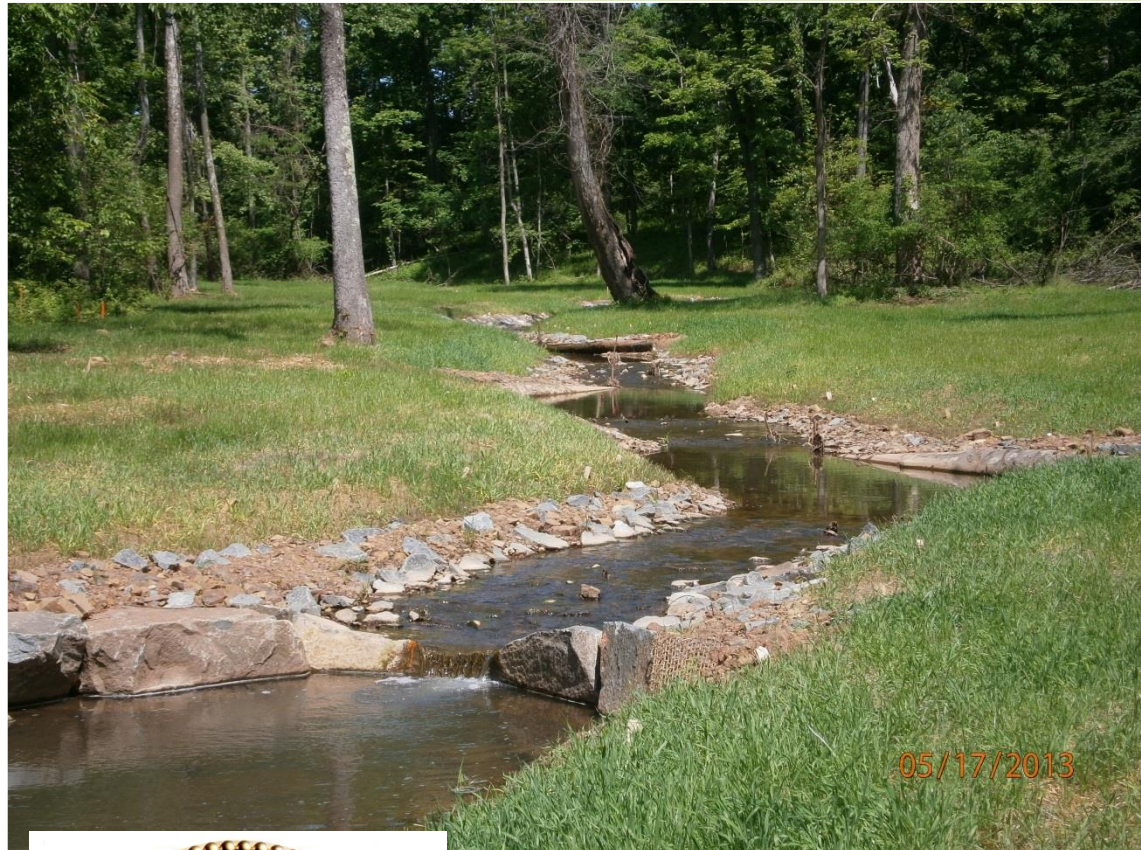


October 2015

Annual Stormwater Management Report

VSMP Permit No. 0088595 - FY2015



Submitted by:
Prince William County
Department of Public Works

Table of Contents

I.	<i>Background</i>	3
	Introduction	3
	MS-4 Program Plan Modifications	3
	Certification	3
II.	<i>Program Implementation</i>	4
1.	MS-4 Program Review and Updates	4
2.	Planning	4
3.	MS4 Program Implementation	4
a.	Construction Site Runoff and Post Construction Runoff	4
b.	Retrofitting on Prior Developed Lands	7
c.	Roadways	10
d.	Pesticide, Herbicide, and Fertilizer Application	15
e.	Illicit Discharge and Improper Disposal	19
f.	Spill Prevention and Response	26
g.	Industrial and High Risk Runoff	27
h.	Storm Sewer Infrastructure Management	31
i.	County Facilities	41
j.	Public Education and Participation	42
k.	Training	45
l.	Water Quality Screening Programs	46
m.	Infrastructure Coordination	47
III.	<i>Monitoring Requirements</i>	48
1.	Biological Stream Monitoring	48
2.	In-stream Monitoring	48
3.	Floatables Solids Monitoring	49
4.	Structural and Source Controls Compliance Monitoring	49
IV.	<i>TMDL Action Plan Implementation</i>	50
V.	<i>Additional Reporting Requirements</i>	51
1.	Roles and responsibilities	51
2.	Non Compliance	51
3.	Budget	51
4.	Permit Fees	51
	<i>Appendix A – Definitions</i>	52
	<i>Appendix B – Post Construction Table 7-6</i>	54
	<i>Appendix C – Publicly Maintained SWM/BMP Facilities</i>	55
	<i>Appendix D – Privately Maintained SWM/BMP Facilities</i>	81
	<i>Appendix E – BMP Inventory</i>	88
	<i>Appendix F – Dry Weather Monitoring</i>	206
	<i>Appendix E – DEQ response to clarifications and additional information</i>	234

I. Background

Introduction

Prince William County is pleased to present this 2015 Annual Report detailing our efforts under the Virginia Stormwater Management Program (VSMP). This report consolidates the programs and efforts undertaken by various County agencies, and other outside organizations funded by the County in compliance with the authorization to discharge under the VSMP permit No. VA0088595. The County was issued its new Municipal Separate Storm Sewer (MS-4) permit as of December 17th 2014. This report represents the first "Annual Reporting" period under the County's new MS-4 permit and covers the time period between January 1, 2015 and June 30, 2015. Since this report represents only half of the typical annual reporting period, some elements in this document are still under development. All program elements are scheduled to be completed by their required date and updates to implementation of those elements are presented in this report, with complete program elements presented in the following Annual Report (Permit Year 2).

MS-4 Program Plan Modifications

The Program Plan shall accurately document the County's MS-4 program. The Program Plan is a single document, a set of several separate documents, such as dry weather screening plans, wet weather screening plans, TMDL action plans, and annual reports. This document also consists of policies, ordinances, strategies, checklists, watershed plans, and other documents related to the County's implementation of its MS-4 permit responsibilities. Due to the shortened reporting period, the County's Program plan is currently under development and will be presented in full by December 17th, 2015.

Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Marc Aveni
Marc Aveni
Chief, Environmental Services Division

9.30.15
Date

Cover Photo: Cow Branch Section 3 Stream Restoration Project

II. Program Implementation

The Virginia Department of Environmental Quality has requested clarifications and additional information related to this Annual Report. These updates can be viewed in Appendix E of this document.

1. MS-4 Program Review and Updates

The Prince William County MS-4 Program plan describes all programs and actions taken by the County to ensure compliance with Virginia Stormwater Management Program (VSMP) MS-4 Permit # VA0088595. Prince William County was issued its latest permit on December 17th, 2014. Due to the shortened reporting period, the County's Program plan is currently under development and will be presented in full by December 17th, 2015.

2. Planning

No later than 12 months from permit issuance the County is to submit to the Department a cost benefit analysis of pollutant reduction priority projects. These projects are to be selected from completed watershed studies and should be prioritized according to a number of metrics determined by County. This prioritized list will be presented along with information on the number of BMP acres treated, impervious area draining to the BMP, condition of downstream channel, amount of pollutant reduction, feasibility for implementation, unit cost of reductions and other benefits the County determines for the retrofit.

Prince William County is currently in the process of developing its Watershed Management Plan. The plan is to be completed and presented to the Department no later than 12 months from permit issuance (December 17th 2015). This document will be placed on the County's website no later than 30 days after being submitted to the Department. The County will continue to seek public comment in the development of its Watershed Management Plan.

3. MS4 Program Implementation

a. Construction Site Runoff and Post Construction Runoff

i. Construction Site Runoff

Prince William County continues to implement the erosion and sediment control program consistent with the Virginia Erosion and Sediment Control Law §62.1-44.15:51 of the Code of Virginia and Virginia Erosion and Sediment Control Regulations 9VAC25-840 et seq. Our E&S regulations are not more stringent than the State regulations. Since the entire County is designated as the Chesapeake Bay Preservation & Management Area, the minimum threshold for requiring E&S permit is 2,500 square feet.

Our stormwater management program is consistent with the Virginia Stormwater Management Act §62.1-44.15:24 of the Code of Virginia and Virginia Stormwater Management Program Regulations 9VAC25-870 et seq. The Virginia Stormwater Management Program (VSMP)

regulations became effective on July 1, 2014. These regulations are contained in Section 700 of the County's Design & Construction Standards Manual (DCSM), and Chapter 23.2, Article IV – Storm Water Management in Prince William County Code. The SWM requirements for Development on Prior Developed Lands are consistent with the State regulations. The County's SWM regulations are more stringent than the State regulations only in certain areas as described below.

VSMP regulations allowed the localities to adopt criteria more stringent than VSMP with proper justification based on specific watershed studies. Alternatively, more stringent regulations that pre-existed prior to January 1, 2013 were exempt. Based on this exemption, Prince William County retained more stringent regulations on flood control in critical watersheds to control the 25-year storm to prevent localized flooding events. In addition, the County retained its authority to require the control of the 100-year flood, for proposed developments located upstream of existing residential developments with required minimum lot sizes less than one acre and adjoining special flood hazard areas. These requirements are in addition to the required control of 2- and 10-year frequency storms per state regulations.

Prince William County employs 12 full-time site inspectors; this includes an addition of two full time site inspectors to handle the additional workload associated with the implementation of VSMP regulations. The County has five full-time engineers to review the land development plans for E&S and SWM requirements.

All our site inspectors have gone through DEQ's training on Erosion & Sediment Control and Stormwater Management and are in the process of pursuing their respective certifications. Similarly, our plan reviewers are certified for the Erosion and Sediment Control review and are in the process of seeking certification for SWM plan review. In Prince William County, maintaining these certifications is a condition for the continued employment. Prince William County is committed to providing continuing education and training to its employees on E&S and SWM.

The land development plan review, inspection and enforcement of E&S and SWM regulations are performed by a single agency in Prince William County. The Environmental Services Division of the Department of Public Works is directly responsible for administering the program. Having a streamlined program under one agency is very helpful in ensuring the consistent interpretation and enforcement of applicable ordinances. The County continues to require the Responsible Land Disturbance (RLD) certifications prior to issuing the land disturbance permits. The County's E&S Administrator conducts periodic joint meetings with the plan reviewers and the site inspectors for the continued improvement of the programs.

Prince William County implemented a new land development tracking system (EnerGov Development Management System) in 2014. This System tracks all the land development activities including E&S and VSMP inspections. Further, EnerGov system has standardized and established consistency among the site inspectors in documenting site inspections and enforcing E&S violations as described below:

1. Inspection forms are all electronic – this ensures consistent use of the same form.

2. All Minimum Standards (to reference the violations) can be inserted from a drop down menu to insure consistency in documentation.
3. The corrective action deadlines are assigned directly from the EnerGov system, based on the priority (low, medium and high) assigned by the site inspector for each violation. This establishes consistency in assigning specific deadlines among site inspectors. In addition, EnerGov system clearly generates a list of inspection and corrective actions that are due each day for each inspector, by simply checking the “to do list”. The “to do list” will help the site inspector, site inspector’s supervisor and the E&S Administrator to ensure full conformance to the inspection deadlines that includes follow-up on all corrective actions.
4. Each inspection can be linked directly to the specific violation its’ related to using a custom field added to the inspection type. Therefore, history of the inspections related to each violation can be tracked and documented.
5. The EnerGov system creates a separate case number for each violation ensuring that all inspections and corrective actions pertaining to each specific violation are consistently entered into the same case number. Tracking problems is simplified with this approach by allowing staff to query by project number, case number, etc.
6. The EnerGov System assists the E&S administrator to perform various queries to ensure consistency and quality of E&S inspection procedures among all site inspectors. The System allows generating reports on compliance, follow-up and other items.
7. Each site inspector is equipped with a laptop and portable printer, which allows Inspection notices to be printed onsite.

