

2015 PROGRESS REPORT

for the Lower St. Johns River Basin Tributaries Basin Management Action Plans I and II

prepared by the
Division of Environmental Assessment and Restoration
Water Quality Restoration Program
Florida Department of Environmental Protection
Tallahassee, FL 32399

in participation with the
Lower St. Johns River Tributaries Basin Working Group

May 2016

ACKNOWLEDGMENTS

This 2015 Progress Report for the Lower St. Johns River Tributaries Basin Management Action Plans (BMAP) I and II was prepared as part of a statewide watershed management approach to restore and protect Florida's water quality. It was prepared by the Florida Department of Environmental Protection with participation from the Lower St. Johns River Tributaries BMAP I and II stakeholders.



For additional information on the watershed management approach in the Lower St. Johns River Tributaries Basin, contact:

Anita Nash, Basin Coordinator
Florida Department of Environmental Protection
Water Quality Restoration Program, Watershed Planning and Coordination Section
2600 Blair Stone Road, Mail Station 3565
Tallahassee, FL 32399-2400
Email: anita.nash@dep.state.fl.us
Phone: (850) 245-8545

TABLE OF CONTENTS

SECTION 1 : INTRODUCTION AND BACKGROUND	1
1.1 Purpose of the Report	1
1.2 Total Maximum Daily Loads (TMDLs) in the Tributaries of the LSJR Basin	1
1.3 Responsible Parties and Key Stakeholders	1
1.4 Restoration Activities and Projects.....	5
SECTION 2 : ASSESSING WATER QUALITY	6
2.1 Frequency of Exceedance	6
SECTION 3 : WATER QUALITY MONITORING AND PATTERNS	9
3.1 Water Quality Monitoring.....	9
3.2 Water Quality Trends	9
SECTION 4 : UPCOMING YEAR ACTIVITIES.....	23
APPENDICES	24
Appendix A: Water Quality Monitoring.....	24
Appendix B: Project Lists.....	33
Appendix C: FDACS BMP Enrollment for BMAP I Tributaries	121
Appendix D: FDACS BMP Enrollment for BMAP II Tributaries	123
Appendix E: COJ Project List Supplemental Information.....	126

LIST OF FIGURES

Figure 1: WBIDs Addressed in the LSJR Basin Tributaries BMAP I.....	3
Figure 2: WBIDs Addressed in the LSJR Basin Tributaries BMAP II	4
Figure 3: 2010–15 Fecal Coliform Counts in Newcastle Creek	10
Figure 4: 2010–15 Fecal Coliform Counts in Hogan Creek	10
Figure 5: 2010–15 Fecal Coliform Counts in Butcher Pen Creek	11
Figure 6: 2010–15 Fecal Coliform Counts in Miller Creek.....	11
Figure 7: 2010–15 Fecal Coliform Counts in Miramar Creek.....	12
Figure 8: 2010–15 Fecal Coliform Counts in Big Fishweir Creek	12
Figure 9: 2010–15 Fecal Coliform Counts in Deer Creek	13
Figure 10: 2010–15 Fecal Coliform Counts in Terrapin Creek	13
Figure 11: 2010–15 Fecal Coliform Counts in Goodbys Creek	14
Figure 12: 2010–15 Fecal Coliform Counts in Open Creek	14
Figure 13: 2010–15 Fecal Coliform Counts in Craig Creek.....	15
Figure 14: 2010–15 Fecal Coliform Counts for McCoy Creek	15
Figure 15: 2010–15 Fecal Coliform Counts in Williamson Creek.....	16
Figure 16: 2010–15 Fecal Coliform Counts in Fishing Creek.....	16
Figure 17: 2010–15 Fecal Coliform Counts in Deep Bottom Creek	17
Figure 18: 2010–15 Fecal Coliform Counts in Moncrief Creek.....	17
Figure 19: 2010–15 Fecal Coliform Counts in Blockhouse Creek.....	18
Figure 20: 2010–15 Fecal Coliform Counts in Hopkins Creek	18
Figure 21: 2010–15 Fecal Coliform Counts in Cormorant Branch	19
Figure 22: 2010–15 Fecal Coliform Counts in Wills Branch	19
Figure 23: 2010–15 Fecal Coliform Counts in Sherman Creek	20
Figure 24: 2010–15 Fecal Coliform Counts in Greenfield Creek.....	20
Figure 25: 2010–15 Fecal Coliform Counts in Pottsburg Creek	21
Figure 26: 2010–15 Fecal Coliform Counts in Middle Trout River.....	21
Figure 27: 2010–15 Fecal Coliform Counts in Lower Trout River	22
Figure A-1: Monitoring Stations for Fecal Coliforms in the LSJR Tributaries.....	28
Figure A-2: Monitoring Stations for Fecal Coliforms in the LSJR Tributaries.....	29
Figure A-3: Monitoring Stations for Fecal Coliforms in the LSJR Tributaries.....	30
Figure A-4: Monitoring Stations for Fecal Coliforms in the LSJR Tributaries.....	31
Figure A-5: Monitoring Stations for Fecal Coliforms in the LSJR Tributaries.....	32
Figure C-1: OAWP BMP Enrollment in the LSJR Tributaries I Basin as of September 31, 2015.....	122
Figure D-1: OAWP BMP Enrollment in the LSJR Tributaries II Basin as of September 31, 2015.....	125

LIST OF TABLES

Table 1: TMDLs for the LSJR Tributaries	2
Table 2: Fecal Coliform Exceedances by Tributaries	7
Table 3: Frequency Progress Toward the State Criterion	8
Table A-1: Water Quality Monitoring Plan	24
Table B-1: JEA Project List	33
Table B-2: FDOH Project List	51
Table B-3: FDOT Project List	76
Table B-4: COJ Project List	102
Table B-5: COJ Project List Cross-Reference	107
Table B-6: NS Mayport Project List	110
Table B-7: Jacksonville Beach Project List	111
Table B-8: Neptune Beach Project List	113
Table B-9: Atlantic Beach Project List	116
Table C-1: 2009 Agricultural Land Uses in the LSJR Tributaries I Basin	121
Table C-2: Agricultural Acreage and BMP Enrollment for the LSJR Tributaries I Basin as of September 31, 2015	122
Table D-1: Agricultural Land Uses in the LSJR Tributaries II Basin	123
Table D-2: Agricultural Acreage and BMP Enrollment for the LSJR Tributaries II Basin as of September 31, 2015	124

LIST OF ACRONYMS AND ABBREVIATIONS

ARV	Air Release Valve
BMAP	Basin Management Action Plan
BMP	Best Management Practice
CARE	Citizen Action Response Effort
CCTV	Closed-Circuit Television
CDBG	Community Development Block Grant
cfu	Colony Forming Unit
CIPP	Cured In Place Pipe
CMOM	Capacity, Management, Operations, and Maintenance
COJ	City of Jacksonville
DBPR	Department of Business and Professional Regulation
DCP	Drainage Connection Program
DEP	Florida Department of Environmental Protection
EQD	Environmental Quality Division
EPA	U.S. Environmental Protection Agency
F.A.C.	Florida Administrative Code
FDACS	Florida Department of Agriculture and Consumer Services
FDOH	Florida Department of Health
FDOT	Florida Department of Transportation
FOG	Fats, Oils, and Grease
F.S.	Florida Statutes
GIS	Geographic Information System
HDPE	High Density Polyethylene
IDDE	Illicit Discharge Detection and Elimination
I&I	Inflow and Infiltration
IMZ	Industrial/Manufacturing Zone
IWR	Impaired Surface Waters Rule
LF	Linear Feet
LOC	Lateral Only Connection
LSJR	Lower St. Johns River
MAPS	Managed Aquatic Plant System
MF	Membrane Filter
mL	Milliliter
M&LM	Mowing and Landscape Maintenance
MPN	Most Probable Number
MS4	Municipal Separate Storm Sewer System
MSMP	Master Stormwater Management Plan
NAS	Naval Air Station
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
NS	Naval Station
OAWP	Office of Agricultural Water Policy
OSTDS	Onsite Sewage Treatment and Disposal System
PBTS	Performance-Based Treatment and Disposal System
PIC	Potential Illicit Connection
PSA	Public Service Announcement

PVC	Polyvinyl Chloride
RCP	Reinforced Concrete Pipe
RSF	Regional Stormwater Facility
SCADA	Supervisory Control and Data Acquisition
SSO	Sanitary Sewer Overflow
SWAT	Stormwater Action Team
SWIM	Surface Water Improvement and Management
SWPP	Stormwater Pollution Prevention Plan
TAT	Tributary Assessment Team
TMDL	Total Maximum Daily Load
TV	Television
WBID	Waterbody Identification

SECTION 1: INTRODUCTION AND BACKGROUND

1.1 PURPOSE OF THE REPORT

This annual *2015 Progress Report for the Lower St. Johns River (LSJR) Tributaries Basin Management Action Plans (BMAPs) I and II* contains updates on activities that occurred over the past year and describes water quality data results through September 2015. **Section 2** discusses how frequently water quality data exceed the state criterion. **Table 2** lists water quality data for each of the BMAP I and II tributaries. **Section 4** describes activities during the next year. The **Appendices** contain project tables.

1.2 TOTAL MAXIMUM DAILY LOADS (TMDLS) IN THE TRIBUTARIES OF THE LSJR BASIN

The LSJR tributaries are Class III waterbodies suitable for recreational use and the propagation and maintenance of a healthy, well-balanced population of fish and wildlife. Due to high levels of fecal coliform bacteria, 25 tributaries in the LSJR Basin did not support these uses. In 2006, 2009, and 2010 the Florida Department of Environmental Protection (DEP) adopted water quality restoration targets, called TMDLs, that provided numeric water quality restoration targets for these tributaries (**Figure 1** and **Figure 2**). DEP adopted two BMAPs to address these impairments. BMAP I, which addressed the 10 most impaired tributaries, was adopted in December 2009. BMAP II, which addressed the remaining 15 tributaries, was adopted in August 2010. **Table 1** lists the adopted TMDLs and the pollutant load allocations for the BMAP I and II tributaries.

1.3 RESPONSIBLE PARTIES AND KEY STAKEHOLDERS

The key stakeholders responsible for addressing the sources in the BMAP I tributaries include the following:

- City of Jacksonville (COJ).
- JEA.
- Florida Department of Health (FDOH) in Duval County.
- Florida Department of Transportation (FDOT).
- Florida Department of Agriculture and Consumer Services (FDACS).

TABLE 1: TMDLS FOR THE LSJR TRIBUTARIES

cfu/day = Colony-forming units per day

WBID NUMBER	WBID NAME	BMAP I OR II	WASTELOAD ALLOCATION WASTEWATER (CFU/DAY)	WASTELOAD ALLOCATION STORMWATER (% REDUCTION)	LOAD ALLOCATION (% REDUCTION)
2235	Newcastle Creek	I	Not applicable	84%	84%
2252	Hogan Creek	I	Meet permit limits	92%	92%
2322	Butcher Pen Creek	I	Meet permit limits	83%	83%
2287	Miller Creek	I	Not applicable	92%	92%
2304	Miramar Creek	I	Not applicable	92%	92%
2280	Big Fishweir Creek	I	Not applicable	87%	87%
2256	Deer Creek	I	Not applicable	86%	86%
2204	Terrapin Creek	I	Not applicable	71%	71%
2326	Goodbys Creek	I	Not applicable	87%	87%
2299	Open Creek	I	Not applicable	60%	60%
2297	Craig Creek	II	Not applicable	87%	87%
2257	McCoy Creek	II	Not applicable	84%	84%
2316	Williamson Creek	II	Not applicable	83%	83%
2324	Fishing Creek	II	Must meet permit limits	69%	69%
2361	Deep Bottom Creek	II	Not applicable	82%	82%
2228	Moncrief Creek	II	Must meet permit limits	83%	83%
2207	Blockhouse Creek	II	Not applicable	82%	82%
2266	Hopkins Creek	II	Not applicable	67%	67%
2381	Cormorant Branch	II	Not applicable	73%	73%
2282	Wills Branch	II	Not applicable	80%	80%
2227	Sherman Creek	II	Not applicable	71%	71%
2240	Greenfield Creek	II	Not applicable	70%	70%
2265B	Pottsburg Creek	II	Not applicable	50%	50%
2203	Trout River	II	Not applicable	66%	66%
2203A	Trout River	II	Not applicable	60%	60%

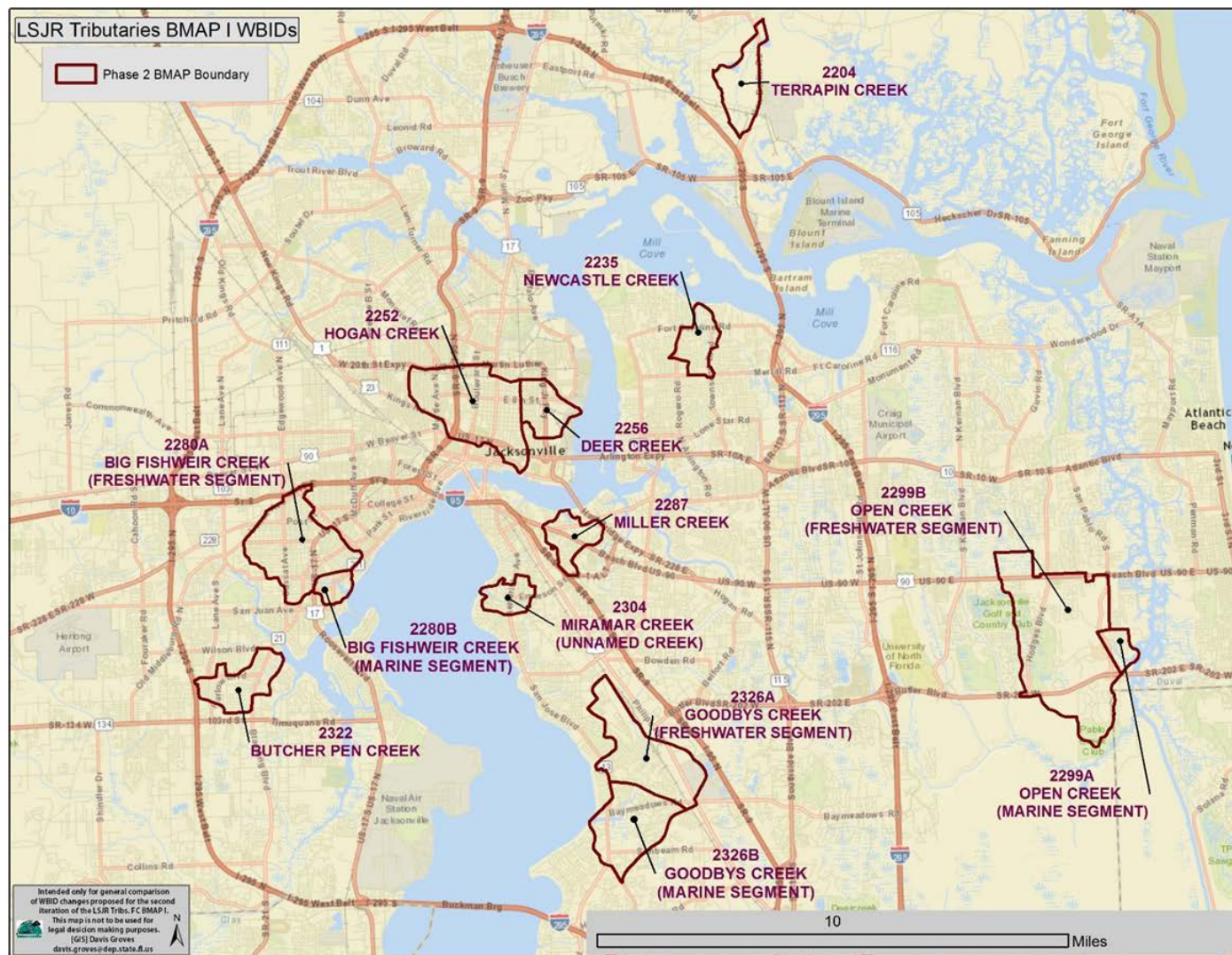


FIGURE 1: WBIDs ADDRESSED IN THE LSJR BASIN TRIBUTARIES BMAP I

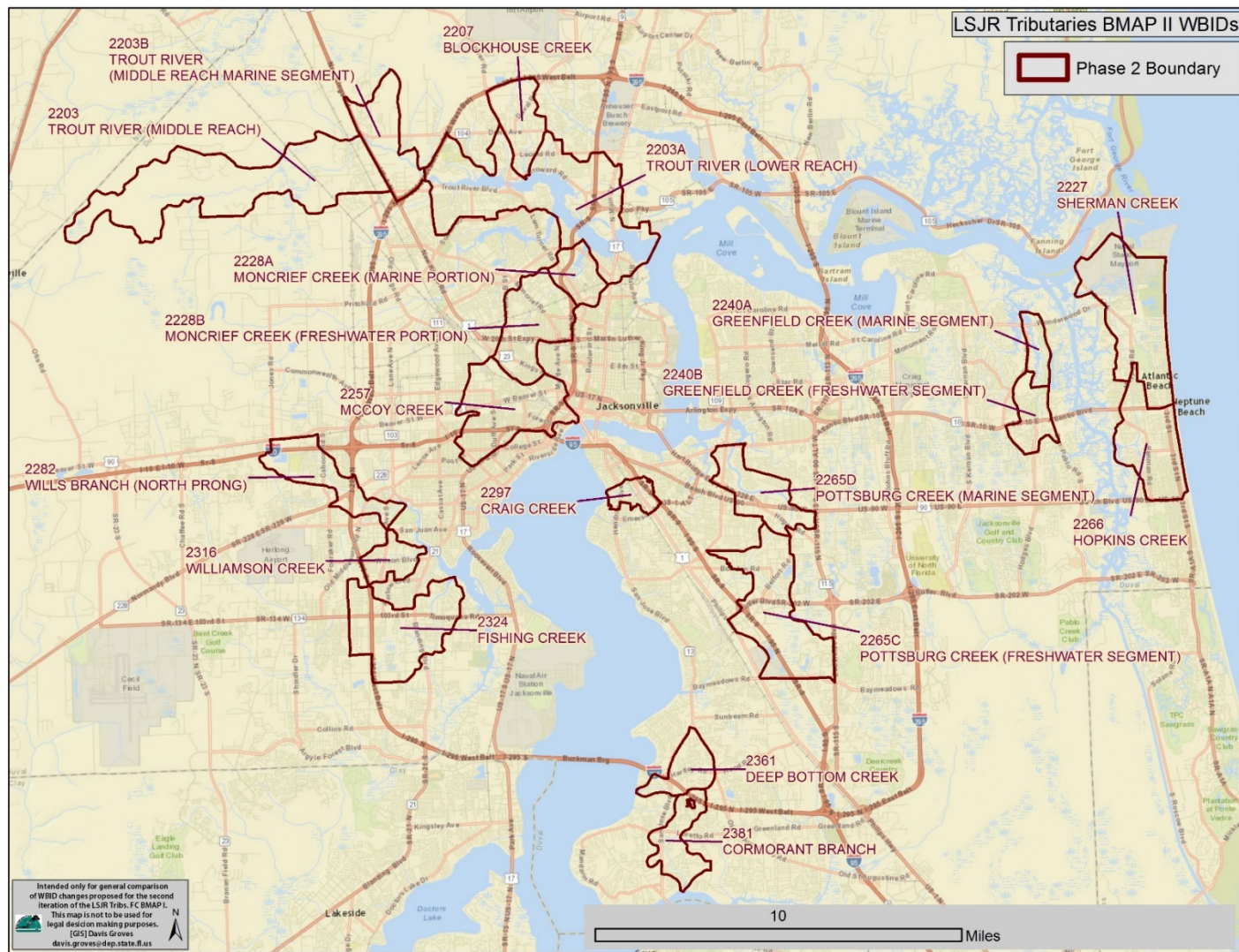


FIGURE 2: WBIDs ADDRESSED IN THE LSJR BASIN TRIBUTARIES BMAP II

The key stakeholders responsible for addressing sources in the BMAP II tributaries include the following:

- COJ.
- JEA.
- FDOH in Duval County.
- FDOT.
- FDACS.
- City of Atlantic Beach.
- City of Jacksonville Beach.
- City of Neptune Beach.
- Naval Station (NS) Mayport.

In addition to these entities, DEP is also essential to the implementation of the BMAP activities.

1.4 RESTORATION ACTIVITIES AND PROJECTS

The stakeholders continued their public education and outreach efforts, maintenance programs, structural projects, and water quality monitoring during the reporting period. **Appendix B** contains the updated BMAP I and II project tables, respectively.

SECTION 2: ASSESSING WATER QUALITY

2.1 FREQUENCY OF EXCEEDANCE

DEP determines progress towards meeting the fecal coliform criteria for the 25 LSJR tributaries by assessing the frequency with which the criterion for each tributary is exceeded. This approach mirrors the Impaired Surface Waters Rule (IWR) methodology in Chapter 62-303, Florida Administrative Code (F.A.C.). The IWR criterion during 2015 was set so that if more than 10% of the data exceeded 400 colony-forming units per 100 milliliters (cfu/100mL) during the verified period, the water was verified impaired.

Column 5 in **Table 2** shows the minimum number of exceedances needed to place a waterbody on the Verified List with at least a 90% confidence level. The minimum number of exceedances is compared with the number of observed exceedances to determine if the IWR criterion is being met. The last column in **Table 2** shows each WBID's percent exceedance, which is based on the number of exceedances (Column 5) relative to the total number of data points (Column 4). The tributaries are listed in order of lowest to highest percent exceedance. To show progress towards meeting the TMDL, the percent exceedance for each IWR verified period (three 7.5-year verified periods) and the most recent 7.5-year period were calculated and are shown side by side in **Table 3**.

A review of the percent exceedance data shows continuous improvement (reduction) in frequency of exceedance for Trout River (Middle Reach), Moncrief Creek, Newcastle Creek, and Deep Bottom Creek. Data for Greenfield Creek, Cormorant Branch, Fishing Creek, Goodbys Creek, Terrapin Creek, and Miramar Creek illustrate decreases in percent exceedance for the current 7.5-year period after, in most cases, having increased in the previous cycle or cycles.

Conversely, Trout River, Pottsburg Creek, Sherman Creek, Wills Branch (North Prong), Blockhouse Creek, McCoy Creek, Hopkins Creek, Miller Creek and Hogan Creek, all experienced recent increases in percent exceedance. The other waterbodies listed in **Table 3** are holding steady for the current 7.5-year period compared with Cycle 3, although in almost every instance Cycle 3 showed increased percent exceedances for those waterbodies. Only Deer Creek's percent exceedance remained steady after improving in the previous cycles.

TABLE 2: FECAL COLIFORM EXCEEDANCES BY TRIBUTARIES
¹ Data period January 1, 2008–June 30, 2015.

² Subsection 62-303.420(2), F.A.C., Table 3.

WATERBODY NAME	BMAP I OR II	TOTAL NUMBER OF FECAL COLIFORM DATA POINTS¹	NUMBER OF EXCEEDANCES	MINIMUM NUMBER OF EXCEEDANCES TO BE CONSIDERED IMPAIRED²	% EXCEEDANCE
Greenfield Creek (Combined Fresh and Marine Segments)	II	50	12	9	24%
Trout River (Lower Reach)	II	57	16	10	28%
Pottsburg Creek	II	82	30	13	37%
Sherman Creek	II	306	129	38	42%
Trout River (Middle Reach)	II	163	69	22	42%
Moncrief Creek (Combined Fresh and Marine Segments)	II	210	92	28	44%
Cormorant Branch	II	143	64	20	45%
Fishing Creek	II	314	155	39	49%
Deer Creek	I	195	100	26	51%
Goodbys Creek (Combined Fresh and Marine Segments)	I	185	106	25	57%
Wills Branch (North Prong)	II	62	38	10	61%
Open Creek (Combined Fresh and Marine Segments)	I	158	96	22	61%
Blockhouse Creek	II	28	18	6	64%
McCoy Creek	II	234	149	30	64%
Hopkins Creek	II	261	172	33	66%
Terrapin Creek	I	123	81	18	66%
Newcastle Creek	I	149	106	21	71%
Miramar Creek	I	137	100	19	73%
Deep Bottom Creek	II	161	122	22	76%
Miller Creek	I	199	170	26	85%
Williamson Creek	II	179	153	24	85%
Hogan Creek	I	228	195	30	86%
Big Fishweir Creek (Combined Fresh and Marine Segments)	I	281	254	36	90%
Butcher Pen Creek	I	191	178	25	93%
Craig Creek	II	181	169	36	93%

TABLE 3: FREQUENCY PROGRESS TOWARD THE STATE CRITERION
¹ Cycle 1 verified period data period January 1, 1996–June 30, 2003.

² Cycle 2 verified period data period January 1, 2001–June 30, 2008.

³ Cycle 3 verified period data period January 1, 2007–June 30, 2014.

⁴ Current 7.5-year data period January 1, 2008–June 30, 2015.

WATERBODY NAME	BMAP I OR II	% EXCEEDANCE CYCLE 1¹	% EXCEEDANCE CYCLE 2²	% EXCEEDANCE CYCLE 3³	% EXCEEDANCE CURRENT 7.5-YEAR PERIOD⁴
Greenfield Creek	II	23%	44%	49%	24%
Trout River (Lower Reach)	II	29%	20%	21%	28%
Pottsburg Creek	II	40%	28%	28%	37%
Sherman Creek	II	43%	36%	34%	42%
Trout River (Middle Reach)	II	63%	52%	47%	42%
Moncrief Creek	II	63%	58%	57%	44%
Cormorant Branch	II	38%	56%	52%	45%
Fishing Creek	II	29%	64%	53%	49%
Deer Creek	I	89%	60%	50%	51%
Goodbys Creek	I	39%	46%	59%	57%
Wills Branch (North Prong)	II	62%	51%	57%	61%
Open Creek	I	57%	58%	62%	61%
Blockhouse Creek	II	70%	65%	58%	64%
McCoy Creek	II	71%	67%	60%	64%
Hopkins Creek	II	43%	62%	45%	66%
Terrapin Creek	I	68%	71%	84%	66%
Newcastle Creek	I	92 %	80%	77%	71%
Miramar Creek	I	83%	94%	82%	73%
Deep Bottom Creek	II	96%	88%	85%	76%
Miller Creek	I	75 %	86%	83%	85%
Williamson Creek	II	65%	73%	85%	85%
Hogan Creek	I	79 %	78%	84%	86%
Big Fishweir Creek	I	59%	87%	90%	90%
Butcher Pen Creek	I	96 %	92%	92%	93%
Craig Creek	II	83%	83%	93%	93%

SECTION 3: WATER QUALITY MONITORING AND PATTERNS

3.1 WATER QUALITY MONITORING

Appendix A lists the current stations in the monitoring network and the entity responsible for sampling each station. Monitoring stations may be moved to different locations, but participants will carry out the same level of effort so that the impairments in the basin can be identified and addressed.

In addition to the monitoring plan, sampling will occur as needed to follow up on fecal coliform results greater than 5,000 cfu/100mL. The Tributary Assessment Team (TAT) adopted the sample benchmark of 5,000 cfu/100mL to trigger additional follow-up efforts based on the information in *Watershed Protection Techniques, Vol. 3, No. 1, April 1999, Implications for Watershed Managers*.

3.2 WATER QUALITY TRENDS

The following data plots (**Figure 3** through **Figure 27**) depict the fecal coliform data at each BMAP monitoring station in each BMAP tributary, and how they compare with the state water quality criterion of 400 cfu/100mL. It is important to note that BMAP progress assessments, as presented in **Section 2**, are based on the number of exceedances relative to the total number of samples in each WBID during a 7.5-year period, based on the IWR assessment methodology.

For determining impairment, the IWR assessments use a larger dataset, which is achieved by evaluating data from additional monitoring sites in the watershed. This section only includes data from the BMAP monitoring network and a few other key stations that are a subset of the IWR monitoring network. The BMAP monitoring station data plots help decision makers gain a basic understanding of the water quality in the BMAP watersheds, provide a visual way to detect increases or decreases in the magnitude of the monitoring results, and assist in determining seasonal influences on water quality.

