6,702,823
B.	Total budget for the NPDES stormwater management program for the subsequent reporting year: $6,018,503
C.	Did subsequent program resources decrease from the current reporting period? Y ☐ / N ☒ If program resources decreased, provide a discussion of the impacts on the implementation of the SWMP.

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
☐	☐	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	
☐	☐	If program resources have decreased from the previous year, a discussion of the impacts on the implementation of the SWMP.	Part II.F	
☐	☐	An explanation of why the minimum inspection frequency in Table II.A.1.a. was not met, if applicable.	Part II.A.1	
☐	☐	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	
☐	☐	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 VI.B.2.	
☒	☐	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	
☐	☐	YEAR 2: A summary review of codes and regulations to reduce the stormwater impact from development.	Part III.A.2	
☐	☐	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	
☐	☐	YEAR 3: Summary of TMDL Monitoring Results (if applicable).	Part VIII.B.2	
☐	☐	YEAR 3: Bacteria Pollution Control Plan (if applicable).	Part VIII.B.3	
☐	☐	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	
☐	☐	YEAR 4: A report on any amendments to the applicable legal authority (if applicable).	Part III.A.7.a	
☐	☐	YEAR 4: Permit re-application information in accordance with Rule 62-624.420(2), F.A.C. • 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	
☐	☐	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): Verdenia C. Baker

Title: County Administrator

Signature: [signature] Date: 5/31/2018

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. *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.*									
	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.	SFWMD stormwater management criteria discourages dry retention systems.
	Exfiltration trench / French drains (lf)	165,759	0	0%	0	0%		Job Perf. Report	Road & Bridge	All Inspected in 2013/Inspectors to resume inspecting all systems once every three years.
	Grass treatment swales (miles)	1224.5	68	1%	54	1%		Job Perf. Report	Road & Bridge	Full Inspection 2013
	Dry detention systems	28	357	100%	168	100%		Dredge Job Cost	Road & Bridge	Inspected bi-monthly
	Wet detention systems	43	152	100%	258	100%		Dredge Job Cost	Road & Bridge	Inspected bi-monthly
	pump stations	1	12	100%	5	40%		Bridge job cost	Road & Bridge	
	Major outfalls	152	122	80%	0	0		Job Perf. Report	Road & Bridge	Due to historical operation records DEP granted a request from PBC to inspect

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									all major outfall during the permit cycle.
	Weirs or other control structures	61	0	0%	0	0	Dredge Job Cost	Road & Bridge	All weirs/control structures were inspected last Permit year.
	pipes / culverts (miles)	8.44	106	12.5%	71	10%	Job Perf. Report	Road & Bridge	Continue Inventory
	Inlets / catch basins / grates	40,161	25,033	62%	10,269	25%	Job Perf. Report	Road & Bridge	Continue Inventory
	Ditches / conveyance swales (miles)	21.4	393	100%	458	100%	Job Perf. Report	Road & Bridge	
	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.	☐							

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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	Provide an evaluation of the Stormwater Management Program according to Part VI.B.3 of the permit.				
	Strengths: Experienced staff.				
	Limitations: Inventory of structural controls not finalized.				
	SWMP revisions implemented to address limitations: Continue and complete structural controls inventory.				
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	60	Project Files	Engineering	
	Number of significant development projects approved	60	Project Files	Engineering	
	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	☐			
	Year 4 ONLY: Attach the follow-up report on plan implementation	☐			
Part III.A.2 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.3 of the permit.				
	Strengths: Experienced Engineering staff.				
	Limitations: None observed.				
	SWMP revisions implemented to address limitations: None appear necessary 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. *Note: If the permittee does not contract activities, delete CONTRACTOR activities.*				
	CONTRACTOR Litter Control: Frequency of litter collection	16	Vendor Reports and Dept. records	Streetscape Section's Service Vendor	
	CONTRACTOR Litter Control: Estimated amount of area maintained (lf)	666,495	Vendor Reports and Dept. records	Streetscape Section's Service Vendor	
	CONTRACTOR Litter Control: Estimated amount of litter collected (tons)	12.77	Vendor Reports and Dept. records	Streetscape Section's Service Vendor	
	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".				

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Permit Citation/ SWMP Element	**Permit Requirement/Quantifiable SWMP Activity**	**Number of Activities Performed**	**Documentation / Record**	**Entity Performing the Activity**	**Comments**
	Trash Pick-up Events: Total miles cleaned	148	Event site reports and records	Keep Palm Beach County (KPBC) Beautiful	
	Trash Pick-up Events: Estimated amount of litter collected (tons)	26.6	Event site reports	KPBC Beautiful	
	Adopt-A-Road: Total miles cleaned	72	Adopt a Road files	PBCENG	
	Adopt-A-Road: Estimated amount of litter collected (bags, 30 gallon)	6075	Adopt a Road files	PBCENG	
	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	2 times per year	Job Perf. Report	Road & Bridge	
	Total miles swept	2,095.05	Job Perf. Report	Road & Bridge	
	Estimated quantity of sweeping material collected (cubic yards)	2,665.9	Road Material cost Employee Report	Road & Bridge	
	Total phosphorous loadings removed (pounds)	2,2007	FDEP/FSA Nutrient Load Reduction Assessment tool spreadsheet	PBC ERM	
	Total nitrogen loadings removed (pounds)	3,441	FDEP/FSA Nutrient Load Reduction Assessment tool spreadsheet	PBC ERM	
	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**			
	PBC Vista Fleet Maintenance	1	Inspection Report	PBC Facilities Compliance Section	

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Part III.A.3 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.3 of the permit.				
	Strengths: Well organized maintenance program				
	Limitations: Occasional equipment maintenance issues.				
	SWMP revisions implemented to address limitations: Fix damaged street sweeper.				
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	1	Dept. Records	Engineering & Public Works	
	Flood control projects completed that did not include stormwater treatment	0			The Flood Control Project provided stormwater treatment
	Stormwater retrofit projects planned/under construction	0			No Flood Control Projects currently under construction
	Stormwater retrofit projects completed	1	Dept. Records	Engineering & Public Works	
	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.3 of the permit.				
	Strengths: Experienced Engineering staff and contracting methods.				
	Limitations: PBC MSTU funding exhausted which provided 50% of projects costs.				
	SWMP revisions implemented to address limitations: None at this time. MSTU projects may still proceed if property owners agree to the assessments.				

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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**			
	South County Transfer Station	14	Inspection Report	Env. Programs	
	Central County Transfer Station	14	Inspection Report	Env. Programs	
	Glades Regional Transfer Station	14	Inspection Report	Env. Programs	
	West Central Transfer Station	14	Inspection Report	Env. Programs	
	North County Transfer Station	14	Inspection Report	Env. Programs	
	Southwest County Tansfer Station	14	Inspection Report	Env. Programs	
Part III.A.5 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.3 of the permit.				
	Strengths: Well managed facilities designed to retain 100 year storm event.				
	Limitations: None observed				
	SWMP revisions implemented to address limitations: None necessary at this time.				
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	1,774	IFAS Monthly Reports	PBC UF/IFAS	
	CONTRACTORS: FDACS commercial applicators of pesticides/ herbicides	1,044	IFAS Monthly Reports	PBC UF/IFAS	
	PERSONNEL: Green Industry BMP Program training completed	9	IFAS Monthly Reports	FYN	
	CONTRACTORS: FDACS certified / licensed applicators of fertilizer	816	IFAS Monthly Reports	FYN	
	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	☐			
	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,				

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	and the number of Web site visits (if applicable).				
	Brochures/Flyers/Fact sheets distributed	1,098	IFAS Monthly Reports	PBC UF/IFAS	
	Neighborhood presentations: Number conducted	2	IFAS Monthly Reports	PBC UF/IFAS	
	Neighborhood presentations: Number of participants	24	IFAS Monthly Reports	PBC UF/IFAS	
	Newspapers & newsletters: Number of articles/notices published	1	IFAS Monthly Reports	PBC UF/IFAS	
	Newsletters: Number of newsletters distributed	10	IFAS Monthly Reports	PBC UF/IFAS	
	Public displays (e.g., kiosks, storyboards, posters, etc.)	2	IFAS Monthly Reports	PBC UF/IFAS	
	School presentations: Number conducted	8	IFAS Monthly Reports	PBC UF/IFAS	
	School presentations: Number of participants	798	IFAS Monthly Reports	PBC UF/IFAS	
	Seminars/Workshops: Number conducted	137	IFAS Monthly Reports	PBC UF/IFAS	
	Seminars/Workshops: Number of participants	3,896	IFAS Monthly Reports	PBC UF/IFAS	
	Special events: Number conducted	1	IFAS Monthly Reports	PBC UF/IFAS	
	Special events: Number of participants	150	IFAS Monthly Reports	PBC UF/IFAS	
	Number of visitors to stormwater-related pages	1,976	IFAS Monthly Reports	PBC UF/IFAS	
	FYN: Brochure/Flyers/Fact sheets distributed	25,354	IFAS Monthly Reports	FYN	
	FYN: Neighborhood presentations: Number conducted	31	IFAS Monthly Reports	FYN	
	FYN: Neighborhood presentations: Number of participants	1,101	IFAS Monthly Reports	FYN	
	FYN: Public displays (e.g., kiosks, storyboards, posters, etc.)	6	IFAS Monthly Reports	FYN	
	FYN: Radio or television Public Service Announcements (PSAs)	1	IFAS Monthly Reports	FYN	
	FYN: School presentations: Number conducted	3	IFAS Monthly Reports	FYN	
	FYN: School presentations: Number of participants	76	IFAS Monthly Reports	FYN	
	FYN: Seminars/Workshops: Number conducted	17	IFAS Monthly	FYN	