For the period January 1, 2015 thru June 30, 2015, Prince William County approved a total of 62 land development plans with a cumulative land disturbance of 474.46 acres. The table showing

The table below summarizes the number of land disturbing activity inspections conducted and the number and type of each enforcement action taken for Erosion & Sediment Control.

Month	Erosion Inspections	Site Inspections	Violation	Notice to Comply
January	481	233	0	1
February	428	222	1	0
March	352	153	0	0
April	477	190	1	0
May	367	126	0	0
June	383	105	9	0

Total	2488	1029	11	1
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The list of projects that qualified under “grandfathering” from VSMP regulations for the period January 1 thru June 30, 2015 are listed below:

Permit #	Construction Activity Name	Permit Issued
VAR10G645	Iglesia De Diospentecostal Puerta Del ciblo	3/19/2015
VAR10G773	Wellington Plaza (Phase 2)	4/17/2015
VAR10G861	Patient First Gainesville	5/15/2015
VAR10H002	Finley Asphalt	6/11/2015
VAR10H003	Cabela's Virginia Gateway	6/23/2015

ii. Post Construction Runoff

Our stormwater management program is consistent with the Virginia Stormwater Management Act §62.1-44.15:24 of the Code of Virginia and Virginia Stormwater Management Program Regulations 9VAC25-870 et seq. The Virginia Stormwater Management Program (VSMP) regulations became effective on July 1, 2014.

Prince William County continues to implement a robust program to address the post-construction discharges from new developments and redevelopments by ensuring the long-term operation and maintenance of these SWM controls. We have a dedicated team for the inspection and maintenance of all the county-maintained SWM facilities. All the county-maintained and the county-owned facilities are inspected annually. The County inspects all the privately-maintained SWM facilities once within the 5-year permit cycle. The owners of these facilities receive the County’s inspection reports along with the identification of deficiencies to be corrected within the specified deadline. Our staff follows-up to ensure maintenance and seek the County Attorney’s assistance as necessary.

Prince William County’s strategies to address the stormwater controls that are designed to treat the stormwater runoff solely **from individual residential lot** are summarized in BMP Table 7-6, included in Appendix B. The Table summarizes the party responsible for the maintenance and the applicable deed restrictions and agreements. For the individual infill lots outside the common plan of development, the County allows the use of the “Agreement in lieu of a SWM Plan”.

b. Retrofitting on Prior Developed Lands

BMP 1 – Implementation of TMDL priority Projects

The County is in the process of selecting and developing priority projects. Seven projects will be selected from the list of prioritized projects described in section III.3. These projects will be completed no later than 54 months from permit issuance and will be implemented to meet the requirements set forth in Part I.D of the County’s MS-4 permit (permit # VA0088595).

Prince William County is currently working with DEQ's Northern Virginia Regional office to determine the preferred method and format for reporting TMDL priority projects. The following is basic information on priority projects started and/or completed during the reporting cycle:

SWM Facility #99 - Water Quality Retrofit

Stormwater Management Facility #99 was identified as a water quality improvement project in the Bull Run Watershed Study completed in 2010 (WS ID# 166-6). After completion of a feasibility study and design analysis, the project was selected for implementation. The existing facility was built as a sediment basin in the early 1990's with no water quality control provided. The contributing drainage area of the facility is 8.8 acres and is comprised of 60% impervious cover. The proposed project entailed the conversion of an existing sediment basin to a Constructed Wetland. The project was completed in June 2015.



A more in-depth description of priority projects will be included as part of the Watershed Management Plan and TMDL action plan when submitted within 12 months from permit issuance (December 17th, 2015). The County is still working with DEQ to determine the best submission format.

BMP 2 – Implementation of Non-Priority Projects

In addition to priority projects, Prince William County completed and/or started a number of other TMDL projects during the reporting period.

SWM Facility #98 - Water Quality Retrofit

Stormwater Management Facility #98 is a dry detention basin located within the Cow Branch subwatershed, which is tributary to Neabsco Creek. The project involved modification of the existing riser structure with control weirs and a BMP orifice to improve the water quality treatment of the facility. In addition, a sediment forebay was added and the inlet was relocated in order to lengthen the flowpath in order to correct the severe short circuiting present. The project was completed in January 2015.

Cow Branch III Stream Restoration

The project is the third phase of restoration along Cow Branch a tributary of Neabsco Creek. Cow Branch III included restoration of 1,000 linear feet of stream between Mellott Road and Opitz Boulevard. The stream channel of Cow Branch had overly widened and moved laterally and the banks were severely eroded in response to watershed urbanization. The project consisted of a reconnection of the stream to the floodplain, relocation of the stream channel and an adjustment of the channel geometry to balance sediment load and transfer. The restoration included instream structures, constructed riffles, bankful benches, as well as a plunge pool located at the transition from the triple box culverts under Opitz Boulevard to the stream channel. The project was completed in June 2015.



Oak Street Stream Restoration

A large (6.5' x 10') elliptical CMP VDOT culvert crossed Oak Street diagonally from southwest top northeast in front of 7828 Oak Street resulting in severe erosion and loss of property in the front yard at this address. The stream channel is perennial, has a FEMA 100 Year floodplain, and has an RPA designation. In addition the stream is bounded on the south by the Oak Street right-of-way (right bank) and on the north (left bank) by a gravity sanitary sewer (PWC SA) line and easement. The stream drains a portion of the City of Manassas Park, the Yorkshire area of PWC east of Route 28, and runs generally from southwest to northeast to its confluence with Bull Run. The Oak Street crossing is approximately in the middle.

The project consisted of constructing a new concrete end wall adjacent to the existing culvert. The new wall protects the newly stabilized stream bank and deflects storm flow back into the channel. During the stream restoration phase protection for the existing sanitary sewer line along the left bank of the channel was provided, and aims to reduce velocity to the maximum extent possible.



Reforestation Projects

In May of 2015 Prince William County reforested 4.69 acres along Powells Creek. The entire area reforested was within County-owned land, deeded and platted in the County’s Land Records as conservation area. All of this area was either within a Chesapeake Bay Resource Protection Area and/or the 100 year floodplain of Powells Creek. The plantings were done by our contractor, Virginia Waters and Wetlands.



c. Roadways

BMP 1 – Maintain Accurate List of Prince William County Owned Roadways

Although the Virginia Department of Transportation (VDOT) maintains a majority of the roadways and right of way areas within Prince William County, the County is responsible for the maintenance of some roadways and parking lots. VDOT operates under its own phase II stormwater permit, and coordination regarding issues with MS-4 physical-interconnectivity is required as part of both permittee’s MS-4 requirements (see section II.m). The County currently operates and maintains parking lots associated with county facilities.

As part of its permit responsibilities PWC has generated a list of all County maintained parking lots, streets, and roadways. This list will be updated yearly as changes to County Maintained roadways may change over the lifespan of the permit. Since roadways under County maintenance are determined, the next step is to determine the extent those roadways (parking lots, streets) are

treated by BMP's. The County has 75 total parcels with impervious parking lots or roads. There are 48 parcels containing County maintained impervious roadways totaling 12.4 miles or 41.9 acres, in addition, there are 69 parcels with impervious parking lots totaling 121.8 acres. Some parcels may contain both sections of impervious roadway and parking lot space.

ST NO	ST NAME	ST TYPE	DEED ACRES	DESCRIPTION	Imp. Parking Lot? (Yes=1; No=0)	Area of Imp. Parking Lot (Acres)	Imp. Road? (Yes=1; No=0)	Imp. Road (Linear Ft)	Imp. Road (Acres)	Site BMPs (Yes=1; No=0)	Parking Lots Treated by BMPs (Acres)	Imp. Roads Treated by BMPs (Acres)	Imp. Roads Treated by BMPs (Miles)	Imp. Roads Not Treated by BMPs (Miles)
4925	CATHARPIN	RD	1.216	LAWNVALE ESTATES SEC 2 R/W PRIVATE ROAD	0		1	880	0.38	0	0	0	0.00	0.17
13001	CHINN PARK	DR	77.003	CHINN PARK	0		1	97	0.05	1	0	0.05	0.02	0.00
13131	PUBLIC SAFETY	DR	12.081	PUBLIC SAFETY FACILITY - ACREAGE	0		1	585	0.15	1	0	0.15	0.11	0.00
5049	WATERWAY	DR	8.210	MONTCLAIR LIBRARY (UNDER CONSTRUCTION)	0		1	716	0.801	1	0	0.801	0.14	0.00
8636	WELLINGTON	RD	0.857	PWC JUVENILE CTR	0		1	284	0.16	1	0	0.16	0.05	0.00
1040	EXPRESS	DR	2.538	VRE TRAIN STATION WOODBRIDGE	0		1	483	0.65	1	0	0.65	0.09	0.00
7625	AARON	LN	15.264	ELLIS L BARRON PARK	1	0.29	0			1	0.29	0	0.00	0.00
12560	ADEN	RD	97.074	NOKESVILLE COMMUNITY PARK	1	1.87	1	4393	1.4	1	1.87	1.4	0.83	0.00
5901	ANTIOCH	RD	3.800	FIRE STATION ANTIOCH ROAD/ DOMINION VALLEY	1	1.17	1	897	0.62	1	1.17	0.62	0.17	0.00
8051	ASHTON	AV	4.177	BULL RUN LIBRARY	1	1.94	1	231	0.15	1	1.94	0.15	0.04	0.00
7500	BEN LOMOND PARK	DR	240.607	BEN LOMOND PARK	1	1.92	1	1010	0.86	1	1.92	0.86	0.19	0.00
14730	BIRCHDALE	AV	8.656	BIRCHDALE PARK	1	0.77	0			0	0	0	0.00	0.00
14998	BIRCHDALE	AV	0.836	VFD FIRE STATION	1	0.33	1	58	0.038	0	0	0	0.00	0.01
15520	BLACKBURN	RD	42.452	RIPPON LODGE	1	0.48	1	1050	0.58	1	0.48	0.58	0.20	0.00
12401	BRAEMAR	PY	15.172	BRAEMAR PARK	1	0.55	0			1	0.55	0	0.00	0.00
14418	BRISTOW	RD	132.734	HELWIG PARK & LIBRARY	1	6.5	1	3,800	2.18	1	6.5	2.18	0.72	0.00
13065	CHINN PARK	DR	14.647	CHINN PARK COMPLEX (Library, Aquatic Center)	1	4.86	1	509	0.29	1	4.86	0.29	0.10	0.00
13850	CHURCH HILL	DR	5.086	COMMUNITY CENTER	1	0.49	1	547	0.25	0	0	0	0.00	0.10
15150	CLOVERDALE	RD	30.190	CLOVERDALE PARK	1	1.57	1	1122	0.49	0	0	0	0.00	0.21
10501	COPELAND	DR	2.974	SUDLEY MANOR COMMUNITY CENTER	1	0.74	0			0	0	0	0.00	0.00
12380	COTTON MILL	DR	4.770	LAKE RIDGE MARINA	1	1.02	1	1163	0.65	1	1.02	0.65	0.22	0.00
12371	COTTON MILL	DR	67.064	LAKE RIDGE PARK, GOLF COURSE	1	2.01	1	1179	0.66	1	2.01	0.66	0.22	0.00
7	COUNTY COMPLEX	CT	65.547	STADIUM COMPLEX	1	4.88	1	950	0.54	1	4.88	0.54	0.18	0.00
1	COUNTY COMPLEX	CT	40.676	McCOURT & DEVELOPMENT SERVICES BUILDINGS	1	7.03	1	5085	4.8	1	7.03	4.8	0.96	0.00
5180	DALE	BL	7.161	PARKS SKATE NATION	1	1.48	0			1	1.48	0	0.00	0.00
5070	DALE	BL	6.179	BOYS AND GIRLS CLUB	1	0.38	0			1	0.38	0	0.00	0.00