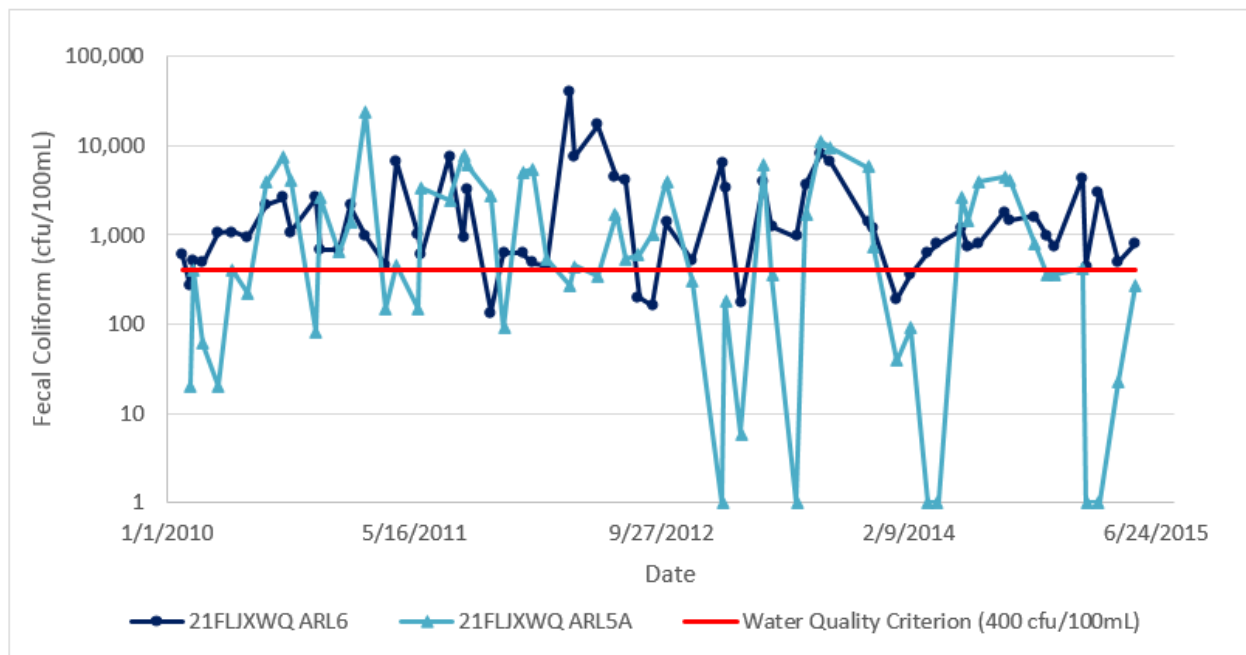


FIGURE 3: 2010–15 FECAL COLIFORM COUNTS IN NEWCASTLE CREEK

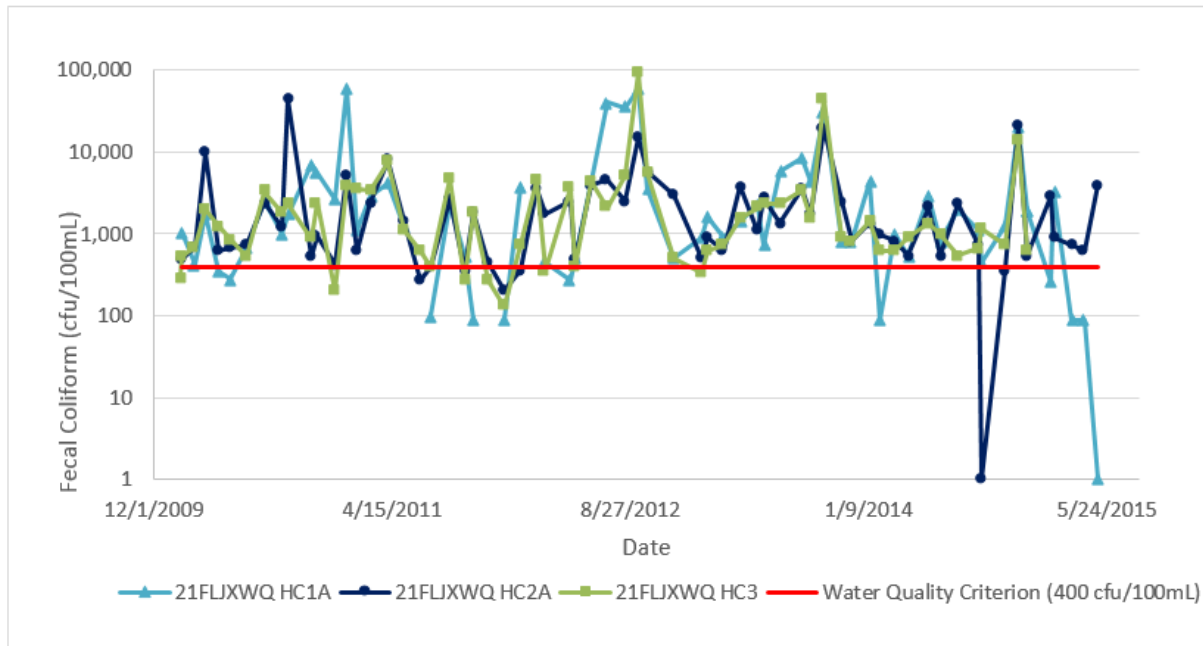


FIGURE 4: 2010–15 FECAL COLIFORM COUNTS IN HOGAN CREEK

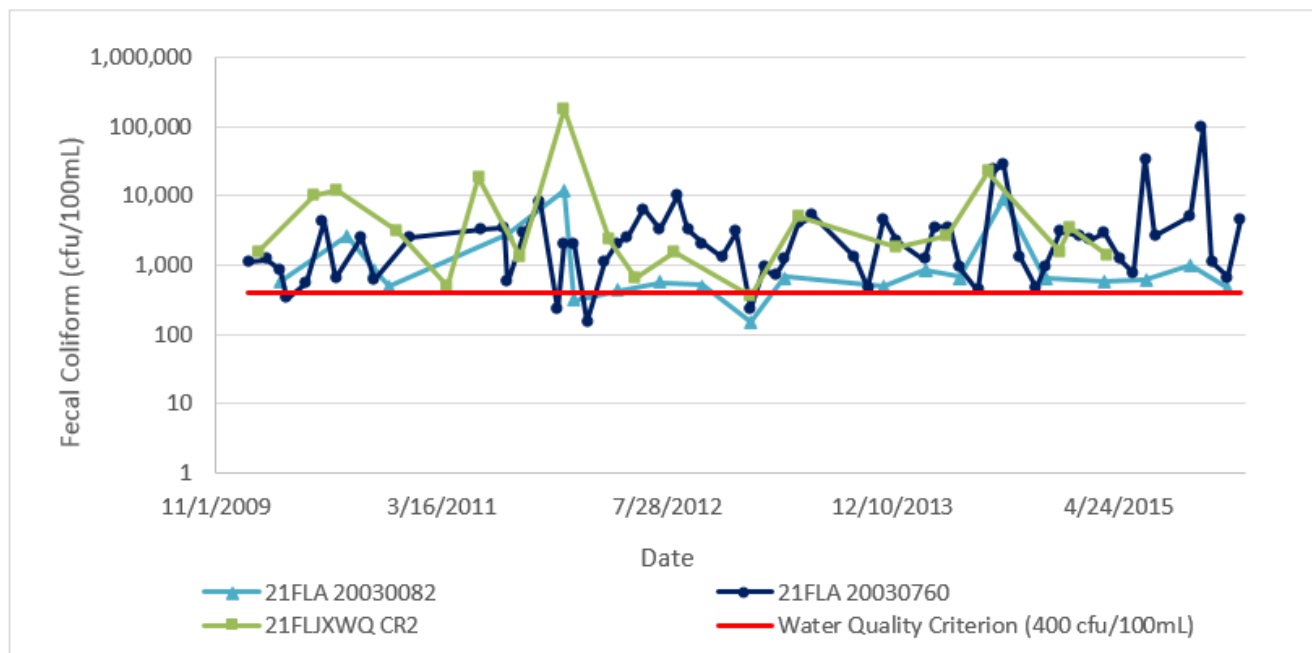


FIGURE 5: 2010–15 FECAL COLIFORM COUNTS IN BUTCHER PEN CREEK

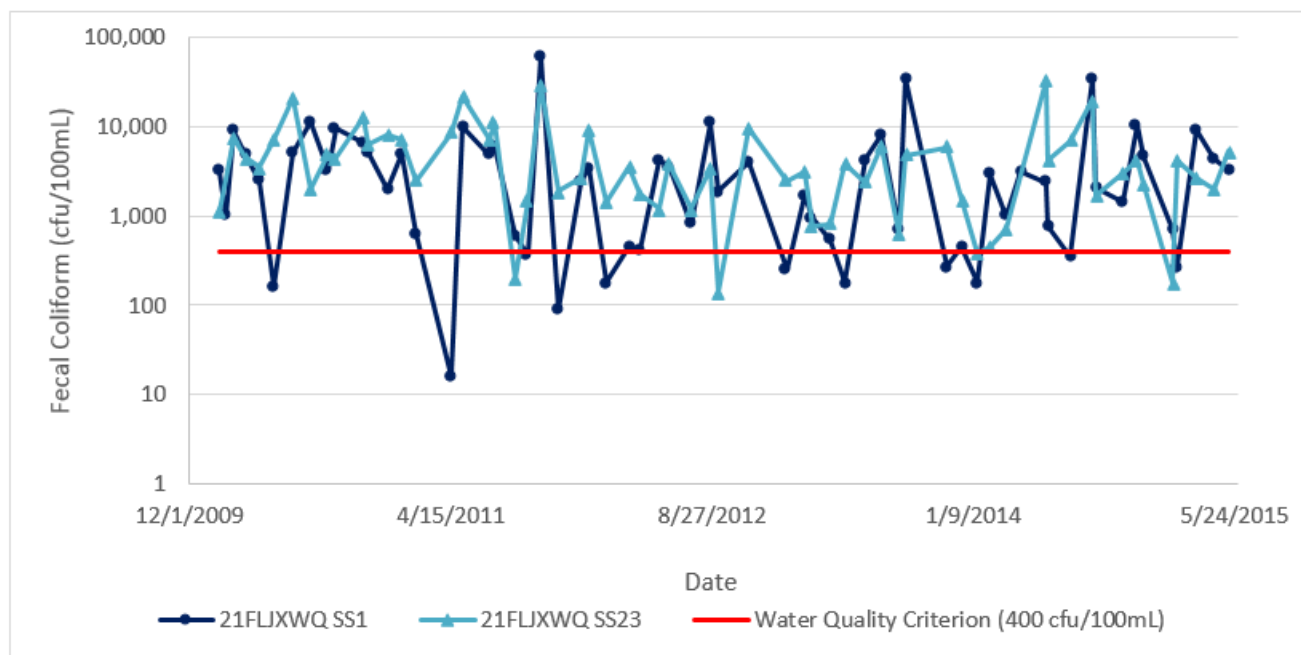


FIGURE 6: 2010–15 FECAL COLIFORM COUNTS IN MILLER CREEK

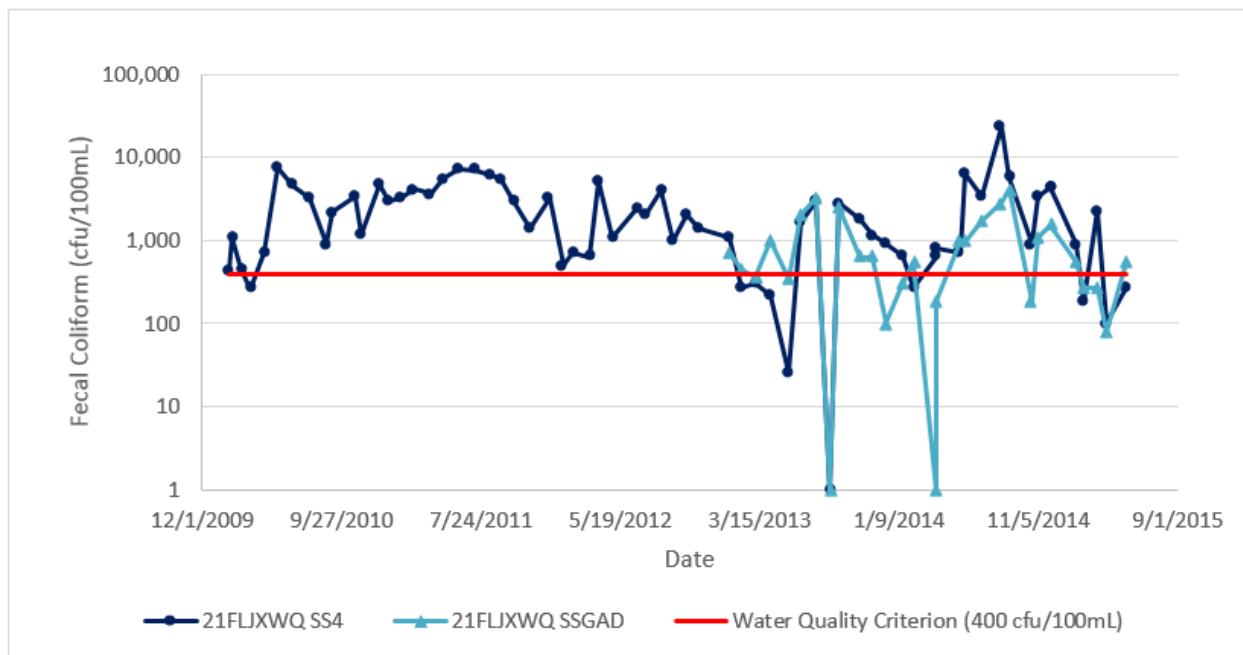


FIGURE 7: 2010–15 FECAL COLIFORM COUNTS IN MIRAMAR CREEK

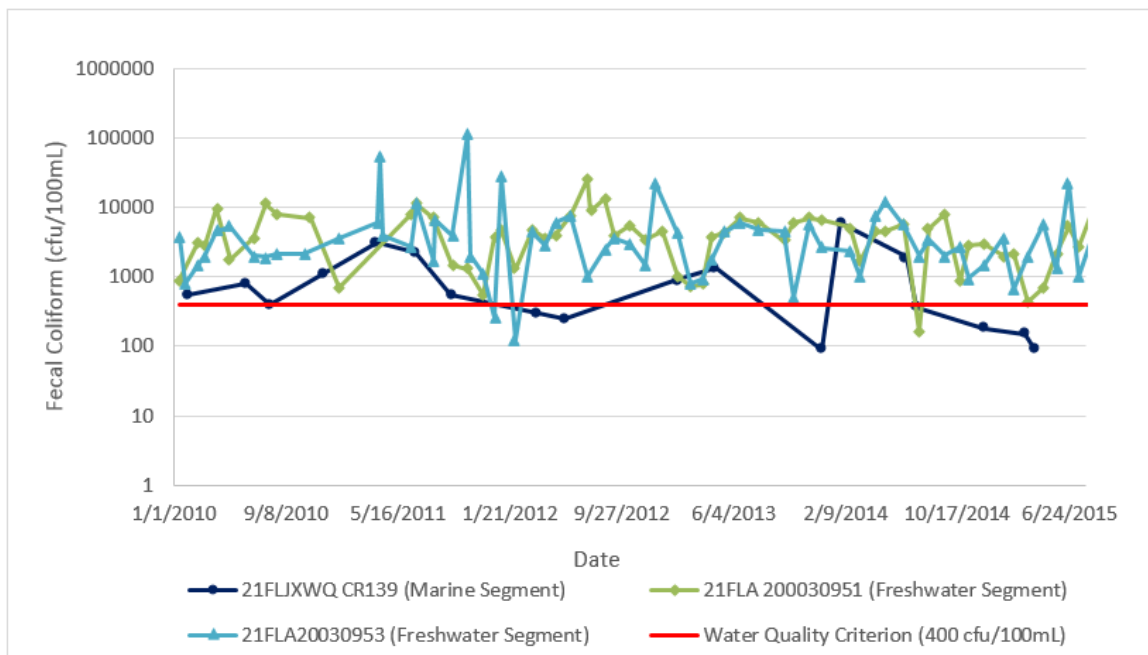


FIGURE 8: 2010–15 FECAL COLIFORM COUNTS IN BIG FISHWEIR CREEK

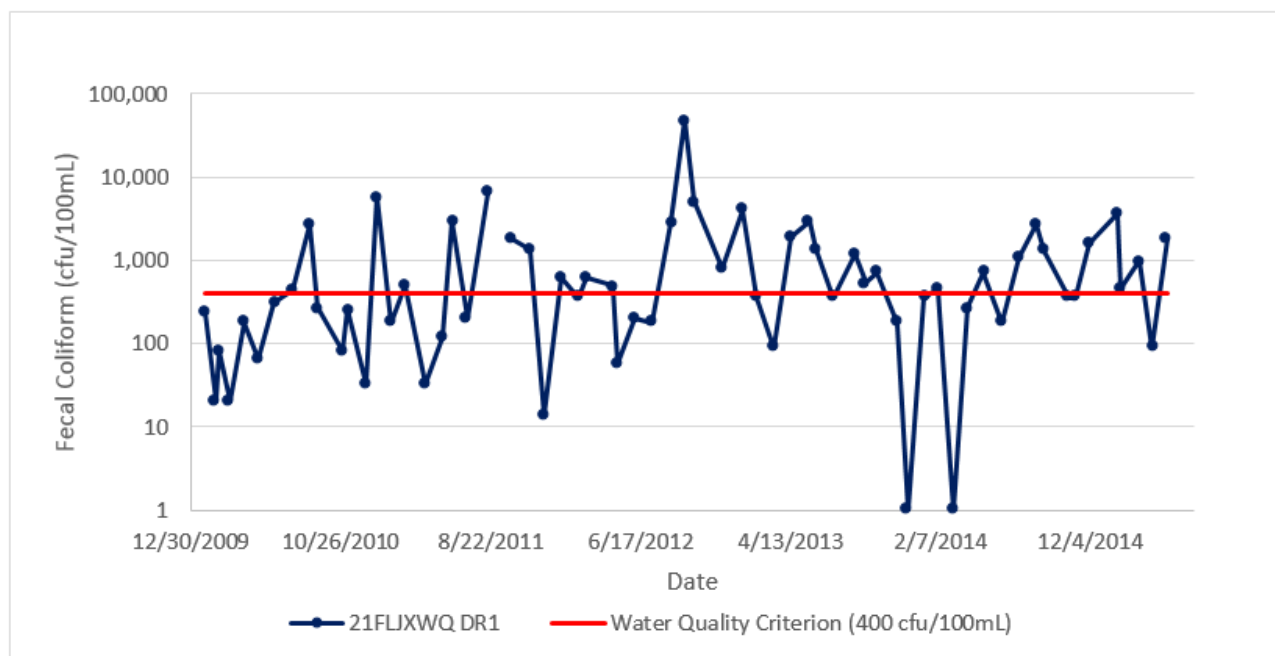


FIGURE 9: 2010–15 FECAL COLIFORM COUNTS IN DEER CREEK

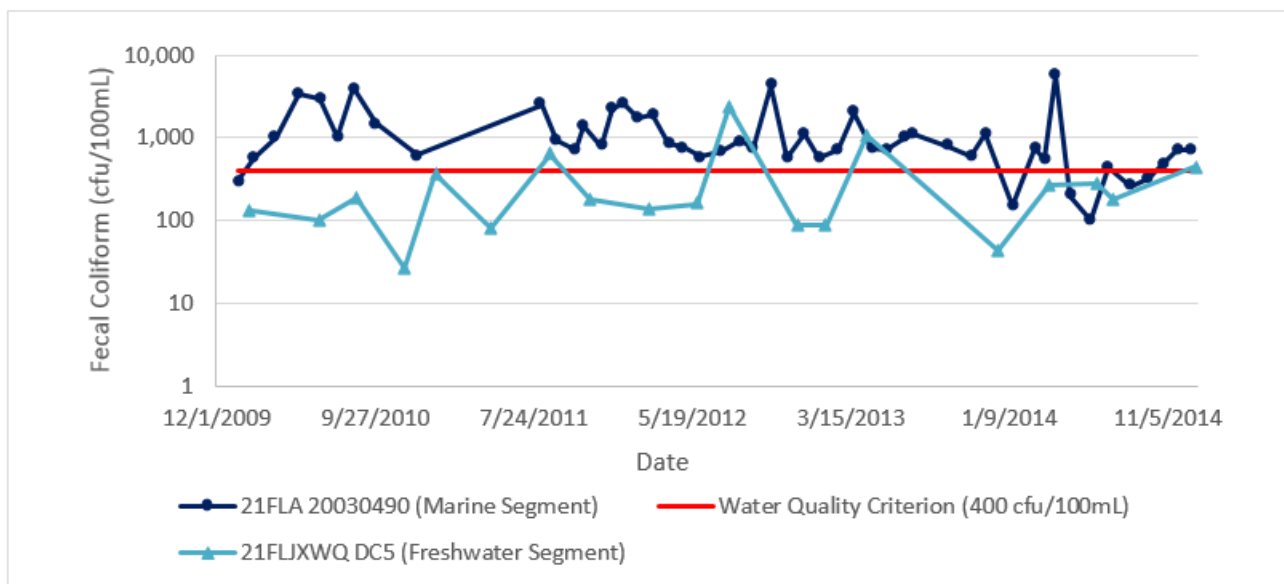


FIGURE 10: 2010–15 FECAL COLIFORM COUNTS IN TERRAPIN CREEK

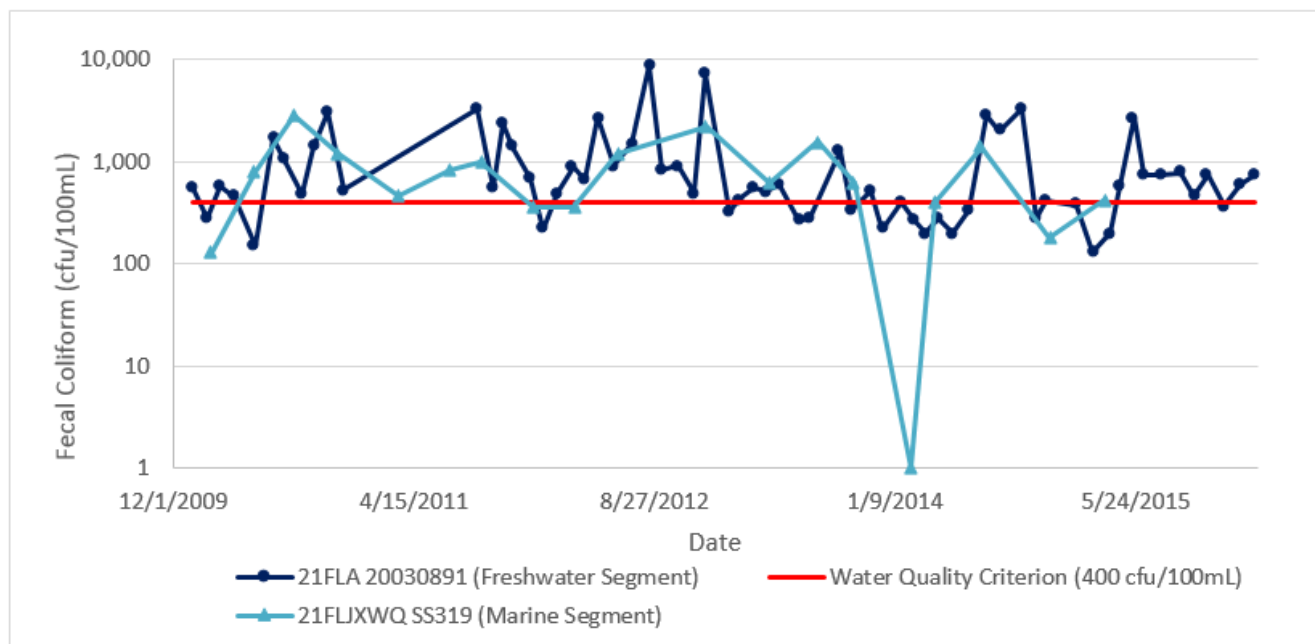


FIGURE 11: 2010–15 FECAL COLIFORM COUNTS IN GOODBYS CREEK

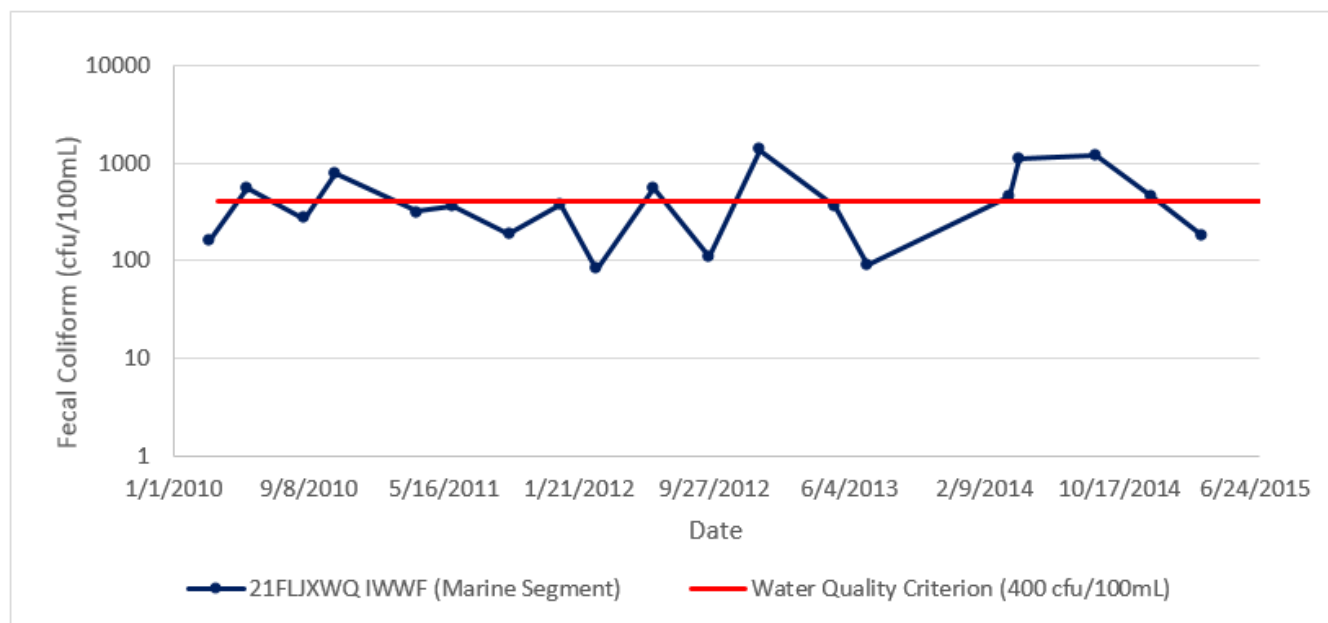


FIGURE 12: 2010–15 FECAL COLIFORM COUNTS IN OPEN CREEK

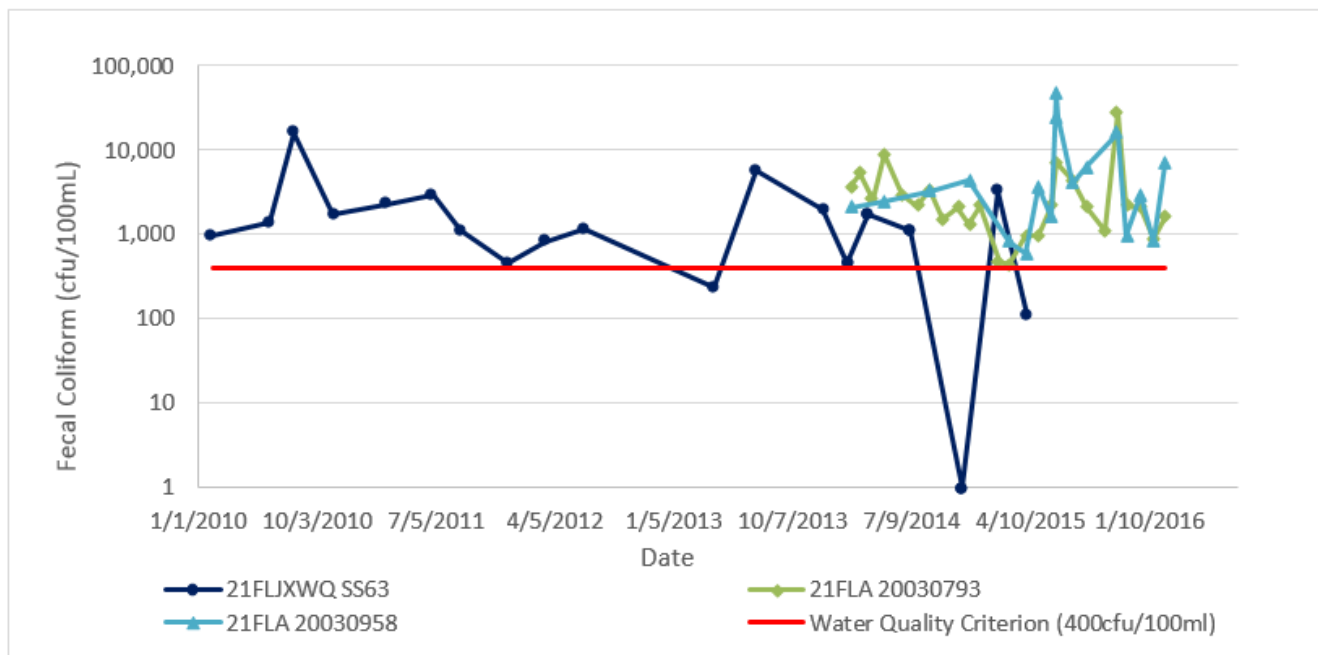


FIGURE 13: 2010–15 FECAL COLIFORM COUNTS IN CRAIG CREEK

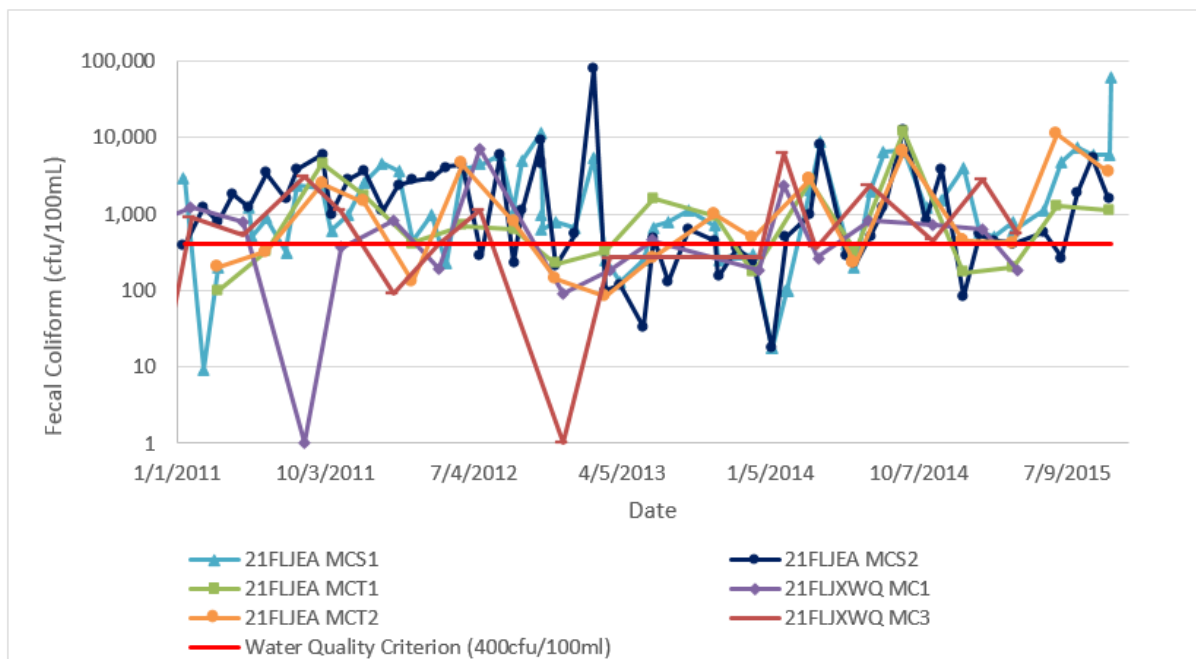


FIGURE 14: 2010–15 FECAL COLIFORM COUNTS FOR MCCOY CREEK

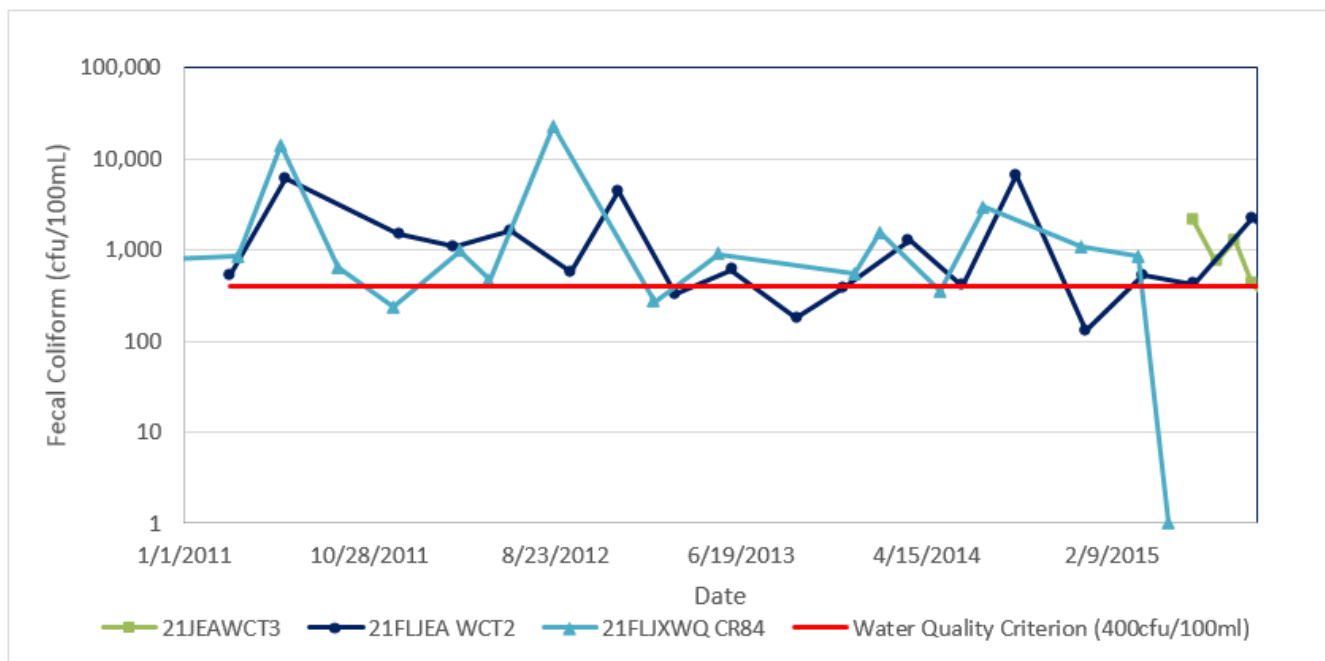


FIGURE 15: 2010–15 FECAL COLIFORM COUNTS IN WILLIAMSON CREEK

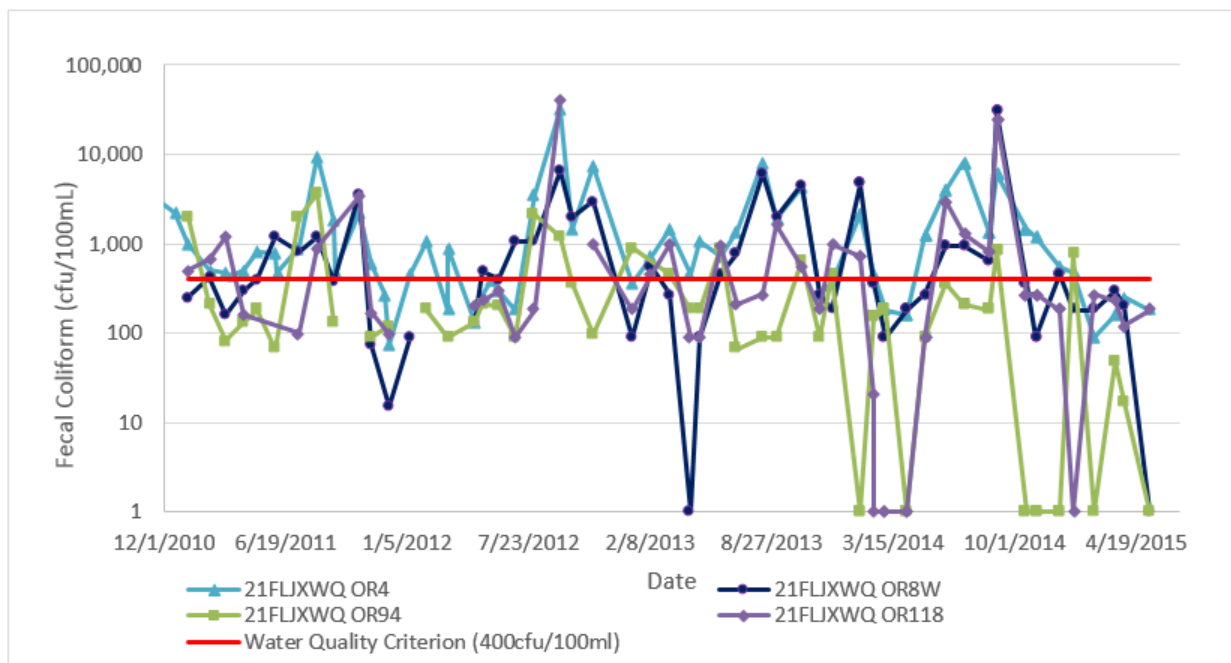


FIGURE 16: 2010–15 FECAL COLIFORM COUNTS IN FISHING CREEK

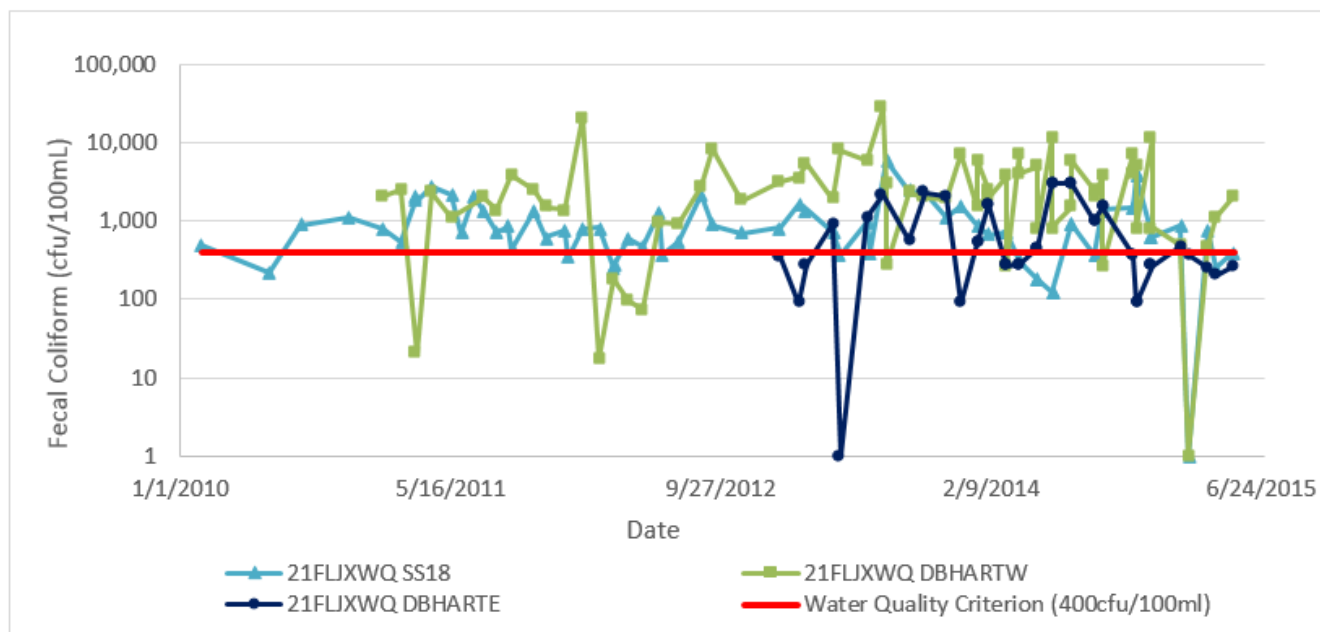


FIGURE 17: 2010–15 FECAL COLIFORM COUNTS IN DEEP BOTTOM CREEK

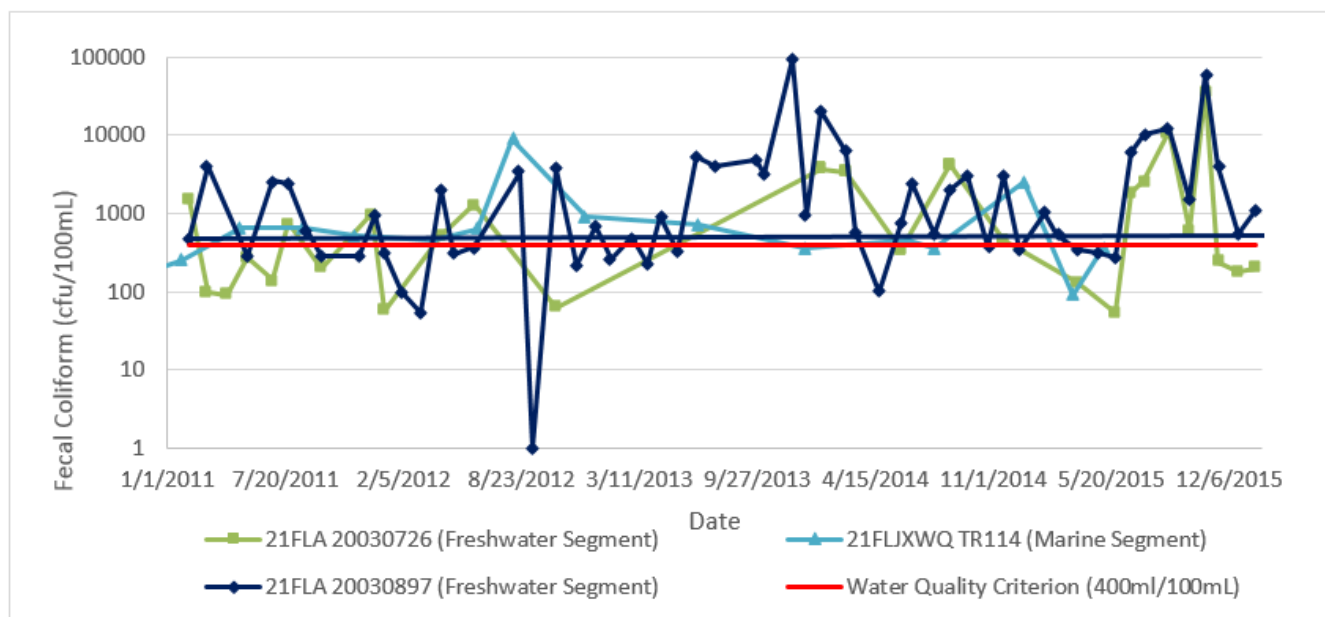


FIGURE 18: 2010–15 FECAL COLIFORM COUNTS IN MONCRIEF CREEK

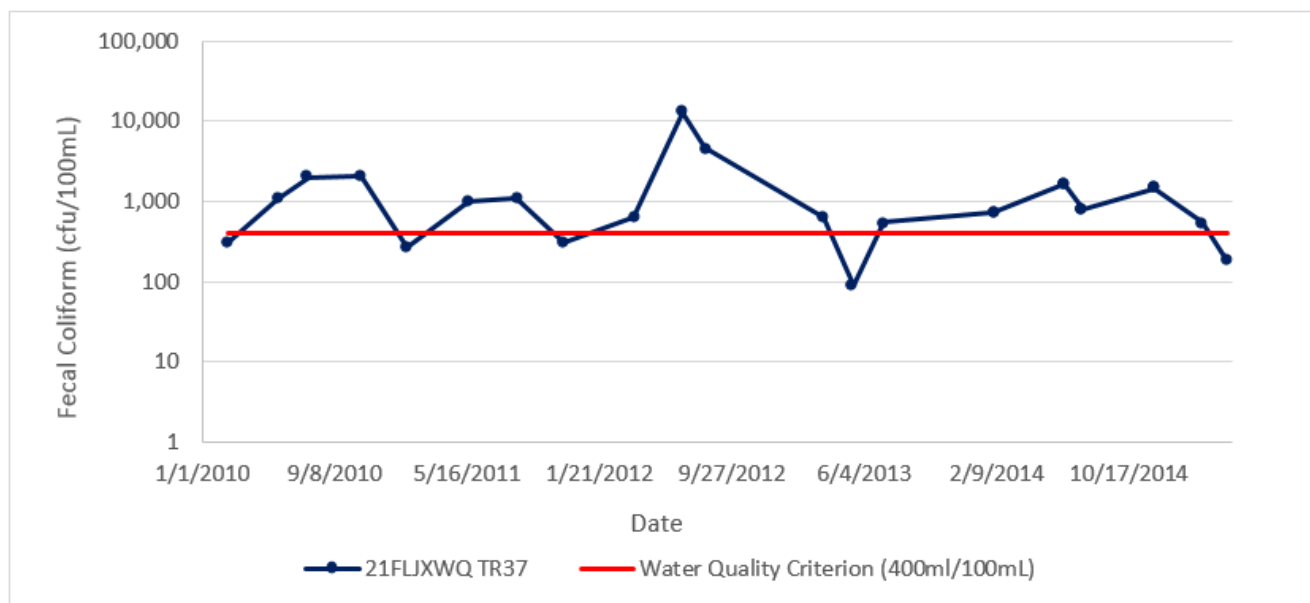


FIGURE 19: 2010–15 FECAL COLIFORM COUNTS IN BLOCKHOUSE CREEK

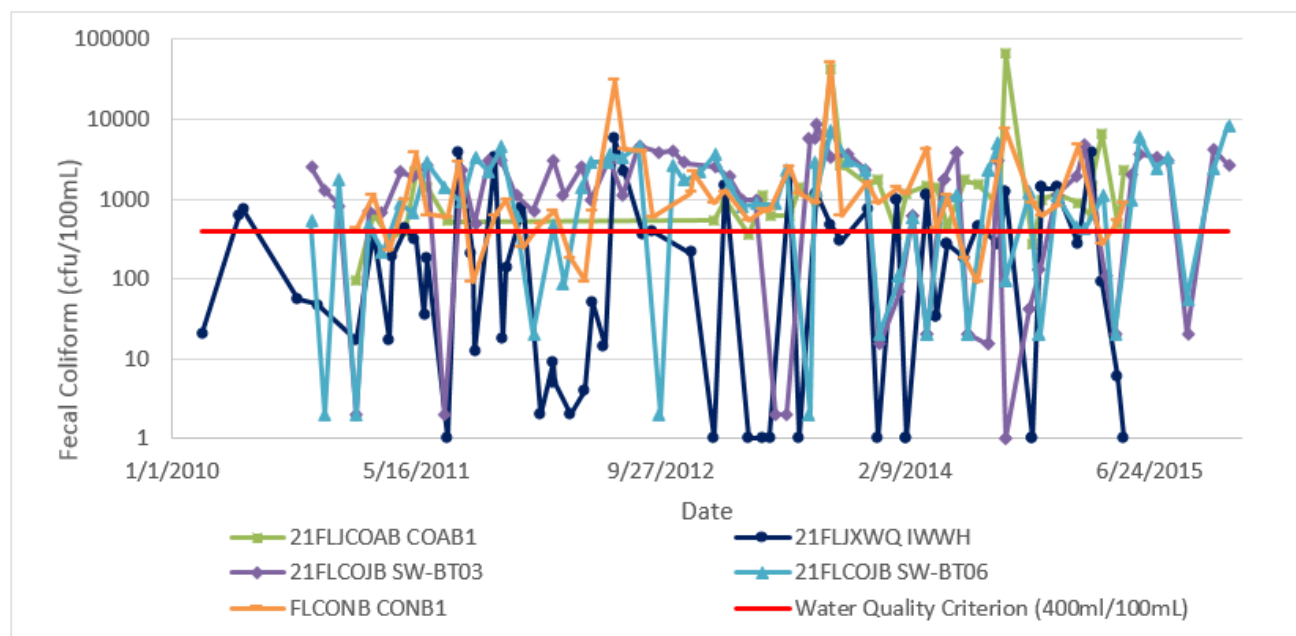


FIGURE 20: 2010–15 FECAL COLIFORM COUNTS IN HOPKINS CREEK

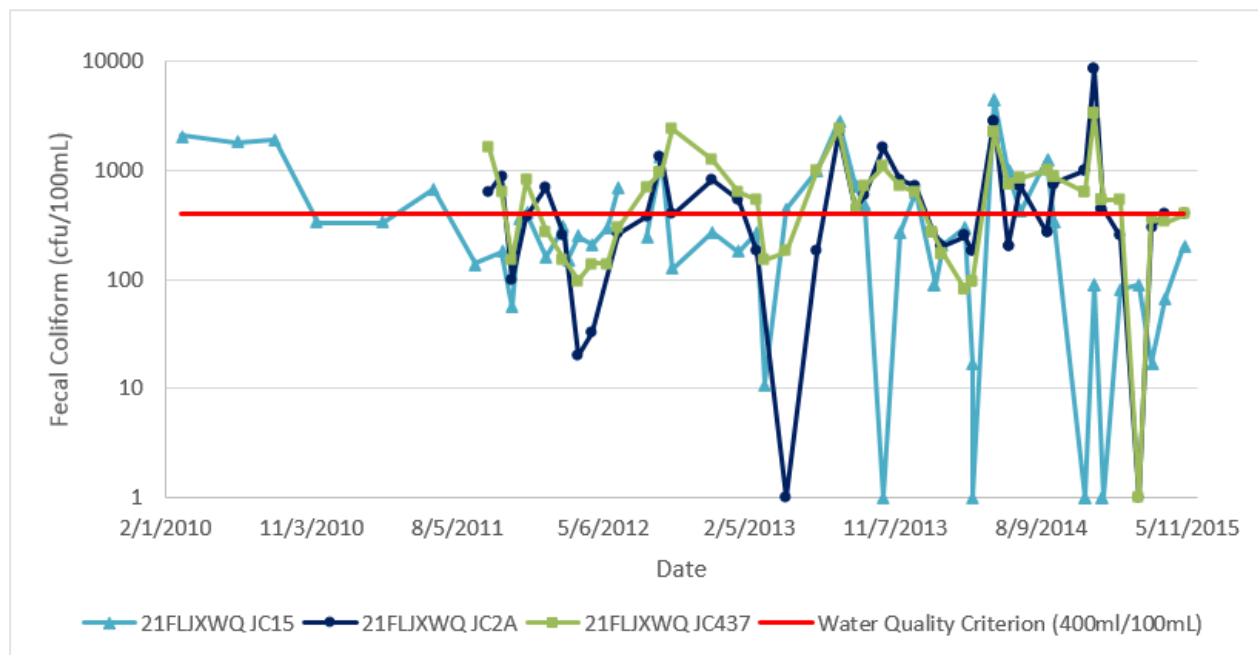


FIGURE 21: 2010–15 FECAL COLIFORM COUNTS IN CORMORANT BRANCH

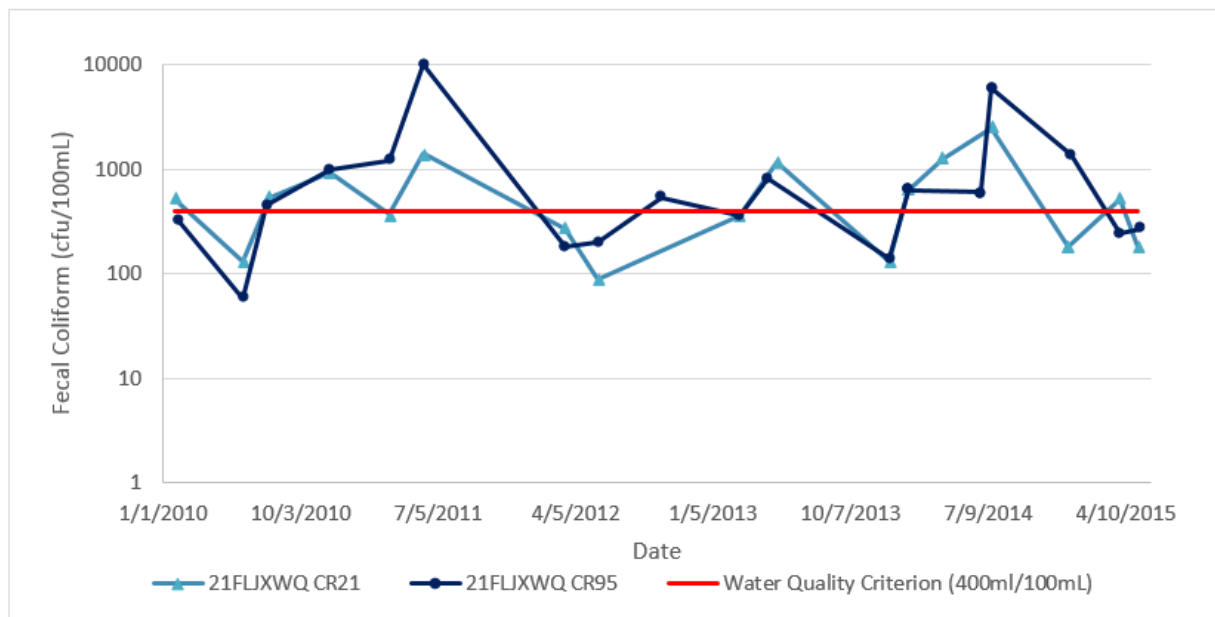


FIGURE 22: 2010–15 FECAL COLIFORM COUNTS IN WILLS BRANCH

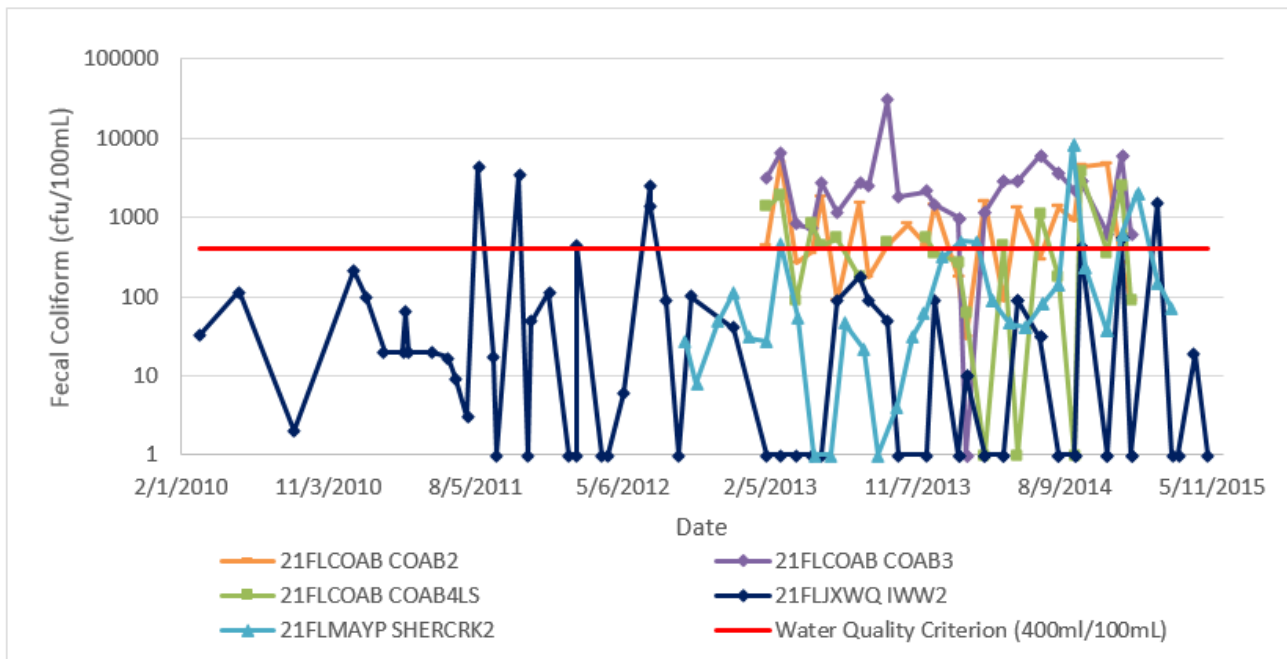


FIGURE 23: 2010–15 FECAL COLIFORM COUNTS IN SHERMAN CREEK

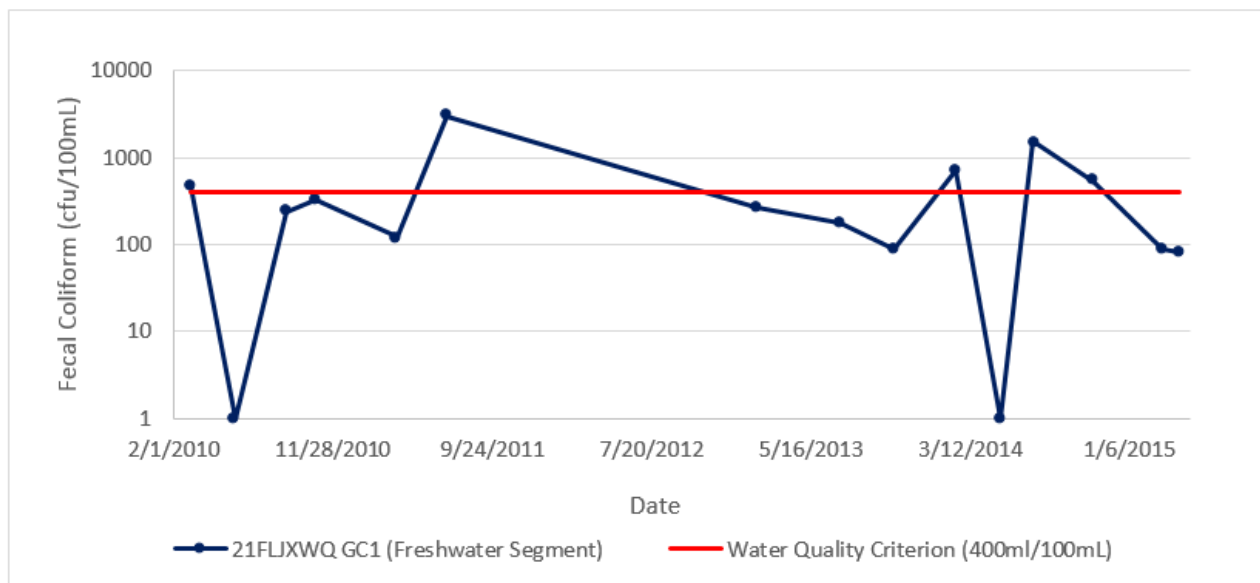


FIGURE 24: 2010–15 FECAL COLIFORM COUNTS IN GREENFIELD CREEK

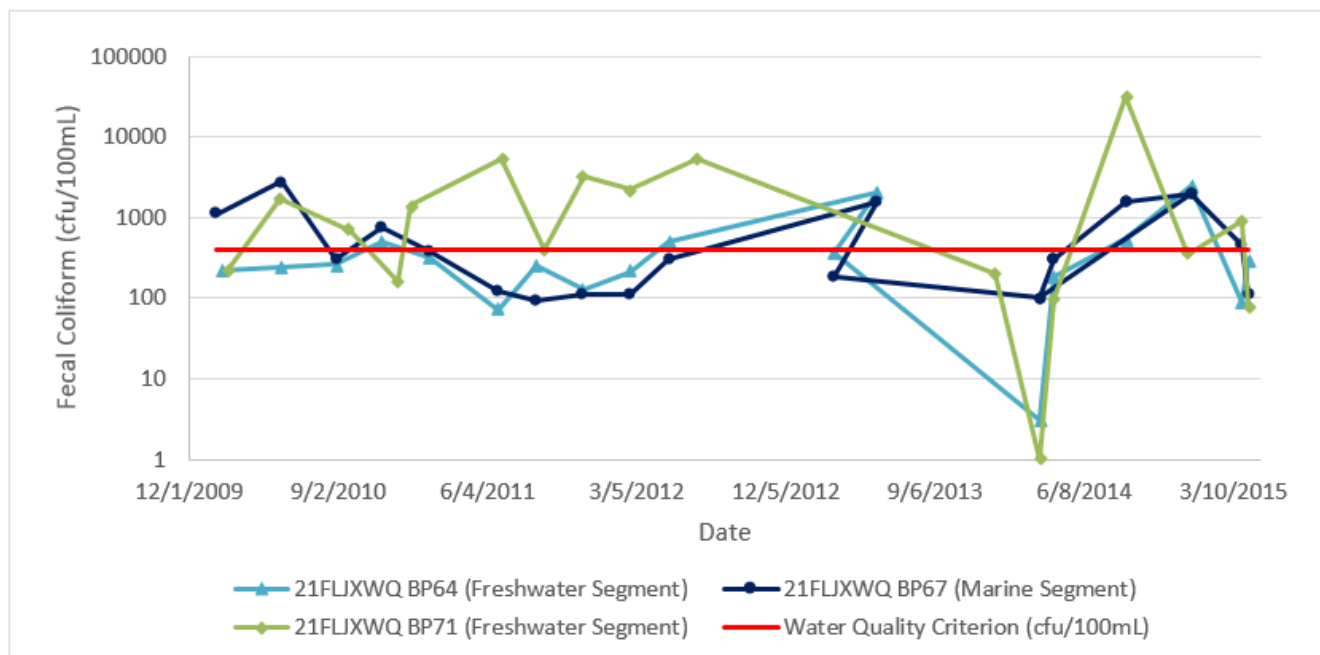


FIGURE 25: 2010–15 FECAL COLIFORM COUNTS IN POTTSBURG CREEK

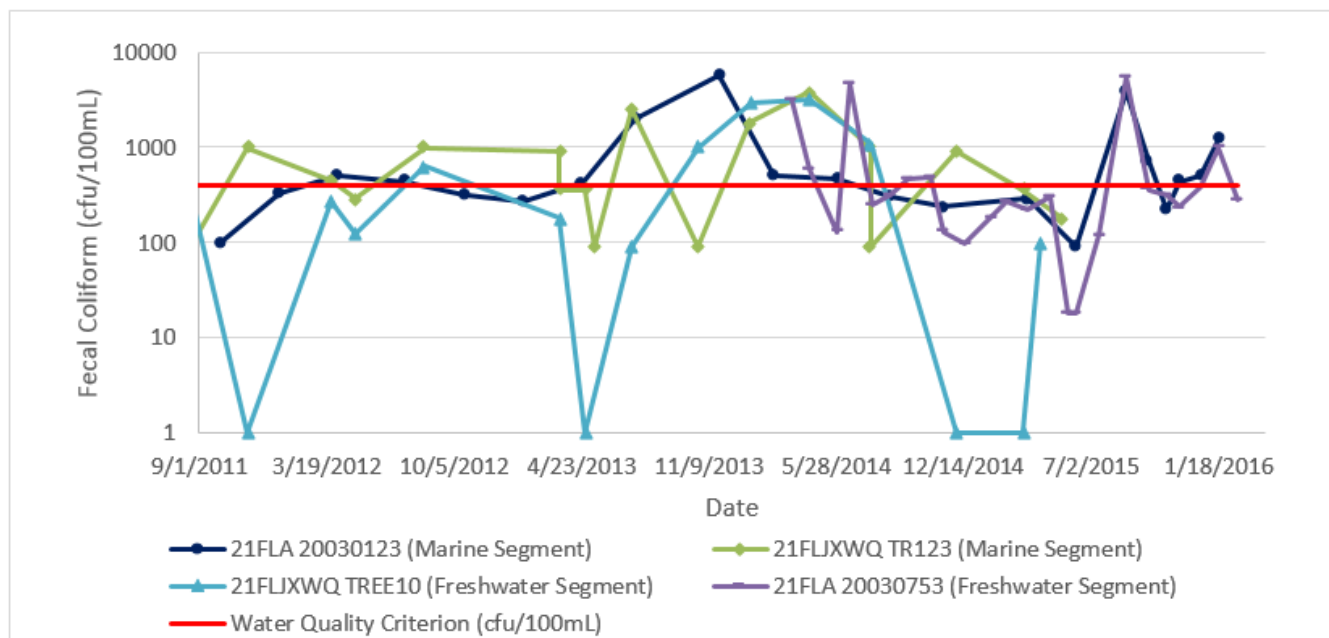


FIGURE 26: 2010–15 FECAL COLIFORM COUNTS IN MIDDLE TROUT RIVER

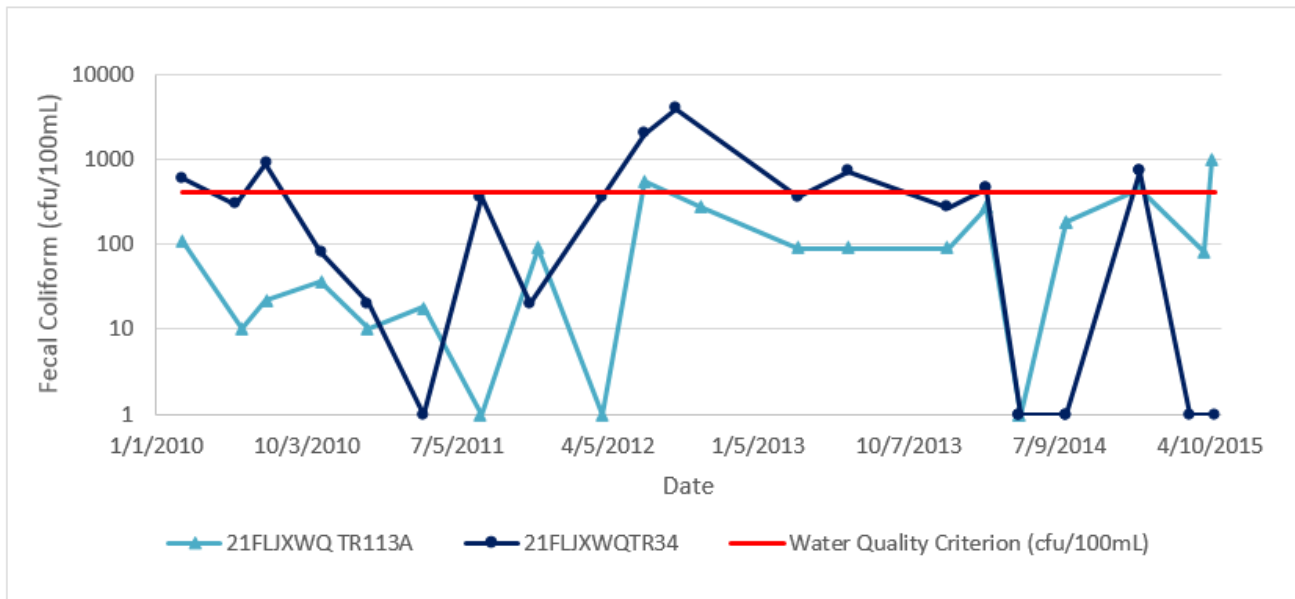


FIGURE 27: 2010–15 FECAL COLIFORM COUNTS IN LOWER TROUT RIVER

SECTION 4: UPCOMING YEAR ACTIVITIES

DEP has updated the current water quality standard for Class III (recreational use) waters from fecal coliform to *Escherichia coli* (*E. coli*) in fresh environments and *Enterococci* in marine environments. To transition to the new criteria, the BMAP efforts will continue to implement the fecal coliform TMDLs while integrating sampling for *E. coli* and/or *Enterococci* so that the waterbodies can be assessed using the new water quality standard during the next assessment cycle. The *E. coli* and/or *Enterococci* data will be used to guide future restoration efforts.

In the meantime, high-magnitude fecal coliform exceedances remain a good tool to direct field investigations and management strategies. Regular participation in the TAT by key stakeholders and follow-up on fecal coliform counts that exceed 5,000 cfu/100mL will continue. DEP and stakeholders will also work together to continue to identify sources of fecal indicator bacteria through field investigations and monitoring of source indicator parameters. Stakeholders will continue to implement ongoing maintenance programs and planned projects during the upcoming year.

APPENDICES

APPENDIX A: WATER QUALITY MONITORING

TABLE A-1: WATER QUALITY MONITORING PLAN

Note: For BMAP I tributaries, JEA has committed to processing up to 32 samples per month for COJ and DEP, and FDOT provides partial funding to COJ for monitoring and follow up sampling. For BMAP II tributaries, Atlantic Beach, Neptune Beach, and FDOT provide partial funding to COJ for monitoring and follow-up sampling.

* F = Fresh water; M = Marine

WATERBODY NAME	WBID NUMBER	PARENT WBID NUMBER	WBID CLASSIFICATION*	BMAP I OR II	MONITORING ENTITY	ORGANIZATION ID	STATION ID	STATION DESCRIPTION	SAMPLING FREQUENCY
Newcastle Creek	2235	2235	3F	I	COJ	21FLJXWQ	ARL5A	Berrywood Lane	Monthly
Newcastle Creek	2235	2235	3F	I	COJ	21FLJXWQ	ARL6	Fort Caroline Hills Drive	Monthly
Hogan Creek	2252	2252	3F	I	COJ	21FLJXWQ	HC1A	Broad Street	Monthly
Hogan Creek	2252	2252	3F	I	COJ	21FLJXWQ	HC2A	Hubbard Street (Confederate Park)	Monthly
Hogan Creek	2252	2252	3F	I	COJ	21FLJXWQ	HC3	First Street	Monthly
Butcher Pen Creek	2322	2322	3F	I	DEP	21FLA	20030082	Confederate Point Road	Monthly
Butcher Pen Creek	2322	2322	3F	I	DEP	21FLA	20030760	Wesconnett Boulevard	Monthly
Butcher Pen Creek	2322	2322	3F	I	COJ	21FLJXWQ	CR2	Butcher Penn Creek at Wesconnet Blvd.	Quarterly
Miller Creek	2287	2287	3F	I	COJ	21FLJXWQ	SS1	Atlantic Boulevard	Monthly
Miller Creek	2287	2287	3F	I	COJ	21FLJXWQ	SS23	Mayfair Road	Monthly
Miramar Creek	2304	2304	3F	I	COJ	21FLJXWQ	SSGAD	Gadston Road	Monthly
Miramar Creek	2304	2304	3F	I	COJ	21FLJXWQ	SS4	San Jose Boulevard	Monthly
Big Fishweir Creek	2280B	2280	3M	I	COJ	21FLJXWQ	CR139	Big Fishweir Creek at Herschel St.	Quarterly
Big Fishweir Creek	2280A	2280	3F	I	DEP	21FLA	20030951	Park Street – East Crossing	Monthly
Big Fishweir Creek	2280A	2280	3F	I	DEP	21FLA	20030953	Little Fishweir Creek at Oak	Monthly
Deer Creek	2256	2256	3F	I	COJ	21FLJXWQ	DR1	Talleyrand Avenue	Monthly