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			Reports		
	FYN: Seminars/Workshops: Number of participants	728	IFAS Monthly Reports	FYN	
	FYN: Special events: Number conducted	11	IFAS Monthly Reports	FYN	
	FYN: Special events: Number of participants	1,992	IFAS Monthly Reports	FYN	
Part III.A.6 Summary	Provide an evaluation of the Stormwater Management Program according to Part VI.B.3 of the permit.				
	Strengths: Extensive range of training, certification and educational programs.				
	Limitations: None observed.				
	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	☐			
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	17	Proactive Insp. database	PBC ERM	
	Illicit discharges found during a proactive inspection	0	Proactive Insp. database	PBC ERM	No violations observed.
	NOV/WL/citation/fines issued for illicit discharges found during proactive inspection	0		PBC ERM	No violations observed.
	Year 1 ONLY: Attach the written proactive inspection program plan	☒		PBC ERM	Attached.
	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	2	Complaint Log.	PBC ERM	Public reporting of suspected illicit discharges has been decreasing over time.
	Reactive investigations of reports of suspected illicit discharges etc.	2	Complaint Log.	PBC ERM	
	Illicit discharges etc. found during reactive investigation	0	Complaint Log.	PBC ERM	None substantiated.
	NOV/WL/citation/fines issued for illicit discharges etc. found during reactive investigation	0		PBC ERM	None substantiated.

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	Report the type of training activities, and the number of permittee personnel and contractors trained (both in-house and outside training) within the reporting year.				
	Personnel trained	3	Attendance Log.	PBC NPDES Steering Committee.	
	Contractors trained	N.A.			Contractors are not utilized.
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	484	Special Operations Situation Dispatches	PBC Fire-Rescue	
	Report the type of training activities, and the number of permittee personnel and contractors trained (both in-house and outside training) within the reporting year.				
	Personnel trained	1,517	HazMat Competency Database	PBC Fire-Rescue	
	Contractors trained	N.A.			Contractors not utilized.
Part III.A.7.e	**Illicit Discharges and Improper Disposal — Public Reporting**				
	Report on the public education and outreach activities that are performed or sponsored by the permittee within the permittee's jurisdiction to encourage the public reporting of suspected illicit discharges and improper disposal of materials, including the type and number of activities conducted, the type and number of materials distributed, and the number of Web site visits (if applicable).				
	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 available at the Group Permittee's website at www.pbco-npdes.org.				
Part III.A.7.f	**Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardous Waste Control**				
	Report on the public education and outreach activities that are performed or sponsored by the permittee within the permittee's jurisdiction to encourage the proper use and disposal of oils, toxics, and household hazardous waste, including the type and number of activities conducted, the type and number of materials distributed, the amount of waste collected / recycled / properly disposed, and the number of Web site visits (if applicable).				
	Estimated percentage of the population reached by Palm Beach County Home Chemical Collection Program	80%		Solid Waste Authority	
	Brochures/Flyers/Fact sheets distributed	106,650	Brochures	Recycling/ HHW Services/ Public Affairs	
	Household Hazardous Waste (HHW) Collection Day: Events	2,170	Disposal Records	HHW Services	

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	HHW Collection Day: Amount of waste collected/recycled/disposed (tons)	1,848	Disposal Records	HHW Services	
	Neighborhood presentations: Number conducted	177	Samples	Recycling	
	Neighborhood presentations: Number of participants	6,202	Samples	Recycling	
	Newspapers & newsletters: Number of articles/notices published	12	N.A.	Media Arts	
	Newsletters: Number of newsletters distributed	12	Samples	Public Affairs	
	Public displays (e.g., kiosks, storyboards, posters, etc.)	139	Samples	Recycling/ Community Services	
	Radio or television Public Service Announcements (PSAs)	3,991	DVD	Public Affairs	
	School presentations: Number conducted	443	Samples	Recycling	
	School presentations: Number of participants	18,899	Samples	Recycling	
	Seminars/Workshops: Number conducted	6	Samples	Recycling	
	Seminars/Workshops: Number of participants	2,000	Samples	Recycling	
	Special events: Number conducted	75	Samples	Recycling/ Community Services	
	Special events: Number of participants	103,873	Samples	Recycling/ Com. Service	
	Number of visitors to stormwater-related pages	N.A.			
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	Palm Beach County Water Utilities			
	Activity to reduce/eliminate SSOs and I&I: Repair / lining of sanitary sewer system (ft.)	32,000	I & I Monthly Activity Report	WUD Const. Group	
	Activity to reduce/eliminate SSOs and I&I: Lift Station Rehabilitation / Conversion	28	I & I Monthly Activity Report	WUD Const. Group	
	SSO incidents discovered	7	I & I Monthly Activity Report	WUD Const. Group	
	SSO incidents resolved	7	I & I Monthly Activity Report	WUD Const. Group	
	Inflow / infiltration incidents discovered	0	I & I Monthly Activity Report	WUD Const. Group	None reported.
	Inflow / infiltration incidents resolved	0	I & I Monthly Activity Report	WUD Const. Group	None reported.

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.7 Summary	For activities required by Part III.A.7: Provide an evaluation of the Stormwater Management Program according to Part VI.B.3 of the permit.						
	Strengths: Well trained and motivated staff						
	Limitations: None Observed						
	SWMP Revisions implemented to address limitations: None necessary 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.						
	Type of Facility	**Number of Facilities**	**Number of Inspections**	**Enforcement Actions**			
	Operating municipal landfills	1	0	0			The PBC Solid Waste Authority has one operating landfill with a NPDES Permit and does not discharge to any MS4.
	Hazardous waste treatment, storage, disposal and recovery (HWTSDR) facilities	N.A.					None in PBC.
	EPCRA Title III, Section 313 facilities (TRI)	4	4	0	Database	PBC ERM	No discrepancies observed.
	Facilities determined as high risk by the permittee	0				PBC ERM	None identified through the proactive inspections.
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			N.A.			

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.8 Summary	For activities required by Part III.A.8: Provide an evaluation of the Stormwater Management Program according to Part VI.B.3 of the permit.				
	Strengths: Lack of industrial activity and High-Risk facilities in PBC.				
	Limitations: None.				
	SWMP revisions implemented to address limitations: None deemed necessary at this time.				
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	12	List of active PBC job sites during the Permit Year.	PBC Engineering Construction Coordination.	
	PERMITTEE SITES: Construction site plans approved	12	List of active PBC job sites during the Permit Year.	PBC Engineering Construction Coordination.	
	PRIVATE SITES: Construction site plans reviewed	17	Construction Inspection database.	Construction Inspection database.	
	PRIVATE SITES: Construction site plans approved	17	Construction Inspection database.		
	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	60	Project Files	Engineering Land Development Div	
	Confirmed ERP coverage	60	Project Files	Engineering Land Development Div	
	Notified of CGP stormwater permit requirements	129	DRO Comments and ERM Plat reviews	PBC ERM	This is a summation of Development Review Office comments from ERM and ERM Plat review comments. Overlap and/or double counting is likely.

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE					
A.	B.	C.	D.	E.	F.
Permit Citation/ SWMP Element	**Permit Requirement/Quantifiable SWMP Activity**	**Number of Activities Performed**	**Documentation / Record**	**Entity Performing the Activity**	**Comments**
	Confirmed CGP coverage	29	Construction Inspection database		
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	12	List of active PBC job sites during the Permit Year.	PBC Engineering Construction Coordination	
	PERMITTEE SITES: Pre-, During, and Post inspections of active construction sites for E&S and waste control BMPs	261	Inspection Reports	PBC Engineering Construction Coordination	
	PERMITTEE SITES: Percentage of active construction sites inspected	100%	Inspection Reports	PBC Engineering Construction Coordination	
	PRIVATE SITES: Active construction sites	17	Construction Inspection database.	Construction Inspection database.	
	PRIVATE SITES: Pre-, During, and Post inspections of active construction sites for E&S and waste control BMPs	30	Construction Inspection database.	PBC ERM	Reduced number of inspections due to extended medical leave of primary inspector.
	PRIVATE SITES: Percentage of active construction sites inspected	100%	Construction Inspection database.	PBC ERM	
	Enforcement Action	0		PBC ERM	No significant violations observed. Compliance assistance provided when DEP letter of NOI approval is not available on-site.