5100	DALE	BL	3.500	BOYS/ GIRLS CLUB/COMMUTER PARKING LOT	1	2.61	1	338	0.24	1	2.61	0.24	0.06	0.00
5301	DALE	BL	218.234	ANDREW LEITCH PARK	1	1.95	1	933	0.46	1	1.95	0.46	0.18	0.00
4249	DALE	BL	0.478	DALE CITY LIBRARY	1	0.1	0			0	0	0	0.00	0.00
14012	DAWSON BEACH	RD	6.230	COMMUNITY CENTER	1	0.16	1	1444	0.47	0	0	0	0.00	0.27
15941	DONALD CURTIS	DR	17.091	FERLAZZO BLDG	1	4.9	1	600	0.5	1	4.9	0.5	0.11	0.00
4100	EXETER	DR	5.688	BRITTANY PARK	1	0.96	1	334	0.16	1	0.96	0.16	0.06	0.00
15611	FARM CREEK	DR	2.427	FARM CREEK VRE COMMUTER LOT	1	1.22	0			1	1.22	0	0.00	0.00
15601	FARM CREEK	DR	4.413	FARM CREEK VRE COMMUTER LOT	1	2.65	1	762	0.88	1	2.65	0.88	0.14	0.00
12993	FITZWATER	DR	0.287	NOKESVILLE LIBRARY - PCL 1	1	0.09	0			1	0.09	0	0.00	0.00
12997	FITZWATER	DR	0.287	NOKESVILLE LIBRARY - PCL 2	1	0.05	0			1	0.05	0	0.00	0.00
8900	FREEDOM CENTER	BL	15.398	WESTERN POLICE STATION	1	4.15	1	1453	1.03	1	4.15	1.03	0.28	0.00
13030	HARBOR	DR	2.293	COMMUTER LOT - TACKETTS MILL	1	1.47	0			1	1.47	0	0.00	0.00
13509	HILLENDALE	DR	3.426	COMMUTER LOT - HILLENDALE RD	1	2.23	0			1	2.23	0	0.00	0.00
13499	HILLENDALE	DR	21.901	JOHN JENKINS PARK	1	0.16	1	413	0.26	1	0.16	0.26	0.08	0.00
4603	JAMES MADISON	HY	163.633	JAMES LONG PARK	1	3.55	1	3025	2.02	1	3.55	2.02	0.57	0.00
15904	JEFFERSON DAVIS	HY	0.960	EASTERN FUELING STATION	1	0.74	0			1	0.74	0	0.00	0.00
14945	JEFFERSON DAVIS	HY	5.065	HILDA BARG HOMELESS CENTER	1	0.3	1	468	0.25	1	0.3	0.25	0.09	0.00
14450	JOHN MARSHALL	HY	3.847	FIRE STATION	1	0.86	1	435	0.26	1	0.86	0.26	0.08	0.00
4701	LOCUST SHADE	DR	642.151	LOCUST SHADE PARK AND FOREST GREEN GOLF	1	3.9	1	7170	3.95	1	3.9	3.95	1.36	0.00
8460	MAPLEWOOD	DR	27.478	JOSEPH READING PARK	1	0.4	1	1162	0.62	1	0.4	0.62	0.22	0.00
8601	MATHIS	AV	2.748	CENTRAL LIBRARY MANASSAS	1	1.25	0			0	0	0	0.00	0.00
14716	MINNIEVILLE	RD	26.333	HOWISON HOMESTEAD PARK	1	1.3	1	899	0.53	1	1.3	0.53	0.17	0.00
14400	MINNIEVILLE	RD	0.367	DALE CITY RECREATION CENTER PARKING LOT	1	0.23	0			1	0.23	0	0.00	0.00
14300	MINNIEVILLE	RD	30.862	DALE CITY RECREATION CENTER	1	1.4	1	164	0.31	1	1.4	0.31	0.03	0.00
2081	OLD BRIDGE	RD	0.700	OLD BRIDGE COMMUTER LOT	1	0.39	0			1	0.39	0	0.00	0.00
2095	OLD BRIDGE	RD	1.138	OLD BRIDGE COMMUTER LOT	1	1.12	0			1	1.12	0	0.00	0.00
2201	OPITZ	BL	3.778	POTOMAC REGIONAL LIBRARY	1	0.93	1	53	0.038	0	0	0	0.00	0.01
10699	PIPER	LN	40.330	AIRPORT VRE STATION & COMMUTER LOT	1	4.44	1	1902	1.3	1	4.44	1.3	0.36	0.00

13800	POP MOUBRY	PL	20.880	LANCASTER PARK	1	0.17	1	258	0.13	1	0.17	0.13	0.05	0.00
14700	POTOMAC MILLS	RD	3.580	PRTC POTOMAC MILLS	1	1.78	1	419	0.34	1	1.78	0.34	0.08	0.00
14730	POTOMAC MILLS	RD	0.787	PRTC - HOMELESS SHELTER	1	0.35	0			1	0.35	0	0.00	0.00
14716	POTOMAC MILLS	RD	5.507	PRTC POTOMAC MILLS	1	1.9	0			1	1.9	0	0.00	0.00
13161	PUBLIC SAFETY	DR	8.276	PUBLIC SAFETY TRAINING FACILITY - PCL B	1	0.4	0			1	0.4	0	0.00	0.00
13101	PUBLIC SAFETY	DR	25.052	PUBLIC SAFETY TRAINING FACILITY - PCL A	1	2.29	1	2581	1.8	1	2.29	1.8	0.49	0.00
12731	RIDGEFIELD VILLAGE	DR	4.400	EARL CUNARD PARK	1	0.18	0			1	0.18	0	0.00	0.00
17301	RIVER RIDGE	BL	6.262	LACEY COMPTON PARK - WAYSIDE VILLAGE	1	0.35	0			1	0.35	0	0.00	0.00
16530	RIVER RIDGE	BL	5.656	RIVER OAKS FIRE STATION	1	1.03	1	854	0.57	1	1.03	0.57	0.16	0.00
16198	SILVER LAKE	RD	43.753	SILVER LAKE - EQUESTRIAN CENTER	1	0.8	0			1	0.8	0	0.00	0.00
15960	SINDLINGER	WY	4.400	FERLAZZO CENTER	1	1.42	0			1	1.42	0	0.00	0.00
13455	TELEGRAPH	RD	24.609	HORNER RD COMMUTER PARKING LOT	1	10.9	1	1531	2.3	1	10.9	2.3	0.29	0.00
12051	TYGART LAKE	DR	42.074	BROAD RUN LINEAR PARK - PUMP STATION	1	0.38	0			1	0.38	0	0.00	0.00
10801	UNIVERSITY	BL	26.403	INNOVATION - ATCC SITE	1	2.78	1	1825	1.04	1	2.78	1.04	0.35	0.00
11930	VALLEY VIEW	DR	125.626	VALLEY VIEW PARK	1	5.4	1	3644	2.8	1	5.4	2.8	0.69	0.00
14300	VETERANS	DR	78.114	VETERANS MEMORIAL PARK	1	3.21	1	4221	2.3	1	3.21	2.3	0.80	0.00
14631	VINT HILL	RD	165.000	PRINCE WILLIAM GOLF COURSE	1	0.8	1	1736	0.804	1	0.8	0.804	0.33	0.00
4450	WATERWAY	DR	13.802	ANN MONCURE WALL PARK	1	1	1	1373	0.66	1	1	0.66	0.26	0.00
8642	WELLINGTON	RD	1.263	PWC JUVENILE CENTER	1	0.17	1	357	0.204	1	0.17	0.204	0.07	0.00
2430	WEST LONGVIEW	DR	4.156	HYLBROOK PARK	1	0.59	0			0	0	0	0.00	0.00
14811	DUMFRIES	RD	1061.984	FLEET BUILDING PARKING LOT ONLY	1	2.09	0			0	0	0	0.00	0.00
				TOTALS	69	121.8	48	65,393	41.9		112.8	40.3	11.6	0.8

BMP 2 – Good Housekeeping Practices on County Maintained Roadways

Prince William County contracts out maintenance activities for County maintained parking lots, streets, and roadways. These activities include sweeping, line painting, and asphaltting. No aggregate materials are stored as part of B&G roadway maintenance activities at this time.

Asphalt maintenance to parking lots and roadways are scheduled to be performed cyclically, with the average asphalt lifespan of 17 years. Each lot and roadway is listed for evaluation every fiscal year. Paint maintenance to parking lots is performed every 4 years. Street sweeping to parking lots is scheduled to be performed every 2 years. All maintenance activities are designed to conform to good housekeeping and pollution prevention practices in a manner to minimize the discharge of pollutants.

Buildings and Grounds maintenance vehicles are stored in a manner to reduce the discharge of pollutants. Vehicles are serviced and repaired by PWC Fleet Management Division and are tracked by GPS to provide feedback on fuel usage and routing. This is designed to improve efficiency and minimize pollutant discharge.

A more in depth description of good housekeeping practices on County maintained roadways will be presented in the Program Plan or the following Annual Report. This will include all SOPs and written protocols.

BMP 3 – Good Housekeeping Practices for Winter Weather Maintenance

Prince William County Buildings and Grounds are responsible for snow removal at all county facilities maintained by Buildings and grounds along with a snow removal contractor. Snow removal activities are not performed on any other County maintained roads, streets, or parking lots. Salt, sand, and calcium chloride are the specified materials used in snow removal activities. Chemicals used in snow removal procedures are acquired through VDOT. VDOT is responsible for the proper storage of materials utilized for de-icing and sanding activities.

As an update to winter weather maintenance practices is ongoing, a more in depth description of snow removal practices on County maintained roadways will be presented in the Program Plan or the following Annual Report. This will include all SOPs and written protocols.

d. Pesticide, Herbicide, and Fertilizer Application

In addition to two certified staff, Prince William County is in the process of expanding its partnership with the agencies responsible for turf management in County-owned lands in an effort to enhance nutrient management on publicly owned lands. The County has established a self-directed optimistic goal for nutrient management. Most of the lands owned by the Department of Parks and Recreation implement nutrient management plans currently. The gypsy-moth activities in the County use certified pesticide applicators for the applications.

In addition to in house efforts, Prince William County sponsors various educational and outreach programs with the Virginia Cooperative Extension Service and the Prince William Soil & Water Conservation District as an effort to reduce the impact of excessive nutrients on county water bodies. The County provides annual financial contributions to conduct the environmental education activities through these agencies. These programs focus on public education and enhancing public awareness. The targeted pollutants under this program are nutrients and toxic.