Terrapin Creek	2204	2204	3F	I	DEP	21FLA	20030490	Terrapin Creek at Blasius Road	Monthly

WATERBODY NAME	WBID NUMBER	PARENT WBID NUMBER	WBID CLASSIFICATION*	BMAP I OR II	MONITORING ENTITY	ORGANIZATION ID	STATION ID	STATION DESCRIPTION	SAMPLING FREQUENCY
Goodbys Creek	2326B	2326	3M	I	COJ	21FLJXWQ	SS319	Goodbys Creek at Sanchez Rd.	Quarterly
Goodbys Creek	2326A	2326	3F	I	DEP	21FLA	20030891	Goodbys Creek above west branch at San Clerc	Monthly
Open Creek	2299A	2299	3M	I	COJ	21FLJXWQ	IWWF	Open Creek at San Pablo Road	Quarterly
Open Creek	2299B	2299	3F	I	DEP	21FLA	20030848	N.W. Tributary to Open Creek at Hodges Blvd.	Monthly
Craig Creek	2297	2297	3F	II	COJ	21FLJXWQ	SS63	Craig Creek in Park at Hendricks Avenue	Quarterly
Craig Creek	2297	2297	3F	II	DEP	21FLA	20030793	Craig at Hendricks Ave.	Monthly
Craig Creek	2297	2297	3F	II	DEP	21FLA	20030958	Craig Creek 100 meters down from foot bridge at Hendricks park	Monthly
McCoy Creek	2257	2257	3F	II	JEA	21FLJEA	MCT1	Myrtle Avenue	Quarterly
McCoy Creek	2257	2257	3F	II	JEA	21FLJEA	MCT2	Leland Street	Quarterly
McCoy Creek	2257	2257	3F	II	JEA	21FLJEA	MCS1	South of Broadway Avenue	Monthly
McCoy Creek	2257	2257	3F	II	JEA	21FLJEA	MCS2	Shearer Street between Dellwood Avenue and Myra Street	Monthly
McCoy Creek	2257	2257	3F	II LSJR Tribs	JEA	21FLJXWQ	MC1	McCoy Creek at Myrtle Ave.	Quarterly
McCoy Creek	2257	2257	3F	II LSJR Tribs	JEA	21FLJXWQ	MC3	McCoy Creek at Leland St.	Quarterly
Williamson Creek	2316	2316	3F	II	JEA	21FLJEA	WCT2	JEA WCT2 – Hyde Park Rd.	Quarterly
Williamson Creek	2316	2316	3F	II	JEA	21FLJEA	WCT3	Upstream Side of Hugh Edwards	Monthly
Williamson Creek	2316	2316	3F	II	COJ	21FLJXWQ	CR84	Williamson Creek at Hyde Park Rd.	Quarterly
Fishing Creek	2324	2324	3F	II	COJ	21FLJXWQ	OR4	Timuquana Road and Fishing Creek	Monthly
Fishing Creek	2324	2324	3F	II	COJ	21FLJXWQ	OR94	Fishing Creek at Ortega River Confluence	Monthly
Fishing Creek	2324	2324	3F	II	COJ	21FLJXWQ	OR118	Fishing Creek south branch at 118th St. east of Jammes Rd.	Monthly

WATERBODY NAME	WBID NUMBER	PARENT WBID NUMBER	WBID CLASSIFICATION*	BMAP I OR II	MONITORING ENTITY	ORGANIZATION ID	STATION ID	STATION DESCRIPTION	SAMPLING FREQUENCY
Fishing Creek	2324	2324	3F	II	COJ	21FLJXWQ	OR8W	Fishing Creek north branch at Jammes Rd.	Monthly
Deep Bottom Creek	2361	2361	3F	II	COJ	21FLJXWQ	SS18	Scott Mill Road	Monthly
Deep Bottom Creek	2361	2361	3F	II	COJ	21FLJXWQ	DBHARTW	Northern branch at Hartley Road, west of Cypresswood Drive	Monthly
Deep Bottom Creek	2361	2361	3F	II	COJ	21FLJXWQ	DBHARTE	Hood Road	Monthly
Moncrief Creek	2228B	2228	3F	II	DEP	21FLA	20030726	Moncrief Creek at Moncrief Road	Monthly
Moncrief Creek	2228B	2228	3F	II	DEP	21FLA	20030897	Moncrief Creek at 21 st St.	Monthly
Moncrief Creek	2228A	2228	3M	II	COJ	21FLJXWQ	TR114	Moncrief Creek at Lem Turner Rd.	Quarterly
Blockhouse Creek	2207	2207	3F	II	COJ	21FLJXWQ	TR37	Blockhouse Creek at Leonid Road	Quarterly
Hopkins Creek	2266	2266	3M	II	COJ	21FLJXWQ	IWWH	Kings Road	Monthly
Hopkins Creek	2266	2266	3M	II	Jacksonville Beach	21FLCOJB	SW-BT03	Southeastern branch at 20 th Avenue North	Monthly
Hopkins Creek	2266	2266	3M	II	Jacksonville Beach	21FLCOJB	SW-BT06	Southwestern branch at Tallwood Road	Monthly
Hopkins Creek	2266	2266	3M	II	COJ	21FLJXWQ	COAB1	Hopkins Creek at Atlantic Boulevard	Monthly
Hopkins Creek	2266	2266	3M	II	COJ	21FLJXWQ	CONB1	Hopkins Creek Main Channel at Penman Rd.	Monthly
Cormorant Branch	2381	2381	3F	II	COJ	21FLJXWQ	JC15	Cormorant Branch at Julington Creek Road	Monthly
Cormorant Branch	2381	2381	3F	II	COJ	21FLJXWQ	JC437	Cormorant Branch at Marbon Road	Monthly
Cormorant Branch	2381	2381	3F	II	COJ	21FLJXWQ	JC2A	Cormorant Branch at Heather Grove Lane	Monthly
Wills Branch	2282	2282	3F	II	COJ	21FLJXWQ	CR21	Wills Branch N Branch @ Old Middleburge Rd	Quarterly
Wills Branch	2282	2282	3F	II	COJ	21FLJXWQ	CR95	Wills Branch at Lane Ave S	Quarterly
Sherman Creek	2227	2227	3M	II	COJ	21FLJXWQ	SC1	Puckett Creek at Wonderwood Drive	Monthly
Sherman Creek	2227	2227	3M	II	COJ	21FLJXWQ	IWW2	Sherman Creek at State Road A1A Bridge	Monthly

WATERBODY NAME	WBID NUMBER	PARENT WBID NUMBER	WBID CLASSIFICATION*	BMAP I OR II	MONITORING ENTITY	ORGANIZATION ID	STATION ID	STATION DESCRIPTION	SAMPLING FREQUENCY
Sherman Creek	2227	2227	3M	II	COJ	21FLCOAB	COAB2	Sherman Creek at Fleet Landing Blvd.	Monthly
Sherman Creek	2227	2227	3M	II	COJ	21FLCOAB	COAB3	Assisi Lane and Puckett Creek intersection	Monthly
Sherman Creek	2227	2227	3M	II	COJ	21FLCOAB	COAB4-LS	Lift station on north side of neighborhood	Monthly
Sherman Creek	2227	2227	3M	II	NS Mayport	21FLMAYP	SHERCRK2	Everglades Street upstream of weir	Monthly
Pottsburg Creek	2265C	2265	3F	II	COJ	21FLJXWQ	BP64	Big Pottsburg Creek at Belfort Road South End	Quarterly
Pottsburg Creek	2265D	2265	3M	II	COJ	21FLJXWQ	BP67	Big Pottsburg Creek at Hogan Road	Quarterly
Pottsburg Creek	2308	2308	3F	II	COJ	21FLJXWQ	BP71	Big Pottsburg Creek at Parental Home Road	Quarterly
Greenfield Creek	2265B	2240	3F	II	COJ	21FLJXWQ	GC1	Greenfield Creek at Atlantic Blvd.	Quarterly
Middle Trout River	2203B	2203	3M	II	DEP	21FLA	20030123	Trout River at Dinsmore Boat Ramp Boat Dock NR US 1	Monthly
Middle Trout River	2203B	2203	3M	II	COJ	21FLJXWQ	TR123	Trout River at U.S. 1 at Boat Ramp	Quarterly
Middle Trout River	2203	2203	3F	II	DEP	21FLA	20030753	Trout River at Old Kings Road	Monthly
Middle Trout River	2203	2203	3F	II	COJ	21FLJXWQ	TREE10	Trout River at Old Kings Rd.	Quarterly
Lower Trout River	2203A	2203	3M	II	COJ	21FLJXWQ	TR34	Highlands Creek at Broward Rd.	Quarterly
Lower Trout River	2203A	2203	3M	II	COJ	21FLJXWQ	TR113A	Trout River at Bert Maxwell Boat Ramp	Quarterly