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**
	Year 1 ONLY: Attach the written construction site inspection program plan		☒			
Part III.A.9.c	**Construction Site Runoff — Site Operator Training**					
	Report the type of training activities, the number of inspectors, site plan reviewers and site operators trained (both in-house and outside training).					
		DEP Certification	**Annual Training**			
	Permittee construction site inspectors	2	3	Attendance log.	Florida Stormwater Erosion and Sediment Control Inspector Training/ EXCAL Visual	
	Permittee construction site plan reviewers			DEP Erosion and sediment control inspector certificates.	PBC Engineering Coordination and ERM	All PBC inspectors have received DEP Certification.
	Permittee construction site operators					
Part III.A.9 Summary	For activities required by Part III.A.9: Provide an evaluation of the Stormwater Management Program according to Part VI.B.3 of the permit.					
	Strengths: Well trained and experienced inspection staff.					
	Limitations: Primary inspector was on FLMA several months for extended illness. Thus fewer inspections.					
	SWMP revisions implemented to address limitations: Due to staff recovery and return to duty, 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.**
		No changes proposed.
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
3264A	E-1 Canal	Fecal Coliform	☒ / ☐	97%	1	TBD	(*Year 3 AR*)	(*Year 4 AR; N/A) if BPCP*)
3262A	Lake Ida	TN & TP	☐ / ☒	TN 20% TP 45%	2	TBD		
			☐ / ☐					

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

C. Provide a brief statement as to the status of TMDL implementation according to Part VIII.B. of the permit (e.g. status of monitoring to validate WLA):

Monitoring Plan for E-1 Canal Fecal Coliform TMDL is under development and should be complete this spring.

NPDES STANDARD OPERATING PROCEDURES FOR PALM BEACH COUNTY ROAD AND BRIDGE/ROAD SECTION

All maintenance supervisors in the Road Section will be responsible to comply with the requirements of maintenance, inspection and recording information related to NPDES requirements.

- All Storm water related items are to be inspected, and maintained in compliance with NPDES requirements.
- All inspections will be recorded on the appropriate inspection report and routed to the Asst. Road Superintendent for review and subsequent retrieval for the annual report.
    - The reports are to be prepared on the computer by each supervisor or designee and stored on the common drive for future retrieval needs.
- All inspections are to be recorded on daily cost records for input into the cost allocation database.
- Inspections of ponds are as follows:
    - Thorough inspection of all perimeters of the pond to identify debris, evasive plants, infrastructure discrepancies, and security for the wet ponds.
    - District Supervisors are to report infrastructure maintenance needs to the Asst. Road Superintendent and recommend corrective action. This information is to be recorded on the inspection report.
    - Bi – Monthly inspections are to be conducted and recorded to ensure the contractors are complying with maintenance requirements in the contract. The results are to be reported to the Asst. Road Superintendent
        - Payments are to be withheld for non compliance with proper maintenance such as evasive species, thorough mowing, litter removal etc.
        - Contractors are to be contacted by the District Supervisor and informed of the discrepancies.
- Ditch Inspection as follows:
    - Each visit by the excavating machine will include maintenance and inspection of the ditch.
        - Inspections to include proper flow line, culverts clear, identifying debris, encroaching vegetations and recording on an inspection report to be created.
        - All deficiencies to be reported to the district supervisor so repair or maintenance schedules to correct the problems can be created.
        - All activities to be recorded in the cost allocation database.
        - All activities to be reported to the Asst. Road Superintendent
- Ex-filtration Inspection as follows:
    - District Supervisors to conduct inspections as indicated by NPDES requirements.
        - Upon completion of the initial inspection the data is to be stored on the common drive and include the specific location and the details of the system.
            - Inspections to include notes on sediment and debris, any infrastructure damages etc.

                - all information is to be recorded on an inspection report and relayed to the Asst. Road Superintendent
                - Maintenance needs are to be scheduled with the appropriate maintenance crew and reported to the Asst. Road Superintendent
- Debris removal from storm drains and streets:
    - The routine street sweeping is to be recorded on the cost record for input into the cost allocation database.
        - to include the amount of debris removed from the street, and miles of sweeping completed.
    - Routine inlet and culvert cleaning to be recorded in the cost allocation database, and includes the amount of feet cleaned and the amount of debris removed.
- Inlet and culvert inspection:
    - The District supervisor and the Storm system cleaning supervisor are responsible to ensure inspections are conducted and recorded on cost records for entry to the cost allocation database.
    - Inspections of inlets include a visual inspection of the surface to ascertain if any debris is blocking entry into the inlet.
        - The district supervisor and maintenance crews will be responsible to clear the surface debris and remove it from the site.
    - Culvert inspections are to be conducted by the storm system cleaning crew when cleaning culverts.
        - All cleaning activities are to include creating an inventory of culverts.
            - Culvert inventory to include type of culvert, size, length location.
            - the culvert inventory is to be recorded on the common drive on a spreadsheet that was designed to record all the infrastructure.
                - the culvert inventory is also to be recorded on the cost record to be entered into the cost allocation database and to be recorded and linked to the road inventory to store the inventory related to the road segment the culvert resides on.
            - All sediment removed is to be recorded and disposed of at the appropriate site.
            - All failures are to be reported to the Asst. Road Superintendent so repairs can be scheduled.
            - Formal inspection report forms are to be created.
- Outfall Structure Inspection:
    - The Road Superintendent to assign dedicated staff to locate, and record all outfalls.
        - all data to be stored on the common drive on a spreadsheet specifically designed to store this data.
        - As each site is located and inventoried inspections will be conducted and recorded on a formal inspection form to be created.

- inspections will include identifying and reporting sediment , debris, infrastructure malfunctions, and overall condition and functional report.
- all data to be recorded on the cost record for input into the cost allocation database.
- All maintenance needs to be reported to the District Supervisor so maintenance and repairs can be scheduled.
- All activities to be reported to the Asst. Road Superintendent.

- Swale Inspections:
  - Inspections are conducted by District Supervisors, Crew Chiefs, and maintenance staff.
    - The inspections are recorded on cost records for entry in the cost allocation database.
    - Maintenance needs are recorded and work scheduled as needed.

- Staff /Equipment
  - The Assistant Road Superintendent will oversee all operations to ensure compliance with the NPDES criteria. All reports to be prepared by the Asst. Road Superintendent and reviewed by the Road Superintendent for presentation to the Division Director of Road and Bridge and submittal to administration as required.
  - District Supervisors- each is a Public Works Supervisor with resposonsiblity for maintenance inside a pre-determined area of Palm Beach County and they oversee all road maintenance activities.
  - Storm Drain Supervisor- is a Public Works Supervisor that also is responsible for teh mining operation. This supervisor oversees street sweeping and storm drain cleaning activities in all districts of Palm Beach County.
  - Maintenance crews- crews of equipment operators and laborors that maintain the roads and are the only resource we have to conduct repairs and inspections of NPDES criteria.
  - Ditch maintenance is mostly performed using walker excavators due to the limited accessibility of our drainage ditches. we have 3 of these, and use Gradalls as well when possible.
  - Street sweeping is performed using two street sweepers on a routine route sweeping curbs, intersections and medians.
  - Storm drain cleaning- surface debris is cleared by maintenance crews with hand tools and loaded on trucks for disposal. internal system cleaning is performed using a jet rod combination vacuum machine, sediment is stored in the machine and recorded and disposed of at specific facility designed for this type sediment.