The management program for the applicators of pesticides, herbicides and fertilizers within Prince William County focuses on compliance with the state laws and on public education programs.

BMP 1 – Identify Nutrient Applied County Lands

Prince William County is dedicated to minimizing the effects of pesticides, herbicides, and fertilizer use on the Chesapeake Bay. The County has identified all lands of which nutrients are applied to a contiguous area of more than one acre. The latitude and longitude of these lands will be reported to DEQ as requested. This data will be used to determine where Nutrient Management plans need to be developed. This list is displayed in the table below:

Name	Acres	Longitude (W)	Latitude (N)
H.L. Mooney Plant	4.5	38.6146	77.2684
Spittle Building	2.2	38.681184	77.349202
Anne Wall	11.318024	77*20'39"	38*36'14"
Ben Lomond	49.090921	77*29'37"	38*47'51"
Ben Lomond Community	1.842723	77*30'22"	38*47'22"
Birchdale Rec	2.983583	77*18'40"	38*37'48"
Braemar	3.418874	77*34'9"	38*44'2"
Catharpin	19.750509	77*33'56"	38*51'16"
Chinn	16.841857	77*19'49"	38*40'14"
Cloverdale	13.447417	77*19'10"	38*37'20"
Dale City Rec	7.371609	77*20'42"	38*38'35"
Fairmont	13.231697	77*29'27"	38*46'54"
Forest Greens	105.42	77*21'14"	38*32'35"
Graham Park Pool	0.618607	77*19'11"	38*33'16"
Hellwig	58.982269	77*27'0"	38*38'20"
Howison	15.488018	77*22'57"	38*38'2"
James Long	62.641345	77*38'5"	38*51'13"
Lake Ridge	16	77*19'15"	38*41'31"
Leitch	2.798762	77*22'16"	38*39'26"
Leitch/VEPCO	16.210986	77*22'6"	38*39'13"
Locust Shade	7.008583	77*21'4"	38*32'0"
Mayhew	7.170033	77*29'29"	38*48'24"

Nokesville	42.943161	77*34'39"	38*41'8"
Prince William Golf	200	77*37'50"	38*44'51"
Stadium	22.775254	77*21'5"	38*41'1"
Turley	2.467387	77*18'34"	38*37'40"
Valley View	69.882351	77*32'22"	38*42'4"
VEPCO	3.908403	77*21'49"	38*38'53"
Veterans	48.584245	77*14'59"	38*38'32"
Barg Homeless	1.716532	77*16'32"	38*37'36"
Boys Home /Winter Shelter	2.264584	77*17'43"	38*37'50"
Bull Run Library	1.639026	77*31'14"	38*47'12"
Central Library	1.967365	77*27'19"	38*46'7"
Dawson Beach	4.523858	77*14'42"	38*38'53"
Fire 20	2.192036	77*18'23"	38*38'51"
Fire 23	3.104318	77*18'19"	38*35'11"
Fire 3F	2.17924	77*19'53"	38*33'12"
Fire 4	1.691609	77*37'10"	38*48'14"
Garfield Ferlazzo	8.409373	77*17'40"	38*36'29"
Juvenile Detent/ Gypsy	1.934307	77*25'6"	38*37'57"
Juvenile Emergency Shelter	1.118525	77*31'8"	38*45'48"
Manassas Court	10.690373	77*28'44"	38*45'9"
McCoart	13.218327	77*21'8"	38*40'49"
PWC Safety Training Center	6.27211	77*35'7"	38*39'52"
Western PD	8.423548	77*31'2"	38*45'45"
Total	900.24		

BMP 2 – Develop and Implement Turf and Landscape Management Plans

The County is in the process of developing and implementing Turf and Landscape nutrient management plans for County lands where nutrients are applied to greater than one contiguous acre. Prince William County will cover 15% of its lands with NMPs no later than 12 months after the effective date of this permit, 40% within 36 months of the effective date of the permit, and 75% within 48 months of the effective date of the permit. The County currently employs two full time staff certified in Nutrient Management planning, with one staff member currently undergoing certification.

BMP 3 – Develop and Employ Good Housekeeping Practices for storage transport and disposal of pesticides, herbicides, and fertilizers.

The County currently works with its municipal facilities to ensure good housekeeping practices are followed. This includes the storage, transport, and disposal of pesticides, herbicides, and fertilizers. All County staff working with pesticides, herbicides, insecticides, and fertilizers are trained and maintain required certifications.

In addition, the County works with various volunteer organizations to ensure the proper use and storage of pesticides, herbicides, and fertilizers. For instance, the Environment and Natural Resources program of Virginia Cooperative Extension Prince William provides research based information to help citizens improve their lawns and landscapes without negatively impacting the environment. Services include:

- Horticulture Help Line and Plant Clinics at local Garden Centers and farmer's market to answer questions about insect, disease or gardening problems
- BEST Lawns is a lawn education program that provides lime and fertilizer recommendations based on a soil test and lawn measurements, as well as best practices for lawn care
- Free lectures to the public
- Education for businesses and non-profit organizations in the management of storm water runoff
- Training for interested citizens who wish to become Master Gardener volunteers
- Low maintenance gardening techniques demonstrated at the Teaching Garden
- Plant a Row for the Hungry collections at local Farmer's Markets
- Cooperative Extension agent is on the board of the Prince William Soil & Water Conservation District
- Emergency management assistance to local agricultural producers
- Pesticide Safety training and best management educational workshops for the Green Industry

VCE conducts a post survey gauging awareness and behavior changes made through educational programming. It tracks program effectiveness and reach by evaluating the number of people educated and the number of people that implement the practices they learn.

The County will continue to define and promote good housekeeping practices for storage transport and disposal of pesticides, herbicides, and fertilizers.

BMP 4 – Develop and Employ Integrated Pest Management Plans

The County will track and employ Integrated Pest Management Plans where applicable. Currently the county maintains lands under IPM plans with the mission of the program to survey, reduce, and control populations when possible, of mosquitoes and forest pests. IPM programs use current, comprehensive information on the life cycles of pests and their interaction with the environment. This information, in combination with available pest control methods, is used to manage pest damage by the most economical means, and with the least possible hazard to people, property, and the environment. The data gathered in the process is analyzed and used to track population trends, determine appropriate control measures and evaluate effectiveness of the control efforts.

Reduction and response consists of implementing IPM pest control measures to suppress populations of mosquitoes, gypsy moths and fall cankerworms. Selective application of environmentally-compatible, EPA-registered products are utilized to control these pests. Several

factors from our surveillance program and other environmental factors help in determining treatment options.

During the reporting period, the County applied larvicide to a total of 14.43 acres including 5.07 acres of stormwater management facilities and 9.36 acres of lands not designated as stormwater management facilities. In addition, the Mosquito and Forest Pest Management Branch applied adulticide to a total of 670.4 acres, bringing the total County lands treated by IPM to 684.83 acres.

e. Illicit Discharge and Improper Disposal

BMP 1 – Elimination of Illicit Discharges and Improper Disposal

The Prince William County Illicit Discharge Detection and Elimination Program consists of elements designed to identify, mitigate, and prevent the release of non-stormwater discharges into its storm sewer system, and thus into State and Federal waters. Through development of County Fire Protection, Zoning, Building Development, and Stormwater Management Ordinances; Prince William County has prohibited the discharge of any non-stormwater element determined to be contributing significant amounts of pollutants to its stormsewer system. This includes the dumping or improper disposal of motor vehicle fluids, household hazardous wastes, sanitary sewage, grass clippings, leaf litter, and animal wastes. The County defines all discharges categorized as non-stormwater discharges, as well as those discharges not addressed as illicit discharges in accordance with part I.A.1.b) in permit #VA0088595 in Article II sec. 23.2-4.1 of Prince William County’s Code of Ordinances. By issuance of a Notice of Violation, discharges are required per IDDE program procedure to be eliminated within 30 days of discovery, unless removal is not possible within that timeframe. In these instances, reasonable and prudent measures to minimize discharge will be taken and an action plan for mitigation/removal will be required.

During the reporting period Prince William County responded to nine complaints of illicit discharge. All reported discharges were resolved and/or discovered to be unfounded. The following table displays a summary of each discharge and its resolution.

Date complaint received	Location Description	Address	Description of Discharge	County Employee (Y/N)	Date initially Visited	Notes/Findings	Conclusion
4/27/2015	Residential Neighborhood	5423 Staples Lane	Discharge of Laundry water	N	5/22/2015	Report of discharge from residential laundry washing. Pipe is visible exiting garage and discharging into homeowner's front lawn. Upon arriving on the site the pipe was visible but no discharge was observed. Will continue to monitor the site for evidence of discharges. Inspected April 27 and May 22 with no discharge observed. Site was inspected 7/29. Again no discharges observed. Case will be closed until further evidence of discharge occurs.	Case Closed
4/24/2015	Shopping Center	6530 Trading Square	Discharge of Fertilizers	N	4/24/2015	Report of mismanaged fertilizer storage at Wal-Mart. Upon visiting site no mismanaged fertilizer stockpiles were observed. Mulch and fertilizer were properly stored and parking lot area was kept clean. Will list site as potential hot spot and continue to monitor.	Case Closed
4/16/2015	Residential Neighborhood	8522 Thomas Drive	Possible sewage discharge	N	4/16/2015	Report of possible sewage discharge into roadside drainage system. Upon arriving on site no sewage smell was discovered. It is assumed discharge is from sump of nearby house. Will continue to monitor	Case Closed
4/27/2015	Residential Neighborhood	7609 Well street	Possible oil discharge	N	4/27/2015	Report of oil sheen seen in citizen's backyard. Upon site inspection, sheen was of biological in nature and not from hydrocarbons. Homeowner was informed on ways to differentiate between the two.	Case Closed
5/5/2015	Residential Neighborhood	15231 Royal Crest Av	Possible Hydrocarbon Discharge	N	5/5/2015	Report of oil sheen in ditch adjacent to property. Upon visiting the site it was determined the sheen was a result of anaerobic conditions creating a bacterial slime similar looking to hydrocarbon discharges. The homeowner was informed of the differences between the two sheens.	Case Closed
5/28/2015	Residential Neighborhood	4723 Timber Ridge Road	Possible Hydrocarbon Discharge - Vehicle leaking	N	6/9/2015	Stain from previous vehicle discharge visible on street. Previously identified by PWC Fire Marshalls office. Discharge properly addressed by owner according to FM recommendations. See Discharge Report. Re-opened 6/9 with subsequent complaint by Mr. Lindsey. He stated car leaking is ongoing. Upon investigation it was determined the curb and gutter system and downhill stormdrain are a part of private drainage system outside county jurisdiction. Mr. Lindsey was directed to Neighborhood services for further support.	Case Closed

4/8/2015	Commercial Area	Dale City	Unknown discharge by Stream	N	6/1/2015	Late response due to email system error. Report of white clumpy material behind shopping center. Discovered to be lime. Material appeared to be mostly removed from area. Plant growth unaffected. Will continue to monitor. No responsible party identified	Case Closed
6/12/2015	Car wash/ repair/ misc. automotive	12920 Hadley Rd	Oil and grease spilt in and around curb inlet, reached up to outfall	Y	6/12/2015	Undersigned observed spilt oil and grease at curb inlet which found to be reached up to outfall 49960. Spilled oil mark found to be cleaned in and around curbs inlet, storm sewer and outlet by professionals of Atlas Environmental Services on 07/02/2015. The washed chemicals, oily substances and used water pumped into dump truck while cleaning and taken way for properly haulage. The Business Manager Mr. Jae Kim has completed the cleaning work perfectly with in timeframe.	Case Closed
6/29/2015	Commercial/ industrial Area	9220 Mike Garcia Drive	Discharge into stormsewer system/vehicle cleaning/oil dumping	N	6/29/2015	Visited site and talked to Mr. Braden. He provided photos and video of discharges. Visited suspected discharger and observed washing of sediment from commercial vehicle into storm drain. Notified discharger and documented incident. Issued NOV and sent to county attorney for review (NOV 2015-1). As of 7/6 Mailed NOV packet to responsible party. Questions concerning determining the damage caused to storm sewer by discharges, how to charge for TV of pipe network. Re-visited 7/28, received more evidence of washing of vehicles/hydrocarbons (not founded). Remediation plan with Ram Hauling created. Will continue to monitor for future discharges.	Case Closed

The County expects reported discharges to increase over the next fiscal year. This is believed to be due to a combination of an updated IDDE program, increased citizen awareness of illicit discharge issues through public outreach initiatives, and County Employee training.