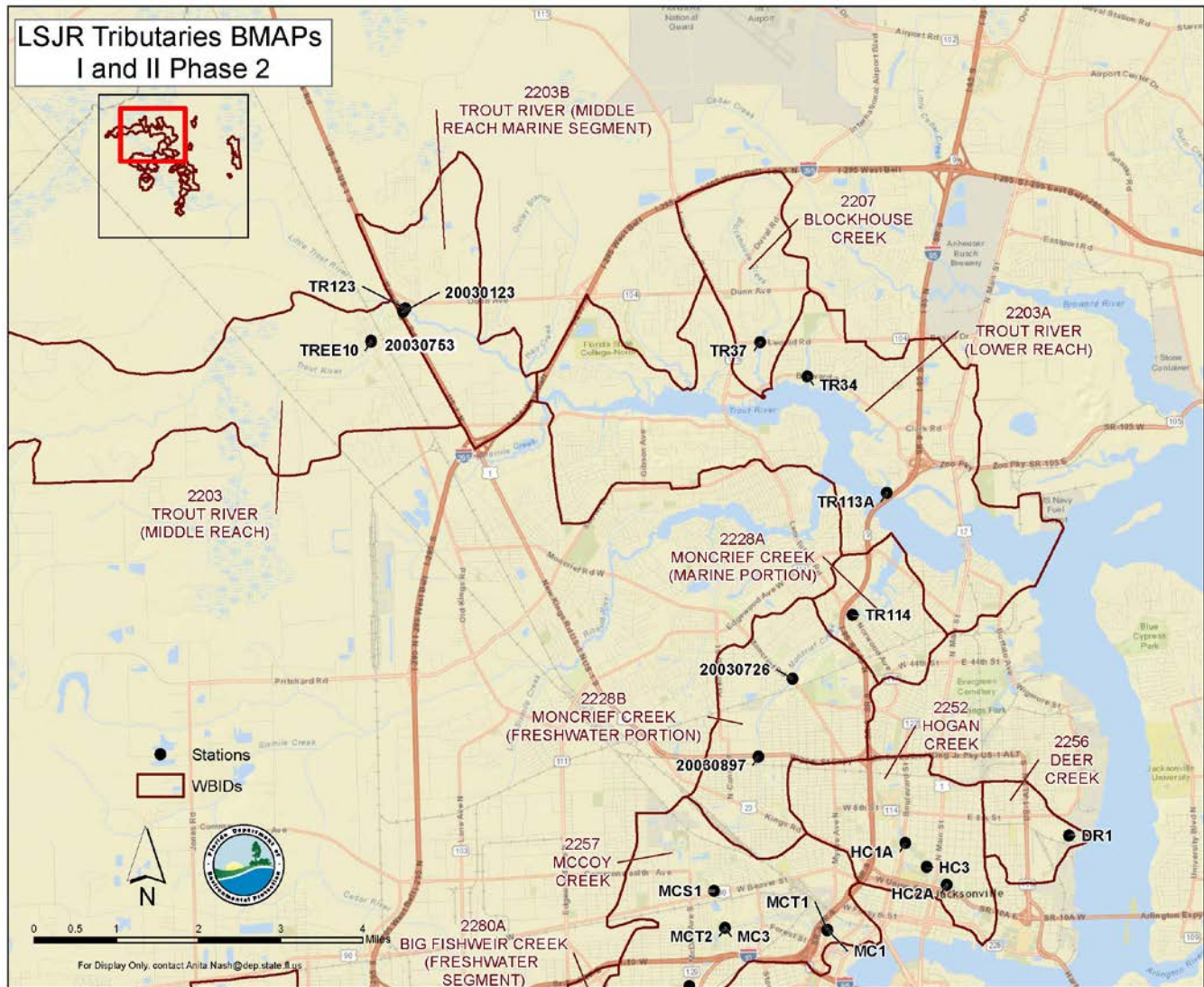


FIGURE A-1: MONITORING STATIONS FOR FECAL COLIFORMS IN THE LSJR TRIBUTARIES

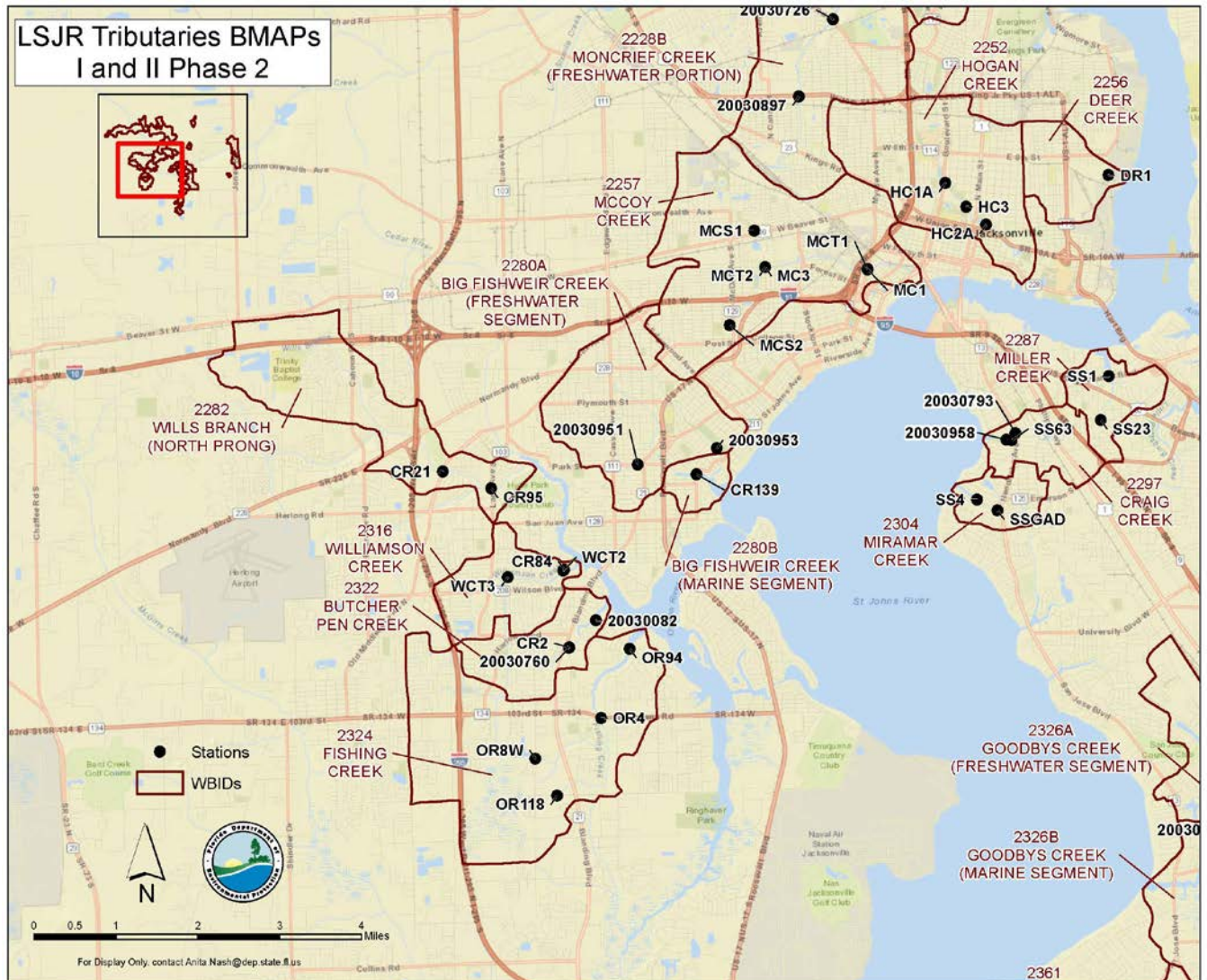


FIGURE A-2: MONITORING STATIONS FOR FECAL COLIFORMS IN THE LSJR TRIBUTARIES

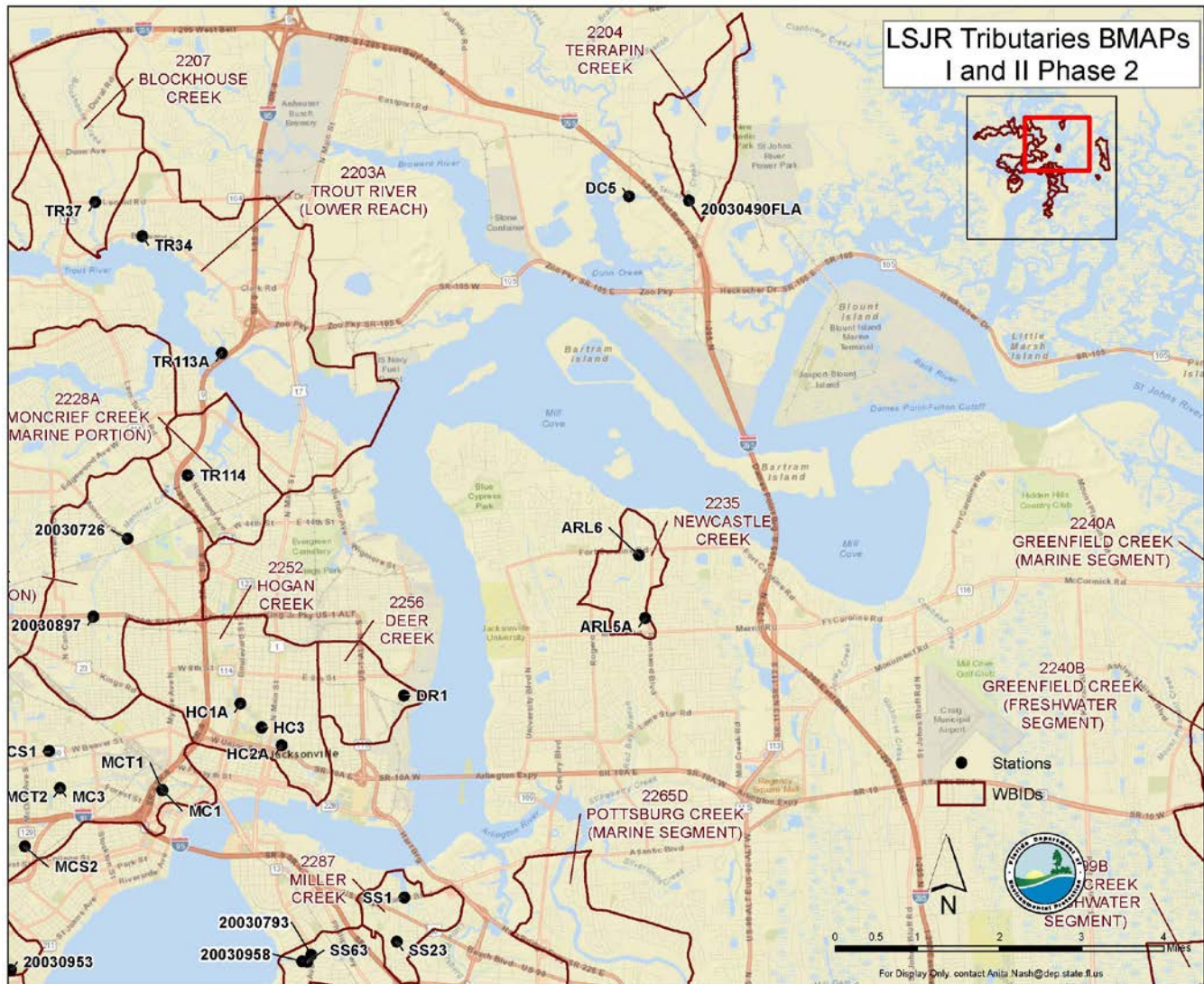


FIGURE A-3: MONITORING STATIONS FOR FECAL COLIFORMS IN THE LSJR TRIBUTARIES

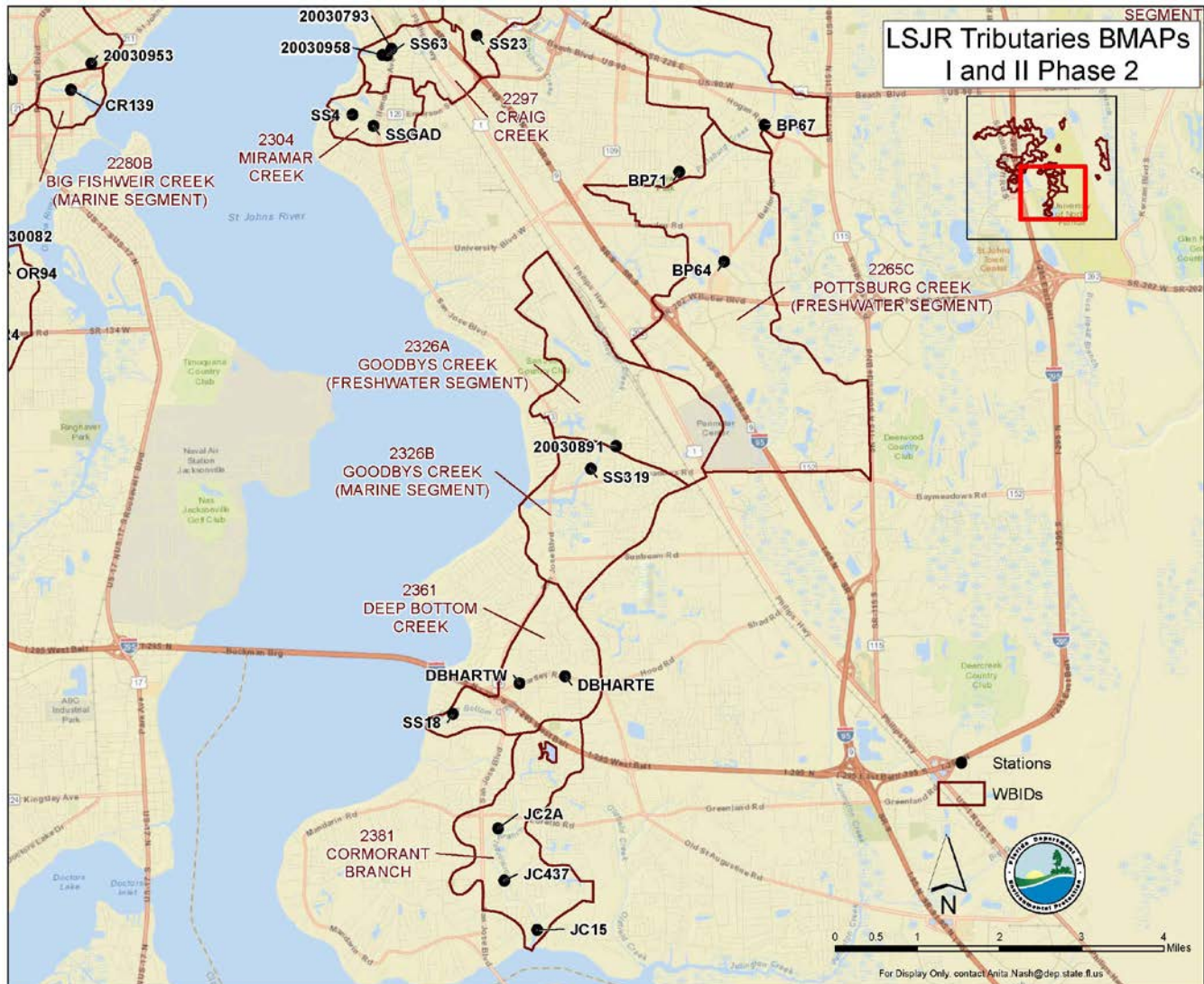


FIGURE A-4: MONITORING STATIONS FOR FECAL COLIFORMS IN THE LSJR TRIBUTARIES

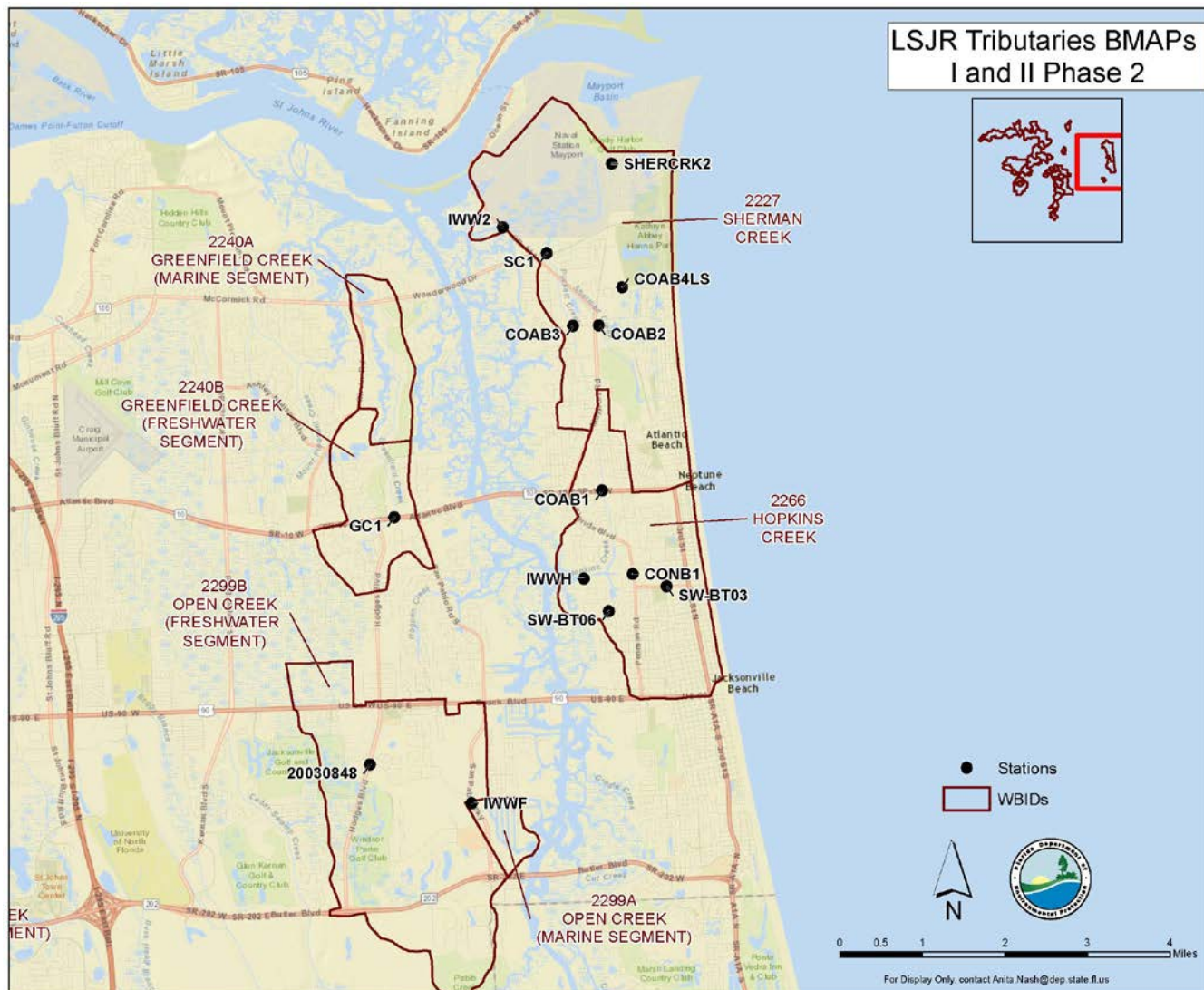


FIGURE A-5: MONITORING STATIONS FOR FECAL COLIFORMS IN THE LSJR TRIBUTARIES

APPENDIX B: PROJECT LISTS

TABLE B-1: JEA PROJECT LIST

Note: JEA's reporting period is primarily January 1 through December 31, except for lift station rehabilitation work, which is completed based on JEA's fiscal year.

¹ JEA activities in all LSJR Tributaries except Sherman Creek and Hopkins Creek.

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	FUNDING SOURCE	PROJECT STATUS
Countywide	Countywide	JEA-162	Participate in TAT Calls and Efforts	Continue participation in TAT coordination calls and other TAT efforts	Ongoing	JEA	Ongoing
Countywide	Countywide	JEA-163	Source Identification Follow Up	Assist DEP in following up on source identification results that indicate human source	Ongoing	JEA	Ongoing
Countywide	Countywide	JEA-164	Prioritize Infrastructure Improvements	Give priority to improving/repairing infrastructure close to surface waterbodies and stormwater conveyances	Ongoing	JEA	Ongoing
Countywide	Countywide	JEA-165	Walk the WBID Follow Up	Address any action items identified as result of 2014 Walk the WBID	Complete	JEA	Ongoing
Countywide	Countywide	JEA-166	Dumpster Inspection Program	Develop inspection program for dumpster areas and behind restaurants, convenience stores, and grocery stores	Implemented in 2015	JEA	Ongoing
Countywide	Countywide	JEA-167	Sample Analysis	Continue to run analysis on up to 32 samples for DEP's Northeast District Office, and add <i>E. coli</i> and <i>Enterococcus</i> sampling, as appropriate	Ongoing	JEA	Ongoing
2322	Butcher Pen Creek	JEA-32	Pipe Bursting – Increase Carrying Capacity	Replace failing/leaking infrastructure	No activity	JEA	Ongoing
2322	Butcher Pen Creek	JEA-33	Cured in Place Pipe (CIPP) – Install New Inner Lining	Rehabilitate failing/leaking infrastructure	No activity	JEA	Ongoing
2322	Butcher Pen Creek	JEA-34	Open Cut – Removal and Replacement	Replace failing/leaking infrastructure	See attached for utilitywide efforts	JEA	Ongoing
2322	Butcher Pen Creek	JEA-35	Manhole Linings Rehabbed	Repair deteriorating manhole linings	No activity	JEA	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	FUNDING SOURCE	PROJECT STATUS
2322	Butcher Pen Creek	JEA-37	Air Release Valve (ARV) Inspection and Rehab	ARV inspection and rehab	0 ARV inspected; 0 ARV rehabilitations	JEA	Ongoing
2322	Butcher Pen Creek	JEA-40	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	See attached for utilitywide efforts	JEA	Ongoing
2322	Butcher Pen Creek	JEA-42	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing
2322	Butcher Pen Creek	JEA-43	Pipe Television (TV) Inspection	Inspect existing infrastructure using closed-circuit television	669 feet of pipe inspected	JEA	Ongoing
2322	Butcher Pen Creek	JEA-44	Pipe Cleaning	Clean existing pipes to avoid blockages	5,525 feet of HDPE pipe cleaned; 835 feet of non-HDPE pipe cleaned	JEA	Ongoing
2322	Butcher Pen Creek	JEA-45	Implement Capacity, Management, Operations, and Maintenance (CMOM) Program	Implement CMOM Program	Ongoing	JEA	Ongoing
2322	Butcher Pen Creek	JEA-46	Manhole Monitoring	Manhole monitoring	No monitoring in watershed	JEA	Ongoing
2322	Butcher Pen Creek	JEA-47	Sanitary Sewer Overflow (SSO) Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2322	Butcher Pen Creek	JEA-48	Pop-Top Program	Pop-Top Program	22 manholes inspected	JEA	Ongoing
2322	Butcher Pen Creek	JEA-49	Non-Destructive Testing Program/Pipe Integrity Testing	Non-Destructive Testing Program/pipe integrity testing	Ongoing	JEA	Ongoing
2287	Miller Creek	JEA-50	Pipe Bursting – Increase Carrying Capacity	Replace failing/leaking infrastructure	No effort in 2015	JEA	Ongoing
2287	Miller Creek	JEA-51	CIPP – Install New Inner Lining	Rehabilitate failing/leaking infrastructure	No effort in 2015	JEA	Ongoing
2287	Miller Creek	JEA-52	Manhole Linings Rehabbed	Repair deteriorating manhole linings	1 manhole relined	JEA	Ongoing
2287	Miller Creek	JEA-53	ARV Inspection and Rehab	ARV inspection and rehab	No effort in 2015	JEA	Ongoing
2287	Miller Creek	JEA-56	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	FUNDING SOURCE	PROJECT STATUS
2287	Miller Creek	JEA-57	Pipe TV Inspection	Inspect existing infrastructure using closed-circuit television	307 feet of pipe inspected	JEA	Ongoing
2287	Miller Creek	JEA-58	Pipe Cleaning	Clean existing pipes to avoid blockages	3,967 feet of HDPE pipe cleaned; 3,742 feet of non-HDPE pipe cleaned	JEA	Ongoing
2287	Miller Creek	JEA-59	Implement CMOM Program	Implement CMOM Program	Ongoing	JEA	Ongoing
2287	Miller Creek	JEA-60	Manhole Monitoring	Manhole monitoring	No monitoring in watershed	JEA	Ongoing
2287	Miller Creek	JEA-61	SSO Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2287	Miller Creek	JEA-62	Pop-Top Program	Pop-Top Program	28 manholes inspected	JEA	Ongoing
2287	Miller Creek	JEA-63	Non-Destructive Testing Program/Pipe Integrity Testing	Non-Destructive Testing Program/pipe integrity testing	Ongoing	JEA	Ongoing
2304	Miramar Creek	JEA-64	Pipe Bursting – Increase Carrying Capacity	Replace failing/leaking infrastructure	No effort in 2015	JEA	Ongoing
2304	Miramar Creek	JEA-65	Manhole Linings Rehabbed	Repair deteriorating manhole linings	No effort in 2015	JEA	Ongoing
2304	Miramar Creek	JEA-66	ARV Inspection and Rehab	ARV inspection and rehab	No effort in 2015	JEA	Ongoing
2304	Miramar Creek	JEA-69	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	See attached for utilitywide efforts	JEA	Ongoing
2304	Miramar Creek	JEA-72	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing
2304	Miramar Creek	JEA-157	Pipe TV Inspection	Inspect existing infrastructure using closed-circuit television	No effort in 2015	JEA	Ongoing
2304	Miramar Creek	JEA-73	Pipe Cleaning	Clean existing pipes to avoid blockages	236 feet of non-HDPE pipe cleaned	JEA	Ongoing
2304	Miramar Creek	JEA-74	Implement CMOM Program	Implement CMOM Program	Ongoing	JEA	Ongoing
2304	Miramar Creek	JEA-75	Manhole Monitoring	Manhole monitoring	No monitoring in watershed	JEA	Ongoing
2304	Miramar Creek	JEA-76	SSO Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2304	Miramar Creek	JEA-77	Pop-Top Program	Pop-Top Program	2 manholes inspected	JEA	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	FUNDING SOURCE	PROJECT STATUS
2304	Miramar Creek	JEA-78	Non-Destructive Testing Program/Pipe Integrity Testing	Non-Destructive Testing Program/pipeline integrity testing	Ongoing	JEA	Ongoing
2280	Big Fishweir Creek	JEA-79	Pipe Bursting – Increase Carrying Capacity	Replace failing/leaking infrastructure	No effort in 2015	JEA	Ongoing
2280	Big Fishweir Creek	JEA-80	CIPP – Install New Inner Lining	Rehabilitate failing/leaking infrastructure	No effort in 2015	JEA	Ongoing
2280	Big Fishweir Creek	JEA-81	Open Cut - Removal and Replacement	Replace failing/leaking infrastructure	See attached for utilitywide efforts	JEA	Ongoing
2280	Big Fishweir Creek	JEA-82	Manhole Linings Rehabbed	Repair deteriorating manhole linings	No effort in 2015	JEA	Ongoing
2280	Big Fishweir Creek	JEA-83	ARV Inspection and Rehab	ARV inspection and rehab	No effort in 2015	JEA	Ongoing
2280	Big Fishweir Creek	JEA-89	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing
2280	Big Fishweir Creek	JEA-154	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	See attached for utilitywide efforts	JEA	Ongoing
2280	Big Fishweir Creek	JEA-90	Pipe TV Inspection	Inspect existing infrastructure using closed-circuit television	No effort in 2015	JEA	Ongoing
2280	Big Fishweir Creek	JEA-91	Pipe Cleaning	Clean existing pipes to avoid blockages	No effort in 2015	JEA	Ongoing
2280	Big Fishweir Creek	JEA-92	Implement CMOM Program	Implement CMOM Program	Ongoing	JEA	Ongoing
2280	Big Fishweir Creek	JEA-93	Manhole Monitoring	Manhole monitoring	No monitoring in watershed	JEA	Ongoing
2280	Big Fishweir Creek	JEA-94	SSO Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2280	Big Fishweir Creek	JEA-95	Pop-Top Program	Pop-Top Program	No effort in 2015	JEA	Ongoing
2280	Big Fishweir Creek	JEA-96	Non-Destructive Testing Program/Pipe Integrity Testing	Non-Destructive Testing Program/pipeline integrity testing	Ongoing	JEA	Ongoing
2256	Deer Creek	JEA-97	Pipe Bursting – Increase Carrying Capacity	Replace failing/leaking infrastructure	No effort in 2015	JEA	Ongoing
2256	Deer Creek	JEA-98	CIPP – Install New Inner Lining	Rehabilitate failing/leaking infrastructure	No effort in 2015	JEA	Ongoing
2256	Deer Creek	JEA-99	Open Cut – Removal and Replacement	Replace failing/leaking infrastructure	See attached for utilitywide efforts	JEA	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	FUNDING SOURCE	PROJECT STATUS
2256	Deer Creek	JEA-100	Manhole Linings Rehabbed	Repair deteriorating manhole linings	No effort in 2015	JEA	Ongoing
2256	Deer Creek	JEA-104	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing
2256	Deer Creek	JEA-105	Pipe TV Inspection	Inspect existing infrastructure using closed-circuit television	1,398.6 feet of pipe inspected	JEA	Ongoing
2256	Deer Creek	JEA-106	Pipe Cleaning	Clean existing pipes to avoid blockages	9,884 feet of HDPE pipe cleaned; 10,568 feet of non-HDPE pipe cleaned	JEA	Ongoing
2256	Deer Creek	JEA-107	Implement CMOM Program	Implement CMOM Program	Ongoing	JEA	Ongoing
2256	Deer Creek	JEA-108	Manhole Monitoring	Manhole monitoring	No monitoring in watershed	JEA	Ongoing
2256	Deer Creek	JEA-109	SSO Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2256	Deer Creek	JEA-110	Pop-Top Program	Pop-Top Program	67 manholes inspected	JEA	Ongoing
2256	Deer Creek	JEA-111	Non-Destructive Testing Program/ Pipe Integrity Testing	Non-Destructive Testing Program/pipe integrity testing	Ongoing	JEA	Ongoing
2256	Deer Creek	JEA-154	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	See attached for utilitywide efforts	JEA	Ongoing
2256	Deer Creek	JEA-160	Lakeshore Force Main Replacement	Install 7,500 linear feet of 16" polyvinyl chloride (PVC) force main to replace deteriorating 16" ductile iron force main	Ongoing	JEA	Ongoing
2256	Deer Creek	JEA-161	Lower East Side Drainage Improvements	Install new sewer infrastructure to accommodate stormwater improvements	Ongoing	JEA	Ongoing
2204	Terrapin Creek	JEA-112	Manhole Linings Rehabbed	Repair deteriorating manhole linings	No effort in 2015	JEA	Ongoing
2204	Terrapin Creek	JEA-113	ARV Inspection and Rehab	ARV inspection and rehab	No effort in 2015	JEA	Ongoing
2204	Terrapin Creek	JEA-117	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing
2204	Terrapin Creek	JEA-118	Implement CMOM Program	Implement CMOM Program	Ongoing	JEA	Ongoing
2204	Terrapin Creek	JEA-119	Manhole Monitoring	Manhole monitoring	No monitoring in watershed	JEA	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	FUNDING SOURCE	PROJECT STATUS
2204	Terrapin Creek	JEA-120	SSO Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2204	Terrapin Creek	JEA-121	Pop-Top Program	Pop-Top Program	No effort in 2015	JEA	Ongoing
2204	Terrapin Creek	JEA-122	Non-Destructive Testing Program	Non-Destructive Testing Program	Ongoing	JEA	Ongoing
2326	Goodbys Creek	JEA-123	Pipe Bursting – Increase Carrying Capacity	Replace failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2326	Goodbys Creek	JEA -124	Open Cut – Removal and Replacement	Replace failing/ leaking infrastructure	See attached for utilitywide efforts	JEA	Ongoing
2326	Goodbys Creek	JEA-125	Manhole Linings Rehabbed	Repair deteriorating manhole linings	No effort in 2015	JEA	Ongoing
2326	Goodbys Creek	JEA-126	ARV Inspection and Rehab	ARV inspection and rehab	No effort in 2015	JEA	Ongoing
2326	Goodbys Creek	JEA-129	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	See attached for utilitywide efforts	JEA	Ongoing
2326	Goodbys Creek	JEA-130	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing
2326	Goodbys Creek	JEA-131	Pipe TV Inspection	Inspect existing infrastructure using closed-circuit television	No effort in 2015	JEA	Ongoing
2326	Goodbys Creek	JEA-132	Pipe Cleaning	Clean existing pipes to avoid blockages	No effort in 2015	JEA	Ongoing
2326	Goodbys Creek	JEA-133	Implement CMOM Program	Implement CMOM Program	Ongoing	JEA	Ongoing
2326	Goodbys Creek	JEA-134	Manhole Monitoring	Manhole monitoring	1 manhole monitored in watershed	JEA	Ongoing
2326	Goodbys Creek	JEA-135	SSO Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2326	Goodbys Creek	JEA-136	Pop-Top Program	Pop-Top Program	No effort in 2015	JEA	Ongoing
2326	Goodbys Creek	JEA-137	Non-Destructive Testing Program/Pipe Integrity Testing	Non-Destructive Testing Program/pipe integrity testing	Ongoing	JEA	Ongoing
2299	Open Creek	JEA-138	Pipe Bursting – Increase Carrying Capacity	Replace failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2299	Open Creek	JEA-139	Open Cut – Removal and Replacement	Replace failing/ leaking infrastructure	See attached for utilitywide efforts	JEA	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	FUNDING SOURCE	PROJECT STATUS
2299	Open Creek	JEA-140	Manhole Linings Rehabbed	Repair deteriorating manhole linings	1 manhole relined	JEA	Ongoing
2299	Open Creek	JEA-141	ARV Inspection and Rehab	ARV inspection and rehab	2 ARV inspected; 0 ARV rehabilitations	JEA	Ongoing
2299	Open Creek	JEA-155	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	See attached for utilitywide efforts	JEA	Ongoing
2299	Open Creek	JEA-144	Verify Lift Station Location on Boundary	Verify which WBID Marsh Island station is reported in for first annual Progress Report	Complete	JEA	Completed
2299	Open Creek	JEA-146	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing
2299	Open Creek	JEA-147	Pipe TV Inspection	Inspect existing infrastructure using closed-circuit television	No effort in 2015	JEA	Ongoing
2299	Open Creek	JEA-148	Pipe Cleaning	Clean existing pipes to avoid blockages	0 feet of HDPE pipe cleaned; 6,415 feet of non-HDPE pipe cleaned	JEA	Ongoing
2299	Open Creek	JEA-149	Implement CMOM Program	Implement CMOM Program	Ongoing	JEA	Ongoing
2299	Open Creek	JEA-150	Manhole Monitoring	Manhole monitoring	1 manhole monitored in watershed	JEA	Ongoing
2299	Open Creek	JEA-151	SSO Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2299	Open Creek	JEA-152	Pop-Top Program	Pop-Top Program	40 manholes inspected	JEA	Ongoing
2299	Open Creek	JEA-153	Non-Destructive Testing Program/Pipe Integrity Testing	Non-Destructive Testing Program/pipe integrity testing	Ongoing	JEA	Ongoing
2299	Open Creek	JEA-155	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	See attached for utilitywide efforts	JEA	Ongoing
Countywide	Countywide	JEA-232	Participate in TAT Calls and Efforts	Continue participation in TAT coordination calls and other TAT efforts	Ongoing	JEA	Ongoing
Countywide	Countywide	JEA-233	Source Identification Follow Up	Assist DEP in following up on source identification results that indicate human source	Ongoing	JEA	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	FUNDING SOURCE	PROJECT STATUS
Countywide	Countywide	JEA-234	Prioritize Infrastructure Improvements	Give priority to improving/repairing infrastructure close to surface waterbodies and stormwater conveyances	Ongoing	JEA	Ongoing
Countywide	Countywide	JEA-235	Walk the WBID Follow Up	Address any action items identified result of Phase 2 Walk the WBID	Complete	JEA	Ongoing
Countywide	Countywide	JEA-236	Dumpster Inspection Program	Develop inspection program for dumpster areas and behind restaurants, convenience stores, and grocery stores	Implemented in 2015	JEA	Ongoing
Countywide	Countywide	JEA-237	Sample Analysis	Continue BMAP monitoring, with adjustments made as needed, and follow up on high results per TAT protocol. Add <i>E. coli</i> and <i>Enterococcus</i> , as appropriate.	Ongoing	JEA	Ongoing
1	1		Pipe Bursting – Increase Carrying Capacity	Replace failing/ leaking infrastructure	Variable	JEA	Ongoing
1	1		CIPP – Install New Inner Lining	Rehabilitate failing/ leaking infrastructure	Variable	JEA	Ongoing
1	1		Open Cut – Removal and Replacement	Replace failing/ leaking infrastructure	Variable	JEA	Ongoing
1	1		Manhole Linings Rehabilitated	Repair deteriorating manhole linings	Variable	JEA	Ongoing
1	1		ARV Inspection and Rehab	ARV inspection and rehab	Variable	JEA	Ongoing
1	1		Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	Variable	JEA	Ongoing
1	1		Pipe TV Inspection	Inspect existing infrastructure using closed-circuit television	Variable	JEA	Ongoing
1	1		Pipe Cleaning – JEA	Clean existing pipes to avoid blockages	Variable	JEA	Ongoing
1	1		FOG Reduction Program	FOG Reduction Program	Variable	JEA	Ongoing
1	1		Implement CMOM Program	CMOM Program	Variable	JEA	Ongoing
1	1		SSO Root Cause Program	SSO Root Cause Program	Variable	JEA	Ongoing
1	1		Pop-Top Program	Pop-Top Program	Variable	JEA	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	FUNDING SOURCE	PROJECT STATUS
1	1		Non-Destructive Testing Program/Pipe Integrity Testing	Non-Destructive Testing Program/pipe integrity testing	Variable	JEA	Ongoing
2297	Craig Creek	JEA-1	Pipe Bursting – Increase Carrying Capacity	Replace failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2297	Craig Creek	JEA-2	Cured In Place Pipe (CIPP) – Install New Inner Lining	Rehabilitate failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2297	Craig Creek	JEA-198	Open Cut – Removal and Replacement	Replace failing/ leaking infrastructure	See attached for utilitywide efforts	JEA	Ongoing
2297	Craig Creek	JEA-3	Manhole Linings Rehabilitated	Repair deteriorating manhole linings	No effort in 2015	JEA	Ongoing
2297	Craig Creek	JEA-214	ARV Inspection and Rehab	ARV inspection and rehab	No effort in 2015	JEA	Ongoing
2297	Craig Creek	JEA-6	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	See attached for utilitywide efforts	JEA	Ongoing
2297	Craig Creek	JEA-8	Pipe TV Inspection	Inspect existing infrastructure using closed-circuit television	568 feet of pipe inspected	JEA	Ongoing
2297	Craig Creek	JEA-9	Pipe Cleaning– JEA	Clean existing pipes to avoid blockages	1,135 feet of HDPE pipe cleaned; 981 feet of non-HDPE pipe cleaned	JEA	Ongoing
2297	Craig Creek	JEA-10	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing
2297	Craig Creek	JEA-11	Implement CMOM Program	CMOM Program	Ongoing	JEA	Ongoing
2297	Craig Creek	JEA-12	SSO Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2297	Craig Creek	JEA-13	Pop-Top Program	Pop-Top Program	8 manholes inspected	JEA	Ongoing
2297	Craig Creek	JEA-14	Non-Destructive Testing Program/Pipe Integrity Testing	Non-Destructive Testing Program/ pipe integrity testing	Ongoing	JEA	Ongoing
2257	McCoy Creek	JEA-18	Pipe Bursting – Increase Carrying Capacity	Replace failing/ leaking infrastructure	264 feet of HDPE pipe bursting	JEA	Ongoing
2257	McCoy Creek	JEA-19	CIPP – Install New Inner Lining	Rehabilitate failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	FUNDING SOURCE	PROJECT STATUS
2257	McCoy Creek	JEA-20	Open Cut – Removal and Replacement	Replace failing/ leaking infrastructure	See attached for utilitywide efforts	JEA	Ongoing
2257	McCoy Creek	JEA-21	Manhole Linings Rehabilitated	Repair deteriorating manhole linings	7 manholes relined	JEA	Ongoing
2257	McCoy Creek	JEA-22	ARV Inspection and Rehabilitation	ARV inspection and rehabilitation	No effort in 2015	JEA	Ongoing
2257	McCoy Creek	JEA-25	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	See attached for utilitywide efforts	JEA	Ongoing
2257	McCoy Creek	JEA-27	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing
2257	McCoy Creek	JEA-28	Pipe TV Inspection	Inspect existing infrastructure using closed-circuit television	4,106 feet of pipe inspected	JEA	Ongoing
2257	McCoy Creek	JEA-29	HDPE Pipe Cleaning – Contractor	Clean existing HDPE pipes to avoid blockages	32,741 feet of HDPE pipe cleaned	JEA	Ongoing
2257	McCoy Creek	JEA-30	Pipe Cleaning	Clean existing pipes to avoid blockages	14,848 feet of non-HDPE pipe cleaned	JEA	Ongoing
2257	McCoy Creek	JEA-31	Implement CMOM Program	CMOM Program	Ongoing	JEA	Ongoing
2257	McCoy Creek	JEA-32	SSO Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2257	McCoy Creek	JEA-33	Pop-Top Program	Pop-Top Program	235 manholes inspected	JEA	Ongoing
2257	McCoy Creek	JEA-34	Non-Destructive Testing Program/Pipe Integrity Testing	Non-Destructive Testing Program/ pipe integrity testing	Ongoing	JEA	Ongoing
2316	Williamson Creek	JEA-37	Pipe Bursting – Increase Carrying Capacity	Replace failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2316	Williamson Creek	JEA-38	CIPP – Install New Inner Lining	Rehabilitate failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2316	Williamson Creek	JEA-39	Manhole Linings Rehabilitated	Repair deteriorating manhole linings	No effort in 2015	JEA	Ongoing
2316	Williamson Creek	JEA-40	ARV Inspection and Rehabilitation	ARV inspection and rehabilitation	No effort in 2015	JEA	Ongoing
2316	Williamson Creek	JEA-215	Open Cut – Removal and Replacement	Replace failing/ leaking infrastructure	See attached for utilitywide efforts	JEA	Ongoing
2316	Williamson Creek	JEA-43	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	FUNDING SOURCE	PROJECT STATUS
2316	Williamson Creek	JEA-44	Pipe TV Inspection	Inspect existing infrastructure using closed-circuit television	185 feet of pipe inspected	JEA	Ongoing
2316	Williamson Creek	JEA-45	HDPE Pipe Cleaning – Contractor	Clean existing HDPE pipes to avoid blockages	10,526 feet of HDPE pipe cleaned	JEA	Ongoing
2316	Williamson Creek	JEA-46	Pipe Cleaning	Clean existing pipes to avoid blockages	3,626 feet of non-HDPE pipe cleaned	JEA	Ongoing
2316	Williamson Creek	JEA-47	Implement CMOM Program	CMOM Program	Ongoing	JEA	Ongoing
2316	Williamson Creek	JEA-48	Manhole Monitoring	Manhole monitoring	No effort in 2015	JEA	Ongoing
2316	Williamson Creek	JEA-49	SSO Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2316	Williamson Creek	JEA-50	Pop-Top Program	Pop-Top Program	72 manholes inspected	JEA	Ongoing
2316	Williamson Creek	JEA-51	Non-Destructive Testing Program/ Pipe Integrity Testing	Non-Destructive Testing Program/ pipe integrity testing	Ongoing	JEA	Ongoing
2324	Fishing Creek	JEA-55	Pipe Bursting – Increase Carrying Capacity	Replace failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2324	Fishing Creek	JEA-56	CIPP – Install New Inner Lining	Rehabilitate failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2324	Fishing Creek	JEA-57	Open Cut – Removal and Replacement	Replace failing/ leaking infrastructure	See attached for utilitywide efforts	JEA	Ongoing
2324	Fishing Creek	JEA-58	Manhole Linings Rehabilitated	Repair deteriorating manhole linings	No effort in 2015	JEA	Ongoing
2324	Fishing Creek	JEA-59	ARV Inspection and Rehabilitation	ARV inspection and rehabilitation	No effort in 2015	JEA	Ongoing
2324	Fishing Creek	JEA-62	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	See attached for utilitywide efforts	JEA	Ongoing
2324	Fishing Creek	JEA-65	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing
2324	Fishing Creek	JEA-66	Pipe TV Inspection	Inspect existing infrastructure using closed-circuit television	2,132 feet of pipe inspected	JEA	Ongoing
2324	Fishing Creek	JEA-209	High Density Polyethylene (HDPE) Pipe Cleaning – Contractor	Clean existing HDPE pipes to avoid blockages	No activity	JEA	Ongoing
2324	Fishing Creek	JEA-67	Pipe Cleaning	Clean existing pipes to avoid blockages	16,811 feet of non-HDPE pipe cleaned	JEA	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	FUNDING SOURCE	PROJECT STATUS
2324	Fishing Creek	JEA-68	Implement CMOM Program	CMOM Program	Ongoing	JEA	Ongoing
2324	Fishing Creek	JEA-69	Manhole Monitoring	Manhole monitoring	No effort in 2015	JEA	Ongoing
2324	Fishing Creek	JEA-70	SSO Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2324	Fishing Creek	JEA-71	Pop-Top Program	Pop-Top Program	96 manholes inspected	JEA	Ongoing
2324	Fishing Creek	JEA-72	Non-Destructive Testing Program/ Pipe Integrity Testing	Non-Destructive Testing Program/pipe integrity testing	Ongoing	JEA	Ongoing
2361	Deep Bottom Creek	JEA-73	Pipe Bursting – Increase Carrying Capacity	Replace failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2361	Deep Bottom Creek	JEA-199	Open Cut – Removal and Replacement	Replace failing/ leaking infrastructure	See attached for utilitywide efforts	JEA	Ongoing
2361	Deep Bottom Creek	JEA-74	Manhole Linings Rehabilitated	Repair deteriorating manhole linings	No effort in 2015	JEA	Ongoing
2361	Deep Bottom Creek	JEA-75	ARV Inspection and Rehabilitation	ARV inspection and rehabilitation	1 ARV inspected	JEA	Ongoing
2361	Deep Bottom Creek	JEA-200	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	See attached for utilitywide efforts	JEA	Ongoing
2361	Deep Bottom Creek	JEA-79	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing
2361	Deep Bottom Creek	JEA-80	Implement CMOM Program	CMOM Program	Ongoing	JEA	Ongoing
2361	Deep Bottom Creek	JEA-81	SSO Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2361	Deep Bottom Creek	JEA-82	Pop-Top Program	Pop-Top Program	No effort in 2015	JEA	Ongoing
2361	Deep Bottom Creek	JEA-83	Non-Destructive Testing Program/ Pipe Integrity Testing	Non-Destructive Testing Program/pipe integrity testing	Ongoing	JEA	Ongoing
2361	Deep Bottom Creek	JEA-201	Pipe Cleaning	Clean existing pipes to avoid blockages	No effort in 2015	JEA	Ongoing
2361	Deep Bottom Creek	JEA-202	Pipe TV Inspection	Inspect existing infrastructure using closed-circuit television	No effort in 2015	JEA	Ongoing
2228	Moncrief Creek	JEA-84	Pipe Bursting – Increase Carrying Capacity	Replace failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2228	Moncrief Creek	JEA-85	CIPP – Install New Inner Lining	Rehabilitate failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	FUNDING SOURCE	PROJECT STATUS
2228	Moncrief Creek	JEA-203	Open Cut – Removal and Replacement	Replace failing/ leaking infrastructure	See attached for utilitywide efforts	JEA	Ongoing
2228	Moncrief Creek	JEA-86	Manhole Linings Rehabilitated	Repair deteriorating manhole linings	1 manhole relined	JEA	Ongoing
2228	Moncrief Creek	JEA-87	ARV Inspection and Rehabilitation	ARV inspection and rehabilitation	No effort in 2015	JEA	Ongoing
2228	Moncrief Creek	JEA-212	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	See attached for utilitywide efforts	JEA	Ongoing
2228	Moncrief Creek	JEA-92	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing
2228	Moncrief Creek	JEA-93	HDPE Pipe Cleaning – Contractor	Clean existing HDPE pipes to avoid blockages	13,119 feet of HDPE pipe cleaned	JEA	Ongoing
2228	Moncrief Creek	JEA-94	Pipe TV Inspection	Inspect existing infrastructure using closed-circuit television	No effort in 2015	JEA	Ongoing
2228	Moncrief Creek	JEA-95	Pipe Cleaning	Clean existing pipes to avoid blockages	22,606 feet of non-HDPE pipe cleaned	JEA	Ongoing
2228	Moncrief Creek	JEA-96	Implement CMOM Program	CMOM Program	Ongoing	JEA	Ongoing
2228	Moncrief Creek	JEA-97	Manhole Monitoring	Manhole monitoring	No effort in 2015	JEA	Ongoing
2228	Moncrief Creek	JEA-98	SSO Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2228	Moncrief Creek	JEA-99	Pop-Top Program	Pop-Top Program	154 manholes inspected	JEA	Ongoing
2228	Moncrief Creek	JEA-100	Non-Destructive Testing Program/ Pipe Integrity Testing	Non-Destructive Testing Program/ pipe integrity testing	Ongoing	JEA	Ongoing
2228	Moncrief Creek	JEA-223	Open Cut – Removal and Replacement	Replace failing/ leaking infrastructure	Ongoing	JEA	Ongoing
2228	Moncrief Creek	JEA-224	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	Ongoing	JEA	Ongoing
2228	Moncrief Creek	JEA-225	Open Cut – Removal and Replacement	Replace failing/ leaking infrastructure	Ongoing	JEA	Ongoing
2228	Moncrief Creek	JEA-226	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	Ongoing	JEA	Ongoing
2207	Blockhouse Creek	JEA-101	Pipe Bursting – Increase Carrying Capacity	Replace failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2207	Blockhouse Creek	JEA-102	Manhole Linings Rehabilitated	Repair deteriorating manhole linings	No effort in 2015	JEA	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	FUNDING SOURCE	PROJECT STATUS
2207	Blockhouse Creek	JEA-103	ARV Inspection and Rehabilitation	ARV inspection and rehabilitation	No effort in 2015	JEA	Ongoing
2207	Blockhouse Creek	JEA-107	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing
2207	Blockhouse Creek	JEA-108	Pipe TV Inspection	Inspect existing infrastructure using closed-circuit television	170,216.162 feet of pipe inspected	JEA	Ongoing
2207	Blockhouse Creek	JEA-109	Pipe Cleaning	Clean existing pipes to avoid blockages	No effort in 2015	JEA	Ongoing
2207	Blockhouse Creek	JEA-110	Implement CMOM Program	CMOM Program	Ongoing	JEA	Ongoing
2207	Blockhouse Creek	JEA-111	SSO Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2207	Blockhouse Creek	JEA-112	Pop-Top Program	Pop-Top Program	No effort in 2015	JEA	Ongoing
2207	Blockhouse Creek	JEA-113	Non-Destructive Testing Program/ Pipe Integrity Testing	Non-Destructive Testing Program/ pipe integrity testing	Ongoing	JEA	Ongoing
2381	Cormorant Branch	JEA-114	Pipe Bursting – Increase Carrying Capacity	Replace failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2381	Cormorant Branch	JEA-115	Manhole Linings Rehabilitated	Repair deteriorating manhole linings	1 manhole relined	JEA	Ongoing
2381	Cormorant Branch	JEA-216	ARV Inspection and Rehabilitation	ARV inspection and rehabilitation	1 ARV inspected	JEA	Ongoing
2381	Cormorant Branch	JEA-222	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	See attached for utilitywide efforts	JEA	Ongoing
2381	Cormorant Branch	JEA-120	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing
2381	Cormorant Branch	JEA-121	Pipe TV Inspection	Inspect existing infrastructure using closed-circuit television	368 feet of pipe inspected	JEA	Ongoing
2381	Cormorant Branch	JEA-122	Pipe Cleaning	Clean existing pipes to avoid blockages	758 feet of HDPE pipe cleaned; 11,203 feet of non-HDPE pipe cleaned	JEA	Ongoing
2381	Cormorant Branch	JEA-123	Implement CMOM Program	CMOM Program	Ongoing	JEA	Ongoing
2381	Cormorant Branch	JEA-124	SSO Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2381	Cormorant Branch	JEA-125	Pop-Top Program	Pop-Top Program	22 manholes inspected	JEA	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	FUNDING SOURCE	PROJECT STATUS
2381	Cormorant Branch	JEA-126	Non-Destructive Testing Program/ Pipe Integrity Testing	Non-Destructive Testing Program/ pipe integrity testing	Ongoing	JEA	Ongoing
2282	Wills Branch	JEA-127	Pipe Bursting – Increase Carrying Capacity	Replace failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2282	Wills Branch	JEA-204	Open Cut – Removal and Replacement	Replace failing/ leaking infrastructure	See attached for utilitywide efforts	JEA	Ongoing
2282	Wills Branch	JEA-217	CIPP – Install New Inner Lining	Rehabilitate failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2282	Wills Branch	JEA-128	Manhole Linings Rehabilitated	Repair deteriorating manhole linings	No effort in 2015	JEA	Ongoing
2282	Wills Branch	JEA-129	ARV Inspection and Rehabilitation	ARV inspection and rehabilitation	No effort in 2015	JEA	Ongoing
2282	Wills Branch	JEA-205	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	See attached for utilitywide efforts	JEA	Ongoing
2282	Wills Branch	JEA-134	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing
2282	Wills Branch	JEA-135	Pipe TV Inspection	Inspect existing infrastructure using closed-circuit television	1,982 feet of pipe inspected	JEA	Ongoing
2282	Wills Branch	JEA-136	Pipe Cleaning	Clean existing pipes to avoid blockages	2,873 feet of HDPE pipe cleaned; 8,330 feet of non- HDPE pipe cleaned	JEA	Ongoing
2282	Wills Branch	JEA-137	Implement CMOM Program	CMOM Program	Ongoing	JEA	Ongoing
2282	Wills Branch	JEA-138	Manhole Monitoring	Manhole monitoring	No effort in 2015	JEA	Ongoing
2282	Wills Branch	JEA-139	SSO Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2282	Wills Branch	JEA-140	Pop-Top Program	Pop-Top Program	60 manholes inspected	JEA	Ongoing
2282	Wills Branch	JEA-141	Non-Destructive Testing Program/ Pipe Integrity Testing	Non-Destructive Testing Program/ pipe integrity testing	Ongoing	JEA	Ongoing
2240	Greenfield Creek	JEA-142	Pipe Bursting – Increase Carrying Capacity	Replace failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2240	Greenfield Creek	JEA-210	CIPP – Install New Inner Lining	Rehabilitate failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	FUNDING SOURCE	PROJECT STATUS
2240	Greenfield Creek	JEA-143	Manhole Linings Rehabilitated	Repair deteriorating manhole linings	No effort in 2015	JEA	Ongoing
2240	Greenfield Creek	JEA-144	ARV Inspection and Rehabilitation	ARV inspection and rehabilitation	No effort in 2015	JEA	Ongoing
2240	Greenfield Creek	JEA-149	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	See attached for utilitywide efforts	JEA	Ongoing
2240	Greenfield Creek	JEA-150	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing
2240	Greenfield Creek	JEA-151	Pipe TV Inspection	Inspect existing infrastructure using closed-circuit television	No effort in 2015	JEA	Ongoing
2240	Greenfield Creek	JEA-152	Pipe Cleaning	Clean existing pipes to avoid blockages	610 feet of non-HDPE pipe cleaned	JEA	Ongoing
2240	Greenfield Creek	JEA-153	Implement CMOM Program	CMOM Program	Ongoing	JEA	Ongoing
2240	Greenfield Creek	JEA-154	SSO Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2240	Greenfield Creek	JEA-155	Pop-Top Program	Pop-Top Program	12 manholes inspected	JEA	Ongoing
2240	Greenfield Creek	JEA-156	Non-Destructive Testing Program/ Pipe Integrity Testing	Non-Destructive Testing Program/ pipe integrity testing	Ongoing	JEA	Ongoing
2240	Greenfield Creek	JEA-227	CIPP – Install New Inner Lining	Rehabilitate failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2240	Greenfield Creek	JEA-228	CIPP – Install New Inner Lining	Rehabilitate failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2265B	Pottsburg Creek	JEA-157	Pipe Bursting – Increase Carrying Capacity	Replace failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2265B	Pottsburg Creek	JEA-206	Open Cut – Removal and Replacement	Replace failing/ leaking infrastructure	See attached for utilitywide efforts	JEA	Ongoing
2265B	Pottsburg Creek	JEA-219	CIPP – Install New Inner Lining	Rehabilitate failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2265B	Pottsburg Creek	JEA-158	Manhole Linings Rehabilitated	Repair deteriorating manhole linings	2 manholes relined	JEA	Ongoing
2265B	Pottsburg Creek	JEA-159	ARV Inspection and Rehabilitation	ARV inspection and rehabilitation	No effort in 2015	JEA	Ongoing
2265B	Pottsburg Creek	JEA-213	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	See attached for utilitywide efforts	JEA	Ongoing
2265B	Pottsburg Creek	JEA-164	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	FUNDING SOURCE	PROJECT STATUS
2265B	Pottsburg Creek	JEA-165	Pipe TV Inspection	Inspect existing infrastructure using closed-circuit television	No effort in 2015	JEA	Ongoing
2265B	Pottsburg Creek	JEA-166	Pipe Cleaning	Clean existing pipes to avoid blockages	3,023 feet of non-HDPE pipe cleaned	JEA	Ongoing
2265B	Pottsburg Creek	JEA-167	Implement CMOM Program	CMOM Program	Ongoing	JEA	Ongoing
2265B	Pottsburg Creek	JEA-168	SSO Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2265B	Pottsburg Creek	JEA-169	Pop-Top Program	Pop-Top Program	31 manholes inspected	JEA	Ongoing
2265B	Pottsburg Creek	JEA-170	Non-Destructive Testing Program/ Pipe Integrity Testing	Non-Destructive Testing Program/ pipe integrity testing	Ongoing	JEA	Ongoing
2265B	Pottsburg Creek	JEA-229	Open Cut – Removal and Replacement	Replace failing/ leaking infrastructure	See attached for utilitywide efforts	JEA	Ongoing
2265B	Pottsburg Creek	JEA-230	CIPP – Install New Inner Lining	Rehabilitate failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2265B	Pottsburg Creek	JEA-231	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	See attached for utilitywide efforts	JEA	Ongoing
2265B	Pottsburg Creek	JEA-232	Open Cut – Removal and Replacement	Replace failing/leaking infrastructure	See attached for utilitywide efforts	JEA	Ongoing
2265B	Pottsburg Creek	JEA-233	CIPP – Install New Inner Lining	Rehabilitate failing/leaking infrastructure	No effort in 2015	JEA	Ongoing
2265B	Pottsburg Creek	JEA-234	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	See attached for utilitywide efforts	JEA	Ongoing
2203	Middle Trout River	JEA-171	Manhole Linings Rehabilitated	Repair deteriorating manhole linings	1 manhole relined	JEA	Ongoing
2203	Middle Trout River	JEA-172	ARV Inspection and Rehabilitation	ARV inspection and rehabilitation	No effort in 2015	JEA	Ongoing
2203	Middle Trout River	JEA-219	Open Cut – Removal and Replacement	Replace failing/ leaking infrastructure	See attached for utilitywide efforts	JEA	Ongoing
2203	Middle Trout River	JEA-175	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	See attached for utilitywide efforts	JEA	Ongoing
2203	Middle Trout River	JEA-178	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing
2203	Middle Trout River	JEA-179	Pipe TV Inspection	Inspect existing infrastructure using closed-circuit television	No effort in 2015	JEA	Ongoing
2203	Middle Trout River	JEA-181	HDPE Pipe Cleaning – Contractor	Clean existing HDPE pipes to avoid blockages	No effort in 2015	JEA	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	FUNDING SOURCE	PROJECT STATUS
2203	Middle Trout River	JEA-182	Pipe Cleaning	Clean existing pipes to avoid blockages	No effort in 2015	JEA	Ongoing
2203	Middle Trout River	JEA-183	Implement CMOM Program	CMOM Program	Ongoing	JEA	Ongoing
2203	Middle Trout River	JEA-184	SSO Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2203	Middle Trout River	JEA-185	Pop-Top Program	Pop-Top Program	1 manhole inspected	JEA	Ongoing
2203	Middle Trout River	JEA-186	Non-Destructive Testing Program/ Pipe Integrity Testing	Non-Destructive Testing Program/ pipe integrity testing	Ongoing	JEA	Ongoing
2203A	Lower Trout River	JEA-187	Manhole Linings Rehabilitated	Repair deteriorating manhole linings	2 manholes relined	JEA	Ongoing
2203A	Lower Trout River	JEA-220	Pipe Bursting – Increase Carrying Capacity	Replace failing/ leaking infrastructure	No effort in 2015	JEA	Ongoing
2203A	Lower Trout River	JEA-221	ARV Inspection and Rehabilitation	ARV inspection and rehabilitation	No effort in 2015	JEA	Ongoing
2203A	Lower Trout River	JEA-190	Pump Station Class I/II Rebuilding	Repair or replace components of existing pump stations	See attached for utilitywide efforts	JEA	Ongoing
2203A	Lower Trout River	JEA-193	FOG Reduction Program	FOG Reduction Program	Ongoing	JEA	Ongoing
2203A	Lower Trout River	JEA-194	Implement CMOM Program	CMOM Program	Ongoing	JEA	Ongoing
2203A	Lower Trout River	JEA-195	SSO Root Cause Program	SSO Root Cause Program	Ongoing	JEA	Ongoing
2203A	Lower Trout River	JEA-196	Pop-Top Program	Pop-Top Program	204 manholes inspected	JEA	Ongoing
2203A	Lower Trout River	JEA-197	Non-Destructive Testing Program/ Pipe Integrity Testing	Non-Destructive Testing Program/ pipe integrity testing	Ongoing	JEA	Ongoing
2203A	Lower Trout River	JEA-207	Pipe Cleaning	Clean existing pipes to avoid blockages	9,529 feet of non-HDPE pipe cleaned	JEA	Ongoing
2203A	Lower Trout River	JEA-208	Pipe TV Inspection	Inspect existing infrastructure using closed-circuit television	No activity	JEA	Ongoing
2203A	Lower Trout River	JEA-211	HDPE Pipe Cleaning – Contractor	Clean existing HDPE pipes to avoid blockages	28,469 feet of HDPE pipe cleaned	JEA	Ongoing