Outfall Number	Element	RBODY	Pipe_Size	Latitude	Longitude
3103	OUT	L-18	36	26− 34' 20.090"	-80− 7' 57.521"
4241	OUT	L-21	36	26− 32' 59.106"	-80− 7' 22.125"
4243	OUT	L-22	36	26− 32' 32.661"	-80− 7' 21.236"
6807	OUT	E-1-1/2	36	26− 19' 54.085"	-80− 11' 10.837"
6809	OUT	UNK	36	26− 19' 54.522"	-80− 10' 35.651"
4274	OUT	L-42	36	26− 23' 39.723"	-80− 7' 21.019"
1313	OUT	BOYNTON CANAL	36	26− 32' 21.954"	-80− 5' 26.124"
1314	OUT	BOYNTON CANAL	36	26− 32' 21.966"	-80− 5' 27.274"
3506	OUT	L-32	36	26− 30' 51.588"	-80− 4' 53.286"
6505	OUT	L-26	36	26− 30' 51.112"	-80− 5' 2.747"
1301	OUT	L-16	36	26− 35' 13.630"	-80− 5' 39.034"
1303	OUT	L-17	36	26− 34' 46.267"	-80− 5' 22.271"
1304	OUT	L-17	36	26− 34' 46.278"	-80− 5' 23.371"
4236	OUT	L-16	36	26− 35' 13.980"	-80− 6' 49.692"
7102	OUT	E-4	36	26− 33' 26.283"	-80− 5' 5.759"
4262	OUT	L-35	36	26− 26' 47.298"	-80− 7' 21.122"
4210	OUT	EPB3A (NPBCWCD)	36	26− 52' 44.056"	-80− 6' 12.253"
4212	OUT	EPB3B (NPBCWCD)	36	26− 52' 5.864"	-80− 6' 15.726"
4218	OUT	EPB3D (NPBCWCD)	36	26− 50' 41.469"	-80− 6' 17.280"
4228	OUT	EPB7	36	26− 47' 13.665"	-80− 6' 24.812"
4209	OUT	EPB3A (NPBCWCD)	36	26− 52' 47.538"	-80− 6' 14.253"
4211	OUT	EPB3B (NPBCWCD)	36	26− 52' 8.613"	-80− 6' 15.688"
1004	OUT	SIMS CREEK	36	26− 56' 29.716"	-80− 7' 5.068"
7004	OUT	EPB-11	36	26− 45' 33.052"	-80− 5' 17.088"
2809	OUT	L-1	36	26− 43' 50.563"	-80− 7' 5.923"
1356	OUT	EPB-11	36	26− 44' 12.226"	-80− 5' 24.384"
1362	OUT	EPB-11	36	26− 42' 30.889"	-80− 5' 10.862"
1365	OUT	E-3-1/2	36	26− 42' 7.620"	-80− 5' 14.441"
213	OUT	STUB CANAL	36	26− 40' 51.943"	-80− 4' 24.861"
2810	OUT	L-1	36	26− 41' 58.327"	-80− 7' 10.559"
331	OUT	L-3	36	26− 41' 31.194"	-80− 9' 4.431"
3301	OUT	C-51	36	26− 40' 40.344"	-80− 8' 43.593"
4403	OUT	CPB-20A	36	26− 42' 20.670"	-80− 12' 31.641"
4404	OUT	UNNAMED CANAL (ITWCD)	36	26− 42' 32.322"	-80− 13' 2.733"
4402	OUT	M-1	36	26− 42' 23.544"	-80− 13' 58.491"
3302	OUT	L-5	36	26− 40' 12.564"	-80− 8' 41.469"
3303	OUT	L-5	36	26− 40' 12.000"	-80− 8' 43.989"
3345	OUT	L-8	36	26− 38' 55.890"	-80− 8' 42.873"
3346	OUT	L-9	36	26− 38' 29.400"	-80− 8' 43.575"
3347	OUT	L-10	36	26− 38' 2.568"	-80− 8' 44.463"
3403	OUT	L-5	36	26− 40' 11.082"	-80− 6' 15.082"
3404	OUT	L-5	36	26− 40' 10.878"	-80− 6' 15.118"
6210	OUT	L-6	36	26− 39' 43.549"	-80− 5' 33.345"
6208	OUT	L-6	36	26− 39' 44.916"	-80− 6' 25.276"
3409	OUT	L-9	36	26− 38' 25.087"	-80− 6' 16.425"
6409	OUT	L-11	36	26− 37' 44.046"	-80− 6' 32.434"

6403	OUT	L-10 (VIA SWMS)	36	26− 37' 54.924"	-80− 8' 11.920"
6402	OUT	L-10 (VIA SWMS)	36	26− 37' 54.978"	-80− 8' 30.958"
3924	OUT	L-13	36	26− 36' 35.029"	-80− 11' 21.567"
3307	OUT	L-14	36	26− 36' 9.116"	-80− 8' 50.388"
3305	OUT	PRI WML	36	26− 36' 18.589"	-80− 8' 46.516"
3308	OUT	L-15	36	26− 35' 48.997"	-80− 8' 49.648"
4234	OUT	L-14	36	26− 36' 12.541"	-80− 6' 50.722"
4235	OUT	L-15	36	26− 35' 46.177"	-80− 6' 59.788"
4231	OUT	L-13	36	26− 36' 39.523"	-80− 6' 49.672"
3502	OUT	L-32	36	26− 28' 8.017"	-80− 8' 50.219"
1202	OUT	L-40	36	26− 24' 31.620"	-80− 11' 59.700"
3509	OUT	L-31/2-4	36	26− 28' 23.568"	-80− 6' 21.924"
3508	OUT	L-31/2-4	36	26− 28' 22.704"	-80− 6' 21.930"
1329	OUT	L-32/E-4	36	26− 28' 8.988"	-80− 5' 35.466"
6610	OUT	E-2-W	36	26− 23' 47.180"	-80− 10' 17.452"
1341	OUT	E-4	36	26− 24' 54.420"	-80− 5' 57.074"
1342	OUT	E-4	36	26− 24' 56.917"	-80− 5' 56.963"
1215	OUT	L-40	36	26− 24' 34.339"	-80− 6' 26.433"
1346	OUT	L-41	36	26− 24' 7.004"	-80− 6' 7.932"
4239	OUT	L-20	36	26− 33' 25.326"	-80− 6' 57.782"
3310	OUT	L-16	36	26− 35' 5.401"	-80− 8' 46.277"
803	OUT	EL RIO CANAL	36	26− 20' 38.016"	-80− 5' 50.199"
1213	OUT	L-40	36	26− 23' 13.564"	-80− 8' 14.937"
6301	OUT	LAKE EDEN	36	26− 29' 26.880"	-80− 4' 28.660"
4249	OUT	L-29	36	26− 29' 28.838"	-80− 7' 21.562"
6501	OUT	L-26	36	26− 30' 48.542"	-80− 7' 4.396"
4288	OUT	L-25	42	26− 31' 14.503"	-80− 7' 24.142"
4285	OUT	L-27	42	26− 30' 21.678"	-80− 7' 24.250"
4276	OUT	L-43	42	26− 23' 12.961"	-80− 7' 15.741"
5413	OUT	INTRACOASTAL	42	26− 50' 34.083"	-80− 4' 20.861"
5402	OUT	EARMAN CANAL	42	26− 48' 51.096"	-80− 4' 25.295"
4222	OUT	MERRILL CANAL (NPBCWCD)	42	26− 49' 2.669"	-80− 6' 22.490"
4308	OUT	C-17	42	26− 48' 29.632"	-80− 5' 8.110"
2803	OUT	NPBCWCD VIA DITCH	42	26− 45' 55.504"	-80− 6' 59.182"
4401	OUT	M-1	42	26− 42' 23.016"	-80− 14' 0.327"
2811	OUT	C-51	42	26− 40' 37.968"	-80− 7' 12.394"
6209	OUT	L-6	42	26− 39' 44.358"	-80− 6' 6.346"
6408	OUT	L-10	42	26− 37' 56.328"	-80− 7' 1.228"
4229	OUT	L-12	42	26− 36' 59.322"	-80− 6' 48.970"
4233	OUT	L-14	42	26− 36' 13.309"	-80− 6' 50.320"
3344	OUT	PRI WML	42	26− 25' 27.198"	-80− 8' 48.084"
3510	OUT	L-30	42	26− 28' 25.698"	-80− 5' 43.746"
6609	OUT	E-2-W	42	26− 23' 51.131"	-80− 10' 19.218"
1307	OUT	L-19	42	26− 33' 51.680"	-80− 5' 25.023"
1308	OUT	L-19	42	26− 33' 51.701"	-80− 5' 23.689"
3309	OUT	L-16	42	26− 35' 13.228"	-80− 8' 47.017"
3602	OUT	L-16	42	26− 35' 13.278"	-80− 8' 45.445"