BMP 2 – Sanitary Sewer Exfiltration Abatement Program

Prince William County contains a mix of sanitary sewer systems and septic fields within its jurisdiction. The sanitary sewer system is maintained, and operated by the Prince William County Sanitary Sewer Service Authority (PWCSA) and Dale Services Corporation, both which operate under their own VPDES permit. Prince William County is not responsible for the inspection and maintenance of the sanitary sewer system; however, PWC works closely with the PWCSA to identify and correct deficiencies within the sanitary sewer network. Prince William County Service Authority has an ongoing program, the infiltration and inflow check program, for identifying and correcting defects in the County's sanitary sewer systems, such as:

- Performing detailed engineering studies to locate defects in the gravity sewer system and recommend corrective action.
- Preparing construction documents for repair of the identified defects.
- Constructing necessary improvements.

The identification and correction of deficiencies is aided by Prince William County through its Dry Weather Monitoring, Stormsewer Maintenance, General Stormwater Discharge, and Stream Restoration Programs. Cross connections, leaks, and other maintenance issues are discovered as non-stormwater discharges within the stormsewer network through the County's Dry Weather Monitoring and Stormsewer Maintenance Programs. Citizens can report leaks and cross connections discovered discharging through the stormsewer system through the County's General Discharge program. Sanitary sewer infrastructure exposed to potential damage as a result of degrading streams and waterways are protected through projects associated with the County's Stream Restoration Program. Prince William County continues to identify and report concerns to the PWCSA when sanitary sewer system maintenance and repairs are needed. The County maintains communication with the PWCSA to document follow-up actions taken on maintenance issues reported to the Service Authority. The PWCSA oversees all new construction on sanitary sewer system components and is responsible for the proper installation and operation of the system.

Prince William County is actively working on establishing working relationships with the Dale Service Corporation with regards to their Infiltration and Inflow Program as well as with all Phase II MS-4 systems within the County's Jurisdictional area includes establishing regularly scheduled meetings between all relevant parties.


The Prince William Health District is responsible for the oversight and regulation of certain sewage and water environmental health issues within Prince William County. The Health department oversees the permitting and inspection of septic systems. The Health District inspects and permits septic systems and requires onsite sewage disposal systems not requiring a Virginia

Pollution Discharge Elimination System (VPDES) permit shall have pump-out accomplished at least once every five years. The Heath District also provides valuable public outreach to septic system owners, including information on septic system maintenance.

The following summarizes actions taken by the PWCSA for the reporting period.



To: Madan Mohan, P.E., CFM
 Chief, Watershed Management Branch
 Environmental Services Branch
 Prince William County Public Works

From: Damion R. Lampley, P.E., Deputy Director of Operations & Maintenance 

Date: September 28, 2015

Subject: MS4 Permit

Please find the following data as requested for the MS4 Permit regarding the Service Authority sanitary sewer system. The period covers December 14, 2014 to June 30, 2015.

NEW ASSET ACTIONS

Action Item	Results
New sanitary sewers constructed and inspected (miles):	12.62
New sanitary sewer manholes constructed and inspected:	305
New sanitary sewer laterals constructed and inspected:	1,093

EXISTING ASSET ACTIONS

Action Item	Results
Existing sanitary sewers inspected via closed circuit television inspection (CCTV) (Miles):	77.03
Existing sanitary sewers repaired via cured-in-place rehabilitation (Feet):	38,924
Existing sanitary sewer manholes inspected and repaired:	33
Existing sanitary sewer lateral inspected via CCTV:	3
Existing cleanouts repaired:	1

2015 SANITARY SEWER OVERFLOW

Date	Cause	Discharge Vol. (Gal.)	Comment
06/16/2015	Sanitary sewer overflow occurred at 15801 Neabsco Road, construction site of the new Neabsco SPS. Overflow caused by a break in the temporary by-pass pumping system installed by a contractor.	10,500 gallons	Repairs made to the temporary main. Contractor Godwin Pumps of America personnel cleaned the spill area and placed lime on the site.

BMP 3 – Reduce the Discharge of Floatables

Public Works has eight crew teams whose primary responsibility is to clean up litter and removal of illegal signs and dumps in the state right-of-way. In addition, the Adopt-A-Spot program is a litter cleanup and recycling program sponsored by the Virginia Department of Waste Management. The Prince William County Soil & Water Conservation District (SWCD) undertakes stream cleanups under their Adopt-A-Stream program. Some stream clean-ups are done on an individual occasion basis rather than an on-going project, and these sites are often done for specific programs or purposes (Alice Ferguson Foundation, Earth Day, etc.). Adoptable areas under this program include parks, schools, vacant land and neglected public areas. Stream sites are located in the various sub-watersheds in Prince William County and some of cleaned up more than once per year.

Prince William County, in coordination with the Keep Prince William Beautiful (KPWB) Organization, Developed a program dedicated to the labeling of storm drains throughout the County. These labels identify a storm drain as discharging to the Chesapeake Bay, as well as remind citizens not to dump items, fluids, etc., down the storm drain. Included in this program will be public outreach initiatives focused on eliminating illicit discharge and litter. KPWB partners with local volunteers to complete program objectives, involving local citizens and providing educational services. KPWB labeled over 800 storm drains in FY15, and reached over 1500 citizens through public outreach events.

The locations selected for the Adopt-A-Stream (AAS) clean-ups are selected from mainly public or park riparian properties, which have experienced historical problems with trash accumulation or have had specific problems in the past. Some private sites are also found in the areas. A list of potential sites is also maintained for future clean-up sites. This program not only identifies locations where floatables and trash are a concern in the County. It follows that assessment with a volunteer cleanup, which temporarily removes the trash and debris. The County’s Litter Control and landfill personnel also provide assistance with picking and weighing of the trash after a cleanup to document the amount of trash removed from the site. If the cleanup is included in the AAS program, periodic clean-ups on a biannual or annual basis are conducted, thereby revisiting sites to see if the floatables condition has improved over time. Currently, the floatables survey

program is not set up according to Prince William County's new MS-4 permit; however, this program will be amended to ensure future compliance.

During the reporting period Prince William County's litter crew collected 84.5 tons of trash and removed over 5774 illegal roadway signs encompassing over 900 miles of roadway. This is on track to be a slight decrease then last year's numbers. This could be a result of increased awareness and public outreach regarding litter issues.

BMP 4 – Proper Disposal of Wastes

Public Works continues to coordinate a variety of recycling and solid waste management programs in the community through its solid waste division. Some of those are:

- Expanding recycling by accepting textiles and mixed paper
- Composting yard debris at two facilities
- Hosting the Too Good to Waste Place for citizens to drop off or pick up useful items
- Provide two weekly collection sites for citizens to drop off trash and recyclables in the rural section of our county
- Public Works provides twice a week collection of household hazardous waste at the County Landfill and once a month collection at the County Compost Facility.
- Public Works provides recycling containers at 18 locations throughout the community and a weekly trash and recyclable collection in the rural section of the county.
- Staff conducts regular inspections of refuse hauling equipment to reduce incidents of spills and leaks from trucks, as well as trash blowing from trucks that could make its way to local waterways.
- Public Works captures methane gas produced at the County Landfill. We are able to generate enough electricity to serve 5000 homes. This practice reduces the potential for methane gas escaping into the air and water.

The following summarizes the County's solid waste, household hazardous waste, and recycling programs for FY15:

FY15	OTHER REFUSE							TOTAL REFUSE TO LANDFILL TONS	TIRES		TOTAL MONTHLY REVENUE
	KEEP FW B'FUL TONS	"Overs" B.F. TONS	INCIN. ASH TONS	SPECIAL PICK-UPS TONS	CONTAM. SOIL TONS	REFUSE FROM B.F. TONS	COUNTY ROAD CL-UP TONS		TONS	REVENUE	
	<i>Jul-14</i>	-	747.23	-	-	-	455.85		-	31,886.30	
<i>Aug-14</i>	20.39	907.42	9.25	-	-	413.99	-	31,045.15	97.54	\$ 11,850.00	\$ 129,582.05
<i>Sep-14</i>	35.93	393.28	382.02	-	-	367.81	-	34,665.37	166.81	\$ 13,517.00	\$ 129,634.78
<i>Oct-14</i>	2.93	1,289.95	459.04	-	-	328.94	-	40,703.17	190.56	\$ 11,106.00	\$ 135,815.30
<i>Nov-14</i>	2.57	101.34	345.82	-	-	335.61	-	28,710.96	101.44	\$ 8,601.00	\$ 107,407.08
<i>Dec-14</i>	0.29	-	39.20	-	-	300.07	-	30,127.43	92.01	\$ 7,610.25	\$ 128,707.28
<i>Jan-15</i>	-	-	202.72	-	-	304.94	-	24,702.29	102.34	\$ 8,548.00	\$ 142,653.60
<i>Feb-15</i>	-	-	142.65	-	-	236.73	-	20,969.60	110.12	\$ 8,188.00	\$ 96,657.83
<i>Mar-15</i>	5.62	-	185.38	-	-	371.10	-	33,665.33	146.38	\$ 12,645.50	\$ 119,893.65
<i>Apr-15</i>	24.98	743.68	180.15	-	-	454.80	-	40,451.35	112.85	\$ 14,567.00	\$ 193,980.03
<i>May-15</i>	26.31	-	279.91	-	-	525.92	-	42,551.47	149.63	\$ 10,572.00	\$ 136,929.95
<i>Jun-15</i>	37.07	395.35	456.82	-	-	475.26	-	43,601.56	136.13	\$ 10,903.00	\$ 152,313.20
TOTAL	156.09	4,578.25	2,682.96	-	-	4,571.02	-	403,079.98	1,547.21	\$ 130,655.75	\$ 1,618,999.98