TABLE B-2: FDOH PROJECT LIST

FDOH's reporting period is January 1 through December 31.

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
Countywide	Countywide	FDOH-79	Participate in TAT Calls and Efforts	Continue participation in TAT coordination calls and other TAT efforts	Ongoing	Unknown	FDOH	Ongoing
Countywide	Countywide	FDOH-80	Source Identification Follow-Up	Assist DEP in following up on source identification results that indicate human source	Ongoing	Unknown	FDOH	Ongoing
Countywide	Countywide	FDOH-81	Walk the WBID Follow-Up	Address any action items identified as result of 2014 Walk the WBID	Ongoing	Unknown	FDOH	Ongoing
Countywide	Countywide	FDOH-82	Department of Business and Professional Regulation (DBPR) reporting as appropriate	Develop inspection program for dumpster areas and behind restaurants, convenience stores, and grocery stores	Ongoing	Unknown	FDOH	Ongoing
2235	Newcastle Creek	FDOH-1	On-Site Sewage Treatment and Disposal System (OSTDS) Program	Implementation of programs to address septic systems as potential sources	3 repair permits	\$1,500	FDOH	Ongoing
2235	Newcastle Creek	FDOH-77	Annual Operating Permits	Annual operating permits issued for performance-based treatment systems (PBTS), systems located in industrial/ manufacturing zones (IMZ), and commercial systems	1 annual operating permit issued for IMZ in WBID	\$200	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2235	Newcastle Creek	FDOH-3	FDOH-Sponsored Training Programs	Annual training programs held for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing
2235	Newcastle Creek	FDOH-4	Application/ Plan Review/ Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	3 plan reviews and site evaluations performed in WBID	\$600	FDOH	Ongoing
2235	Newcastle Creek	FDOH-5	Septic Tank Failure Area Ranking	Septic tank failure area scored and prioritized on annual basis	Less than 1 year since previous update	Not applicable	Not applicable	Ongoing
2235	Newcastle Creek	FDOH-6	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	No complaint investigations performed in WBID	Not applicable	FDOH	Ongoing
2252	Hogan Creek	FDOH-7	OSTDS Program	Implementation of programs to address septic systems as potential sources	2 abandonment permits issued in WBID	\$200	FDOH	Ongoing
2252	Hogan Creek	FDOH-8	Annual Operating Permits	Annual operating permits issued for PBTS, systems located in IMZ, and commercial systems	1 annual operating permit issued in WBID	\$200	FDOH	Ongoing
2252	Hogan Creek	FDOH-9	FDOH-Sponsored Training Programs	Annual training programs held for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2252	Hogan Creek	FDOH-10	Application/ Plan Review/ Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	No plan reviews or site evaluations performed in WBID	Not applicable	FDOH	Ongoing
2252	Hogan Creek	FDOH-11	Septic Tank Failure Area Ranking	Septic tank failure area scored and prioritized on annual basis	Less than 1 year since previous update	Not applicable	Not applicable	Ongoing
2252	Hogan Creek	FDOH-12	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	1 complaint investigation performed in WBID	\$150	FDOH	Ongoing
2322	Butcher Pen Creek	FDOH-13	OSTDS Program	Implementation of programs to address septic systems as potential sources	1 abandonment permit issued	\$100	FDOH	Ongoing
2322	Butcher Pen Creek	FDOH-14	Annual Operating Permits	Annual operating permits issued for PBTS, systems located in IMZ, and commercial systems	2 annual operating permits issued for PBTS/IMZ in WBID	\$400	FDOH	Ongoing
2322	Butcher Pen Creek	FDOH-16	FDOH-Sponsored Training Programs	Annual training programs held for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2322	Butcher Pen Creek	FDOH-17	Application/ Plan Review/ Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	No plan reviews or site evaluations performed in WBID	Not applicable	FDOH	Ongoing
2322	Butcher Pen Creek	FDOH-18	Septic Tank Failure Area Ranking	Septic tank failure area scored and prioritized on annual basis	Less than 1 year since previous update	Not applicable	Not applicable	Ongoing
2322	Butcher Pen Creek	FDOH-19	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	No complaint investigations performed in WBID	Not applicable	FDOH	Ongoing
2287	Miller Creek	FDOH-20	OSTDS Program	Implementation of programs to address septic systems as potential sources	3 repair permits issued in WBID	\$1,500	FDOH	Ongoing
2287	Miller Creek	FDOH-21	Annual Operating Permits	Annual operating permits issued for PBTS, systems located in IMZ, and commercial systems	3 operating permits issued for PBTS/IMZ in WBID	\$600	FDOH	Ongoing
2287	Miller Creek	FDOH-23	FDOH-Sponsored Training Programs	Annual training programs held for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2287	Miller Creek	FDOH-24	Application/Plan Review/ Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	3 plan reviews and site evaluations performed in WBID	\$600	FDOH	Ongoing
2287	Miller Creek	FDOH-25	Septic Tank Failure Area Ranking	Septic tank failure area scored and prioritized on an annual basis	Less than 1 year since previous update	Not applicable	Not applicable	Ongoing
2287	Miller Creek	FDOH-26	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	1 complaint investigation performed in WBID	\$150	FDOH	Ongoing
2304	Miramar Creek	FDOH-28	OSTDS Program	Implementation of programs to address septic systems as potential sources	5 new, 9 repair, and 5 abandonment permits issued	\$7,500	FDOH	Ongoing
2304	Miramar Creek	FDOH-29	Annual Operating Permits	Annual operating permits issued for PBTS, systems located in IMZ, and commercial systems	13 annual operating permits issued for PBTS/IMZ in WBID	\$4,500	FDOH	Ongoing
2304	Miramar Creek	FDOH-31	FDOH-Sponsored Training Programs	Annual training programs held for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2304	Miramar Creek	FDOH-32	Application/ Plan Review/ Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	14 plan reviews and site evaluations performed in WBID	\$2,800	FDOH	Ongoing
2304	Miramar Creek	FDOH-33	Septic Tank Failure Area Ranking	Septic tank failure area scored and prioritized on annual basis	Less than 1 year since previous update	Not applicable	Not applicable	Ongoing
2304	Miramar Creek	FDOH-34	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	No complaint investigations performed in WBID	Not applicable	FDOH	Ongoing
2280	Big Fishweir Creek	FDOH-37	OSTDS Program	Implementation of programs to address septic systems as potential sources	4 new, 4 repair, and 11 abandonment permits issued	\$5,100	FDOH	Ongoing
2280	Big Fishweir Creek	FDOH-38	Annual Operating Permits	Annual operating permits issued for PBTS, systems located in IMZ, and commercial systems	32 annual operating permits issued for PBTS/IMZ in WBID	\$8,000	FDOH	Ongoing
2280	Big Fishweir Creek	FDOH -40	FDOH-Sponsored Training Programs	Annual training programs held for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2280	Big Fishweir Creek	FDOH-41	Application/ Plan Review/ Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	8 plan reviews and site evaluations performed in WBID	\$1,600	FDOH	Ongoing
2280	Big Fishweir Creek	FDOH-42	Septic Tank Failure Area Ranking	Septic tank failure area scored and prioritized on annual basis	Less than 1 year since previous update	Not applicable	Not applicable	Ongoing
2280	Big Fishweir Creek	FDOH-43	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	3 complaints investigated in WBID	\$450	FDOH	Ongoing
2256	Deer Creek	FDOH-45	OSTDS Program	Implementation of programs to address septic systems as potential sources	No permits issued in WBID	Not applicable	FDOH	Ongoing
2256	Deer Creek	FDOH-78	Annual Operating Permits	Annual operating permits issued for PBTS, systems located in IMZ, and commercial systems	2 annual operating permits issued for PBTS/IMZ in WBID	\$700	FDOH	Ongoing
2256	Deer Creek	FDOH-46	FDOH-Sponsored Training Programs	Annual training programs held for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2256	Deer Creek	FDOH-47	Application/ Plan Review/ Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	No plan reviews or site evaluations performed in WBID	Not applicable	FDOH	Ongoing
2256	Deer Creek	FDOH-48	Septic Tank Failure Area Ranking	Septic tank failure area scored and prioritized on annual basis	Less than 1 year since previous update	Not applicable	Not applicable	Ongoing
2256	Deer Creek	FDOH-49	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	No complaints investigated in WBID	Not applicable	FDOH	Ongoing
2204	Terrapin Creek	FDOH-50	OSTDS Program	Implementation of programs to address septic systems as potential sources	No permits issued in WBID	Not applicable	FDOH	Ongoing
2204	Terrapin Creek	FDOH-51	Annual Operating Permits	Annual operating permits issued for PBTS, systems located in IMZ, and commercial systems	8 annual operating permits issued for PBTS/IMZ in WBID	\$2,800	FDOH	Ongoing
2204	Terrapin Creek	FDOH-52	FDOH-Sponsored Training Programs	Annual training programs held for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2204	Terrapin Creek	FDOH-53	Application/ Plan Review/ Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	No plan review or site evaluation performed in WBID	Not applicable	FDOH	Ongoing
2204	Terrapin Creek	FDOH-54	Septic Tank Failure Area Ranking	Septic tank failure area scored and prioritized on annual basis	Less than 1 year since previous update	Not applicable	Not applicable	Ongoing
2204	Terrapin Creek	FDOH-55	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	No complaints investigated in WBID	Not applicable	FDOH	Ongoing
2326	Goodbys Creek	FDOH-56	OSTDS Program	Implementation of programs to address septic systems as potential sources	2 abandonment permits issued	\$200	FDOH	Ongoing
2326	Goodbys Creek	FDOH-57	Annual Operating Permits	Annual operating permits issued for PBTS, systems located in IMZ, and commercial systems	13 annual operating permits for PBTS/IMZ located in WBID	\$4,500	FDOH	Ongoing
2326	Goodbys Creek	FDOH-59	FDOH-Sponsored Training Programs	Annual training programs held for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	Not applicable	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2326	Goodbys Creek	FDOH-60	Application/ Plan Review/Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	No plan reviews or site evaluations performed in WBID	Not applicable	FDOH	Ongoing
2326	Goodbys Creek	FDOH-61	Septic Tank Failure Area Ranking	Septic tank failure area scored and prioritized on annual basis	Less than 1 year since previous update	Not applicable	Not applicable	Ongoing
2326	Goodbys Creek	FDOH-62	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	No complaint investigations performed in WBID	Not applicable	FDOH	Ongoing
2299	Open Creek	FDOH-65	OSTDS Program	Implementation of programs to address septic systems as potential sources	No construction permits issued in WBID	Not applicable	FDOH	Ongoing
2299	Open Creek	FDOH-66	Annual Operating Permits	Annual operating permits issued for PBTS, systems located in IMZ, and commercial systems	2 annual operating permits for PBTS/IMZ located in WBID	\$700	FDOH	Ongoing
2299	Open Creek	FDOH-67	FDOH-Sponsored Training Programs	Annual training programs held for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2299	Open Creek	FDOH-68	Application/ Plan Review/ Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	No plan review or site evaluation performed in WBID	Not applicable	FDOH	Ongoing
2299	Open Creek	FDOH-69	Septic Tank Failure Area Ranking	Septic tank failure area scored and prioritized on annual basis	Less than 2 years since previous update	Not applicable	Not applicable	Ongoing
2299	Open Creek	FDOH-70	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	No complaints received in WBID	Not applicable	FDOH	Ongoing
2297	Craig Creek	FDOH-1	OSTDS Program	Implement programs to address septic systems as potential sources	3 repair and 1 abandonment permits issued	\$2,000	FDOH	Ongoing
2297	Craig Creek	FDOH-2	Annual Operating Permits	Issue annual operating permits for PBTS, systems located in IMZ, and commercial systems	2 annual operating permits issued for IMZ property	\$700	FDOH	Ongoing
2297	Craig Creek	FDOH-3	Surface Water Improvement and Management (SWIM) Project	Implement broad-ranging septic tank ordinance	9.4% of Emerson Failure Area and 19.6% of Freeman/Inwood Failure Area located in WBID	Not applicable	FDOH	Ongoing
2297	Craig Creek	FDOH-4	FDOH-Sponsored Training Programs	Hold annual training programs for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2297	Craig Creek	FDOH-5	Application/ Plan Review/ Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	3 plan reviews and site evaluations performed	\$600	FDOH	Ongoing
2297	Craig Creek	FDOH-6	Septic Tank Failure Area Ranking	Score and prioritize septic tank failure areas annually	Less than 1 year since previous update	Not applicable	FDOH	Ongoing
2297	Craig Creek	FDOH-7	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	No complaint investigations performed in WBID	Not applicable	FDOH	Ongoing
2257	McCoy Creek	FDOH-8	OSTDS Program	Implement programs to address septic systems as potential sources	2 abandonment permits issued	\$200	FDOH	Ongoing
2257	McCoy Creek	FDOH-9	Annual Operating Permits	Issue annual operating permits for PBTS, systems located in IMZ, and commercial systems	3 annual operating permits issued for IMZ and commercial properties	\$1,000	FDOH	Ongoing
2257	McCoy Creek	FDOH-10	FDOH-Sponsored Training Programs	Hold annual training programs for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing
2257	McCoy Creek	FDOH-11	Application/ Plan Review/ Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	No plan reviews or site evaluations performed	Not applicable	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2257	McCoy Creek	FDOH-12	Septic Tank Failure Area Ranking	Score and prioritize septic tank failure areas annually	Less than 1 year since previous update	Not applicable	FDOH	Ongoing
2257	McCoy Creek	FDOH-13	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	3 complaints investigated in WBID	\$450	FDOH	Ongoing
2316	Williamson Creek	FDOH-14	OSTDS Program	Implement programs to address septic systems as potential sources	1 abandonment permit issued	\$100	FDOH	Ongoing
2316	Williamson Creek	FDOH-15	Annual Operating Permits	Issue annual operating permits for PBTS, systems located in IMZs, and commercial systems	2 annual operating permits issued for IMZ and/or commercial properties	\$700	FDOH	Ongoing
2316	Williamson Creek	FDOH-16	SWIM Project	Implement broad-ranging septic tank ordinance	25.6% of Cedar Creek Failure Area is located in WBID	Not applicable	FDOH	Ongoing
2316	Williamson Creek	FDOH-17	FDOH-Sponsored Training Programs	Hold annual training programs for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing
2316	Williamson Creek	FDOH-18	Application/ Plan Review/ Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	No plan reviews or site evaluations performed	Not applicable	FDOH	Ongoing
2316	Williamson Creek	FDOH-19	Septic Tank Failure Area Ranking	Score and prioritize septic tank failure areas annually	Less than 1 year since previous update	Not applicable	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2316	Williamson Creek	FDOH-20	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	No complaint investigations performed	Not applicable	FDOH	Ongoing
2324	Fishing Creek	FDOH-21	OSTDS Program	Implement programs to address septic systems as potential sources	3 new construction, 3 repair, and 2 existing system permits issued	\$3,500	FDOH	Ongoing
2324	Fishing Creek	FDOH-22	SWIM Project	Implement broad-ranging septic tank ordinance	100% of Pernecia Failure Area is located in WBID	Not applicable	FDOH	Ongoing
2324	Fishing Creek	FDOH-23	Annual Operating Permits	Issue annual operating permits for PBTS, systems located in IMZ, and commercial systems	23 annual operating permits issued for IMZ/ commercial properties; 1 PBTS monitored annually	\$9,250	FDOH	Ongoing
2324	Fishing Creek	FDOH-24	FDOH-Sponsored Training Programs	Hold annual training programs for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing
2324	Fishing Creek	FDOH-25	Application/ Plan Review/ Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	8 plan reviews and site evaluations performed	\$1,600	FDOH	Ongoing
2324	Fishing Creek	FDOH-26	Septic Tank Failure Area Ranking	Score and prioritize septic tank failure areas annually	Less than 1 year since previous update	Not applicable	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2324	Fishing Creek	FDOH-27	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	No complaint investigations performed	Not applicable	FDOH	Ongoing
2361	Deep Bottom Creek	FDOH-29	OSTDS Program	Implement programs to address septic systems as potential sources	1 repair and 4 abandonment permits issued	\$1,500	FDOH	Ongoing
2361	Deep Bottom Creek	FDOH-30	SWIM Project	Implement broad-ranging septic tank ordinance	40% of Scott Mill Hill Septic Tank Failure Area located in WBID	Not applicable	FDOH	Ongoing
2361	Deep Bottom Creek	FDOH-31	FDOH-Sponsored Training Programs	Hold annual training programs for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing
2361	Deep Bottom Creek	FDOH-32	Application/Plan Review/Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	1 plan review and site evaluation performed	\$200	FDOH	Ongoing
2361	Deep Bottom Creek	FDOH-33	Septic Tank Failure Area Ranking	Score and prioritize septic tank failure areas annually	Less than 1 year since previous update	Not applicable	FDOH	Ongoing
2361	Deep Bottom Creek	FDOH-34	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	No complaints investigated	Not applicable	FDOH/LSJR SWIM Grant	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2228	Moncrief Creek	FDOH-35	OSTDS Program	Implement programs to address septic systems as potential sources	6 repair and 12 abandonment permits issued	\$4,200	FDOH	Ongoing
2228	Moncrief Creek	FDOH-36	Annual Operating Permits	Issue annual operating permits for PBTS, systems located in IMZ, and commercial systems	8 annual operating permits issued for IMZ/commercial properties	\$2,800	FDOH	Ongoing
2228	Moncrief Creek	FDOH-37	SWIM Project	Implement broad-ranging septic tank ordinance	77.28% of Royal Terrace and 62.97% of Christobel Failure Areas, as well as 22% of former Lake Forest Nuisance Area, are located in WBID	Not applicable	FDOH	Ongoing
2228	Moncrief Creek	FDOH-38	FDOH-Sponsored Training Programs	Hold annual training programs for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing
2228	Moncrief Creek	FDOH-39	Application/Plan Review/Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	6 plan reviews and site evaluations performed	\$1,200	FDOH	Ongoing
2228	Moncrief Creek	FDOH-40	Septic Tank Failure Area Ranking	Score and prioritize septic tank failure areas annually	Less than 1 year since previous update	Not applicable	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2228	Moncrief Creek	FDOH-41	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	1 complaint investigated	\$200	FDOH	Ongoing
2207	Blockhouse Creek	FDOH-43	OSTDS Program	Implement programs to address septic systems as potential sources	4 repair, 1 abandonment, and 1 existing system permits issued	\$2,700	FDOH	Ongoing
2207	Blockhouse Creek	FDOH-44	Annual Operating Permits	Issue annual operating permits for PBTS, systems located in IMZ, and commercial systems	14 annual operating permits issued for IMZ/commercial properties	\$4,900	FDOH	Ongoing
2207	Blockhouse Creek	FDOH-45	FDOH-Sponsored Training Programs	Hold annual training programs for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing
2207	Blockhouse Creek	FDOH-46	Application/Plan Review/Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	5 plan reviews and site evaluations performed	\$1,000	FDOH	Ongoing
2207	Blockhouse Creek	FDOH-47	Septic Tank Failure Area Ranking	Score and prioritize septic tank failure areas annually	Less than 1 year since previous update	Not applicable	FDOH	Ongoing
2207	Blockhouse Creek	FDOH-48	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	No complaints investigated in WBID	Not applicable	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2266	Hopkins Creek	FDOH-50	OSTDS Program	Implement programs to address septic systems as potential sources	1 repair and 2 abandonment permits issued	\$700	FDOH	Ongoing
2266	Hopkins Creek	FDOH-51	Annual Operating Permits	Issue annual operating permits for PBTS, systems located in IMZ, and commercial systems	No annual operating permit issued for IMZ property	Not applicable	FDOH	Ongoing
2266	Hopkins Creek	FDOH-52	FDOH-Sponsored Training Programs	Hold annual training programs for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing
2266	Hopkins Creek	FDOH-53	Application/ Plan Review/ Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	1 plan review and site evaluation performed	\$200	FDOH	Ongoing
2266	Hopkins Creek	FDOH-54	Septic Tank Failure Area Ranking	Score and prioritize septic tank failure areas annually	Less than 1 year since previous update	Not applicable	FDOH	Ongoing
2266	Hopkins Creek	FDOH-55	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	No complaints investigated in WBID	Not applicable	FDOH	Ongoing
2381	Cormorant Branch	FDOH-57	OSTDS Program	Implement programs to address septic systems as potential sources	1 new and 5 repair permits issued	\$3,000	FDOH	Ongoing
2381	Cormorant Branch	FDOH-58	SWIM Project	Implement broad-ranging septic tank ordinance	50.40% of Julington Hills Septic Tank Failure Area is located in WBID	Not applicable	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2381	Cormorant Branch	FDOH-59	FDOH-Sponsored Training Programs	Hold annual training programs for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing
2381	Cormorant Branch	FDOH-60	Application/ Plan Review/ Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	6 plan reviews and site evaluations performed	\$1,200	FDOH	Ongoing
2381	Cormorant Branch	FDOH-61	Septic Tank Failure Area Ranking	Score and prioritize septic tank failure areas annually	Less than 1 year since previous update	Not applicable	FDOH	Ongoing
2381	Cormorant Branch	FDOH-62	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	No complaints investigated	Not applicable	FDOH	Ongoing
2282	Wills Branch	FDOH-63	OSTDS Program	Implement programs to address septic systems as potential sources	1 new construction, 1 repair, 2 abandonment, and 1 existing system permits issued	\$1,700	FDOH	Ongoing
2282	Wills Branch	FDOH-64	Annual Operating Permits	Issue annual operating permits for PBTS, systems located in IMZ, and commercial systems	11 annual operating permits issued for IMZ/commercial properties	\$3,800	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2282	Wills Branch	FDOH-65	FDOH-Sponsored Training Programs	Hold annual training programs for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing
2282	Wills Branch	FDOH-66	Application/ Plan Review/ Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	3 plan reviews and site evaluations	\$600	FDOH	Ongoing
2282	Wills Branch	FDOH-67	Septic Tank Failure Area Ranking	Score and prioritize septic tank failure areas annually	Less than 1 year since previous update	Not applicable	FDOH	Ongoing
2282	Wills Branch	FDOH-68	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations.	No complaints investigated in WBID	Not applicable	FDOH	Ongoing
2227	Sherman Creek	FDOH-70	OSTDS Program	Implement programs to address septic systems as potential sources	3 abandonment permits issued	\$600	FDOH	Ongoing
2227	Sherman Creek	FDOH-71	Annual Operating Permits	Issue annual operating permits for PBTS, systems located in IMZ, and commercial systems	3 annual operating permits issued for IMZ/ commercial properties	\$1,100	FDOH	Ongoing
2227	Sherman Creek	FDOH-72	FDOH-Sponsored Training Programs	Hold annual training programs for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2227	Sherman Creek	FDOH-73	Application/Plan Review/Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	No plan review or site evaluation performed	Not applicable	FDOH	Ongoing
2227	Sherman Creek	FDOH-74	Septic Tank Failure Area Ranking	Score and prioritize septic tank failure areas annually	Less than 1 year since previous update	Not applicable	FDOH	Ongoing
2227	Sherman Creek	FDOH-75	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	1 complaints investigated	\$200	FDOH	Ongoing
2240	Greenfield Creek	FDOH-76	OSTDS Program	Implement programs to address septic systems as potential sources	2 repair and 1 abandonment permits issued	\$1,500	FDOH	Ongoing
2240	Greenfield Creek	FDOH-77	Annual Operating Permits	Issue annual operating permits for PBTS, systems located in IMZ, and commercial systems	No annual operating permit issued for IMZ property	Not applicable	FDOH	Ongoing
2240	Greenfield Creek	FDOH-78	FDOH-Sponsored Training Programs	Hold annual training programs for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing
2240	Greenfield Creek	FDOH-79	Application/Plan Review/Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	2 plan reviews and site evaluations performed in WBID	\$400	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2240	Greenfield Creek	FDOH-80	Septic Tank Failure Area Ranking	Score and prioritize septic tank failure areas annually	Less than 1 year since previous update	Not applicable	FDOH	Ongoing
2240	Greenfield Creek	FDOH-81	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	No complaints investigated	Not applicable	FDOH	Ongoing
2265B	Pottsburg Creek	FDOH-83	OSTDS Program	Implement programs to address septic systems as potential sources	10 new, 12 repair, 3 abandonment, and 1 existing system permits issued	\$12,100	FDOH	Ongoing
2265B	Pottsburg Creek	FDOH-84	Annual Operating Permits	Issue annual operating permits for PBTS, systems located in IMZ, and commercial systems	23 annual operating permits issued for IMZ/commercial properties	\$8,000	FDOH	Ongoing
2265B	Pottsburg Creek	FDOH-85	SWIM Project	Implement broad-ranging septic tank ordinance	34% of Oakhaven Failure Area and 85% of former Glynlea Nuisance Area are located in WBID	Not applicable	FDOH	Ongoing
2265B	Pottsburg Creek	FDOH-86	FDOH-Sponsored Training Programs	Hold annual training programs for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2265B	Pottsburg Creek	FDOH-87	Application/ Plan Review/ Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	23 plan reviews and site evaluations performed	\$4,600	FDOH	Ongoing
2265B	Pottsburg Creek	FDOH-88	Septic Tank Failure Area Ranking	Score and prioritize septic tank failure areas annually	Less than 1 year since previous update	Not applicable	FDOH	Ongoing
2265B	Pottsburg Creek	FDOH-90	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	5 complaints investigated	\$1,000	FDOH	Ongoing
2203	Middle Trout River	FDOH-91	OSTDS Program	Implement programs to address septic systems as potential sources	No permits issued	Not applicable	FDOH	Ongoing
2203	Middle Trout River	FDOH-92	Annual Operating Permits	Issue annual operating permits for PBTS, systems located in IMZ, and commercial systems	No annual operating permits issued for IMZ/ commercial properties	Not applicable	FDOH	Ongoing
2203	Middle Trout River	FDOH-93	FDOH-Sponsored Training Programs	Hold annual training programs for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing
2203	Middle Trout River	FDOH-94	Application/ Plan Review/ Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	No plan reviews or site evaluations performed	Not applicable	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2203	Middle Trout River	FDOH-95	Septic Tank Failure Area Ranking	Score and prioritize septic tank failure areas annually	Less than 1 year since previous update	Not applicable	FDOH	Ongoing
2203	Middle Trout River	FDOH-97	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	No complaints investigated	Not applicable	FDOH	Ongoing
2203A	Lower Trout River	FDOH-98	OSTDS Program	Implement programs to address septic systems as potential sources	9 new construction, 3 repair, and 5 abandonment permits issued	\$6,500	FDOH	Ongoing
2203A	Lower Trout River	FDOH-99	Annual Operating Permits	Issue annual operating permits for PBTS, systems located in IMZ, and commercial systems	18 annual operating permits issued for IMZ/commercial properties	\$6,300	FDOH	Ongoing
2203A	Lower Trout River	FDOH-100	SWIM Project	Implement broad-ranging septic tank ordinance	51% of Riverview Failure Area and 32% of Lake Forest Nuisance Area located in WBID	Not applicable	FDOH	Ongoing
2203A	Lower Trout River	FDOH-101	FDOH-Sponsored Training Programs	Hold annual training programs for septic tank contractors, certified plumbers, maintenance entities, and environmental health professionals	1 to 2 training sessions/yr providing up to 12 contact hours	\$2,500	FDOH	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2203A	Lower Trout River	FDOH-102	Application/ Plan Review/ Site Evaluations	FDOH performs plan review and site evaluation for each application received for OSTDS new construction, repair, or modification of existing system	12 plan reviews and site evaluations performed	\$2,400	FDOH	Ongoing
2203A	Lower Trout River	FDOH-103	Septic Tank Failure Area Ranking	Score and prioritize septic tank failure areas annually	Less than 1 year since previous update	Not applicable	FDOH	Ongoing
2203A	Lower Trout River	FDOH-104	Complaint Investigations	FDOH investigates all complaints received, performs site visit, and initiates enforcement action on sanitary nuisance violations	No complaints investigated	Not applicable	FDOH	Ongoing