5063	OUT	E-1W-S	42	26− 20' 55.318"	-80− 13' 23.215"
3104	OUT	L-18	42	26− 34' 19.001"	-80− 7' 11.856"
3507	OUT	L-32	42	26− 28' 9.722"	-80− 6' 50.924"
1325	OUT	L-29	42	26− 29' 27.631"	-80− 5' 22.906"
4284	OUT	L-28	42	26− 29' 54.587"	-80− 7' 21.700"
3313	OUT	PRI WML	48	26− 34' 28.880"	-80− 8' 47.774"
3101	OUT	L-18	48	26− 34' 20.627"	-80− 8' 33.754"
3102	OUT	L-18	48	26− 34' 20.213"	-80− 8' 2.920"
4287	OUT	L-26	48	26− 30' 48.495"	-80− 7' 24.323"
2405	OUT	L-27	48	26− 30' 22.884"	-80− 6' 4.068"
4277	OUT	L-45	48	26− 22' 21.162"	-80− 7' 17.754"
3801	OUT	L-36	48	26− 26' 20.730"	-80− 8' 58.398"
3342	OUT	PRI WML	48	26− 26' 19.713"	-80− 8' 49.813"
1334	OUT	E-4	48	26− 26' 46.049"	-80− 5' 47.771"
3105	OUT	L-18	48	26− 34' 18.606"	-80− 5' 24.762"
4307	OUT	M-1	48	26− 48' 34.883"	-80− 14' 41.249"
1002	OUT	DITCH	48	26− 56' 29.811"	-80− 6' 12.309"
4201	OUT	CANAL (UNKNOWN OWNERSH	48	26− 55' 51.465"	-80− 6' 11.908"
4220	OUT	THOMPSON RVR CANAL	48	26− 50' 6.972"	-80− 6' 21.574"
4223	OUT	MERRILL CANAL (NPBCWCD)	48	26− 49' 2.298"	-80− 6' 22.476"
102	OUT	C-17	48	26− 48' 36.600"	-80− 5' 7.421"
1354	OUT	EPB-11	48	26− 44' 45.789"	-80− 5' 22.599"
7003	OUT	EPB-11 (VIA WPB CANAL)	48	26− 45' 11.263"	-80− 4' 50.421"
6212	OUT	C-51 (?)	48	26− 39' 58.764"	-80− 4' 37.228"
6412	OUT	E-4	48	26− 37' 41.808"	-80− 4' 41.746"
2311	OUT	L-8	48	26− 38' 51.082"	-80− 5' 45.787"
2312	OUT	L-8	48	26− 38' 51.080"	-80− 5' 45.626"
3512	OUT	E-4	48	26− 28' 15.396"	-80− 5' 17.970"
1327	OUT	L-30	48	26− 29' 1.602"	-80− 5' 22.968"
3913	OUT	L-46	48	26− 21' 50.658"	-80− 11' 12.478"
5053	OUT	L-48	48	26− 21' 0.900"	-80− 6' 40.178"
802	OUT	EL RIO CANAL	48	26− 20' 37.428"	-80− 5' 48.739"
3612	OUT	LAKE OSBORNE	48	26− 35' 14.724"	-80− 4' 37.671"
3607	OUT	E-3 1/2	54	26− 35' 17.683"	-80− 6' 17.840"
4227	OUT	EPB7	54	26− 47' 13.515"	-80− 6' 26.294"
1366	OUT	L-2	54	26− 42' 3.726"	-80− 5' 14.739"
3605	OUT	L-6	54	26− 39' 45.006"	-80− 6' 33.532"
4001	OUT	L-14	54	26− 36' 14.689"	-80− 7' 19.942"
4601	OUT	HILLSBORO	54	26− 19' 33.390"	-80− 5' 42.578"
1206	OUT	L-40	54	26− 24' 33.185"	-80− 9' 49.296"
5401	OUT	EARMAN CANAL	60	26− 48' 30.174"	-80− 4' 7.813"
4224	OUT	EPB6A (NPBCWCD)	60	26− 48' 18.792"	-80− 6' 22.615"
1355	OUT	EPB-11	60	26− 44' 28.233"	-80− 5' 23.472"
1357	OUT	EPB-11	60	26− 44' 3.023"	-80− 5' 24.959"
1360	OUT	EPB-11	60	26− 43' 36.164"	-80− 5' 24.889"
7002	OUT	EPB-11 (VIA WPB CANAL)	60	26− 45' 9.992"	-80− 4' 6.787"
3304	OUT	L-7	60	26− 39' 22.260"	-80− 8' 42.099"

	2814	OUT	L-6	60	26⁻ 39' 45.564"	-80⁻ 7' 16.162"
	6410	OUT	L-11 (VIA WML)	60	26⁻ 37' 35.986"	-80⁻ 5' 44.213"
	5052	OUT	L-48	60	26⁻ 21' 1.126"	-80⁻ 6' 51.325"
5052A		OUT	L-48	60	26⁻ 21' 1.140"	-80⁻ 6' 46.260"
	6805	OUT	E-1	60	26⁻ 19' 52.103"	-80⁻ 11' 56.942"
	6508	OUT	INTRACOASTAL	60	26⁻ 30' 52.913"	-80⁻ 3' 22.550"
	4291	OUT	E-3	66	26⁻ 20' 32.262"	-80⁻ 7' 44.070"
	3123	OUT	L-18	72	26⁻ 34' 18.246"	-80⁻ 6' 4.422"
	3606	OUT	L-6	72	26⁻ 35' 18.482"	-80⁻ 6' 43.241"
	4309	OUT	C-17	72	26⁻ 48' 29.621"	-80⁻ 5' 9.623"
	4279	OUT	E-3/L-48	72	26⁻ 21' 1.572"	-80⁻ 7' 45.060"
	50646	OUT	HILLSBORO	72	26⁻ 19' 58.227"	-80⁻ 13' 21.422"
	5058	OUT	INTRACOASTAL	72	26⁻ 21' 1.922"	-80⁻ 4' 33.229"
	3113	OUT	LAKE OSBORNE (VIA CANAL)	72	26⁻ 34' 21.945"	-80⁻ 4' 36.994"
	6303	OUT	LAKE EDEN	72	26⁻ 29' 15.586"	-80⁻ 4' 26.034"
	6504	OUT	L-26	84	26⁻ 30' 48.396"	-80⁻ 5' 16.206"

LABEL	Pipe_Size	LAYER	FNUM	TYPE	MATERIAL	INVERT	RBODY	RELEV	DAREA	USE	CONNECT	WQ	VERIFICATI
CO0102	48" DIA	OUTFALLS	2318	PIPE	CMP	UNK	C-17	UNK	1.6		Y	N/A	0
CO0213	36" DIA	OUTFALLS	3332	PIPE	RCP	UNK	STUB CANAL	UNK	7.3	190	N	N/A	0
CO0331	36" DIA	OUTFALLS	2334	PIPE	RCP	N/A	L-3	8.5	5.2	190	M	N/A	4
CO0802	48" DIA	OUTFALLS	3730	PIPE	RCP	UNK	EL RIO CANAL	UNK	4.7		Y	ET	0
CO0803	36" DIA	OUTFALLS	3730	PIPE	RCP	UNK	EL RIO CANAL	UNK	3.5		Y	ET	0
CO1005	36" DIA	OUTFALLS	2102	PIPE	RCP	1.0	SIMS CREEK	TIDAL	3.8	124	N	N/A	4
CO1007	54" DIA	OUTFALLS	2101	PIPE	CAP	-1.1	LOXAHATCHEE	TIDAL	1.8	121	I	N/A	4
CO1202	36" DIA	OUTFALLS	2706	PIPE	RCP	N/A	L-40	16.8	8.5	200	I	N/A	4
CO1206	54" DIA	OUTFALLS	2704	PIPE	CAP	N/A	L-40	16.0	11.7	131	I	SWML	4
CO1213	36" DIA	OUTFALLS	2701	PIPE	CMP	UNK	L-40	UNK	3.8		Y	DET	0
CO1215	36" DIA	OUTFALLS	2701	PIPE	CMP	UNK	L-40	UNK	3.0		Y	N/A	0
CO1301	36" DIA	OUTFALLS	3506	PIPE	RCP	UNK	L-16	8.5	UNK	121/140	M	N/A	4
CO1303	36" DIA	OUTFALLS	3506	PIPE	RCP	7.1	L-17	8.5	UNK	133	M	N/A	4
CO1304	36" DIA	OUTFALLS	3506	PIPE	RCP	5.9	L-17	8.5	UNK	133	M	N/A	4
CO1307	42" DIA	OUTFALLS	3507	PIPE	RCP	6.7	L-19	8.5	UNK	133	M	N/A	4
CO1308	42" DIA	OUTFALLS	3507	PIPE	RCP	6.5	L-19	8.5	UNK	133	M	N/A	4
CO1313	36" DIA	OUTFALLS	3519	PIPE	RCP	UNK	BOYNTON CANAL	9.2	7.5	140/190	M	N/A	4
CO1314	36" DIA	OUTFALLS	3519	PIPE	RCP	UNK	BOYNTON CANAL	9.2	7.2	140/190	M	N/A	4
CO1325	42" DIA	OUTFALLS	3605	PIPE	RCP	4.0	L-29	8.5	UNK	182/140	C	N/A	4
CO1327	48" DIA	OUTFALLS	3608	PIPE	RCP	3.6	L-30	8.5	10.8	121	M	N/A	4
CO1329	36" DIA	OUTFALLS	3618	PIPE	RCP	2.2	L-32/E-4	8.5	10.2	121	M	N/A	4
CO1334	48" DIA	OUTFALLS	3619	PIPE	RCP	UNK	E-4	8.5	11.25	133/140	M	ET	4
CO1341	36" DIA	OUTFALLS	3631	PIPE	RCP	3.5	E-4	4.3	3.2	190	I	N/A	4
CO1342	36" DIA	OUTFALLS	3631	PIPE	RCP	3.5	E-4	4.3	3.0	190	I	ET	4
CO1346	36" DIA	OUTFALLS	3706	PIPE	RCP	4.5	L-41	4.3	4.9	190/140	I	ET	4
CO1354	48" DIA	OUTFALLS	3307	PIPE	RCP	UNK	EPB-11	UNK	3.3		Y	N/A	0
CO1355	60" DIA	OUTFALLS	3307	PIPE	RCP	UNK	EPB-11	UNK	4.4		Y	N/A	0
CO1356	36" DIA	OUTFALLS	3307	PIPE	CMP	UNK	EPB-11	UNK	3.5		Y	N/A	0
CO1357	60" DIA	OUTFALLS	3318	PIPE	RCP	UNK	EPB-11	UNK	2.4		Y	N/A	0
CO1360	60" DIA	OUTFALLS	3317	PIPE	RCP	UNK	EPB-11	UNK	2.1		Y	N/A	0
CO1362	36" DIA	OUTFALLS	3320	PIPE	RCP	UNK	EPB-11	UNK	1.9		Y	N/A	0
CO1365	36" DIA	OUTFALLS	3330	PIPE	RCP	UNK	E-3-1/2	UNK	2.2		N	N/A	0
CO1366	54" DIA	OUTFALLS	3329	PIPE	RCP	UNK	L-2	UNK	10.0		N	N/A	0