FY15	CO-MINGLED	TEXTILES		DONATION PLACE OUT	USED OIL			CAR BATTERIES			ANTIFREEZE		NPR REC. REVENUE	RECYCLE AMERICA REVENUE	RENT From NPR	Residue from Recycling Building
		OUT	REVENUE		L.F. OUT	B.F. OUT	REVENUE	L.F. OUT	B.F. OUT	REVENUE	L.F. OUT	B.F. OUT				
MONTH	TONS	TONS	REVENUE		GALLONS	GALLONS	REVENUE	NO.	NO.	REVENUE	GALLONS	GALLONS		REV.	REV.	TONS
Jul-14	0.00	0.21	\$0.00	29.48	2,700	1,400	\$ 1,556.25	112	24	\$ 1,202.96	-	-	\$ 1,444.10	\$ 33.15	\$ -	7.87
Aug-14	2.57	0.16	\$0.00	20.72	1,800	750	\$ 4,859.65	205	20	\$ 817.36	-	-	\$ 1,326.20	\$ -	\$ -	3.62
Sep-14	2.89	0.65	\$0.00	21.83	3,150	1,000	\$ 2,697.50	85	20	\$ 955.59	-	-	\$ 846.95	\$ -	\$ -	-
Oct-14	0.00	0.47	\$0.00	17.90	2,000	1,000	\$ 3,569.00	94	20	\$ 853.42	-	-	\$ 955.35	\$ -	\$ 15,241.28	27.22
Nov-14	0.00	0.43	\$0.00	18.89	2,775	775	\$ 1,660.00	59	6	\$ 525.22	300	-	\$ 3,375.27	\$ -	\$ 7,620.64	11.39
Dec-14	0.00	0.70	\$0.00	26.30	1,000	950	\$ 1,819.00	86	5	\$ 965.26	-	230	\$ 1,660.05	\$ -	\$ 15,788.63	3.71
Jan-15	0.00	0.38	\$0.00	17.28	3,100	500	\$ 796.00	57	5	\$ 631.05	425	-	\$ 452.53	\$ -	\$ 7,894.30	7.08
Feb-15	1.09	0.66	\$0.00	8.59	500	415	\$ 35.00	66	5	\$ 372.62	-	-	\$ -	\$ -	\$ -	8.28
Mar-15	0.00	0.26	\$0.00	17.54	1,900	1,740	\$ -	70	5	\$ 426.71	-	-	\$ 1,283.65	\$ -	\$ 15,788.60	-
Apr-15	0.00	0.20	\$0.00	26.41	1,800	1,275	\$ -	140	32	\$ 450.75	500	-	\$ 1,423.10	\$ -	\$ 7,894.00	10.61
May-15	0.00	0.58	\$0.00	33.45	4,500	1,200	\$ -	160	30	\$ 1,033.72	450	135	\$ 3,600.02	\$ 13.13	\$ 0.30	20.46
Jun-15	0.00	0.75	\$0.00	24.48	3,500	225	\$ -	90	31	\$ 1,069.78	390	-	\$ -	\$ 7.19	\$ -	8.00
TOTAL	6.55	5.45	\$0.00	262.87	28,725	11,230	\$ 16,992.40	1,224	203	\$ 9,304.44	2,065	365	\$ 16,367.22	\$ 53.47	\$ 70,227.75	108.24

FY15	NEWSPAPER TO NPR FROM		CARDBOARD TO NPR FROM		(incl. paper rolls) MIXED PAPER TO NPR FROM		CO-MINGLED TO NPR FROM		NEWS-PAPER TO	CARD-BOARD TO	MIXED PAPER TO	CO-MINGLED TO	TOTAL TONS	DATE & SIGNATURE
	PWC Facilities	All Others	PWC Facilities	All Others	PWC Facilities	All Others	PWC Facilities	All Others	WM & Amer	WM & Amer	WM & Amer	WM & Amer		
MONTH	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	
Jul-14	8.77	68.33	26.67	217.61	18.03	226.55	-	-	-	7.54	5.17	63.56	642.23	
Aug-14	9.61	3.75	22.48	148.65	17.90	289.52	2.57	-	3.31	7.35	10.74	53.08	568.96	
Sep-14	6.01	-	19.36	151.59	8.52	214.84	2.89	-	2.78	8.78	7.77	59.00	481.54	
Oct-14	8.34	-	18.40	182.39	13.31	230.01	-	-	-	6.46	10.59	55.33	524.83	
Nov-14	7.63	22.40	18.89	79.14	13.40	238.65	-	-	-	7.47	10.36	43.38	441.32	
Dec-14	10.02	2.27	22.20	76.95	16.89	313.44	-	-	4.61	11.48	8.50	59.34	525.70	
Jan-15	4.96	-	21.07	71.05	15.69	228.92	-	-	5.58	8.35	7.88	57.08	420.58	
Feb-15	1.71	2.51	13.43	50.08	9.53	323.72	1.09	-	-	5.20	7.54	35.45	450.26	
Mar-15	10.55	3.75	23.57	100.10	15.28	359.88	-	-	6.16	6.94	7.51	68.37	602.11	
Apr-15	4.29	1.14	23.50	76.47	14.89	522.39	-	-	-	10.05	7.98	46.66	707.37	
May-15	5.91	-	25.26	92.37	19.88	368.59	-	-	3.01	8.46	8.79	46.66	578.93	
Jun-15	1.85	5.59	19.22	138.12	22.92	456.11	-	-	2.79	8.76	8.23	61.45	725.04	
TOTAL	79.65	109.74	254.05	1,384.52	186.24	3,772.62	6.55	-	28.24	96.84	101.06	649.36	6,668.87	

BMP 5 - Discharge Elimination Programs

Prince William County hosts several programs under its Illicit Discharge Detection and Elimination (IDDE) program dedicated to the detection, identification, and elimination of unauthorized discharges to its MS-4 system. These programs include the Dry Weather Monitoring, General Discharge, Wet Weather Monitoring, and Industrial and High Risk Monitoring Programs. For more information on these programs, including program background and reporting, see section II.i water quality screening programs.

f. Spill Prevention and Response

BMP 1 – Coordination with FMO

The County’s Department of Fire and Rescue is the lead County agency responsible for all aspects of spill response. Accordingly, the County has designated a full-time Hazardous Materials Officer. Prince William County participates in the Commonwealth Department of Emergency Management Services’ regional Hazardous Materials response programs and maintains a National Incident Management System Type 1 HAZMAT Team for emergency response.

The County’s Department of Fire & Rescue (DFR) responds to all complaints of spills and hazardous illicit discharge. If the complaints relate to sewage, the appropriate agency, such as, Prince William County Service Authority or the Dale Service Corporation will be contacted. The complaints on the malfunctioning septic systems and drain fields are referred to the County’s

Health Department. The County staff makes every effort to direct complaints to the appropriate agency as expeditiously as possible.

g. Industrial and High Risk Runoff

BMP 1 – Identify all Industrial and High Risk Dischargers

The monitoring Industrial and High risk areas of Prince William County is accomplished as part of the County’s IDDE program. On a quarterly basis, PWC examines lists provide by DEQ to assess new permitted facilities discharging to the County’s stormsewer system along with their permit, and registration form. These facilities are then added to a GIS layer, and their outfalls identified for use in monitoring efforts. Outfalls are currently identified by applying a buffer around the VPDES permitted facilities parcel, and capturing all outfalls within that buffer. In the future, outfalls will be identified through more complex drainage area analysis, and from plans submitted as part of the VPDES facility’s registration statement.

Potential High Risk dischargers are identified, along with associated outfalls, through GIS desktop analysis. Using County land-use information land-uses that are identified to have a high potential for the discharge of pollutants are isolated. As with VPDES permitted facilities, a buffer is placed around a high risk parcel and the containing outfalls are identified. These outfalls are considered to be High Risk outfalls. During Dry Weather Monitoring activities, outfalls which are determined to potentially contribute pollutants to the stormsewer system are identified and added to the list of high risk discharges. These outfalls are then added to the High Risk outfall prioritization (BMP 2) list the next time it is updated. A with VPDES permitted facilities, as the County’s GIS based stormsewer layer is updated, the analysis of outfalls associated with High Risk facilities will be updated.

High Risk facilities that fall under VPDES permits and are found to be contributing significant pollutants to the stormsewer system will be referred to DEQ for compliance review. The following facilities were determined to be discharging into the County’s MS-4 system. This list will be updated as the County continues to map its MS-4 service area.

Permit No	Classification	Region	Facility	Location Address	Location City	Location State	Location Zip5	County Code	County Name
VAR050901	Active	NVRO	Superior Paving Corporation - Manassas Plant	8747 Vulcan Ln	Manassas	VA	20108	153	Prince William County
VAR050908	Active	NVRO	Branscome Paving Company - Manassas	7812 Bethlehem Rd	Manassas	VA	20109	153	Prince William County
VAR050983	Active	NVRO	Occoquan Harbour Marina Incorporated	13204 Marina Way	Woodbridge	VA	22191	153	Prince William County
VAR051009	Active	NVRO	LKQ Greenleaf Dumfries	17445 Old Stage Coach Rd	Dumfries	VA	22026	153	Prince William County
VAR051030	Active	NVRO	UPS Freight - Bristow	13185 Arto St	Bristow	VA	20136	153	Prince William County
VAR051039	Active	NVRO	Axeon Specialty Products	18000 Cockpit Point Rd	Dumfries	VA	22026	153	Prince William County
VAR051073	Active	NVRO	Potomac CDD Landfill	3730 Greentree Ln	Dumfries	VA	22026	153	Prince William County
VAR051078	Active	NVRO	Prince William County Sanitary Landfill	14811 Dumfries Rd	Manassas	VA	20112	153	Prince William County
VAR051085	Active	NVRO	Quarles Petroleum - Manassas Bulk Plant	7801 Wellingford dr	Manassas	VA	20109	153	Prince William County
VAR051117	Active	NVRO	US Foods Incorporated	11994 Livingston Rd	Manassas	VA	20109	153	Prince William County
VAR051183	Active	NVRO	Hoffmasters Marina	1214 Swan Point Rd	Woodbridge	VA	22192	153	Prince William County
VAR051295	Active	NVRO	Waste Management of Virginia - Stafford	8305 Quarry Rd	Manassas	VA	20110	153	Prince William County
VAR051298	Active	NVRO	Vistas at Lake Manassas Limited Liability Company	14505 Lee Hwy	Gainesville	VA	20155	153	Prince William County
VAR051476	Active	NVRO	Old Dominion Freight Line Incorporated - Bristow	7937 Gainsford Ct	Bristow	VA	22013	153	Prince William County
VAR051477	Active	NVRO	First Transit Incorporated	14700 Potomac Mills Rd	Woodbridge	VA	22192	153	Prince William County
VAR051639	Active	NVRO	Potomac Disposal Services of Virginia, LLC	9650 Hawkins Dr	Manassas	VA	20109	153	Prince William County
VAR051886	Active	NVRO	Virginia Railway Express - Broad Run Yard	10637 Piper Ln	Bristow	VA	20136	153	Prince William County
VAR051911	Active	NVRO	Asphalt Emulsion Inc	8730 Vulcan Ln	Manassas	VA	20109	153	Prince William County
VAR051939	Active	NVRO	American Auto Salvage	14210 Jefferson Davis Hwy	Woodbridge		22191	153	Prince William County
VAR051949	Active	NVRO	Chemung Contracting Corporation - Gainesville	7201 Rail Line Ct	Gainesville	VA	22013	153	Prince William County
VAR051992	Active	NVRO	Virginia Scrap Corp	5513 Wellington Rd	Gainesville	VA	20155	153	Prince William County
VAR051996	Active	NVRO	Woodbridge Metal Recycling Inc	1041 Cannons Ct	Woodbridge	VA	22191	153	Prince William County
VAR052008	Active	NVRO	Prince William Metal	7905 Notes Drive	Manassas	VA	20109	153	Prince William County
VAR052014	Active	NVRO	Double T Automotive Incorporated	15009A Jefferson Davis Hwy	Woodbridge	VA	22194	153	Prince William County
VAR052074	Active	NVRO	Manassas Material Recovery Facility	7911 Notes Drive	Manassas	VA	20109	153	Prince William County
VAR052115	Active	NVRO	Penny's Used Auto Parts	13059 Minnieville Rd	Woodbridge	VA	22192	153	Prince William County
VAR052190	Active	NVRO	M and F Concrete Incorporated	7326 Old Compton Rd	Manassas	VA	20109	153	Prince William County