TABLE B-3: FDOT PROJECT LIST

FDOT's reporting period is January 1 through December 31.

N/A = Not-applicable

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
Countywide	Countywide	FDOT-79	Participate in TAT Calls and Efforts	Continue participation in TAT coordination calls and other TAT efforts	Ongoing	Unknown	FDOT	Ongoing
Countywide	Countywide	FDOT-80	Source Identification Follow up	Assist DEP in following up on source identification results that indicate human source discharging into its municipal separate storm sewer system (MS4) or rights-of-way	Ongoing	Unknown	FDOT	Ongoing
Countywide	Countywide	FDOT-81	Walk the WBID Follow up	Address any mutually agreed-on action items identified as result of 2014 Walk the WBID	Ongoing	Unknown	FDOT	Ongoing
Countywide	Countywide	FDOT-100	Proactive Illicit Discharge Detection and Elimination (IDDE) Program	Continue to implement mandatory IDDE training for staff and contractors working in FDOT rights-of-way	Ongoing	Unknown	FDOT	Ongoing
2252	Hogan Creek	FDOT-4	Potential Illicit Connection (PIC) Program – Search for Illicit Connections	N/A	Continuous effort in WBID	Countywide – \$45,394	FDOT/COJ	Ongoing
2252	Hogan Creek	FDOT-5	PIC Program – Illicit Connections Identified and Removed in WBID if Found To Be Truly Illicit	N/A	0 PICs found this reporting period	Included in FDOT-4	FDOT/COJ	Ongoing
2252	Hogan Creek	FDOT-6	Routine Tributary Monitoring as Part of MS4 Permit	N/A	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2252	Hogan Creek	FDOT-71	BMAP Monitoring	N/A	See COJ Report	Cost included in FDOT-6	FDOT/COJ	Ongoing
2252	Hogan Creek	FDOT-72	Source Identification Sampling – Conducted When High Levels of Coliform Bacteria Counts Are Noted and Source Identification is Necessary	N/A	See COJ Report	Cost included in FDOT-6	FDOT/COJ	Ongoing
2252	Hogan Creek	FDOT-8	Drainage Connection Program (DCP) – Connecting Entity Must Certify that All Discharges to FDOT MS4 Are Treated Prior to Connection	N/A	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing
2252	Hogan Creek	FDOT-9	Adopt-A-Highway Program	N/A	130 pounds of trash collected; trash collection area is 5.0 miles	Unknown	Not applicable	Ongoing
2252	Hogan Creek	FDOT-10	Sediment Accumulation, Trash, and Debris Removed As Needed	N/A	350 inlets/catch basins and 12 miles of piping	Cost included in FDOT-12	FDOT	Ongoing
2252	Hogan Creek	FDOT-11	Street Sweeping Program	N/A	25 miles of roadway swept monthly; 2,492 pounds of debris collected	Cost included in FDOT-12	FDOT	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2252	Hogan Creek	FDOT-12	Maintain FDOT Stormwater Systems	N/A	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mowing, roadside litter removal, respond to citizen complaints	Countywide – \$3,344,284	FDOT	Ongoing
2322	Butcher Pen Creek	FDOT-13	PIC Program – Search for Illicit Connections	N/A	Continuous effort in WBID	Countywide – \$45,394	FDOT/COJ	Ongoing
2322	Butcher Pen Creek	FDOT-14	PIC Program – Illicit Connections Identified and Removed in WBID if Found To Be Truly Illicit	N/A	0 potential illicit connections found this reporting period; corrective action taken	Included in FDOT-13	FDOT/COJ	Ongoing
2322	Butcher Pen Creek	FDOT-15	Routine Tributary Monitoring as Part of MS4 Permit	N/A	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2322	Butcher Pen Creek	FDOT-16	DCP – Connecting Entity Must Certify that All Discharges to FDOT MS4 Are Treated Prior to Connection	N/A	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing
2322	Butcher Pen Creek	FDOT-17	Street Sweeping Program	N/A	12 miles of roadway swept monthly; 1,196 pounds of debris collected	Cost included in FDOT-18	FDOT	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2322	Butcher Pen Creek	FDOT-18	Maintain FDOT Stormwater Systems	N/A	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mowing, roadside litter removal, respond to citizen complaints	Countywide – \$3,344,284	FDOT	Ongoing
2287	Miller Creek	FDOT-19	PIC Program – Search for Illicit Connections	N/A	Continuous effort in WBID	Countywide – \$45,394	FDOT/COJ	Ongoing
2287	Miller Creek	FDOT-20	PIC Program – Illicit Connections Identified and Removed in WBID if Found To Be Truly Illicit	N/A	No illicit connection found to date	Included in FDOT-19	FDOT/COJ	Ongoing
2287	Miller Creek	FDOT-21	Routine Tributary Monitoring as Part of MS4 Permit	N/A	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2287	Miller Creek	FDOT-73	BMAP Monitoring	N/A	See COJ Report	Included in FDOT-21	FDOT/COJ	Ongoing
2287	Miller Creek	FDOT-74	Source Identification Sampling – Conducted When High Levels of Coliform Bacteria Counts are Noted and Source Identification is Necessary	N/A	See COJ Report	Included in FDOT-21	FDOT/COJ	Ongoing
2287	Miller Creek	FDOT-22	DCP – Connecting Entity Must Certify that All Discharges to FDOT MS4 Are Treated Prior to Connection	N/A	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2287	Miller Creek	FDOT-23	Adopt-A-Highway Program	N/A	162 pounds of trash collected; trash collection area is 6 miles	Unknown	Not applicable	Ongoing
2287	Miller Creek	FDOT-24	Sediment Accumulation, Trash, and Debris Removed as Needed	N/A	130 inlets/catch basins and 5 miles of piping	Included in FDOT-26	FDOT	Ongoing
2287	Miller Creek	FDOT-25	Street Sweeping Program	N/A	28 miles of roadway swept monthly; 2,791 pounds of debris collected	Included in FDOT-26	FDOT	Ongoing
2287	Miller Creek	FDOT-26	Maintain FDOT Stormwater Systems	N/A	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mowing, roadside litter removal, respond to citizen complaints	Countywide - \$3,344,284	FDOT	Ongoing
2304	Miramar Creek	FDOT-27	PIC Program – Search for Illicit Connections	N/A	Continuous effort in WBID	Countywide – \$45,394	FDOT/COJ	Ongoing
2304	Miramar Creek	FDOT-28	PIC Program - Illicit Connections Identified and Removed in WBID if Found To Be Truly Illicit	N/A	0 potential illicit connections found this reporting period; corrective action taken	Included in FDOT-27	FDOT/COJ	Ongoing
2304	Miramar Creek	FDOT-29	Routine Tributary Monitoring as Part of MS4 Permit	N/A	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2304	Miramar Creek	FDOT-75	BMAP Monitoring	N/A	See COJ Report	Cost included in countywide MS4 monitoring	FDOT/COJ	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2304	Miramar Creek	FDOT-76	Source Identification Sampling – Conducted When High Levels of Coliform Bacteria Counts are Noted and Source Identification is Necessary	N/A	See COJ Report	Cost included in countywide MS4 monitoring	FDOT/COJ	Ongoing
2304	Miramar Creek	FDOT-30	DCP – Connecting Entity Must Certify that All Discharges to FDOT MS4 Are Treated Prior to Connection	N/A	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing
2304	Miramar Creek	FDOT-31	Adopt-A-Highway Program	N/A	52 pounds of trash collected; trash collection area is 2.0 miles	Unknown	Not applicable	Ongoing
2304	Miramar Creek	FDOT-32	Sediment Accumulation, Trash, and Debris Removed as Needed	N/A	98 inlets/catch basins and 2.5 miles of piping	Cost included in FDOT-34	FDOT	Ongoing
2304	Miramar Creek	FDOT-33	Street Sweeping Program	N/A	10 miles of roadway swept monthly; 1,424 pounds of debris collected	Cost included in FDOT-34	FDOT	Ongoing
2304	Miramar Creek	FDOT-34	Maintain FDOT Stormwater Systems	N/A	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mowing, roadside litter removal, respond to citizen complaints	Countywide – \$3,344,284	FDOT	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2280	Big Fishweir Creek	FDOT-35	PIC Program – Search for Illicit Connections	N/A	Continuous effort in WBID	Countywide – \$45,394	FDOT/COJ	Ongoing
2280	Big Fishweir Creek	FDOT-36	PIC Program – Illicit Connections Identified and Removed in WBID if Found To Be Truly Illicit	N/A	1-potential illicit connection found this reporting period; corrective actions taken	Included in FDOT-35	FDOT/COJ	Ongoing
2280	Big Fishweir Creek	FDOT-37	Routine Tributary Monitoring as Part of MS4 Permit	N/A	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2280	Big Fishweir Creek	FDOT-38	DCP – Connecting Entity Must Certify that All Discharges to FDOT MS4 Are Treated Prior to Connection	N/A	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing
2280	Big Fishweir Creek	FDOT-39	Sediment Accumulation, Trash, and Debris Removed as Needed	N/A	269 inlets/catch basins and 14 miles of piping	Cost included in FDOT-41	FDOT	Ongoing
2280	Big Fishweir Creek	FDOT-40	Street Sweeping Program	N/A	21 miles of roadway swept monthly; 2,991 pounds of debris collected	Cost included in FDOT-41	FDOT	Ongoing
2280	Big Fishweir Creek	FDOT-41	Maintain FDOT Stormwater Systems	N/A	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mowing, roadside litter removal, respond to citizen complaints	Countywide – \$3,344,284	FDOT	Ongoing
2256	Deer Creek	FDOT-42	PIC Program – Search for Illicit Connections	N/A	Continuous effort in WBID	Countywide – \$45,394	FDOT/COJ	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2256	Deer Creek	FDOT-43	PIC Program – Illicit Connections Identified and Removed in WBID if Truly Illicit	N/A	No true illicit connection identified to date	Included in FDOT-42	FDOT/COJ	Ongoing
2256	Deer Creek	FDOT-44	Routine Tributary Monitoring as Part of MS4 Permit	N/A	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2256	Deer Creek	FDOT-77	BMAP Monitoring	N/A	See COJ Report	Included in FDOT-44	FDOT/COJ	Ongoing
2256	Deer Creek	FDOT-78	Source Identification Sampling – Conducted When High Levels of Coliform Bacteria Counts are Noted and Source Identification is Necessary	N/A	0 additional samples were collected	Included in FDOT-44	FDOT/COJ	Ongoing
2256	Deer Creek	FDOT-45	DCP – Connecting Entity Must Certify that All Discharges to FDOT MS4 Are Treated Prior to Connection	N/A	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing
2256	Deer Creek	FDOT-46	Sediment Accumulation, Trash, and Debris Removed as Needed	N/A	81 inlets/catch basins and 4 miles of piping	Cost included in FDOT-48	FDOT	Ongoing
2256	Deer Creek	FDOT-47	Street Sweeping Program	N/A	8 miles of roadway swept monthly; 797 pounds of debris collected	Cost included in FDOT-48	FDOT	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2256	Deer Creek	FDOT-48	Maintain FDOT Stormwater Systems	N/A	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mowing, roadside litter removal, respond to citizen complaints	Countywide – \$3,344,284	FDOT	Ongoing
2204	Terrapin Creek	FDOT-49	PIC Program – Search for Illicit Connections	N/A	Continuous effort in WBID	Countywide – \$45,394	FDOT/COJ	Ongoing
2204	Terrapin Creek	FDOT-50	PIC Program – Illicit Connections Identified and Removed in WBID if Truly Illicit	N/A	No truly illicit connection identified to date	Included in FDOT-49	FDOT/COJ	Ongoing
2204	Terrapin Creek	FDOT-51	Routine Tributary Monitoring as Part of MS4 Permit	N/A	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2204	Terrapin Creek	FDOT-52	DCP – Connecting Entity Must Certify that All Discharges to FDOT MS4 are Treated Prior to Connection	N/A	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing
2204	Terrapin Creek	FDOT-53	Maintain FDOT Stormwater Systems	N/A	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mowing, roadside litter removal, respond to citizen complaints	Countywide – \$3,344,284	FDOT	Ongoing
2326	Goodbys Creek	FDOT-54	PIC Program – Search for Illicit Connections	N/A	Continuous effort in WBID	Countywide – \$45,394	FDOT/COJ	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2326	Goodbys Creek	FDOT-55	PIC Program – Illicit Connections Identified and Removed in WBID if Found To Be Truly Illicit	N/A	No potential illicit found this reporting period	Included in FDOT-54	FDOT/COJ	Ongoing
2326	Goodbys Creek	FDOT-56	Routine Tributary Monitoring as Part of MS4 Permit	N/A	See COJ Report	Countywide – \$197,194	FDOT/COJ	Ongoing
2326	Goodbys Creek	FDOT-58	DCP – Connecting Entity Must Certify that All Discharges to FDOT MS4 Are Treated Prior to Connection	N/A	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing
2326	Goodbys Creek	FDOT-59	Adopt-A-Highway Program	N/A	182 pounds of trash collected along 7 miles of roadway	Unknown	Not applicable	Ongoing
2326	Goodbys Creek	FDOT-60	Sediment Accumulation, Trash, and Debris Removed As Needed	N/A	195 inlets/catch basins and 8 miles of piping	Cost included in FDOT-62	FDOT	Ongoing
2326	Goodbys Creek	FDOT-61	Street Sweeping Program	N/A	18 miles of roadway swept monthly; 2,563 pounds of debris collected	Cost included in FDOT-62	FDOT	Ongoing
2326	Goodbys Creek	FDOT-62	Maintain FDOT Stormwater Systems	N/A	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mowing, roadside litter removal, respond to citizen complaints	Countywide – \$3,344,284	FDOT	Ongoing
2299	Open Creek	FDOT - 63	PIC Program – Search for Illicit Connections	N/A	Continuous effort in WBID	Countywide – \$45,394	FDOT/COJ	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2299	Open Creek	FDOT-64	PIC Program – Illicit Connections Identified and Removed in WBID if Found To Be Truly Illicit	N/A	No true illicit connection identified to date	Included in FDOT-63	FDOT/COJ	Ongoing
2299	Open Creek	FDOT-65	Routine Tributary Monitoring as Part of MS4 Permit	N/A	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2299	Open Creek	FDOT-67	DCP – Connecting Entity Must Certify that All Discharges to FDOT MS4 are Treated Prior to Connection	N/A	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing
2299	Open Creek	FDOT-68	Sediment Accumulation, Trash, and Debris Removed on As-Needed Basis	N/A	71 inlets/catch basins and 2.7 miles of piping	Cost included in FDOT-69	FDOT	Ongoing
2299	Open Creek	FDOT-69	Maintain FDOT Stormwater Systems	N/A	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mowing, roadside litter removal, respond to citizen complaints	Countywide – \$3,344,284	FDOT	Ongoing
2299	Open Creek	FDOT-70	Street Sweeping Program	N/A	6 miles of roadway swept monthly; 512 pounds of debris collected	Cost included in FDOT-69	FDOT	Ongoing
2299	Open Creek	FDOT-71	Maintain Wet Stormwater Management System – Drainage Area 22 acres	N/A	Keep pond functioning as designed	Cost included in FDOT-69	FDOT	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2297	Craig Creek	FDOT-1	PIC Program	Search for illicit connections	Continuous effort in WBID	Countywide – \$45,394	FDOT/COJ	Ongoing
2297	Craig Creek	FDOT-2	PIC Program	Identify and remove illicit connections if found to be truly illicit	No illicit connections/discharge found this reporting period	Included in FDOT-1	FDOT/COJ	Ongoing
2297	Craig Creek	FDOT-3	Routine Surface Water Sampling	Carry out National Pollutant Discharge Elimination System (NPDES) permit-related quarterly water quality sampling	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2297	Craig Creek	FDOT-5	DCP Program	Connecting entity must certify that all discharges to FDOT MS4 are treated prior to connection	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing
2297	Craig Creek	FDOT-6	Maintain FDOT Stormwater Systems	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mow, remove roadside litter, respond to citizen complaints, and sweep roadways	6 miles of roadways and associated stormwater conveyance systems currently maintained in WBID; 12 miles of roadways swept with 1,709 pounds of debris collected and properly disposed of	Countywide – \$3,344,284	FDOT	Ongoing
2297	Craig Creek	FDOT-105	Source Identification Sampling	Resampling effort conducted when high levels of fecal coliform bacteria are noted to attempt to identify sources	See COJ Report	Included in FDOT-3	FDOT/COJ	Ongoing
2257	McCoy Creek	FDOT-7	PIC Program	Search for illicit connections	Continuous effort in WBID	Countywide – \$45,394	FDOT/COJ	Ongoing
2257	McCoy Creek	FDOT-8	PIC Program	Identify and remove illicit connections if found to be truly illicit	9 PICs found; on investigation, 1 determined not to be illicit	Included in FDOT-7	FDOT/COJ	Ongoing
2257	McCoy Creek	FDOT-10	Routine Surface Water Sampling	Carry out NPDES permit-related quarterly water quality sampling	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2257	McCoy Creek	FDOT-12	Source Identification Sampling	Resampling effort conducted when high levels of fecal coliform bacteria are noted to attempt to identify sources	0	Included in FDOT-10	FDOT/COJ	Ongoing
2257	McCoy Creek	FDOT-13	DCP Program	Connecting entity must certify that all discharges to FDOT MS4 are treated prior to connection	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing
2257	McCoy Creek	FDOT-15	Maintain FDOT Stormwater Systems	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mow, remove roadside litter, respond to citizen complaints, and sweep roadways	4 miles of roadways and associated stormwater conveyance systems currently being maintained in WBID; 8 miles of roadways swept with 797 pounds of debris collected and properly disposed of	Countywide – \$3,344,284	FDOT	Ongoing
2316	Williamson Creek	FDOT-16	PIC Program	Search for illicit connections	Continuous effort in WBID; none identified	Countywide – \$45,394	FDOT/COJ	Ongoing
2316	Williamson Creek	FDOT-121	PIC Program	Identify and remove illicit connections if found to be truly illicit	Ongoing	Included in FDOT-16	FDOT/COJ	Ongoing
2316	Williamson Creek	FDOT-17	DCP Program	Connecting entity must certify that all discharges to FDOT MS4 are treated prior to connection	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing
2316	Williamson Creek	FDOT-18	Routine Surface Water Sampling	Carry out NPDES permit-related quarterly water quality sampling	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2316	Williamson Creek	FDOT-20	Adopt-A-Highway Program	Allow individuals or groups (after receiving FDOT training) to adopt stretch of road and collect trash and debris	23 pounds of trash collected along 2 miles of roadway	Unavailable	N/A	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2316	Williamson Creek	FDOT-23	Maintain FDOT Stormwater Systems	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mow, remove roadside litter, respond to citizen complaints, and sweep roadways	2 miles of roadways and associated stormwater conveyance systems currently maintained in WBID; 4 miles of roadways swept with 399 pounds of debris collected and properly disposed of	Countywide – \$3,344,284	FDOT	Ongoing
2316	Williamson Creek	FDOT-106	Source Identification Sampling	Resampling conducted when high levels of fecal coliform bacteria are noted to attempt to identify sources	See COJ Report	Included in FDOT-18	FDOT/COJ	Ongoing
2316	Williamson Creek	FDOT-134	State Road (SR) 208 (Wilson Blvd) Interchange Improvement	Construct stormwater management systems to treat areas of improvement	Construction ongoing	Total project cost \$3,340,000	FDOT	Completed
2324	Fishing Creek	FDOT-25	PIC Program	Search for illicit connections	Continuous effort in WBID	Countywide – \$45,394	FDOT/COJ	Ongoing
2324	Fishing Creek	FDOT-26	PIC Program	Identify illicit connections and remove if found to be truly illicit	No illicit connection/ discharge found this reporting period	Included in FDOT-25	FDOT/COJ	Ongoing
2324	Fishing Creek	FDOT-28	Routine Surface Water Sampling	Carry out NPDES permit-related quarterly water quality sampling	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2324	Fishing Creek	FDOT-29	Source Identification Sampling	Resampling effort conducted when high levels of fecal coliform bacteria are noted to attempt to identify sources	See COJ Report	Included in FDOT-28	FDOT/COJ	Ongoing
2324	Fishing Creek	FDOT-31	DCP Program	Connecting entity must certify that all discharges to FDOT MS4 are treated prior to connection	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2324	Fishing Creek	FDOT-32	Adopt-A-Highway Program	Allow individuals or groups (after receiving FDOT training) to adopt stretch of road and collect trash and debris	156 pounds of trash collected along 6 miles of roadway	Unavailable	N/A	Ongoing
2324	Fishing Creek	FDOT-33	Maintain FDOT Stormwater Systems	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mow, remove roadside litter, respond to citizen complaints, and sweep roadways	7 miles of roadways and associated stormwater conveyance systems currently maintained; 14 miles of roadways swept with 1,395 pounds of debris collected and properly disposed of	Countywide – \$3,344,284	FDOT	Ongoing
2324	Fishing Creek	FDOT-108	BMAP Sampling	Routine BMAP II monitoring began December 2010	See COJ Report	Included in FDOT-28	FDOT/COJ	Ongoing
2361	Deep Bottom Creek	FDOT-34	PIC Program	Search for illicit connections	Continuous effort in WBID; none identified	Countywide – \$45,394	FDOT/COJ	Ongoing
2361	Deep Bottom Creek	FDOT-122	PIC Program	Identify and remove illicit connections if found to be truly illicit	Ongoing	Included in FDOT-34	FDOT/COJ	Ongoing
2361	Deep Bottom Creek	FDOT-35	Routine Surface Water Sampling	Carry out NPDES permit-related quarterly water quality sampling	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2361	Deep Bottom Creek	FDOT-36	Source Identification Sampling	Resampling effort conducted when high levels of fecal coliform bacteria are noted to attempt to identify sources	See COJ Report	Included in FDOT-35	FDOT/COJ	Ongoing
2361	Deep Bottom Creek	FDOT-38	DCP Program	Connecting entity must certify that all discharges to FDOT MS4 are treated prior to connection	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2361	Deep Bottom Creek	FDOT-39	Adopt-A-Highway Program	Allow individuals or groups (after receiving FDOT training) to adopt stretch of road and collect trash and debris	36 pounds of trash collected along 2 miles of roadway	Unavailable	N/A	Ongoing
2361	Deep Bottom Creek	FDOT-40	Maintain FDOT Stormwater Systems	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mow, remove roadside litter, respond to citizen complaints, and sweep roadways	2.5 miles of roadways and associated stormwater conveyance systems currently being maintained; 5 miles of roadways swept with 498 pounds of debris collected and properly disposed of	Countywide – \$3,344,284	FDOT	Ongoing
2361	Deep Bottom Creek	FDOT-109	BMAP Sampling	Routine BMAP II monitoring began December 2010	See COJ Report	Included FDOT-35	FDOT/COJ	Ongoing
2361	Deep Bottom Creek	FDOT-135	I-295 Managed Lanes	Construct stormwater management systems to treat areas of improvement	Construction ongoing	Total project cost \$88,950,000	FDOT	Construction ongoing. To be completed December 2017
2228	Moncrief Creek	FDOT-41	PIC Program	Search for illicit connections		Countywide – \$45,394	FDOT/COJ	Ongoing
2228	Moncrief Creek	FDOT-42	PIC Program	Identify and remove illicit connections if found to be truly illicit	1 PIC found and corrective action taken	Included in FDOT-41	FDOT/COJ	Ongoing
2228	Moncrief Creek	FDOT-44	Routine Surface Water Sampling	Carry out NPDES permit-related quarterly water quality sampling	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2228	Moncrief Creek	FDOT-46	Source Identification Sampling	Resampling effort conducted when high levels of fecal coliform bacteria are noted to attempt to identify sources	See COJ Report	FDOT-44	FDOT/COJ	Ongoing
2228	Moncrief Creek	FDOT-47	DCP Program	Connecting entity must certify that all discharges to FDOT MS4 are treated prior to connection	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2228	Moncrief Creek	FDOT-48	Adopt-A-Highway Program	Allow individuals or groups (after receiving FDOT training) to adopt stretch of road and collect trash and debris	85 pounds of trash collected along 4.5 miles of roadway	Unavailable	N/A	Ongoing
2228	Moncrief Creek	FDOT-49	Maintain FDOT Stormwater Systems	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mow, remove roadside litter, respond to citizen complaints, and sweep roadways	5 miles of roadways and associated stormwater conveyance systems currently being maintained; 10 miles of roadways swept with 997 pounds of debris collected and properly disposed of	Countywide – \$3,344,284	FDOT	Ongoing
2207	Blockhouse Creek	FDOT-50	PIC Program	Search for illicit connections	Continuous effort in WBID; none identified	Countywide – \$45,394	FDOT/COJ	Ongoing
2207	Blockhouse Creek	FDOT-123	PIC Program	Identify and remove illicit connections if found to be truly illicit	Ongoing	Included in FDOT-50	FDOT/COJ	Ongoing
2207	Blockhouse Creek	FDOT-51	DCP Program	Connecting entity must certify that all discharges to FDOT MS4 are treated prior to connection	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing
2207	Blockhouse Creek	FDOT-52	Routine Surface Water Sampling	Carry out NPDES permit-related quarterly water quality sampling	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2207	Blockhouse Creek	FDOT-53	Adopt-A-Highway Program	Allow individuals or groups (after receiving FDOT training) to adopt stretch of road and collect trash and debris	35 pounds of trash collected along 2.2 miles of roadway	Unavailable	N/A	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2207	Blockhouse Creek	FDOT-54	Maintain FDOT Stormwater Systems	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mow, remove roadside litter, respond to citizen complaints, and sweep roadways	3.75 miles of roadways and associated stormwater conveyance systems currently being maintained; 7.5 miles of roadways swept with 747 pounds of debris collected and properly disposed of	Countywide – \$3,344,284	FDOT	Ongoing
2207	Blockhouse Creek	FDOT-111	Source Identification Sampling	Resampling effort conducted when high levels of fecal coliform bacteria are noted to attempt to identify sources	See COJ Report	FDOT-52	FDOT/COJ	Ongoing
2266	Hopkins Creek	FDOT-55	PIC Program	Search for illicit connections	Continuous effort in WBID	Countywide – \$45,394	FDOT/COJ	Ongoing
2266	Hopkins Creek	FDOT-56	PIC Program	Identify and remove illicit connections if found to be truly illicit	No illicit connection/ discharge found this reporting period	Included in FDOT-55	FDOT/COJ	Ongoing
2266	Hopkins Creek	FDOT-57	Routine Surface Water Sampling	Carry out NPDES permit-related quarterly water quality sampling	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2266	Hopkins Creek	FDOT-59	DCP Program	Connecting entity must certify that all discharges to FDOT MS4 are treated prior to connection	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing
2266	Hopkins Creek	FDOT-60	Adopt-A-Highway Program	Allow individuals or groups (after receiving FDOT training) to adopt stretch of road and collect trash and debris	157 pounds of trash collected along 8 miles of roadway	Unavailable	N/A	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2266	Hopkins Creek	FDOT-61	Maintain FDOT Stormwater Systems	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mow, remove roadside litter, respond to citizen complaints, and sweep roadways	8 miles of roadways and associated stormwater conveyance systems currently being maintained; 16 miles of roadways swept with 1,595 pounds of debris collected and properly disposed of	Countywide – \$3,344,284	FDOT	Ongoing
2266	Hopkins Creek	FDOT-112	BMAP Sampling	Routine BMAP II monitoring began December 2010	See COJ Report	Included in FDOT-57	FDOT/COJ	Ongoing
2266	Hopkins Creek	FDOT-113	Source Identification Sampling	Resampling effort conducted when high levels of fecal coliform bacteria are noted to attempt to identify sources	See COJ Report	Included in FDOT-57	FDOT/COJ	Ongoing
2381	Cormorant Branch	FDOT-62	PIC Program	Search for illicit connections	Continuous effort in WBID; none identified	Countywide – \$45,394	FDOT/COJ	Ongoing
2381	Cormorant Branch	FDOT-124	PIC Program	Identify and remove illicit connections if found to be truly illicit	Ongoing	Included in FDOT-62	FDOT/COJ	Ongoing
2381	Cormorant Branch	FDOT-63	Routine Surface Water Sampling	Carry out NPDES permit-related quarterly water quality sampling	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2381	Cormorant Branch	FDOT-65	DCP Program	Connecting entity must certify that all discharges to FDOT MS4 are treated prior to connection	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing
2381	Cormorant Branch	FDOT-66	Adopt-A-Highway Program	Allow individuals or groups (after receiving FDOT training) to adopt stretch of road and collect trash and debris	79 pounds of trash collected along 4 miles of roadway	Unavailable	N/A	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2381	Cormorant Branch	FDOT-67	Maintain FDOT Stormwater Systems	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mow, remove roadside litter, respond to citizen complaints, and sweep roadways	2 miles of roadways and associated stormwater conveyance systems currently being maintained; 4 miles of roadways swept with 399 pounds of debris collected and properly disposed of	Countywide – \$3,344,284	FDOT	Ongoing
2381	Cormorant Branch	FDOT-114	Source Identification Sampling	Resampling effort conducted when high levels of fecal coliform bacteria are noted to attempt to identify sources	See COJ Report	Included in FDOT-63	FDOT/COJ	Ongoing
2381	Cormorant Branch	FDOT-125	BMAP Sampling	Routine BMAP II monitoring began October 2011	See COJ Report	Included in FDOT-63	FDOT/COJ	Ongoing
2282	Wills Branch	FDOT-68	PIC Program	Search for illicit connections	Continuous effort in WBID; 1 PIC identified	Countywide – \$45,394	FDOT/COJ	Ongoing
2282	Wills Branch	FDOT-126	PIC Program	Identify and remove illicit connections if found to be truly illicit	Ongoing	Included in FDOT-68	FDOT/COJ	Ongoing
2282	Wills Branch	FDOT-69	Routine Surface Water Sampling	Carry out NPDES permit-related quarterly water quality sampling	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2282	Wills Branch	FDOT-70	DCP Program	Connecting entity must certify that all discharges to FDOT MS4 are treated prior to connection	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing
2282	Wills Branch	FDOT-71	Adopt-A-Highway Program	Allow individuals or groups (after receiving FDOT training) to adopt stretch of road and collect trash and debris	29 pounds of trash collected along 2 miles of road of roadway	Unavailable	N/A	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2282	Wills Branch	FDOT-73	Maintain FDOT Stormwater Systems	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mow, remove roadside litter, respond to citizen complaints, and sweep roadways	2 miles of roadways and associated stormwater conveyance systems currently maintained in WBID; 4 miles of roadways swept with 264 pounds of debris collected and properly disposed of	Countywide – \$3,344,284	FDOT	Ongoing
2282	Wills Branch	FDOT-115	Source Identification Sampling	Resampling effort conducted when high levels of fecal coliform bacteria are noted to attempt to identify sources	See COJ Report	Included in FDOT-69	FDOT/ COJ	Ongoing
2282	Wills Branch	FDOT-133	I-10 Marietta Interchange Improvement	Construct 3 wet detention ponds to treat area of improvement	Construction ongoing	Total project cost \$26,880,000	FDOT	Construction ongoing. To be completed May 2016
2227	Sherman Creek	FDOT-74	PIC Program	Search for illicit connections	Continuous effort in WBID; none identified	Countywide – \$45,394	FDOT/ COJ	Ongoing
2227	Sherman Creek	FDOT-127	PIC Program	Identify and remove illicit connections if found to be truly illicit	Ongoing	Included in FDOT-74	FDOT/COJ	Ongoing
2227	Sherman Creek	FDOT-75	Routine Surface Water Sampling	Carry out NPDES permit-related quarterly water quality sampling	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2227	Sherman Creek	FDOT-76	Source Identification Sampling	Resampling effort conducted when high levels of fecal coliform bacteria are noted to attempt to identify sources	See COJ Report	Included in FDOT-75	FDOT/COJ	Ongoing
2227	Sherman Creek	FDOT-78	DCP Program	Connecting entity must certify that all discharges to FDOT MS4 are treated prior to connection	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2227	Sherman Creek	FDOT-79	Maintain FDOT Stormwater Systems	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mow, remove roadside litter, respond to citizen complaints, and sweep roadways	3 miles of roadways and associated stormwater conveyance systems currently being maintained; 8 miles of roadways swept with 1,139 pounds of debris collected and properly disposed of	Countywide – \$3,344,284	FDOT	Ongoing
2227	Sherman Creek	FDOT- 117	BMAP Sampling	Routine BMAP II monitoring began December 2010	See COJ Report	Included in FDOT-75	FDOT/COJ	Ongoing
2240	Greenfield Creek	FDOT-80	PIC Program	Search for illicit connections	Continuous effort in WBID; none identified	Countywide – \$45,394	FDOT/COJ	Ongoing
2240	Greenfield Creek	FDOT- 128	PIC Program	Identify and remove illicit connections if found to be truly illicit	Ongoing	Included in FDOT-80	FDOT/COJ	Ongoing
2240	Greenfield Creek	FDOT-81	Routine Surface Water Sampling	Carry out NPDES permit- related quarterly water quality sampling	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2240	Greenfield Creek	FDOT-82	Source Identification Sampling	Resampling effort conducted when high levels of fecal coliform bacteria are noted to attempt to identify sources	See COJ Report	Included in FDOT-81	FDOT/COJ	Ongoing
2240	Greenfield Creek	FDOT-83	DCP Program	Connecting entity must certify that all discharges to FDOT MS4 are treated prior to connection	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2240	Greenfield Creek	FDOT-85	Maintain FDOT Stormwater Systems	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mow, remove roadside litter, respond to citizen complaints, and sweep roadways	1 mile of roadways and associated stormwater conveyance systems currently maintained in WBID; 2 miles of roadways swept with 95 pounds of debris collected and properly disposed of	Countywide – \$3,344,284	FDOT	Ongoing
2240	Greenfield Creek	FDOT-131	PIC Program	Identify and remove illicit connections if found to be truly illicit	Ongoing	Included in FDOT-80	FDOT/COJ	Ongoing
2240	Greenfield Creek	FDOT-132	PIC Program	Identify and remove illicit connections if found to be truly illicit	Ongoing	Included in FDOT-80	FDOT/COJ	Ongoing
2265B	Pottsburg Creek	FDOT-86	PIC Program	Search for illicit connections	Continuous effort in WBID	Countywide – \$45,394	FDOT/COJ	Ongoing
2265B	Pottsburg Creek	FDOT-87	PIC Program	Identify illicit connections and remove if found to be truly illicit	0 PICs found	Included in FDOT-86	FDOT/COJ	Ongoing
2265B	Pottsburg Creek	FDOT-88	Routine Surface Water Sampling	Carry out NPDES permit-related quarterly water quality sampling	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2265B	Pottsburg Creek	FDOT-89	DCP Program	Connecting entity must certify that all discharges to FDOT MS4 are treated prior to connection	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing
2265B	Pottsburg Creek	FDOT-91	Maintain FDOT Stormwater Systems	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mow, remove roadside litter, respond to citizen complaints, and sweep roadways	6 miles of roadways and associated stormwater conveyance systems currently maintained in WBID; 12 miles of roadways swept with 1,195 pounds of debris collected and properly disposed of	Countywide - \$3,344,284	FDOT	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2265B	Pottsburg Creek	FDOT-119	Source Identification Sampling	Resampling effort conducted when high levels of fecal coliform bacteria are noted to attempt to identify sources	See COJ Report	Included in FDOT-88	FDOT/COJ	Ongoing
2265B	Pottsburg Creek	FDOT-136	Source Identification Sampling	Resampling effort conducted when high levels of fecal coliform bacteria are noted to attempt to identify sources	See COJ Report	Included in FDOT-88	FDOT/COJ	Ongoing
2265B	Pottsburg Creek	FDOT-137	Source Identification Sampling	Resampling effort conducted when high levels of fecal coliform bacteria are noted to attempt to identify sources	See COJ Report	Included in FDOT-88	FDOT/COJ	Ongoing
2265B	Pottsburg Creek	FDOT-138	I-95 Interchange Operational Improvements at SR 201 (JTB)	Construct stormwater management systems to treat areas of improvement	Construction ongoing	Total project cost \$66,720,000	FDOT	Construction ongoing. To be completed April 2017
2203	Middle Trout River	FDOT-92	PIC Program	Search for illicit connections	Continuous effort in WBID; none identified	Countywide – \$45,394	FDOT/COJ	Ongoing
2203	Middle Trout River	FDOT-129	PIC Program	Identify and remove illicit connections if found to be truly illicit	1 illicit connection found and corrective action ongoing	Included in FDOT-92	FDOT/COJ	Ongoing
2203	Middle Trout River	FDOT-93	Routine Surface Water Sampling	Carry out NPDES permit-related quarterly water quality sampling	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2203	Middle Trout River	FDOT-94	Source Identification Sampling	Resampling effort conducted when high levels of fecal coliform bacteria are noted to attempt to identify sources	See COJ Report	Included in FDOT-93	FDOT/COJ	Ongoing
2203	Middle Trout River	FDOT-95	DCP Program	Connecting entity must certify that all discharges to FDOT MS4 are treated prior to connection	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2203	Middle Trout River	FDOT-96	Adopt-A-Highway Program	Allow individuals or groups (after receiving FDOT training) to adopt stretch of road and collect trash and debris	79 pounds of trash collected along 4 miles of roadway	Unavailable	N/A	Ongoing
2203	Middle Trout River	FDOT-97	Maintain FDOT Stormwater Systems	Clean catch basin/inlet and other drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mow, remove roadside litter, respond to citizen complaints and roadways sweeping	2.5 miles of roadways and associated stormwater conveyance systems currently maintained in WBID; 5 miles of roadways swept with 498 pounds of debris collected and properly disposed of	Countywide – \$3,344,284	FDOT	Ongoing
2203A	Lower Trout River	FDOT-98	PIC Program	Search for illicit connections	Continuous effort in WBID	Countywide – \$45,394	FDOT/COJ	Ongoing
2203A	Lower Trout River	FDOT-130	PIC Program	Identify and remove illicit connections if found to be truly illicit	Ongoing	Included in FDOT-98	FDOT/COJ	Ongoing
2203A	Lower Trout River	FDOT-99	Routine Surface Water Sampling	Carry out NPDES permit-related quarterly water quality sampling	See COJ Report	Countywide – \$197,794	FDOT/COJ	Ongoing
2203A	Lower Trout River	FDOT-100	DCP Program	Connecting entity must certify that all discharges to FDOT MS4 are treated prior to connection	Ongoing effort	Countywide – \$11,492	FDOT	Ongoing
2203A	Lower Trout River	FDOT-101	Adopt-A-Highway Program	Allows individuals or groups (after receiving FDOT training) to adopt stretch of road and collect trash and debris	291 pounds of trash along 8.5 miles of roadway	Unavailable	N/A	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	ESTIMATED COST	FUNDING SOURCE	PROJECT STATUS
2203A	Lower Trout River	FDOT- 104	Maintain FDOT Stormwater Systems	Clean drainage structures, replace/repair storm/cross/side drains, clean/reshape roadside ditches, clear/repair outfall ditches, mow, remove roadside litter, respond to citizen complaints and roadway sweeping	6 miles of roadways and associated stormwater conveyance systems currently maintained in WBID; 12 miles of roadways swept with 1,196 pounds of debris collected and properly disposed of	Countywide – \$3,344,284	FDOT	Ongoing
2203A	Lower Trout River	FDOT- 120	Source Identification Sampling	Resampling effort conducted when high levels of fecal coliform bacteria are noted to attempt to identify sources	Ongoing	Included in FDOT-99	FDOT/COJ	Ongoing