CO2105	36" DIA	OUTFALLS	3417	PIPE	RCP	6.2	L-10	8.5	10.8	133	I	N/A	4
CO2311	48" DIA	OUTFALLS	3407	PIPE	RCP	7.0	L-8	8.5	10.9	140	N	ET	4
CO2312	48" DIA	OUTFALLS	3407	PIPE	RCP	6.9	L-8	8.5	10.9	140	N	ET	4
CO2405	48" DIA	OUTFALLS	3531	PIPE	RCP	UNK	L-27	UNK	QUAIL		Y	N/A	0
CO2504	60"	OUTFALLS	3406	PIPE	CMP	6.17	C-51	N/A	2.7	185	I	N/A	4
CO2803	42" DIA	OUTFALLS	2312	PIPE	UNK	13.0	NPBCWCD VIA DITCH	UNK	4.5	140	M	N/A	4
CO2809	36" DIA	OUTFALLS	2325	PIPE	CMP	UNK	L-1	UNK	2.9	141	N	N/A	0
CO2810	36" DIA	OUTFALLS	2326	PIPE	RCP	UNK	L-1	UNK	3.5	121/141	N	N/A	0
CO2811	42" DIA	OUTFALLS	2401	PIPE	RCP	UNK	C-51	UNK	7.8	131	N	N/A	0
CO2814	60" DIA	OUTFALLS	2411	PIPE	UNK	UNK	L-6	UNK	6.7	131	N	N/A	0
CO3101	48" DIA	OUTFALLS	2503	PIPE	CAP	12.1	L-18	16.0	5.4	210	I	N/A	4
CO3102	48" DIA	OUTFALLS	2503	PIPE	CAP	10.1	L-18	16.0	8.8	210	I	N/A	4
CO3103	36" DIA	OUTFALLS	2502	PIPE	CAP	13.6	L-18	16.0	4.3	210	I	N/A	4
CO3104	42" DIA	OUTFALLS	2502	PIPE	CAP	11.9	L-18	16.0	8.1	131/210	I	N/A	4
CO3105	48" DIA	OUTFALLS	3505	PIPE	RCP	6.2	L-18	8.5	1.7	121	I	N/A	4
CO3113	72" DIA	OUTFALLS	3505	PIPE	UNK	UNK	LAKE OSBORNE (VIA CANAL)	8.5	5.5	121	M	N/A	4
CO3123	72" DIA	OUTFALLS	3507	PIPE	CMP	UNK	L-18	UNK	13.3		Y	N/A	0
CO3205	36" DIA	OUTFALLS	2106	PIPE	RCP	9.7	LOXAHATCHEE SLOUGH	N/A	N/A	190	N	N/A	4
CO3301	36" DIA	OUTFALLS	2403	PIPE	RCP	7.0	C-51	8.5	3.5	111/190	I	ET	4
CO3302	36" DIA	OUTFALLS	2403	PIPE	RCP	10.0	L-5	13.0	3.4	111	M	ET	4
CO3303	36" DIA	OUTFALLS	2403	PIPE	RCP	10.0	L-5	13.0	13.3	111/185	M	N/A	4
CO3304	36" DIA	OUTFALLS	2410	PIPE	RCP	10.3	L-7	13.0	7.4	133	M	WML	4
CO3307	36" DIA	OUTFALLS	2427	PIPE	RCP	11.5	L-14	13.0	4.6	121	I	ET	4
CO3308	36" DIA	OUTFALLS	2434	PIPE	RCP	11.5	L-15	13.0	14.1	121	M	ET	4
CO3309	42" DIA	OUTFALLS	2434	PIPE	RCP	13.9	L-16	13.0	3.6	140	M	N/A	4
CO3310	36" DIA	OUTFALLS	2503	PIPE	UNK	9.0	L-16	16.0	4.7	129	I	SWMS	4
CO3345	36" DIA	OUTFALLS	2415	PIPE	RCP	UNK	L-8	UNK	7.0		Y	ET	0
CO3346	36" DIA	OUTFALLS	2415	PIPE	RCP	UNK	L-9	UNK	7.0		Y	ET	0
CO3347	36" DIA	OUTFALLS	2415	PIPE	RCP	UNK	L-10	UNK	8.3		Y	ET	0
CO3403	36" DIA	OUTFALLS	3406	PIPE	CMP	8.5	L-5	8.5	5.4	133/190	I	DET	4
CO3404	36" DIA	OUTFALLS	3406	PIPE	CMP	8.5	L-5	8.5	4.8	133/190	I	DET	4
CO3409	36" X 24"	OUTFALLS	2413	PIPE	RCP	12.4	L-9	8.5	UNK	131	C	SWAL	4
CO3502	36" DIA	OUTFALLS	2610	PIPE	CMP	12.2	L-32	16.0	7.0	133	N	SWML	4
CO3506	36" DIA	OUTFALLS	2612	PIPE	RCP	N/A	L-32	16.0	3.2	133	M	ET	4