VAR051293	Application	NVRO	General Dynamics Amphibious Systems AAV Tech Ctr	991 Annapolis Way	Woodbridge	VA	22191	153	Prince William County
VAR052243	Application	NVRO	234 Auto and Truck Salvage Limited Liability Compa	14821 Dumfries Rd	Manassas	VA	20110	153	Prince William County
VAG750237	Active	NVRO	F H Furr Plumbing Heating and Air Conditioning Inc	9040 Mike Garcia Dr	Manassas	VA	20109	153	Prince William County
VAG110067	Active	NVRO	Hard Rock Concrete Limited Liability Corporation	6650 James Madison Hwy	Haymarket	VA	20169	153	Prince William County
VAG110068	Active	NVRO	Arban and Carosi Incorporated	13800 Dawson Beach Rd	Woodbridge	VA	22191	153	Prince William County
VAG110083	Active	NVRO	Virginia Concrete Company Inc - Woodbridge	936 Annapolis Way	Woodbridge	VA	22191	153	Prince William County
VAG110100	Active	NVRO	Virginia Concrete Company Inc - Gainesville	7300 Rail Line Ct	Gainesville	VA		153	Prince William County
VAG110111	Active	NVRO	Aggregate Industries MAR - Manassas	9321 Developers Dr	Manassas	VA	20109	153	Prince William County
VAG110313	Active	NVRO	Hanson Pipe and Precast Incorporated	7816 Bethlehem Rd	Manassas	VA	20109	153	Prince William County
VAG830458	Active	NVRO	Chase David D Residence	13734 Joyce Rd	Woodbridge	VA	22191	153	Prince William County

BMP 2 – Develop Prioritized Schedule for Monitoring VPDES and High Risk Outfalls

Outfalls identified as VPDES and High Risk as described above are inspected according to specific protocols outlined in the Prince William County's IDDE Program. Outfalls are prioritized and inspected according to a probability of pollutant discharge. This probability takes in account an assumed potential for a discharge to occur, possible pollutant discharge effect according to the type of facility and its operations, and the potential for environmental damage according to the facilities proximity to environmentally sensitive areas. This analysis is performed using GIS, and is updated on an annual basis. Outfall prioritization follows an iterative process that incorporates in-field observations. During outfall/facility analysis if a greater amount of pollutant discharges are found coming from a specific High Risk land use or VPDES facility, values will be adjusted to reflect the increase in pollutant discharge probability. As outfalls are monitored under the County's Dry Weather Monitoring Program, those which are determined to have a high potential for pollutant discharge are identified as High Risk and added to the prioritized schedule the next time it is updated.

This prioritized schedule will be presented in the MS-4 program plan. Along with more in depth procedures associated with the industrial and high risk monitoring program.

BMP 3 – Develop Program to Monitor VPDES and High Risk Outfalls

VPDES and High Risk outfalls are scheduled for inspection according to the methods described in BMP 2. Outfalls are monitored in accordance with the County's Dry Weather Monitoring Protocols. Facilities whose outfalls are found to discharge significant pollutant flows within 3 consecutive inspections (follow-up inspections are scheduled according to IDDE protocols) are referred to DEQ for compliance review (see BMP 6). Outfalls of VPDES permitted facilities are inspected once a year, while High Risk outfalls are inspected once a permit cycle (due to high volume).

During the reporting period PWC conducted 19 industrial and high risk outfall inspections. Four outfalls were found to be flowing, however no illicit discharges were detected. The number of inspections is expected to increase dramatically in the next reporting period as the County instituted its new IDDE program in September 2015.

BMP 4 – Review DMR Reports provided by VPDES Permitted Facilities

To comply with permit conditions, PWC requests Discharge Monitoring Reports (DMRs) from all applicable (non-exempt) VPDES permitted facilities that discharge into the County's MS-4. Prince William County may conduct additional monitoring, or may require the facility to conduct additional monitoring, of any stormwater discharges it believes may be a source of significant pollutant loadings. Facilities that discharge in to the County's MS-4 and do not provide the DMR's will be directed to DEQ for compliance review (BMP 6).

BMP 5 – Identify High Risk Dischargers Not Covered Under VPDES Program

As outfalls for facilities determined to have a high risk for pollutant discharge are inspected, those which do not fall under VPDES permitting requirements or Virginia State Water Control Law are identified. These facilities are included under the County’s High Risk Designation. Outfalls from these facilities are included in the prioritized outfall inspection schedule described in BMP 2. Any facility found to be discharging significant pollutants to the stormsewer system will be required to adopt control measures to prevent these discharges from entering the County’s MS-4 under appropriate regulatory ordinance, since they cannot be referred to DEQ for VPDES compliance review. If access to facilities that fall under these conditions cannot be obtained by watershed staff, assistance from the PWC Fire Marshal’s office will be requested.

BMP 6 – Refer Facilities in Noncompliance to DEQ for Review

PWC is required to refer the following facilities to the Department of Environmental Quality, Northern Regional Office, for DEQ compliance review under the Virginia State Water Control Law:

- Facilities and operations having non-stormwater discharges that do not have coverage under an existing VPDES permit;
- Facilities and operations identified pursuant to 40 CFR Part 122.26(b)(14) with manufacturing, processing, or raw materials storage outside that do not have coverage under an existing VPDES industrial stormwater permit.
- Any VPDES industrial stormwater permit facility where there is evidence of significant pollutant loadings to the MS4.
- Facilities that do not submit signed copies of DMRs to the permittee as required under a VPDES industrial stormwater permit.

During the reporting period no facilities were deemed necessary to report to DEQ for compliance review. This number is expected to increase as PWC expands its industrial and high risk monitoring program.

h. Storm Sewer Infrastructure Management

BMP 1 – Identify MS-4 Service Area and Regulated Outfalls

An integral part of developing the County’s Chesapeake Bay TMDL action plan is determining the MS-4 regulated area. Prince William County maintains a comprehensive GIS database of SWM facilities and its stormsewer system. Included in this system are approximately 665 miles of storm drainage easements, over 8,000 stormwater outfalls, and 1,752 private and publically maintained SWM facilities; however, not all these facilities are served by MS-4 regulated areas.

Prince William County is in the process of determining the extent this system falls under the County’s MS-4 service area. Working with a contractor, the County is in the process of narrowing down which outfalls, stormsewer pipe network, and SWM facilities the County regulates under its MS-4 permit. Reporting will include the individual ID number, local watershed, HUC and receiving water, and latitude/longitude for each MS-4 structure. The number of pervious and

impervious acres served by the MS-4 and treated by MS-4 controls will also be identified and reported. In addition the County is looking at sections of its jurisdictional area where outfalls/stormwater infrastructure is not accounted for. These areas are typically older sections of the County, and may include areas where As-built information is not available or outdated. The identification of MS-4 outfalls is expected to be completed within 18 months of permit issuance.

BMP 2 – Continue Inspection of Publicly Maintained SWM Facilities

Prince William County continues a program for the inspection and maintenance of SWM facilities maintained by the County. Publicly maintained facilities include those owned by HOA's and residential communities or by the County Board of Supervisors, and where basic maintenance responsibilities are performed by County staff. The County is responsible for the maintenance of approximately 821 facilities, most of which are dry ponds, wet ponds, infiltration trenches, or sand filter facilities. The County maintains a limited number of Bioretention and proprietary BMP facilities.

County Maintained SWM/BMP facilities are typically inspected under two scenarios; under the general inspection program which occurs once a year, or, as requested by an impacted property owner. Maintenance is prioritized by the severity of maintenance needs for the facility. Maintenance on publically maintained SWM facilities is performed by Prince William County Construction Services as necessary. All applicable permitting requirements will be met during maintenance activities.

The publically maintained SWM facility inspection and maintenance SOP is included in Appendix C. During the reporting period County staff conducted 516 inspections of publically maintained facilities. Of those facilities inspected, 93 had some form of maintenance completed on them. A list of these facilities and their inspection date are included in Appendix C.

BMP 3 – Continue Inspection of Privately Maintained SWM Facilities

The County has a program in place to inspect more than 20 percent of the privately maintained facilities annually and to pursue enforcement actions in instances where maintenance is needed. All privately maintained facilities will be inspected within the five year permit cycle. Prince William County encompasses approximately 931 privately maintained facilities. These facilities are comprised of many structures including, dry ponds, wet ponds, constructed wetlands, bioretention facilities, proprietary stormwater inlet BMP facilities, underground storage facilities, infiltration trenches, and many more.

Facilities are selected for inspection starting with the oldest facilities in the County. Facilities in compliance with maintenance requirements are scheduled for re-inspection during the following permit cycle. Facilities with deficiencies are provided adequate time to repair issues and the owner is provided with a detailed report outlining those deficiencies. If deficiencies are not corrected within the time period allotted a second notice is given, and additional time is provided for repairs. If the facility is still not repaired, Prince William County Construction Services conducts maintenance on the facility and the facility owner is required to reimburse the County for expenses. Follow up inspections are performed to ensure maintenance requirements are followed. Facility

owners are urged to self-report maintenance activities to the County in the form of a detailed engineering report.

Before a privately maintained facility can be removed from bond, it requires a maintenance agreement to ensure the proper upkeep of the facility. A majority of the privately-maintained SWM facilities have duly-recorded Maintenance Agreements that requires the owner to perform the inspection and maintenance at a frequency identified in the Agreement. For those facilities that do not have Maintenance Agreements, our County Attorney has determined that the maintenance note on the plan is still enforceable.

The County has been successful in enforcing maintenance. A copy of such enforcement action is included in the Appendix D along with the applicable Standard Operating Procedures (SOPs) for the Inspection & Maintenance of stormwater controls.

During the reporting period a total of 48 inspections and 56 re-inspections were conducted. Of those, 39 were found to be in compliance, while one was not in compliance, and 2 were found to be no longer in service. Twenty facilities are still in the inspection process; all of these facilities are expected to be brought into compliance. The following table describes inspection, maintenance, and enforcement of privately maintained facilities for the reporting period.