TABLE B-4: COJ PROJECT LIST

Note: Appendix E: COJ Project List Supplemental Information, is provided in **Appendix E** in reference to the project and activity records listed below.

WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	TOTAL COST	FUNDING SOURCE	PROJECT STATUS
Citywide	COJ-253	Drainage System Repair and Rehabilitation	MS4 repair/replacement using closed-circuit television inspections, CIPP, engineering, design, and construction projects citywide	Multiple contracts	\$3,121,043	COJ	Ongoing
Citywide	COJ-04	Ditch/Creek Regrade/Erosion/Clean	Citizen Action Response Effort (CARE) response and proactive MS4 maintenance work orders	1,929 work orders	\$1,453,243	COJ	Ongoing
Citywide	COJ-276	MS4 Drainage Ditch Vegetation Management	Contractor vegetation spraying and litter removal	400 + miles of MS4 ditch	\$229,900	COJ	Ongoing
Citywide	COJ-193	Ditch Hazardous/Contaminated	CARE response and proactive MS4 maintenance work orders	0	\$0	COJ	Ongoing
Citywide	COJ-05	Lake or Pond Problem & Pond Maintenance	CARE response and proactive MS4 maintenance work orders	20 work orders	\$10,214	COJ	Ongoing
Citywide	COJ-291	Contractor Pond Maintenance	Manage vegetation and remove litter	242 ponds	\$219,835	COJ	Ongoing
Citywide	COJ-06	Structure Blocked/Repair/General Flooding	CARE response and proactive MS4 maintenance work orders	2,769 work orders	\$696,837	COJ	Ongoing
Citywide	COJ-277	Stormwater Action Team (SWAT) Proactive Maintenance Program	Roadside and outfall ditch regrade, vegetation removal, illegal dumping clean up, and IDDE source removal. (200.3 miles drainage ditch and 142.71 miles of culvert and closed conveyance)	1,081 work orders	\$1,430,652	COJ	Ongoing
Citywide	COJ-09	Sewer Overflow	Number of SSOs closed by COJ or referred to Duval DOH or JEA	379	\$143,641	COJ	Ongoing
Citywide	COJ-10	Private Lift Station Inspection and Update Geographic Information System (GIS) Coverage	2,014 total private lift stations in city, with 133 located in BMAP I Tributaries. 17 private lift stations inspected, including 4 lift stations newly identified and added to inventory.	220 lift stations inspected citywide; 17 in BMAP I WBIDs	\$83,380	COJ	Ongoing

WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	TOTAL COST	FUNDING SOURCE	PROJECT STATUS
Citywide	COJ-11	Illicit Discharge Detection and Elimination	Proactive and reactive investigation of illicit discharge and dumping issues not related to private lift stations and municipal SSOs (total of 30 IDDE inspections in Tributaries I BMAP, with 2 confirmed as illicit and removed)	1,017 total investigations 135 COJ and 8 FDOT illicit sources identified and eliminated	\$452,147	COJ	Ongoing
Citywide	COJ-12	Routine Surface Water Sampling	Citywide NPDES permit-related water quality sampling (93 sites not also sampled as BMAP sites; all sampled quarterly)	372	\$284,602	COJ	Ongoing
Citywide	COJ-14	Septic Tank Phase Out	Phase out program as provided by COJ ordinance	117 total citywide in Tributaries I BMAP WBIDs	Unknown	COJ	Ongoing
Citywide	COJ-16	Septic Tank Maintenance Public Education	Public service announcements	Ongoing	Unknown	COJ	Ongoing
Citywide	COJ-17	Pet/Animal Management Public Education	Public service announcements	Ongoing	Unknown	COJ	Ongoing
Hogan Creek	COJ-19	Newtown Area	Flood improvement	N/A	\$5,375,000	COJ	Planned
Big Fishweir Creek	COJ-99	Hamilton at Jersey Outfall	Improve outfall to relieve flooding	N/A	\$2,900,000	COJ	Complete
Deer Creek	COJ-126	Lower East Side Drainage Improvements Phase 3	Eliminate flooding area bordered by 7 th Street, MLK Jr. Expressway, 1 st Street, and Spearing Street	N/A	\$6,500,000	COJ	Construction
Deer Creek	COJ-127	Power East Side Pond Expansion	Pond expansion to provide compensating treatment for library, courthouse, and other downtown improvements	N/A	\$5,000,000	COJ	Construction
Newcastle Creek	COJ-191	Regional Stormwater Facility (RSF)	RSF planned under Master Stormwater Management Plan (MSMP); construction subject to funding	N/A	\$110,000	COJ	Planned
Miramar Creek	COJ-209	Conveyance Under San Jose	Planned under MSMP; construction schedule subject to funding	N/A	\$150,000	COJ	Planned
Big Fishweir Creek	COJ-214	In-line Dry Pond & Widen Downstream Channel	Planned under MSMP; construction schedule subject to funding	N/A	\$2,500,000	COJ	Planned

WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	TOTAL COST	FUNDING SOURCE	PROJECT STATUS
Goodbys Creek	COJ-235	Berm, New Ponds with Managed Aquatic Plant Systems (MAPS), Existing Ponds with MAPS	Planned under MSMP; construction schedule subject to funding	N/A	\$4,300,000	COJ	Planned
Open Creek	COJ-241	Conveyance Improvements Under Power Easement Near Deer Chase Place and Danforth Drive	Planned under MSMP; construction schedule subject to funding	N/A	\$296,000	COJ	Planned
Craig Creek	COJ-312	Phillips Hwy Pond	Wet detention pond	N/A	\$1,100,000	COJ	Planned
Craig Creek	COJ-313	Pine Forest	Wet detention pond	N/A	\$5,882,476	COJ	Construction
McCoy Creek	COJ-25	McCoy Creek – Ari Liquid site	Retrofit site and drainage	N/A	\$1,000,000	COJ	Construction
McCoy Creek	COJ-316	McCoy Creek Blvd.	Channel improvements	N/A	\$2,800,000	COJ	Planned
McCoy Creek	COJ-317	Newtown Drainage Improvements	Wet detention pond	N/A	\$5,791,000	COJ	Planned
Williamson Creek	COJ-319	Regional Stormwater Facility w/MAPS	Regional stormwater facility with MAPS	N/A	\$366,429	COJ	Planned
Deep Bottom Creek	COJ-328	Wet Detention Pond Near Senior Center	Planned under MSMP; construction subject to funding	N/A	\$2,100,000	COJ	Planned
Moncrief Creek	COJ-330	Regional Stormwater Facility	Planned under MSMP; construction subject to funding	N/A	\$6,700,000	COJ	Planned
Cormorant Branch	COJ-335	Regional Stormwater Facility 2AC RSF + 2-5 FT CMP + Bank	Planned under MSMP; construction subject to funding	N/A	\$6,700,000	COJ	Planned
Sherman Creek	COJ-339	Regional Stormwater Facility 5AC RSF + Conveyance Improvements	Planned under MSMP; construction subject to funding	N/A	\$1,800,000	COJ	Planned
Pottsburg Creek	COJ-342	Regional Stormwater Facility 8AC RSF + 7.5 AC RSF + MAPS in existing ponds	Planned under MSMP; construction subject to funding	N/A	\$11,112,000	COJ	Planned
BMAP I Tributaries	COJ-13	Tributaries BMAP Monitoring	11 total sites (all 11 BMAP I sites are sampled monthly)	132	\$20,432	COJ	Ongoing
BMAP I Tributaries	COJ-39	Number of Tributaries BMAP Resamples	Conducted when high levels of fecal coliform bacteria are noted, to attempt to identify sources	14	\$2,167	COJ	Ongoing

WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	TOTAL COST	FUNDING SOURCE	PROJECT STATUS
BMAP I Tributaries	COJ-284	Participate in TAT Calls and Efforts	Continue participation in TAT coordination calls and efforts	Ongoing	Unknown	COJ	Ongoing
BMAP I Tributaries	COJ-285	Source Identification Follow-up	Assist DEP in following up on source identification results that indicate human source	See COJ-39	See COJ-39	COJ	Ongoing
BMAP I Tributaries	COJ 286	Sample Analysis	Continue BMAP monitoring, with adjustments made as needed, and follow up on high results per TAT protocol. Add <i>E. coli</i> and <i>Enterococcus</i> as appropriate.	See COJ-13 and COJ-39	See COJ-13 and COJ-39	COJ	Ongoing
BMAP I Tributaries	COJ-287	Dumpster Inspection Program	Develop inspection program for dumpster areas behind restaurants, convenience stores, and grocery stores	Ongoing	Unknown	COJ	Ongoing
BMAP I Tributaries	COJ-288	Tributary Clean Up and Search for Illicit Connections	Promote community awareness of waterbody health, organize annual community cleanups, and inspect for illicit connections in 10 WBIDs over next 5 years.	Ongoing	Unknown	COJ	Ongoing
BMAP I Tributaries	COJ-289	Investigate Rerouted Stormwater	Investigate stormwater projects in each BMAP waterbody that may have diverted stormwater away from tributaries	Ongoing	Unknown	COJ	Ongoing
BMAP I Tributaries	COJ-290	Walk the WBID Follow-up	Address any action items identified as result of 2014 Walk the WBID	Ongoing	Unknown	COJ	Ongoing
BMAP II Tributaries	COJ-327	Tributaries BMAP Monitoring	18 total sites (all sites sampled monthly)	216	\$33,435	COJ	Ongoing
BMAP II Tributaries	COJ-52	Number of Tributaries BMAP Re-Samples	Conducted when high levels of fecal coliform bacteria are noted, to attempt to identify sources	18	\$5,310	COJ	Ongoing
BMAP II Tributaries	COJ-422	Participate in TAT Calls and Efforts	Continue participation in TAT coordination calls and efforts	Ongoing	Unknown	COJ	Ongoing
BMAP II Tributaries	COJ-423	Source Identification Follow-up	Assist DEP in following up on source identification results that indicate human source	See COJ-52	See COJ-52	COJ	Ongoing

WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	TOTAL COST	FUNDING SOURCE	PROJECT STATUS
BMAP II Tributaries	COJ-424	Sample Analysis	Continue BMAP monitoring, with adjustments made as needed, and follow up on high results per TAT protocol. Add <i>E. coli</i> and <i>Enterococcus</i> as appropriate.	See COJ-327 and COJ-52	See COJ-327 and COJ-52	COJ	Ongoing
BMAP II Tributaries	COJ-425	Dumpster Inspection Program	Develop inspection program for dumpster areas behind restaurants, convenience stores, and grocery stores	Ongoing	Unknown	COJ	Ongoing
COJ BMAP II Tributaries	COJ-426	Tributary Clean Up and Search for Illicit Connections	Promote community awareness of waterbody health, organize annual community cleanups, and inspect for illicit connections in 2 WBIDs per year.	Ongoing	Unknown	COJ	Ongoing
COJ BMAP II Tributaries	COJ-427	Investigate Rerouted Stormwater	Investigate stormwater projects in each BMAP waterbody that may have diverted stormwater away from tributaries	Ongoing	Unknown	COJ	Ongoing
COJ BMAP II Tributaries	COJ-428	Walk the WBID Follow-Up	Address any action items identified as result of 2014 Walk the WBID	Ongoing	Unknown	COJ	Ongoing

TABLE B-5: COJ PROJECT LIST CROSS-REFERENCE

Projects were listed in the Phase 1 BMAP documents by waterbody. Some COJ programs are citywide and cover many waterbodies, and so the same program was listed multiple times in earlier documents to ensure readers were aware of projects and programs that applied to each tributary watershed.

In an attempt to simplify reports and reporting efforts, DEP asked COJ to list each project or program only once and refer to the waterbodies to which each applies in the table. When project rows were combined, the duplicates were removed from the reporting tables above and corresponding project numbers were documented in the table below for cross-referencing previous reports to this report. BMAP II citywide projects were assigned BMAP I citywide project numbers in **Table B-4** to prevent the duplication of citywide activities.

PROJECT NUMBER	BMAP I OR II	ACTIVITY NAME	2015 ANNUAL REPORT RELATED ACTIVITY NUMBERS
COJ-253	I-citywide	Drainage System Repair and Rehabilitation	COJ-263, COJ-265, COJ-269, COJ-272, COJ-274
COJ-04	I-citywide	Ditch/Creek Regrade/Erosion/Clean	COJ-27, COJ-45, COJ-61, COJ-81, COJ-106, COJ-129, COJ-145, COJ-159, COJ-177
COJ-276	I-citywide	MS4 Drainage Ditch Vegetation Management	COJ-278, COJ-280, COJ-281, COJ-283
COJ-193	I-citywide	Ditch Hazardous/Contaminated	COJ-199, COJ-202, COJ-205, COJ-211, COJ-222, COJ-225, COJ-228, COJ-238, COJ-242
COJ-05	I-citywide	Lake or Pond Problem and Pond Maintenance	COJ-28, COJ-46, COJ-82, COJ-107, COJ-160, COJ-178, COJ-206, COJ-226, COJ-229
COJ-291	I-citywide	Contractor Pond Maintenance	NONE NEW ACTIVITY COMPLETED BY COJ MOWING & LANDSCAPE MAINTENANCE DIVISION
COJ-06	I-citywide	Structure Blocked/Repair/General Flooding	COJ-29, COJ-47, COJ-62, COJ-83, COJ-108, COJ-130, COJ-146, COJ-161, COJ-179
COJ-277	I-citywide	SWAT Proactive Maintenance Program	COJ-279, COJ-282
COJ-09	I-citywide	Sewer Overflow	COJ-33, COJ-51, COJ-67, COJ-87, COJ-112, COJ-134, COJ-165, COJ-182, COJ-231
COJ-10	I-citywide	Private Lift Station Inspection and Update GIS Coverage	COJ-34, COJ-52, COJ-68, COJ-88, COJ-115, COJ-135, COJ-149, COJ-166, COJ-183
COJ-11	I-citywide	IDDE	COJ-07, COJ-194, COJ-8, COJ-30, COJ-31, COJ-32, COJ-35, COJ-48, COJ-49, COJ-50, COJ-53, COJ-64, COJ-65, COJ-66, COJ-70, COJ-84, COJ-85, COJ-86, COJ-89, COJ-109, COJ-110, COJ-111, COJ-117, COJ-131, COJ-132, COJ-133, COJ-136, COJ-147, COJ-148, COJ-151, COJ-162, COJ-163, COJ-164, COJ-168, COJ-180, COJ-181, COJ-185, COJ-230, COJ-243
COJ-12	I-citywide	Routine Surface Water Sampling	COJ-37, COJ-55, COJ-71, COJ-90, COJ-120, COJ-137, COJ-153, COJ-170, COJ-187

PROJECT NUMBER	BMAP I OR II	ACTIVITY NAME	2015 ANNUAL REPORT RELATED ACTIVITY NUMBERS
COJ-14	I-citywide	Septic Tank Phase Out	COJ-15, COJ-40, COJ-57, COJ-58, COJ-73, COJ-92, COJ-93, COJ-94, COJ-95, COJ-96, COJ-123, COJ-154, COJ-171, COJ-172, COJ-188.
COJ-16	I-citywide	Septic Tank Maintenance Public Education	COJ-41, COJ-59, COJ-75, COJ-97, COJ-124, COJ-142, COJ-155, COJ-174 COJ-189
COJ-17	I-citywide	Pet/Animal Management Public Education	COJ-42, COJ-60, COJ-76, COJ-98, COJ-125, COJ-143, COJ-156, COJ-175, COJ-190
COJ-13	I	Tributaries BMAP Monitoring	COJ-38, COJ-72, COJ-91, COJ-138. Number of samples reported is subset of City wide surface water sampling to report monitoring events with WBIDs assigned to COJ as part of ongoing TAT monitoring program
COJ-39	I	Number of Tributaries BMAP Resamples	COJ-196, COJ-204, COJ-208, COJ-213, COJ-122, COJ-139, COJ-240, COJ-245
COJ-287	I	Dumpster Inspection Program	BMAP I Tributaries
COJ-284	I	Participate in TAT Calls and Efforts	BMAP I Tributaries
COJ-285	I	Source Identification Follow-Up	BMAP I Tributaries
COJ -286	I	Sample Analysis	BMAP I Tributaries
COJ-288	I	Tributary Cleanup and Search for Illicit Connections	BMAP I Tributaries
COJ-289	I	Investigate Rerouted Stormwater	BMAP I Tributaries
COJ-290	I	Walk the WBID Follow-Up	BMAP I Tributaries
COJ-374	II-citywide	Drainage System Repair and Rehabilitation	COJ-375, COJ-376, COJ-382, COJ-383, COJ-384, COJ-388, COJ-389, COJ-392, COJ-393, COJ-394, COJ-395, COJ-396, COJ-399, COJ-400 -
COJ-03	II-citywide	Ditch/Creek Regrade/Erosion/Clean	COJ-37, COJ-58, COJ-81, COJ-103, COJ-24, COJ-147, COJ-163, COJ-175, COJ-192, COJ-208, COJ-225, COJ-244, COJ-268, COJ-288
COJ-406	II-citywide	MS4 Drainage Ditch Vegetation Management	COJ-408, COJ-410, COJ-412, COJ-414, COJ-416,
COJ-347	II-citywide	Ditch Hazardous/Contaminated	COJ-362, COJ-373-
COJ-04	II-citywide	Lake or Pond Problem and Pond Maintenance	COJ-38, COJ-59, COJ-82, COJ-104, COJ-125, COJ-148, COJ-176, COJ-193, COJ-209, COJ-226, COJ-245, COJ-269, COJ-289
COJ-421	II-citywide	Contractor Pond Maintenance	No new activity completed by COJ Mowing & Landscape Division
COJ-05	II-citywide	Structure Blocked/Repair/General Flooding	COJ-39, COJ=60, COJ-83, COJ-105, COJ-126, COJ-149, COJ-164, COJ-177, COJ-194, COJ-210, COJ-227, COJ-246, COJ-270, COJ-290
COJ-405	II-citywide	SWAT Proactive Maintenance Program	COJ-407, COJ-409, COJ-411, COJ-413, COJ-415, COJ-417, COJ-418, COJ-419, COJ-420
COJ-09	II-citywide	Sewer Overflow	COJ-43, COJ-64, COJ-87, COJ-88, COJ-109, COJ-130, COJ-131, COJ-150, COJ-168, COJ-180, COJ-230, COJ-250, COJ-251, COJ-274, COJ-294, COJ-295

PROJECT NUMBER	BMAP I OR II	ACTIVITY NAME	2015 ANNUAL REPORT RELATED ACTIVITY NUMBERS
COJ-10	II-citywide	Private Lift Station Inspection and Update GIS Coverage	Inspections = COJ-44, COJ-65, COJ-91, COJ-110, COJ-132, COJ-154, COJ-169, COJ-181, COJ-199, COJ-215, COJ-231, COJ-252, COJ-275, COJ-296 GIS Coverage = COJ-11, COJ-45, COJ-66, COJ-92, COJ-111, COJ-133, COJ-155, COJ-170, COJ-182, COJ-200, COJ-216, COJ-232, COJ-253, COJ-276, COJ-296
COJ-06	II-citywide	IDDE	COJ-07, COJ-08, COJ-12, GOJ-40, COJ-41, COJ-42, COJ-48, COJ-61, COJ-62, COJ-63, COJ-68, COJ-84, COJ-85, COJ-86, COJ-93, COJ-106, COJ-107, COJ-108, COJ-113, COJ-127, COJ-128, COJ-129, COJ-135, COJ-150, COJ-151, COJ-152, COJ-158, COJ-165, COJ-166, COJ-167, COJ-172, COJ-178, COJ-179, COJ-391, COJ-185, COJ-195, COJ-196, COJ-197, COJ-202, COJ-211, COJ-212, COJ-213, COJ-218, COJ-228, COJ-229, COJ-234, COJ-247, COJ-248, COJ-249, COJ-256, COJ-271, COJ-272, COJ-273, COJ-278, COJ-291, COJ-292, COJ-293, COJ-300
COJ-14	II-citywide	Routine Surface Water Sampling	COJ-50, COJ-70, COJ-95, COJ-115, COJ-137, COJ-159, COJ-173, COJ-187, COJ-204, COJ-220, COJ-235, COJ-258, COJ-279, COJ-302
COJ-16	II-citywide	Septic Tank Phase Out	COJ-17, COJ-18, COJ-54, COJ-55, COJ-73, COJ-74, COJ-98, COJ-117, COJ-118, COJ-141, COJ-142, COJ-143, COJ-160, COJ-188, COJ-189, COJ-205, COJ-237, COJ-260, COJ-262, COJ-281, COJ-302, COJ-303, COJ-304, COJ-305
COJ-19	II-citywide	Septic Tank Maintenance Public Education	COJ-56, COJ-75, COJ-99, COJ-119, COJ-144, COJ-161, COJ-190, COJ-206, SOJ-223, COJ-238, COJ-263, COJ-282, COJ-306
COJ-20	II-citywide	Pet/Animal Management Public Education	COJ-57, COJ-76, COJ-100, COJ-120, COJ-145, COJ-191, COJ-207, COJ-224, COJ-239, COJ-264, COJ-283, COJ-307
COJ-327	II	Tributaries BMAP Monitoring	COJ-329, COJ-333, COJ-355, COJ-341, Number of samples reported is subset of citywide surface water sampling to report monitoring events with WBIDs assigned to COJ as part of ongoing TAT monitoring program.
COJ-52	II	Number of Tributaries BMAP Resamples	COJ-96, COJ-116, COJ-139, COJ-221, COJ-236, COJ-280, COJ-315, COJ-332, COJ-334, COJ-336, COJ-338, COJ-343, COJ-345, COJ-352,
COJ-425	II	Dumpster Inspection Program	BMAP II Tributaries
COJ-422	II	Participate in TAT Calls and Efforts	BMAP II Tributaries
COJ-423	II	Source Identification Follow-Up	BMAP II Tributaries
COJ-426	II	Tributary Cleanup and Search for Illicit Connections	BMAP II Tributaries
COJ-427	II	Investigate Rerouted Stormwater	BMAP II Tributaries
COJ-428	II	Walk the WBID Follow-Up	BMAP II Tributaries

TABLE B-6: NS MAYPORT PROJECT LIST

NS Mayport's reporting period is January 1 to December 31.

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	COST ESTIMATE	FUNDING SOURCE	PROJECT STATUS
2227	Sherman Creek	NSM-7	Pump Station Inspections and Maintenance	Inspect, maintain, and, clean sewage pump stations	14 pump stations	Unknown	Navy	Ongoing
2227	Sherman Creek	NSM-8	SSO Investigations	Investigate and document all SSOs	Entire sewage collection system	Unknown	Navy	Ongoing
2227	Sherman Creek	NSM-9	Cooking Oil and Grease Recycling Program	Recycle oil and grease from all cooking facilities on station; through contractual agreement with DARPRO Solutions. DARPRO removes used cooking oil and grease and recycles it; NS Mayport has constructed spill containment	All food handling establishments and ships	\$28,600	Navy	Ongoing
2227	Sherman Creek	NSM-10	Stormwater System Maintenance	Maintain vegetation and structures in stormwater system; remove trash and debris	Entire stormwater conveyance system	Contract sensitive	Navy	Ongoing
2227	Sherman Creek	NSM-12	Debris Removal	Remove trash and debris from grounds	All Naval Air Station (NAS) grounds	Contract sensitive	Navy	Ongoing
2227	Sherman Creek	NSM-13	Illicit Discharge Detection and Elimination	Systematically survey for and eliminate illicit connections/discharges to stormwater system	Entire stormwater collection system	Unknown	Navy	Ongoing
2227	Sherman Creek	NSM-14	Stormwater Public Education and Outreach Efforts	Publish quarterly articles in NS Mayport newspaper and housing newsletter; publish resident brochure	Entire station	Unknown	Navy	Ongoing
2227	Sherman Creek	NSM-15	Pet Waste Management/ Ordinance	Regulate pets in housing areas	All housing areas	Unknown	Navy	Ongoing
2227	Sherman Creek	NSM-16	Pet Waste Collection Stations	Install and maintain pet waste collection stations in recreational areas	2 recreational vehicle parks, beach access, and housing areas	\$1,417	Navy	Ongoing
2227	Sherman Creek	NSM-19	Storm Drain Markers	Install storm drain markers on street and parking lot stormwater inlets	Entire station	Unknown	Navy	Ongoing

TABLE B-7: JACKSONVILLE BEACH PROJECT LIST

Jacksonville Beach's reporting period is January 1 through December 31.

N/A- Not applicable

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	COST ESTIMATE	FUNDING SOURCE	PROJECT STATUS
2266	Hopkins Creek	JB-49	Noncontributing Basins	Areas in WBID that do not flow to Hopkins Creek: (1) Bentin Drive North south to Beach Boulevard, east to 11 th Street and west to WBID boundary; (2) Rosewood Drive, Oakwood Road, Pinewood Road to west WBID boundary; (3) 3 rd Street east to 1 st Street and 13 th Avenue North south to Beach Boulevard	Not applicable	Not applicable	N/A	N/A
2266	Hopkins Creek	JB-50	Sewer System Inspection	Maintain existing sewer system	Cleaning of 40,000 linear feet (LF)	\$45,000	Jacksonville Beach	Ongoing
2266	Hopkins Creek	JB-51	Sewer Manhole Inspections and Rehabilitation	Maintain existing sewer manholes	Coat interior of 100 manholes	\$150,000	Jacksonville Beach	Ongoing
2266	Hopkins Creek	JB-52	Sewer Pump Station Inspections and Maintenance	Routinely inspect existing pump stations	Inspect weekly and maintain as necessary	\$72,000	Jacksonville Beach	Ongoing
2266	Hopkins Creek	JB-53	Restaurant Grease Trap Inspections	Routinely inspect restaurant grease traps	Inspect restaurant grease traps as necessary on average: (1) interior type monthly; (2) exterior type bi-monthly	\$35,000	Jacksonville Beach	Ongoing
2266	Hopkins Creek	JB-54	Stormwater System Ditch and Canal Maintenance	Routinely inspect drainage ditch at 12 th Avenue North and 22 nd Street North, Pinewood ditch, and spray for aquatic weeds	Inspect routinely and ditch spray for aquatic weeds quarterly)	\$550 annually	Jacksonville Beach	Ongoing
2266	Hopkins Creek	JB-55	Stormwater System Pond Maintenance	Routinely inspect ponds after significant rainfall event	Inspect routinely and maintain as necessary	Unknown	Jacksonville Beach	Ongoing
2266	Hopkins Creek	JB-56	Stormwater System Pond Maintenance	Inspect annually as required by MS4 NPDES permit	Carry out annual inspection as required by MS4 NPDES permit	Unknown	Jacksonville Beach	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	COST ESTIMATE	FUNDING SOURCE	PROJECT STATUS
2266	Hopkins Creek	JB-57	Stormwater Pump Stations	Inspect stormwater pumps after significant rainfall event	Inspect weekly and after significant rainfall event and clean as necessary	Unknown	Jacksonville Beach	Ongoing
2266	Hopkins Creek	JB-58	Street sweeping	Routinely sweep curbed and guttered streets citywide. (Mon. 17 miles; Fri. – Sun. and holidays 7 miles)	Sweep curbed and guttered streets routinely citywide (97 miles monthly)	\$26,000 +	Jacksonville Beach	Ongoing
2266	Hopkins Creek	JB-59	Identification and Removal of Illicit Connections	Field observations to identify and coordinate removal of illicit connections	Illicit discharge training held biannually, every January and June. Any observed illicit discharges are reported for follow-up, illicit connections are removed, and reports are maintained electronically	Unknown	Jacksonville Beach	Ongoing
2266	Hopkins Creek	JB-61	Ocean Forest Drainage Imps	Ocean Forest area	2,927 LF of 15” to 36” storm sewer pipe, inlets, manholes, and related work	\$1,000,000	Jacksonville Beach	Planned
2266	Hopkins Creek	JB-62	Sewer Manhole Rehabilitation	Hopkins Creek watershed	Rehabilitation of 45 sewer manholes	\$140,000	Jacksonville Beach	Completed/ Ongoing
2266	Hopkins Creek	JB-63	4 th St. N. Sewer Imps.	4 th St. N. from 13 th to 18 th Ave. N.	Replacement of 1,800 LF of 8” to 12” sewer main, manholes, services, and related work	\$566,000	Jacksonville Beach	Planned
2266	Hopkins Creek	JB-64	Effluent Outfall Modifications	Repairs to effluent outfall at St. Johns River	Repairs to effluent outfall at St. Johns River (JB portion)	\$170,000	Jacksonville Beach	Planned
2266	Hopkins Creek	JB-65	Lift Station No. 7 Imps.	3 rd St. and 18 th Ave. N.	Relocation and construction of new lift station No. 7	\$945,000	Jacksonville Beach	Planned
2266	Hopkins Creek	JB-66	Lift Station No. 20 Abandonment	4 th St. and 15 th Ave. N.	Abandonment of lift station No. 20. Gravity flow to lift station No. 7	\$500,000	Jacksonville Beach	Planned
2266	Hopkins Creek	JB-67	Lift Station No.8 Abandonment	8 th St. and 18 th Ave. N.	Abandonment of lift station No. 8. Gravity flow to lift station No. 7	\$550,000	Jacksonville Beach	Planned

TABLE B-8: NEPTUNE BEACH PROJECT LIST

Neptune Beach's reporting period is June 1 through May 31.