CO3507	42" DIA	OUTFALLS	2612	PIPE	RCP	8.7	L-32	16.0	3.8	133	M	ET	4
CO3508	36" DIA	OUTFALLS	2612	PIPE	RCP	9.95	L-31/2-4	16.0	3.4	131	M	ET	4
CO3509	36" DIA	OUTFALLS	2612	PIPE	RCP	9.3	L-31/2-4	16.0	6.0	131	M	ET	4
CO3510	42" DIA	OUTFALLS	3607	PIPE	RCP	N/A	L-30	8.5	2.0	131	M	ET	4
CO3512	48" DIA	OUTFALLS	3608	PIPE	N/A	N/A	E-4	8.5	20.3	140	M	N/A	4
CO3602	42" DIA	OUTFALLS	2503	PIPE	RCP	UNK	L-16	13.0	8.0	210/140	M	N/A	4
CO3606	72" DIA	OUTFALLS	2436	PIPE	RCP	8.7	L-16	8.5	8.4	121	M	ET	4
CO3607	54" DIA	OUTFALLS	3431	PIPE	RCP	8.9	E-3 1/2	8.5	8.4	121	M	ET	4
CO3612	48" DIA	OUTFALLS	3432	PIPE	RCP	3.6	LAKE OSBORNE	8.5	8.3	121	M	N/A	4
CO3614	48" DIA	OUTFALLS	2433	PIPE	BCCMP	N/A	E-2	16.0	N/A	N/A	N/A	N/A	0
CO3801	48" DIA	OUTFALLS	2627	PIPE	RCP	11.3	L-36	16.0	4.4	133/210	M	N/A	4
CO3914	48" DIA	OUTFALLS	2717	PIPE	RCP	10.5	L-46	16.0	7.0	131	I	N/A	4
CO3923	36" DIA	OUTFALLS	2430	PIPE	CMP	UNK	L-13	UNK	2.5		Y	N/A	0
CO3924	36" DIA	OUTFALLS	2430	PIPE	RCP	UNK	L-13	UNK	2.5		Y	N/A	0
CO3928	60" DIA	OUTFALLS	2506	PIPE	CMP	UNK	L-16	UNK	2.8		Y	N/A	0
CO4001	54" DIA	OUTFALLS	2425	PIPE	RCP	4.3	L-14	8.5	20.1	131/111	M	ET	4
CO4209	36" DIA	OUTFALLS	2125	PIPE	CAP	UNK	EPB3A (NPBCWCD)	8.0	26.9	191	C	DET	4
CO4210	36" DIA	OUTFALLS	2125	PIPE	CAP	UNK	EPB3A (NPBCWCD)	8.0	6.7	191	C	DET	4
CO4211	36" DIA	OUTFALLS	2125	PIPE	CAP	UNK	EPB3B (NPBCWCD)	8.0	13.2	191	C	DET	4
CO4212	36" DIA	OUTFALLS	2125	PIPE	CAP	UNK	EPB3B (NPBCWCD)	8.0	25.5	191	C	DET	4
CO4216	42" DIA	OUTFALLS	2136	PIPE	RCP	6.2	EPB3C (NPBCWCD)	8.0	5.8	191	I	ET	4
CO4217	36" DIA	OUTFALLS	2136	PIPE	RCP	6.2	EPB3C (NPBCWCD)	8.0	4.1	133	I	ET	4
CO4218	36" DIA	OUTFALLS	2201	PIPE	UNK	7.5	EPB3D (NPBCWCD)	UNK	16.5	133	I	N/A	4
CO4220	48" DIA	OUTFALLS	2212	PIPE	RCP	UNK	THOMPSON RVR CANAL	10.0	7.4	133	M	N/A	4
CO4222	42" DIA	OUTFALLS	2213	PIPE	RCP	UNK	MERRILL CANAL (NPBCWCD)	8.5	22.4	190/121	M	N/A	4
CO4223	48" DIA	OUTFALLS	2213	PIPE	RCP	UNK	MERRILL CANAL (NPBCWCD)	8.5	14.8	121	M	N/A	4
CO4224	60" DIA	OUTFALLS	2224	PIPE	RCP	6.0	EPB6A (NPBCWCD)	9.5	4.3	141/121	M	N/A	4
CO4227	54" DIA	OUTFALLS	2225	PIPE	RCP	8.0	EPB7	9.5	6.6	190/133	M	N/A	4
CO4228	36" DIA	OUTFALLS	2225	PIPE	RCP	6.1	EPB7	9.5	6.6	133	I	N/A	4
CO4229	42" DIA	OUTFALLS	2425	PIPE	RCP	10.0	L-12	13.0	1.18	140	M	N/A	4
CO4231	36" DIA	OUTFALLS	2425	PIPE	RCP	10.0	L-13	13.0	3.5	121	M	N/A	4
CO4232	36" DIA	OUTFALLS	2425	PIPE	RCP	11.1	L-13	13.0	3.3	121	M	N/A	4
CO4233	42" DIA	OUTFALLS	2425	PIPE	RCP	10.0	L-14	13.0	5.8	121	N	N/A	4
CO4234	36" DIA	OUTFALLS	2425	PIPE	RCP	10.0	L-14	13.0	4.4	121	M	N/A	4

CO4235	36" DIA	OUTFALLS	2436	PIPE	RCP	12.2	L-15	13.0	7.6	121	M	N/A	4
CO4236	36" DIA	OUTFALLS	2501	PIPE	RCP	11.0	L-16	12.5	6.4	121	M	N/A	4
CO4238	36" DIA	OUTFALLS	2501	PIPE	RCP	10.5	L-17	16.0	2.9	121	M	N/A	4
CO4239	36" DIA	OUTFALLS	2513	PIPE	RCP	11.1	L-20	14.0	7.3	121/200	I	N/A	4
CO4240	36" DIA	OUTFALLS	2513	PIPE	RCP	11.1	L-20	14.0	5.6	121/200	I	N/A	4
CO4241	36" DIA	OUTFALLS	2513	PIPE	RCP	11.0	L-21	14.5	2.5	121	M	N/A	4
CO4243	36" DIA	OUTFALLS	2513	PIPE	RCP	11.1	L-22	15.0	13.1	121	I	N/A	4
CO4249	36" DIA	OUTFALLS	2601	PIPE	RCP	12.5	L-29	13.0	11.83	121/150	M	N/A	4
CO4262	36" DIA	OUTFALLS	2624	PIPE	RCP	10.6	L-35	16.0	3.9	133	M	N/A	4
CO4274	36" DIA	OUTFALLS	2711	PIPE	UNK	8.9	L-42	9.3	2.8	191	M	N/A	4
CO4276	42" DIA	OUTFALLS	2711	PIPE	UNK	8.9	L-43	9.3	2.2	191	M	N/A	4
CO4277	48" DIA	OUTFALLS	2714	PIPE	UNK	6.6	L-45	9.3	4.1	121/150	M	N/A	4
CO4279	72" DIA	OUTFALLS	2723	PIPE	RCP	3.1	E-3/L-48	9.3	8.0	121/190	M	DET	4
CO4284	42" DIA	OUTFALLS	2601	PIPE	RCP	UNK	L-28	UNK	4.7		Y	ET	0
CO4285	42" DIA	OUTFALLS	2536	PIPE	RCP	UNK	L-27	UNK	6.6		Y	ET	0
CO4287	48" DIA	OUTFALLS	2536	PIPE	CMP	UNK	L-26	UNK	4.9		Y	ET	0
CO4288	42" DIA	OUTFALLS	2525	PIPE	RCP	UNK	L-25	UNK	5.2		Y	ET	0
CO4291	66" DIA	OUTFALLS	2726	PIPE	RCP	9.0	E-3	9.3	2.8	121	I	ET	0
CO4307	48" DIA	OUTFALLS	1216	PIPE	RCP	13.6	M-1	N/A	19.8	190	N	DITCH	4
CO4308	42" DIA	OUTFALLS	2319	PIPE	RCP	UNK	C-17	UNK	9.6		Y	N/A	0
CO4309	72" DIA	OUTFALLS	2319	PIPE	RCP	UNK	C-17	UNK	31.3		Y	N/A	0
CO4401	42" DIA	OUTFALLS	3123	PIPE	RCP	8.8	M-1	13.5	10.8	190	I	N/A	4
CO4402	36" DIA	OUTFALLS	3123	PIPE	RCP	9.5	M-1	13.5	5.1	141	I	N/A	4
CO4403	36" DIA	OUTFALLS	1324	PIPE	RCP	UNK	CPB-20A	UNK	17.7		Y	N/A	0
CO4404	36" DIA	OUTFALLS	1323	PIPE	RCP	UNK	UNNAMED CANAL (ITWCD)		17.1		Y	N/A	0
CO4601	54" DIA	OUTFALLS	3731	PIPE	UNK	0.1	HILLSBORO	TIDAL	144.4	121/190	I	N/A	4
CO5052	60" X 2	OUTFALLS	2725	PIPE	RCP	1.3	L-48	2.0	3.9	140/131	I	N/A	4
CO5053	48"	OUTFALLS	2725	PIPE	RCP	UNK	L-48	2.0	5.9	140/131	I	N/A	4
CO5058	72" DIA	OUTFALLS	3720	PIPE	RCP	UNK	INTRACOASTAL	TIDAL	13.9		Y	N/A	0
CO5063	42" DIA	OUTFALLS	1725	PIPE	RCP	UNK	E-1W-S	UNK	4.6		Y	N/A	0
CO50646	72" DIA	OUTFALLS	1735	PIPE	RCP	UNK	HILLSBORO	UNK	(CO5063,		Y	N/A	0
CO5401	60" DIA	OUTFALLS	3217	PIPE	UNK	UNK	EARMAN CANAL	UNK	51.4	140	M	N/A	4
CO5402	42" DIA	OUTFALLS	3217	PIPE	RCP	-2.0	EARMAN CANAL	2.2	12.7	131	M	N/A	4
CO5413	42"	OUTFALLS	3205	PIPE	RCP	N/A	INTRACOASTAL	TIDAL	2.8		Y	N/A	0

CO6208	36" DIA	OUTFALLS	2412	PIPE	RCP	11.4	L-6	8.5	5.3	133/141	I	N/A	4
CO6209	42" DIA	OUTFALLS	3407	PIPE	RCP	7.2	L-6	8.5	5.4	190/140	I	N/A	4
CO6210	36" DIA	OUTFALLS	3407	PIPE	RCP	11.5	L-6	8.5	5.3	190/140	M	ET	4
CO6211	48" DIA	OUTFALLS	3405	PIPE	RCP	UNK	L-5		10.1		Y	ET	0
CO6212	36" DIA	OUTFALLS	3405	PIPE	RCP	UNK	C-51 (?)		8.0		Y	ET	0
CO6301	36" DIA	OUTFALLS	3605	PIPE	CAP	8.2	LAKE EDEN	8.5	1.4	121	I	N/A	4
CO6303	72" DIA	OUTFALLS	3605	PIPE	RCP	3.3	LAKE EDEN	8.5	UNK	121	I	N/A	4
CO6401	36" DIA	OUTFALLS	2415	PIPE	RCP	UNK	L-10	13.0	1.9	133/141	I	ET	4
CO6408	42" DIA	OUTFALLS	2424	PIPE	RCP	UNK	L-10	13.0	5.8	140/171	I	ET	4
CO6409	36" DIA	OUTFALLS	2424	PIPE	RCP	13.0	L-11	13.0	9.2	121/140	I	ET	4
CO6412	48" DIA	OUTFALLS	3420	PIPE	RCP	6.0	E-4	8.5	20.6	140	M	N/A	4
CO6501	36" DIA	OUTFALLS	2536	PIPE	RCP	UNK	L-26	8.5	16.2	121/155	M	N/A	4
CO6504	84" DIA	OUTFALLS	3532	PIPE	RCP	1.6	L-26	8.5	11.4	131	I	N/A	4
CO6505	36" DIA	OUTFALLS	3532	PIPE	RCP	UNK	L-26	8.5	6.6	131	I	N/A	4
CO6508	60" DIA	OUTFALLS	3534	PIPE	CMP	4.1	INTRACOASTAL	TIDAL	9.6	121/140	I	N/A	4
CO6609	42" DIA	OUTFALLS	2705	PIPE	RCP	N/A	E-2-W	16.0	2.4	133	I	SWML	4
CO6610	36" DIA	OUTFALLS	2705	PIPE	RCP	N/A	E-2-W	16.0	6.7	133	I	SWML	4
CO6805	60" DIA	OUTFALLS	2731	PIPE	RCP	UNK	E-1	UNK	47.2		Y	N/A	0
CO6807	36" DIA	OUTFALLS	2732	PIPE	RCP	UNK	E-1-1/2	UNK	15.3		Y	N/A	0
CO6809	36" DIA	OUTFALLS	2732	PIPE	RCP	UNK	UNK	UNK	2.4		Y	N/A	0
CO7002	60" DIA	OUTFALLS	3308	PIPE	CMP	UNK	EPB-11 (VIA WPB CANAL)	UNK	21.0		Y	ET	0
CO7003	48" DIA	OUTFALLS	3305	PIPE	RCP	UNK	EPB-11 (VIA WPB CANAL)	UNK	55.2		Y	ET	0
CO7004	36" DIA	OUTFALLS	3306	PIPE	RCP	UNK	EPB-11	UNK	9.9		Y	N/A	0
CO7102	36" DIA	OUTFALLS	3517	PIPE	RCP	4.8	E-4	8.5	6.2	133	M	ET	4

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Palm Beach County

Environmental Resources Management

Proactive Illicit Discharge/Illegal Connection Inspection Form

Date of Inspection: _____

Address of Facility OR General Description of Area Inspected:

_____

Identification of MS4 component that could receive discharge from this site/area:

_____

If Facility inspection, does type of business require an MSGP? Yes___ No___

If yes, does this facility have one? Yes___ No___

Findings:

Evidence of illicit connections to storm sewer? Yes___ No___

Evidence of dumping/spills to storm sewer? Yes___ No___

Evidence of wash water going to storm sewer? Yes___ No___

Storage tanks leaking or improperly contained? Yes___ No___

Stockpiles/debris piles uncontained? Yes___ No___

If "yes," to any above, describe:

_____

_____

_____

_____

Type of Enforcement Action Taken:

_____

Date to verify elimination: _____

Date of Referral to FDEP of facility that may require MSGP: _____

Inspector: _____

Brian Gentry

Subject: FW: Palm Beach County Year 4 Annual Report RAI and illicit connection enforcement case.

From: Bull, Michelle [mailto:Michelle.Bull@dep.state.fl.us]
Sent: Thursday, May 28, 2015 4:20 PM
To: Brian Gentry
Cc: Alan D. Wertepny; Bonnie Finneran; Craig Lloyd; David Young; Edmund Gibson
Subject: RE: Palm Beach County Year 4 Annual Report RAI

Brian,

Thank you for your response.

Part III.A.1 – Thank you for providing a history of inspections. Assuming that the remaining 20% of major outfalls are inspected by year 5 of this permit term, the Department approves inspecting all Major Outfalls at least once during the next permit cycle.
Part III.A.2 – Thank you for submitting.
Part III.A.9.c – Thank you for clarifying that staff have attended the DEP Sediment and Erosion Control training. You are correct, this course is only required once, however, refresher training is required annually. In future reporting periods, provide refresher training for all relevant staff annually.

Your annual report is administratively complete. If you have further questions, feel free to call or email. I look forward to seeing you at the group meeting next month.

Thank you,

Michelle Bull
(850) 245-7561
http://www.dep.state.fl.us/water/stormwater/npdes/

From: Brian Gentry [mailto:BGentry@pbcgov.org]
Sent: Tuesday, May 26, 2015 9:39 AM
To: Bull, Michelle
Cc: Alan D. Wertepny; Bonnie Finneran; Craig Lloyd; David Young; Edmund Gibson
Subject: RE: Palm Beach County Year 4 Annual Report RAI

Michelle,
Please see the responses provided below;

Part III.A.1
Recent reinspections of major outfalls that were previously inspected in permit year 3 revealed no changes. For a more historical perspective; the major outfalls were inspected and photographed during the previously required outfall field screening program and then several years later were revisited to GPS and photograph the outfalls for an improved outfall map. No changes were noted between these inspections. This work was conducted in the mid and late 1990s and unfortunately the historical photographs are no longer available.

Palm Beach County (PBC) outfalls discharge to secondary (298 Drainage District) canals with stable banks, modest flow velocities and are not subject to the wear and tear of outfalls to dynamic waterways such as rivers and estuaries.

A review of the 3rd Term Annual reports Major Outfall Inspections reveals that 67% were inspected in year 3 and 13% in year 4. During the current year 5 permit year the PBC Engineering Dept. shall inspection the remaining 20% to complete inspections of all Major outfalls during the permit term. If this proposed less frequent inspection schedule is unacceptable to DEP, please let me know. However, our Engineering staff are confident that annual inspections of all our major outfalls is not a worthwhile use of their staff resources.

Part III.A.2
Please see the attachment from the Palm Beach County Land Development Division.

Part III.A.9.c
During permit year 4, 6 PBC staff received the initial DEP Sediment and Erosion Control certification. All PBC Engineering Dept. and Environmental Resource Management Dept. (ERM) NPDES construction oversight field inspectors have previously received the initial DEP Sediment and Erosion Control certification. These staff members use the knowledge gained on a daily basis. I'm inspector #102 and supervise the ERM Dept. inspectors and conduct many inspections myself. From my own perspective, retaking the initial DEP Sediment and Erosion Control certification course would not be of significant benefit. Regarding refresher training, this permit year we'll make available the Erosion and Sediment Control DVD the NPDES group maintains to PBC Engineering and ERM staff that may benefit from refresher training.

If you have any questions or comments on the responses above, please contact me.

Brian Gentry
Environmental Program Supervisor,
Palm Beach County
Environmental Resources Management Department
Voice: 561-233-2515
Cell: 561-267-0412

From: Bull, Michelle [mailto:Michelle.Bull@dep.state.fl.us]
Sent: Tuesday, May 19, 2015 9:34 AM
To: Brian Gentry; Bonnie Finneran
Cc: Alan D. Wertepny
Subject: Palm Beach County Year 4 Annual Report RAI

Brian/Bonnie,

Thank you for submitting the Cycle 3 Year 4 Annual Report. I have reviewed the annual report, and additional information is needed to facilitate the Department's review and annual program assessment.

Please provide a response to the items **in BOLD within 7 days**. If you have questions on any of the items listed below, please call me immediately.

Part III.A.1
- Major outfall inspections: Records show that only 67% of major outfalls have been inspected from Year 1 to Year 4. **Provide historical documentation that a less frequent schedule is appropriate.**

Part III.A.2
- **Submit Year 4 follow-up on plan implementation.**

Part III.A.6
- In future annual reports, only report the number of FDACS applicators that are contracted to apply on County property.

Part III.A.9.c
- **Explain if inspectors received DEP Sediment and Erosion Control certification during the reporting year. If not, explain why was no refresher training performed.**

Thank you,

Michelle Bull
Florida Department of Environmental Protection
NPDES Stormwater Program
2600 Blair Stone Road MS 3585
Tallahassee, FL 32399
(850) 245-7561
http://www.dep.state.fl.us/water/stormwater/npdes/