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	COST ESTIMATE	FUNDING SOURCE	PROJECT STATUS
2266	Hopkins Creek	NB-3	Gravity Sanitary Sewer Collection System Operation and Maintenance	Carry out normal operation and maintenance of gravity sewer collection system in city	Citywide	\$350,000/yr	Neptune Beach	Ongoing
2266	Hopkins Creek	NB-4	SSO Investigations	Investigate SSOs as needed	No spills for June 1, 2014 – May 31, 2015	\$1,000/yr	Neptune Beach	Ongoing
2266	Hopkins Creek	NB-21	Daily Inspection of Lift Stations	Visually inspect lift station	13 lift stations; 4,729 inspections for June 1, 2014 – May 31, 2015	\$65,000/yr	Neptune Beach	Ongoing
2266	Hopkins Creek	NB-31	FOG Program	Routinely inspect grease traps and downstream sanitary sewer primarily at restaurant locations in city	28 inspections of restaurants in city for June 1, 2014 – May 31, 2015	\$5,000/yr	Neptune Beach	Ongoing
2266	Hopkins Creek	NB-32	Stormwater System Ditch and Canal Maintenance	Continually inspect and maintain city ditches; routinely inspect, mow, pick up litter, and repair as needed	133.7 miles inspected, 34.5 miles of maintenance for June 1, 2014 – May 31, 2015	\$90,000	Neptune Beach	Ongoing
2266	Hopkins Creek	NB-33	Stormwater System Pond Maintenance	Continually inspect and maintain city's four ponds; routinely inspect, mow, pick up litter, and repair as needed	74 inspections, 25 maintenance activities for June 1, 2014 – May 31, 2015	\$2,500/yr	Neptune Beach	Ongoing
2266	Hopkins Creek	NB-34	Stormwater Education and Outreach Efforts	Use city newsletter for public education and outreach	3,300 newsletters mailed out during June 1, 2014 – May 31, 2015	\$1,000/yr	Neptune Beach	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	COST ESTIMATE	FUNDING SOURCE	PROJECT STATUS
2266	Hopkins Creek	NB-35	Pet Waste Management/ Ordinance	Sec. 6-30. Defecation disposal. It shall be a violation for any owner of a dog to allow such dog to defecate on any property within the city other than the owner's private property without immediately removing such defecation with some sort of material, utensil or suitable container and depositing the defecation in a trash container. When walking a dog on any property within the city, other than the owner's property, the owner of that dog shall carry some sort of material, utensil or suitable container with which to depose of the defecation. The owner in violation of this chapter shall pay a civil penalty to the department [DEP] of public safety as set forth in section 6-5. (Ord. No. 1998-01, § 1, 4-6-98; Ord. No. 2005-09, § 5, 5-2-05)	Citywide	\$5,000/yr	Neptune Beach	Ongoing
2266	Hopkins Creek	NB-36	Street sweeping	Sweep roads with curb and gutter inside city limits	230.8 miles swept, 448 cubic yards of material collected for June 1, 2014 – May 31, 2015	\$35,000/yr	Neptune Beach	Ongoing
2266	Hopkins Creek	NB-37	Public Works Employee Training	Conduct annual training covering topics such as stormwater, illicit discharges, and Stormwater Pollution Prevention Plan (SWPPP)	22 people trained on 2015	Unknown	Neptune Beach	Ongoing
2266	Hopkins Creek	NB-38	Testing and Sampling	Increase water sampling of Hopkins Creek	COJ	Unknown	Neptune Beach	Ongoing
2266	Hopkins Creek	NB-39	Stormwater Pollution Prevention Plan	Inspect Public Works facility	2 inspections for June 1, 2014 – May 31, 2015	\$5,000	Neptune Beach	Ongoing
2266	Hopkins Creek	NB-43	Right-of-Way Maintenance and Litter Collection	Routinely mow, maintain, and pick up litter in rights-of-way	1,638 cubic yards of material removed for June 1, 2014 – May 31, 2015	\$65,000/yr	Neptune Beach	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	COST ESTIMATE	FUNDING SOURCE	PROJECT STATUS
2266	Hopkins Creek	NB-59	Bal Harbour Sanitary Sewer Improvements	Sanitary sewer rehabilitation and replacement in Bal Harbour neighborhood	Bal Harbour Estates Neighborhood, 5,000 LF	\$1,020,000	Neptune Beach	Completed
2266	Hopkins Creek	NB-60	400 and 500 Block Sanitary Sewer Improvements	Sewer rehabilitation and replacement of an estimated 50% of 400 and 500 block area south of Florida Blvd.	50% of 400 and 500 block area south of Florida Blvd.	\$1,500,000	Neptune Beach	Started 4 th quarter-2015 (4 blocks completed); ongoing

TABLE B-9: ATLANTIC BEACH PROJECT LIST

Atlantic Beach's reporting period is June 1 through May 31.

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	COST ESTIMATE	FUNDING SOURCE	PROJECT STATUS
2226	Hopkins Creek	AB-15	Pump Station Inspections and Maintenance	Inspect and maintain daily Monday–Friday; all monitored by Supervisory Control and Data Acquisition (SCADA) system with automatic callout 24 hours/day, 7 days/week, with technician on call; stations designed with redundancy; large stations have on-site emergency generators with automatic transfer switch; portable genset and pumps available for smaller stations; all mechanical/electrical problems are addressed immediately	3 lift stations	Unknown	Atlantic Beach	Ongoing
2226	Hopkins Creek	AB-23	SSO Investigations – Preventive	Implement FOG Program to monitor grease trap maintenance at restaurants	25 food service establishments	Unknown	Atlantic Beach	Ongoing
2226	Hopkins Creek	AB-27	Hopkins Creek Regional Stormwater Facility	Carry out water sampling – Section 319 grant requires 1 year of inlet and outlet water grab samples taken monthly; includes fecal coliform	Monthly sampling and laboratory testing	Unknown	Atlantic Beach/ Legisla- tive Appropriation	Required sampling complete. Quarterly fecal sampling continuing.
2226	Hopkins Creek	AB-28	Public Education through Contract with Felicia M. Boyd	Stormwater water quality best management practices (BMPs); public education through for stormwater and sewer	4,021 participants	\$5,000/yr	Atlantic Beach	Ongoing
2226	Hopkins Creek	AB-29	Stormwater System Ditch and Canal Inspections	Visually inspect weekly, take corrective action taken as needed; mow, use weed-eater, and pick up litter weekly during growing season, as needed in colder months	796,164 LF	Unknown	Atlantic Beach	Ongoing
2226	Hopkins Creek	AB-30	Stormwater System Ditch and Canal Maintenance	Routinely clean and maintain ditches as required by MS4 permit	733,158 LF	Unknown	Atlantic Beach	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	COST ESTIMATE	FUNDING SOURCE	PROJECT STATUS
2226	Hopkins Creek	AB-31	Stormwater Treatment Ponds Inspections	Routinely inspect ponds as required by MS4 permit	394 pond inspections	Unknown	Atlantic Beach	Ongoing
2226	Hopkins Creek	AB-32	Stormwater Treatment Ponds Cleaning and Maintenance	Carry out routine pond maintenance as required by MS4 permit	288 pond maintenance events	Unknown	Atlantic Beach	Ongoing
2226	Hopkins Creek	AB-33	Stormwater Treatment Ponds, Ditch and Canal Aquatic Weed Control	Weed control by Bluewater Environmental	Not applicable	Annual budget – \$36,000	Atlantic Beach	Ongoing
2226	Hopkins Creek	AB-34	Stormwater Control Structure Inspections	Conduct routine control structure inspections as required by MS4 permit	270 structures	Unknown	Atlantic Beach	Ongoing
2226	Hopkins Creek	AB-35	Stormwater Control Structure Cleaning and Maintenance	Do only when inspection shows additional effort required; carry out routine cleaning and maintenance as required by MS4 permit	198 structures	Unknown	Atlantic Beach	Ongoing
2226	Hopkins Creek	AB-36	Stormwater Pump Station Inspections	Routinely inspect Town Center pump station as required by MS4 permit	1 station	Unknown	Atlantic Beach	Ongoing
2226	Hopkins Creek	AB-37	Stormwater Pump Station Maintenance	Routinely maintain Town Center pump station as required by MS4 permit	1 pump station	Unknown	Atlantic Beach	Ongoing
2226	Hopkins Creek	AB-38	Stormwater Inlets/Catch Basins/Grates Inspections	Routinely inspect inlets and catch basins as required by MS4 permit	14,456 inspections of inlets/catch basins/grates	Unknown	Atlantic Beach	Ongoing
2226	Hopkins Creek	AB-39	Stormwater Inlets/Catch Basins/Grates Maintenance	Maintain as required by MS4 permit	14,456 maintenance actions inlets/catch basins/grates	Unknown	Atlantic Beach	Ongoing
2226	Hopkins Creek	AB-40	Stormwater Pipe Inspection and Maintenance	Schedule stormwater pipe cleaning routinely, and in response to complaints; required by MS4 permit	1,968 LF	Unknown	Atlantic Beach	Ongoing
2226	Hopkins Creek	AB-41	Stormwater Pipe Maintenance (Repair/Replacement)	Repair or replace stormwater pipe	1 catch basin	\$1,760	Atlantic Beach	Ongoing
2226	Hopkins Creek	AB-42	Total Miles of Right-of-Way Maintenance	Maintain right-of-way	13.08 miles	Unknown	Atlantic Beach	Ongoing
2226	Hopkins Creek	AB-43	Litter Collection	Collect litter	26,295 pounds/yr	Unknown	Atlantic Beach	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	COST ESTIMATE	FUNDING SOURCE	PROJECT STATUS
2226	Hopkins Creek	AB-47	Pet Feces Control	Install, maintain, and stock Dogi-Pot stations throughout city	More than 30 installed to date	\$5,000	Atlantic Beach	Ongoing
2226	Hopkins Creek	AB-48	Pet Feces Control	City Code 12.(b).14 requires removal and proper disposal of pet waste	As needed	Unknown	Atlantic Beach	Ongoing
2226	Hopkins Creek	AB-49	Street Sweeping	Sweep streets throughout city	Bimonthly sweeping	\$19,500	Atlantic Beach	Ongoing
2226	Hopkins Creek	AB-50	Identification and Removal of Illicit Connections	Conduct field inspections to identify and remove illicit connections	As needed	Unknown	Atlantic Beach	Ongoing
2226	Hopkins Creek	AB-160	Effluent Gravity Outfall Inspection and Maintenance	Perform cleaning and closed-circuit television inspection of 21" gravity outfall on Donner Rd. Perform needed repairs if identified and root-cutting.	5,500 +/- LF (1,600+/- LF in watershed)	\$50,000	Atlantic Beach	In Progress
2226	Hopkins Creek	AB-161	Vac Truck Cleaning of Stormwater Pipers and Sanitary Sewer Clogs	Purchase of Vac-Con truck for "in-house" cleaning of storm sewers and sanitary sewer facilities to more effectively prevent stormwater backups and SSOs.	Improved maintenance of total system	\$330,000	Atlantic Beach	Budgeted
2227	Sherman Creek	AB-51	Septic Tank Inspections and Enforcement	When septic tanks fail, city code requires connection to sewer system if available	Ongoing	Unknown	Atlantic Beach	Ongoing
2227	Sherman Creek	AB-104	SSO Investigations – Preventive	Implement FOG Program to monitor grease trap maintenance at restaurants	40 food service establishments	Unknown	Atlantic Beach	Ongoing
2227	Sherman Creek	AB-112	Public Education Through Contract with Felicia M. Boyd	Implement stormwater water quality BMPs; carry out public education for stormwater and sewer	4,021 participants	\$5,000/yr	Atlantic Beach	Ongoing
2227	Sherman Creek	AB-113	Stormwater System Ditch and Canal Inspections	Visually inspect stormwater systems weekly and take corrective action as needed; mow, use weed-eater, and pick up litter weekly during growing season, and as needed during colder months	1,133,404 LF	Unknown	Atlantic Beach	Ongoing
2227	Sherman Creek	AB-114	Stormwater System Ditch and Canal Maintenance	Routinely clean and maintain ditches as required by MS4 permit	797,026 LF	Unknown	Atlantic Beach	Ongoing

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	COST ESTIMATE	FUNDING SOURCE	PROJECT STATUS
2227	Sherman Creek	AB-115	Stormwater Treatment Ponds Inspections	Routinely inspect ponds as required by MS4 permit	141 pond inspections	Unknown	Atlantic Beach	Ongoing
2227	Sherman Creek	AB-116	Stormwater Treatment Ponds Cleaning and Maintenance	Routinely maintain ponds as required by MS4 permit	119 pond maintenance events	Unknown	Atlantic Beach	Ongoing
2227	Sherman Creek	AB-117	Stormwater Treatment Ponds, Ditch and Canal Aquatic Weed Control	Weed control by Bluewater Environmental	Not applicable	Annual budget – \$36,000	Atlantic Beach	Ongoing
2227	Sherman Creek	AB-118	Stormwater Control Structure Inspections	Carry out routine control structure inspections required by MS4 permit	141 structures	Unknown	Atlantic Beach	Ongoing
2227	Sherman Creek	AB-119	Stormwater Control Structure Cleaning and Maintenance	Do only when inspection shows additional effort required; carry out routine cleaning and maintenance as required by MS4 permit	107 structures	Unknown	Atlantic Beach	Ongoing
2227	Sherman Creek	AB-120	Stormwater Inlets/Catch Basins/Grates Inspected	Routinely inspect as required by MS4 permit	61,152 inspections of inlets/catch basins/grates	Unknown	Atlantic Beach	Ongoing
2227	Sherman Creek	AB-121	Stormwater Inlets/Catch Basins/Grates Maintained	Maintain as required by MS4 permit	79,968 maintenance actions inlets/catch basins/grates	Unknown	Atlantic Beach	Ongoing
2227	Sherman Creek	AB-122	Stormwater Pipe Inspection and Maintenance	Carry out stormwater pipe cleaning routinely and in response to complaints, as required by MS4 permit	3,674 LF	Unknown	Atlantic Beach	Ongoing
2227	Sherman Creek	AB-123	Stormwater Pipe Maintenance (Repair/Replacement)	Repair or replace stormwater pipe	20 LF	Unknown	Atlantic Beach	Ongoing
2227	Sherman Creek	AB-124	Total Miles of Right-of-Way Maintained	Maintain right-of way	39.23 miles	Unknown	Atlantic Beach	Ongoing
2227	Sherman Creek	AB-125	Collect Litter	Collect litter	118,027.5 lbs/yr	Unknown	Atlantic Beach	Ongoing
2227	Sherman Creek	AB-133	Pet Feces Control	Install, maintain, and stock Dogi-Pot stations throughout city	More than 30 installed to date	\$5,000	Atlantic Beach	Ongoing
2227	Sherman Creek	AB-163	Sewer Line Upgrades	Rehabilitate Sanitary sewer mains on Sea Oats Dr., Park Ter. E, Park Ter. W, and 17 th St. using CIPP.	4,300 LF of 8" and 12" sewer main	\$150,000	Atlantic Beach	In Progress

WBID NUMBER	WATERBODY NAME	PROJECT NUMBER	PROJECT NAME	PROJECT DESCRIPTION	LEVEL OF EFFORT	COST ESTIMATE	FUNDING SOURCE	PROJECT STATUS
2227	Sherman Creek	AB-164	Manhole Inspections and Rehabilitation	Rehabilitate manholes on Sea Oats Dr., Park Ter. E, Park Ter. W, and 17 th St. using Spectrashield.	12 manholes	\$50,000	Atlantic Beach	In Progress
2227	Sherman Creek	AB-165	Vacuum Truck Cleaning of Stormwater Pipers and Sanitary Sewer Clogs	Purchase of Vac-Con truck for “in-house” cleaning of storm sewers and sanitary sewer facilities to more effectively prevent stormwater backups and SSOs.	Improved maintenance of total system	\$330,000	Atlantic Beach	Budgeted
2227	Sherman Creek	AB-166	Salt Air Neighborhood Stormwater Improvements	Restoration of roadside swales and drainage infrastructure.	Approx. 3,500 LF of roadway swales	\$292,000	Atlantic Beach	Completed

APPENDIX C: FDACS BMP ENROLLMENT FOR BMAP I TRIBUTARIES

Table C-1 summarizes agricultural land categories in the LSJR Tributaries I Basin, according to 2009 SJRWMD land use data. Prominent agricultural land uses are improved pasture and rangeland.

TABLE C-1: 2009 AGRICULTURAL LAND USES IN THE LSJR TRIBUTARIES I BASIN

LAND USE CODE	CODE DESCRIPTION	TOTAL ACRES
2110	Improved Pasture	56.98
2150	Field Crops	10.89
2310	Feeding Operations	4.06
3300	Rangeland	20.21
	TOTAL ACRES	92.14

Table C-2 illustrates the 2009 SJRWMD agricultural land use data in the BMAP area, the acreage associated with commodity types addressed by the FDACS Office of Agricultural Water Policy (OAWP) best management practice (BMP) manuals, and the acres enrolled in OAWP BMP programs. All agricultural nonpoint sources in the BMAP area are statutorily required either to implement FDACS-adopted BMPs or to conduct water quality monitoring that demonstrates compliance with state water quality standards.

According to land use data, 92.14 acres of agricultural lands are located in the LSJR Tributaries I Basin. As of June 30, 2015, one operation is enrolled in the cow/calf BMAP manual and includes 54.73 acres (**Figure C-1**). According to 2009 data, there were 4.06 acres of feeding operations in the LSJR Tributaries I Basin. This operation was previously a dairy that is no longer in operation, and that acreage is now covered under a cow/calf notice of intent (NOI).

The remaining 37.41 acres of agricultural lands may be eligible for enrollment in the vegetable/agronomic crops manual and/or the conservation plan rule. Over the next five years, the OAWP will work to identify whether these additional lands should be enrolled in the FDACS BMP Program. However, it is unlikely that this acreage will be eligible for enrollment because FDACS and DEP undertook a compliance assistance effort for the LSJR Basin beginning in 2013. As part of this effort, both FDACS and DEP sent letters to the unenrolled agricultural landowners in the LSJR Basin. These letters resulted in the enrollment of nearly all eligible landowners. FDACS will continue to determine whether 100% enrollment of eligible acreage has been achieved in the LSJR Basin.

Not all of the acreage listed as agriculture in **Table C-2** is included in enrollment figures because the NOIs only document the estimated total number of acres on which applicable BMPs are implemented, not the entire land use acreage mapped as agriculture. Land use data can contain nonproduction acres (such as buildings, parking lots, and fallow acres) that will not be counted on the NOIs submitted to the OAWP. There also may be acreage that is not appropriate for enrollment in OAWP BMPs, such as lands not in commercial production (defined as operations conducted as a business).

TABLE C-2: AGRICULTURAL ACREAGE AND BMP ENROLLMENT FOR THE LSJR TRIBUTARIES I BASIN AS OF SEPTEMBER 31, 2015

¹ Includes land use codes 2110 and 3300.

2009 SJRWMD LAND USE	2009 ACRES	RELATED FDACS BMP PROGRAMS	ACREAGE ENROLLED	RELATED NOIS
Pasture/Rangeland ¹	877.19	Cow/Calf	54.73	1
Row/Field/Mixed Crops	18.9	Vegetable/Agronomic Crops	0	0
Feeding Operations	4.06	Conservation Plan Rule	0	0
TOTAL	92.14		54.73	1

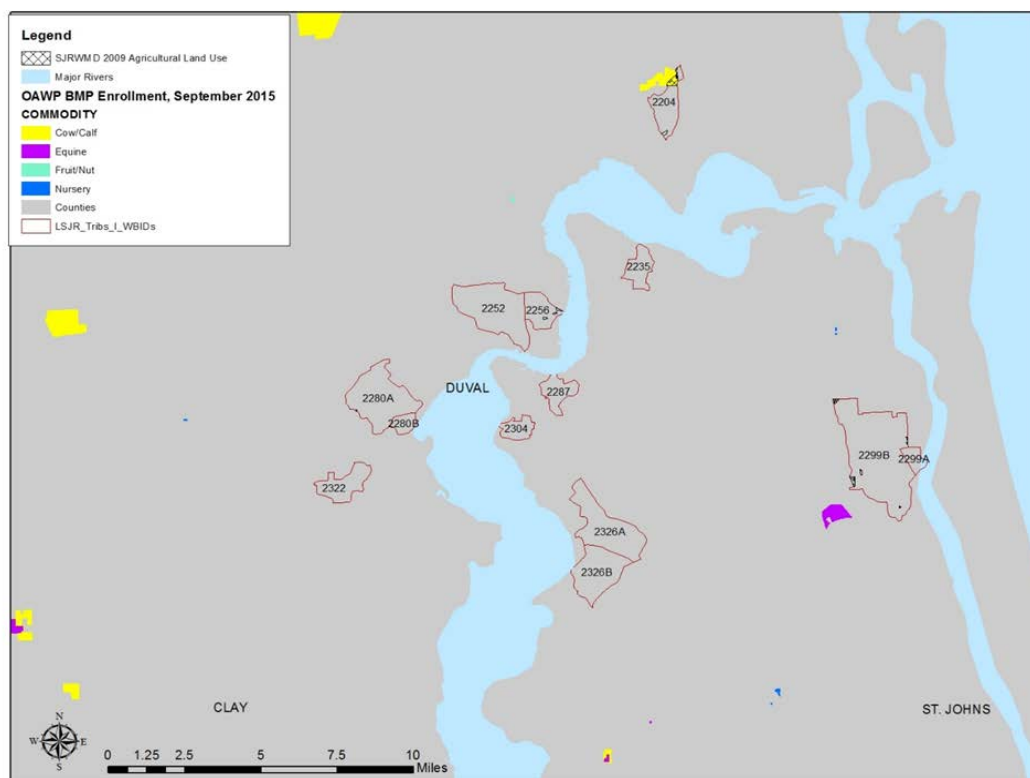


FIGURE C-1: OAWP BMP ENROLLMENT IN THE LSJR TRIBUTARIES I BASIN AS OF SEPTEMBER 31, 2015

APPENDIX D: FDACS BMP ENROLLMENT FOR BMAP II TRIBUTARIES

A summary of agricultural land categories in the LSJR Tributaries II basin, according to 2009 SJRWMD land use data, is provided in **Table D-1**. Prominent agricultural land uses are pasture and row crops.

TABLE D-1: AGRICULTURAL LAND USES IN THE LSJR TRIBUTARIES II BASIN

LAND USE CODE	CODE DESCRIPTION	TOTAL ACRES
2110	Improved Pasture	453.0
2120	Unimproved Pasture	209.6
2130	Woodland Pasture	52.1
2140	Row Crops	1.3
2150	Field Crops	245.0
2320	Poultry Feeding Operations	4.7
2410	Tree Nurseries	7.6
2430	Ornamentals	7.3
2510	Horse Farms	41.1
2520	Dairies	60.6
3300	Mixed Upland Nonforested	131.0
	TOTAL ACRES	1,213.3

BMP Enrollment

The land use data figures for agriculture in the BMAP area, the acreage associated with commodity types addressed by FDACS OAWP BMP manuals, and the acres enrolled in OAWP BMP programs are summarized in **Table D-2**. All agricultural nonpoint sources in the BMAP area are statutorily required either to implement FDACS-adopted BMPs or to conduct water quality monitoring that demonstrates compliance with state water quality standards.

Current enrollment in OAWP BMPs as of September 30, 2015, is 5.5 acres (see **Figure D-1**). This operation is enrolled in the specialty fruit and nut BMP manual. According to 2009 SJRWMD land use data, 1,213.1 acres of agricultural lands are located in the LSJR Tributaries II Basin. Some of these lands may be eligible for enrollment in the cow/calf manual, vegetable/agronomic crops manual, conservation plan rule, nurseries manual, or equine manual. The dairy acreage may be eligible for enrollment once the FDACS dairy manual is adopted in early 2016. However, in 2013 the OAWP worked with DEP to ensure that agricultural landowners knew of their statutory responsibility to implement BMPs in the LSJR Main Stem BMAP area.

As part of this effort, the OAWP and DEP worked extensively to review aerial photography to determine whether the land use was correct, as well as to enroll all applicable agricultural producers in the basin under the OAWP BMP programs. Many of the properties were determined to be noncommercial agriculture or out of production; therefore, the OAWP thinks that few, if any, additional enrollments will be made in this area.

For example, upon inspection of the land use classified as poultry feeding operations, the OAWP determined that the area houses old sheds and no signs of a former or current poultry feeding operation. Over the next five years, the OAWP will work to identify whether these additional lands should be enrolled in the related FDACS BMP programs.

In addition, not all of the acreage listed as agriculture in **Table D-2** will be included in enrollment figures, because the NOIs only document the estimated total number of acres on which applicable BMPs are implemented, not the entire land use acreage mapped as agriculture. Land use data can contain nonproduction acres (such as buildings, parking lots, and fallow acres) that will not be counted on the NOIs submitted to the OAWP. There also may be acreage that is not appropriate for enrollment in OAWP BMPs, such as lands not in commercial production (defined as operations conducted as a business).

TABLE D-2: AGRICULTURAL ACREAGE AND BMP ENROLLMENT FOR THE LSJR TRIBUTARIES II BASIN AS OF SEPTEMBER 31, 2015

¹ Includes land use codes 2110, 2120, 2130, and 3300.

² Includes land use codes 2140 and 2150.

³ Includes land use codes 2410 and 2430.

⁴ The dairy BMP manual is expected to be adopted by early 2016.

2009 SJRWMD LAND USE	2009 ACRES	RELATED FDACS BMP PROGRAMS	ACREAGE ENROLLED	RELATED NOIs
Pasture/Rangeland ¹	845.7	Cow/Calf	0	0
Row/Field/Mixed Crops ²	246.1	Vegetable/Agronomic Crops	0	0
Poultry Feeding Operations	4.7	Conservation Plan Rule	0	0
Nurseries ³	14.9	Nurseries: Specialty Fruit and Nut	5.5	1
Horse Farms	41.1	Equine	0	0
Dairies	60.6	Conservation Plan Rule ⁴	0	0
Totals	1,213.1		5.5	1

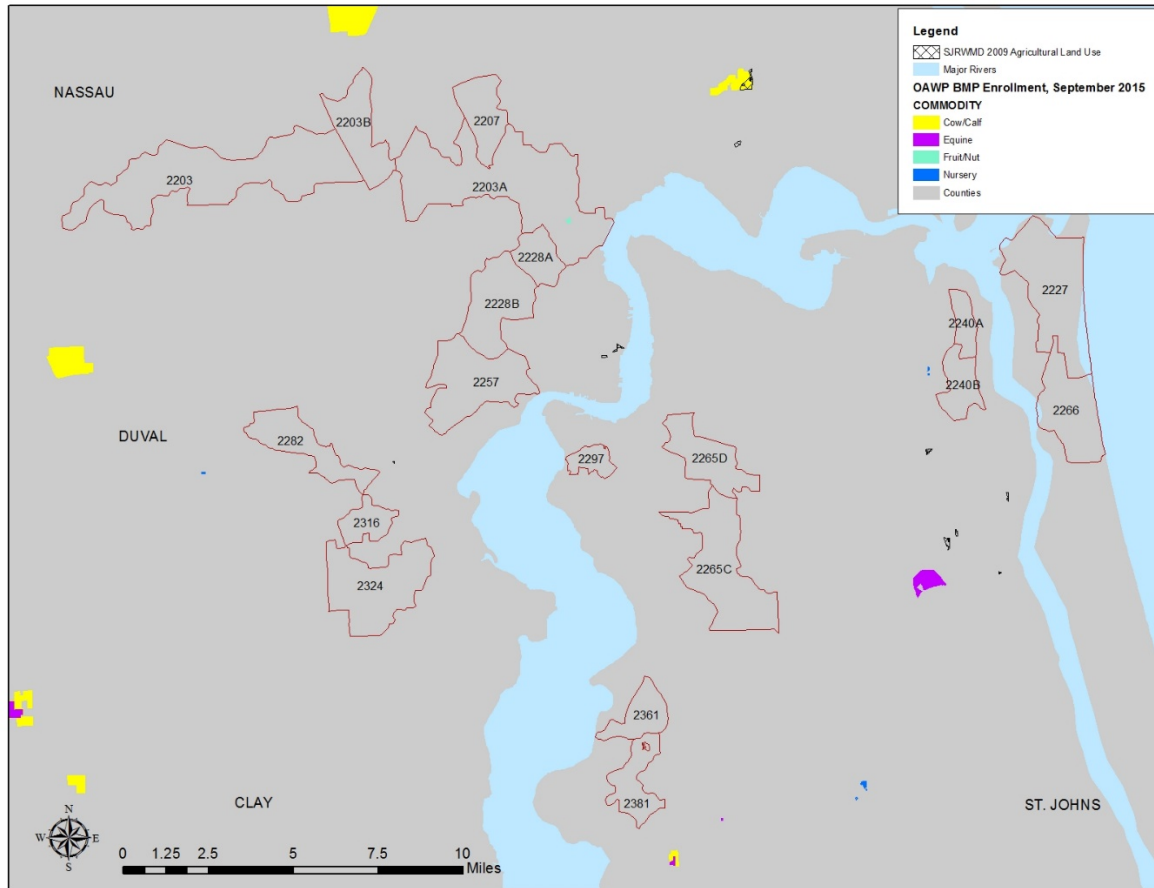


FIGURE D-1: OAWP BMP ENROLLMENT IN THE LSJR TRIBUTARIES II BASIN AS OF SEPTEMBER 31, 2015

APPENDIX E: COJ PROJECT LIST SUPPLEMENTAL INFORMATION

The annual reporting period (June 1, 2014, through May 31, 2015) coincides with Year 4 of the COJ's NPDES permit for all activities with the exception of the Septic Tank Phase Out. The septic tank phase-out reporting period was extended through July 31, 2015, to coincide with the midpoint reporting period and progress letter submitted to DEP.

Septic Tank Phase Out

During 2014, the COJ and JEA used a combination of customer database information, infrastructure as-built information, and spatial processing to evaluate over 2,750 septic tanks for inclusion in the Lateral Only Connection (LOC) phase of the city's Septic Tank Phase-Out Program.

The LOC phase of the program is now fully under way and expected to be substantially complete in 2016. During the Tributaries I and II BMAP reporting period, a total of 117 septic tanks were phased out under the LOC program or were privately connected. It should be noted that not all phased-out septic tanks provided nutrient reduction improvement to the affected tributary. The following is a breakout of the septic tanks phased out in each Tributaries BMAP:

- 6 septic tanks in Tributaries I BMAP waterbodies.
- 21 septic tanks in Tributaries II BMAP waterbodies.

The next phase of the city's Septic Tank Phase-Out program, which focuses on the extension of existing sewer mains, has begun. The scope will include the evaluation and study of parcels that would provide water quality improvement if targeted sewer main extensions from existing gravity sewer systems were to be designed and constructed. The analysis to select and prioritize main extension project areas includes the depth of the existing infrastructure and pump station needs, along with the following:

- Duval County Health Department Septic Failure Area.
- The last recorded rating of the failure area.
- Within a Tributaries I or II BMAP.
- Proximity to surface water.

The extension of the sewer main will provide the infrastructure necessary for homeowners to voluntarily connect to central sewer. This phase of the project continues to be a cost savings over traditional sewer infrastructure expansion because it is targeted at a small area (typically 200 to 600 feet), with most homes providing a water quality improvement. Although the cost is higher than the LOC phase, it is still a lower overall cost than full neighborhood sewer expansion projects, which typically require pump stations, property acquisition, and far more invasive construction.

IDDE Inspections

Jacksonville Environmental Protection Board Rule 3 (Water Pollution) was revised and made effective May 2, 2011. These rules allow the MS4 staff to conduct inspections and monitor discharges to the MS4, to prohibit discharges and illegal dumping and spills, and to give staff authority to take legal actions to eliminate illicit discharges, connections, and spills to the MS4 and surface waters.

The COJ Environmental Quality Division (EQD) conducts proactive and reactive illicit discharges and connections investigations in Duval County on behalf of both the COJ and FDOT. The city's IDDE Inspection and Enforcement Program contributes considerably to the reduction of stormwater pollutant loads by reporting, eliminating, and enforcing illicit discharges to the MS4.

Through the end of Year 4 of the current NPDES permit cycle, COJ has identified 1,132 illicit discharges, connections, and/or dumping. During the current Tributaries I and II BMAP reporting period, the city accomplished the following:

- Completed 1,017 proactive and reactive IDDE inspections. Of the 1,017 inspections, the COJ identified and eliminated 135 illicit connections/discharges and illegal dumping sites citywide.
- Issued 79 notices of violation and assessments of \$12,800 in fines.

In the Tributaries I and II WBIDs, the city conducted 38 IDDE investigations:

- Tributaries I BMAP – Conducted 30 IDDE investigations with 2 confirmed illicit connections/discharges removed.

- Tributaries II BMAP – Conducted 8 IDDE investigations with 1 confirmed illicit connection/discharge removed.

Private Lift Station Inspections

During the current reporting period, the COJ EQD inspected a total of 220 private lift stations. This total included the identification and inspection of 99 additional private lift stations, which have been added to the city's Private Lift Stations Inventory. The following is a breakdown of the number of private lift stations inspected and identified within the Tributaries I and II BMAP areas:

- Tributaries I BMAP:
 - 17 private lift stations inspected.
 - 4 private lift stations added to the inventory.
- Tributaries II BMAP:
 - 26 private lift stations inspected.
 - 11 private lift stations added to the inventory.

SWAT Proactive Maintenance Program

In late 2013, the COJ Stormwater Utility completed a review of drainage work orders and citizen complaints. Areas found to have a high number of repeat reactive work orders and citizen complaints were delineated and prioritized for proactive maintenance.

During 2015, the SWAT Proactive Maintenance Program continued to focus on removing illegal connections, debris, and excess vegetation from conveyance and outfall ditches, and repairing and cleaning interconnected closed conveyances. During 2016, the SWAT Program will continue to focus on cleaning and removing debris and illegal connections in the COJ's MS4 conveyance and outfall ditches and connected culverts.

Vegetation Management

The Mowing and Landscape Maintenance (M&LM) Division continues to expand its conveyance and outfall ditch vegetation management program. During 2015, the division assumed vegetation management responsibility for all roadside ditches. Outfall ditches cleaned by SWAT crews during 2015

were also transferred to M&LM for vegetation management. When a potential illicit discharge is observed, the COJ EQD is informed and a follow-up IDDE investigation, including source sampling if required, is completed.

Pond Maintenance

The M&LM Division is now responsible for routine litter removal, mowing, and vegetation management of all COJ stormwater ponds. This work requires that contractors and city staff inspect each pond monthly. When a potential illicit discharge is observed, the EQD is informed and a follow-up IDDE investigation, including source sampling if required, is completed.

Public Outreach and Education

The COJ Public Outreach and Education plan was updated and implemented during NPDES Permit Year 1. Additionally, existing programs and record keeping systems were enhanced and new partner programs developed. During the current NPDES Cycle 3 permit period, the percentage of population reached has increased steadily from 9% to over 50%. Moreover, the number of visitors to the city's stormwater-related website pages has steadily increased each year, exceeding 475,000 visits during the current reporting period.

Water Quality Monitoring and Sampling

The COJ maintains several river and tributary sampling networks. The Routine Tributary Network (ambient tributary program) consists of 103 locations, with each site sampled quarterly. Station locations are often near bridges and roadways to facilitate sampling efforts; sites are both above and within tidal influence from the St. Johns River or Intracoastal Waterway. The primary objective of this program is the collection of a long-term dataset that will enable the city to document water quality trends.

Parameters include field observations, weather information, metered parameters, (dissolved oxygen, percent saturation of dissolved oxygen, pH, temperature, salinity and specific conductance), and fecal coliform bacteria. Of the 103 sites, 10 sites are also included as Tributaries BMAP sites sampled monthly, and so the number of routine sites sampled quarterly is 93, for a total of 372 samples per year.

The EQD samples additional tributary stations monthly in 5 of the 10 BMAP I streams (currently 11 total sites) as part of the BMAP source assessment sampling obligations. The EQD collected 132 samples for BMAP I streams.

The EQD also samples additional tributary stations monthly in 5 of the 15 BMAP II streams (currently 18 total sites) as part of the BMAP source assessment sampling obligations. The EQD collected 216 samples for BMAP II streams. The EQD collected 720 samples in all tributaries in 2014–15.

Through coordination with the TAT, a protocol has been established for investigating high bacteria counts. When a tributary bacteria sample exceeds 5,000 cfu/100mL, resampling is conducted upstream and downstream to attempt to determine the source of the elevated bacteria levels. The EQD has elected to conduct follow-up sampling on high bacteria counts from the routine ambient tributary network whenever possible as well as the BMAP sampling. In 2014–15, EQD staff collected 46 follow-up water samples in all tributaries. Of these, 14 samples were located in the BMAP I tributaries and 18 samples were located in the BMAP II tributaries.

One example of follow-up sampling occurred in an “Unnamed Branch” of McGirts Creek (WBID 2338). This situation occurred in November 2015. Fecal coliform levels are usually low at Site OR13. On November 19, 2015, results were 88,182 cfu/100mL. Rainfall on the day of sampling totaled 0.5 inches. Resampling 5 days later on November 24 showed coliform levels had dropped to 541 cfu/100mL at OR13. The results for 4 upstream sites were 270, 90, 1,800, and 1,171 cfu/100mL. A field investigation in the rural WBID drainage area was conducted. An examination of two lift stations in the WBID revealed no issues or overflows. The field survey revealed the presence of horses in 3 locations, cows were present in 3 areas, goats were noted in 1 area, and dogs were also present. These animals were likely the cause of the elevated fecal coliform reading at OR13 following rainfall runoff.

Walk-the-WBID Follow-Up

Walk-the-WBID action items (short-term issues, such as trash removal) that were identified for COJ action from the 2014 Tributary BMAP I walks and the 2015 Tributary BMAP II walks have been addressed.

The COJ will continue to create and find opportunities to organize community cleanups for the creeks.

As part of the International Coastal Cleanup, the COJ selected a site at Trout River to clean up trash along the shoreline. The team collected three bags of trash and spoke to several citizens visiting the park to talk about the importance of these efforts and not contributing further to the trash in waterways. This new program will continue to be reshaped to include community-involved tributary cleanups.

Monthly cleanups of McCoy's Creek were scheduled throughout 2015 by Rising Tides, a young professionals' group associated with St. Johns Riverkeepers. This group completed 9 cleanups during the year that included 264 volunteers, 607 volunteer hours, and 296 bags of trash collected totaling 5,920 lbs. Additionally, 12 abandoned tires were collected.

Cleanup events held in spring 2015 by Keep Jacksonville Beautiful included sites impacting Pottsburg Creek, McCoy's Creek, Hogan Creek, and Big Fishweir Creek. At these events, 124 volunteers put in 347 volunteer hours to collect 188 bags of trash weighing 3,760 pounds. Included in the trash collection were 4 tires, 2 vehicle bumpers, a diving board, and 2 hubcaps.