Facility #	Date of Inspection	Inspection Type	Facility in Compliance ?	Maintenance Type	Owner 60-Day Ltr	CAO 30-Day Ltr	CAO 15-Day Ltr	Notes
5007	03.12.15	Routine	In progress	Minor	Yes			Maintenance needed (re-inspection 05.25.15)
5037	05.05.15	Routine	No	Major	No			Starting phase II of remediation
5037	06.10.15	Re-inspection	Yes	Minor	Yes			Work completed
5038	04.03.15	60 Day Re-inspection	No	Minor	Yes	Yes		Work not complete / CAO
5038	05.07.15	Re-inspection	Yes	Minor	Yes			Work completed
5040	04.03.15	60 Day Re-inspection	Yes	Minor	Yes			Work complete
5051	06.19.15	Re-inspection	Yes	Minor	Yes			Work completed
5059	06.19.15	Routine	In progress	Major	Yes			Maintenance needed
5069	03.31.15	60 Day Re-inspection	In progress	Minor	Yes	Yes		Work not complete / CAO
5076	01.09.15	Routine	No		Yes	Yes		Maintenance needed
5076	03.31.15	60 Day Re-inspection	In progress	Minor	Yes	Yes		Work not complete / CAO
5077	01.09.15	Routine	No		Yes	Yes		Maintenance needed
5077	03.31.15	60 Day Re-inspection	In progress	Major	Yes	Yes		Work not complete / CAO
5079	04.21.15	Routine	Yes	None	Yes			No maintenance needed
5080	01.09.15	Routine	No	Major	Yes			Maintenance needed
5080	03.31.15	60 Day Re-inspection	No	Minor	Yes	Yes		Work not completed / CAO
5080	05.13.15	Re-inspection	Yes	Major	Yes			Work completed
5107	02.09.15	Re-inspection	Yes	Major	Yes	Yes	Yes	County finished the punch list work
5115	04.03.15	60 Day Re-inspection	Yes	Minor	Yes			Work complete
5117	03.12.15	Routine	No	Minor	Yes			Maintenance needed (re-inspection 05.25.15)
5117	05.26.15	Re-inspection	Yes	Minor	Yes			Work completed
5118	03.12.15	Routine	No	Minor	Yes			Maintenance needed (re-inspection 05.25.15)
5118	05.26.15	Re-inspection	Yes	Minor	Yes			Work completed

5120	03.12.15	Routine	In progress	Minor	Yes			Maintenance needed (re-inspection 05.25.15)
5120	06.18.15	Re-inspection	Yes	Minor	Yes			Work completed
5131	02.03.15	Routine	No	Minor	Yes			Maintenance needed
5131	05.14.15	Re-inspection	In progress	Minor	No			Work not complete / CAO
5133	03.12.15	Routine	In progress	Minor	Yes			Maintenance needed (re-inspection 05.25.15)
5149	06.18.15	Routine	Yes	None	No			No maintenance needed
5187	03.12.15	Routine	No	Minor	Yes			Maintenance needed (re-inspection 05.25.15)
5187	05.26.15	Re-inspection	Yes	Minor	No			Work completed
5190	05.19.15	Routine	In progress	Minor	Yes			Maintenance needed
5215	03.12.15	Routine	No	Minor	Yes			Maintenance needed (re-inspection 05.25.15)
5215	06.18.15	Re-inspection	Yes	Minor	No			Work completed
5224	05.05.15	Routine	In progress	Major	Yes			Maintenance needed
5227	01.23.15	Routine	No		Yes			Maintenance needed
5227	04.01.15	60 Day Re-inspection	In progress	Minor	Yes	Yes		Work not complete / CAO
5228	01.23.15	Routine	No		Yes			Maintenance needed
5228	04.01.15	60 Day Re-inspection	In progress	Minor	Yes	Yes		Work not complete / CAO
5235	03.12.15	Routine	No	Minor	Yes			Maintenance needed (re-inspection 05.25.15)
5235	04.02.15	Owner Request Meeting	No	Minor	No			Met with owner and contractor
5235	06.19.15	Re-inspection	Yes	Minor	No			Work completed
5334	04.28.15	60 Day Re-inspection	Yes	Minor	No			Work complete
5336	04.03.15	60 Day Re-inspection	In progress	Minor	Yes	Yes		Work not complete / CAO
5341	04.03.15	60 Day Re-inspection	No	Minor	Yes	Yes		Work not complete / CAO
5358	05.19.15	Routine	No	Major	Yes			Maintenance needed
5358	06.19.15	Re-inspection	Yes	Minor	No			Work completed
5387	05.05.15	Routine	In progress	Major	Yes			Maintenance needed
5400	03.31.15	Routine	VDOT MS4	None	No			Maintenance needed (VDOT POND)
5422	02.06.15	Routine	No		Yes			Maintenance needed
5422	04.01.15	Owner Request Meeting	No	Minor	No			Met with owner and contractor
5422	05.29.15	Re-inspection	Yes	Minor	No			Work completed

5423	02.06.15	Routine	No		Yes		Maintenance needed
5423	05.14.15	Re-inspection	Yes	Minor	No		Work completed
5424	02.06.15	Routine	No		Yes		Maintenance needed
5424	04.01.15	Owner Request Meeting	No	Minor	No		Met with owner and contractor
5424	05.29.15	Re-inspection	Yes	Minor	No		Work completed
5425	02.06.15	Routine	No		Yes		Maintenance needed
5425	05.14.15	Re-inspection	Yes	Minor	No		Work completed
5426	02.06.15	Routine	No		Yes		Maintenance needed
5426	04.01.15	Owner Request Meeting	No	Minor	No		Met with owner and contractor
5426	05.29.15	Re-inspection	Yes	Minor	No		Work completed
5427	02.06.15	Routine	No		Yes		Maintenance needed
5427	05.14.15	Re-inspection	Yes	Minor	No		Work completed
5460	03.12.15	Routine	VDOT MS4	Minor	No		Maintenance needed (VDOT POND)
5501	03.05.14	Re-inspection	Yes	Minor	No		Work complete
5509	05.05.15	Routine	In progress	Major	Yes		Maintenance needed
5515	03.12.15	Routine	No	Minor	Yes		Maintenance needed (re-inspection 05.25.15)
5515	05.29.15	Re-inspection	Yes	Minor	No		Work completed
5553	02.03.15	Routine	No		Yes		Maintenance needed
5553	05.29.15	Re-inspection	Yes	Minor	No		Work completed
5555	01.23.15	Routine	No		Yes		Maintenance needed
5555	04.01.15	60 Day Re-inspection	In progress	Minor	Yes	Yes	Work not complete / CAO
5556	01.23.15	Routine	No		Yes		Maintenance needed
5556	04.01.15	60 Day Re-inspection	In progress	Minor	Yes	Yes	Work not complete / CAO
5557	01.23.15	Routine	No		Yes		Maintenance needed
5557	04.01.15	60 Day Re-inspection	In progress	Minor		Yes	Work not complete / CAO
5558	01.23.15	Routine	No		Yes		Maintenance needed
5558	04.01.15	60 Day Re-inspection	In progress	Minor		Yes	Work not complete / CAO
5559	01.23.15	Routine	No		Yes		Maintenance needed
5559	04.01.15	60 Day Re-inspection	In progress	Minor		Yes	Work not complete / CAO
5611	04.14.15	Owner Requested Re-inspection	Yes	Minor	No	Yes	Work complete
5698	03.10.15	Re-inspection	Yes	Minor	No	Yes	Work complete

5765	02.04.15	Re-inspection	Yes		Yes		Work complete
5770	03.12.15	Routine	In progress	Minor	Yes		Maintenance needed (re-inspection 05.25.15)
5813	04.16.15	Routine	No	Minor	No		Minor maintenance needed
5813	05.04.15	Owner Requested Re-inspection	Yes	Minor	No		Work complete
5814	04.16.15	Routine	No	Minor	No		Minor maintenance needed
5814	05.04.15	Owner Requested Re-inspection	Yes	Minor	No		Work complete
5815	04.16.15	Routine	No	Minor	No		Minor maintenance needed
5815	05.04.15	Owner Requested Re-inspection	Yes	Minor	No		Work complete
5816	04.16.15	Routine	No	Minor	No		Minor maintenance needed
5816	05.04.15	Owner Requested Re-inspection	Yes	Minor	No		Work complete
5910	02.03.15	Routine	No		Yes		Maintenance needed
5910	05.14.15	Re-inspection	Yes	Minor	No		Work completed
5911	02.03.15	Routine	No		Yes		Maintenance needed
5911	05.14.15	Re-inspection	Yes	Minor	No		Work completed
5912	02.03.15	Routine	No		Yes		Maintenance needed
5912	05.14.15	Re-inspection	Yes	Minor	No		Work completed
5913	02.03.15	Routine	No		Yes		Maintenance needed
5913	05.14.15	Re-inspection	Yes	Minor	No		Work completed
5917	03.12.15	Routine	No	Minor	Yes		Maintenance needed (re-inspection 05.25.15)
5918	03.31.15	60 Day Re-inspection	Yes	None	Yes		No maintenance needed
5919	03.31.15	60 Day Re-inspection	Yes	None	Yes		No maintenance needed

IN COMPLIANCE	39
NOT IN COMPLIANCE	1
ELIMINATED	2
IN PROGRESS	20
Total	62

SWM FACILITIES INSPECTED		48
REINSPECTIONS & MEETINGS		56
	Total	104

BMP 4 – Continue Inspection of MS-4 Stormsewer System

Prince William County conducts routine inspection of its storm drainage system, inspecting no less than 20% of the MS-4 annually. Until the County determines the exact extent of its MS-4, it is assumed the MS-4 includes all storm drain systems under County easement. Stormsewer is inspected using visual inspection techniques, as well as using CCTV.

The County continues to implement a program to inspect all new drainage systems (eligible for County maintenance) using video cameras, prior to accepting the systems into the County's maintenance program.

During the reporting period the County conducted routine inspections on 114.1 miles of stormsewer, 4.3 miles of stormsewer were inspected as a result of citizen complaint, 12.3 miles of stormsewer was inspected using cameras or CCTV, and 19.4 miles of stormsewer was inspected as part of SWM/BMP facility maintenance. Overall, 150.1 miles of stormsewer were inspected during the reporting period.

BMP 5 – BMP/SWM Inventory

Prince William County maintains an inventory of all SWM/BMP facilities installed in the County. This list was updated for the newest run of the Chesapeake Bay model, and includes all facilities installed after 1985. This list is updated and added to continuously as new facilities come on line, and old facilities are removed or retrofitted. This list includes the facility number, type, total acres treated, impervious acres treated, HUC code, State FIPS, and latitude/longitude and is included in Appendix E.

In addition, 9 facilities were added to the County's inventory during the reporting period. These facilities are listed below.

Fac ID	Fac Type	Fac Desc	Dr. Area	Dr. Area Ctrl	BMP Ac.	Sub area	Final Date	Date Inven	Main t	SWM Agree	VaHUC 6	VaHUC12	drains to	latitude		longitude	
922	SWMP/BMP	D	21.40	21.40	21.40	850	12/18/2014	2/12/2015	P	N	PL49	Neabsco Creek	Piped System	38.6040	38° 36' 14.3994"	- 77.2908	-77° 17' 26.88"
925	BMP	T	6.40	6.40	6.40	240	5/7/2015	6/24/2015	P	N	PL32	Broad Run-Catletts Branch	Natural Channel	38.7749	38° 46' 29.64"	- 77.6212	-77° 37' 16.32"
926	BMP	T	1.89	1.89	1.89	240	5/7/2015	6/24/2015	P	N	PL32	Broad Run-Catletts Branch	Natural Channel	38.7742	38° 46' 27.12"	- 77.6206	-77° 37' 14.1594"
927	BMP	B	2.54	2.54	2.54	246	5/7/2015	6/24/2015	P	N	PL32	Broad Run-Catletts Branch	Natural Channel	38.7752	38° 46' 30.7194"	- 77.6183	-77° 37' 5.88"
5919	CBMP	B	0.75	0.75	0.75	845	1/29/2015	2/23/2015	C	Y	PL49	Neabsco Creek	Piped System	38.6399	38° 38' 23.6394"	- 77.2962	-77° 17' 46.3194"
5931	CBMP	B	0.15	0.15	0.15	915	4/3/2015	4/16/2015	C	Y	PL50	Potomac River-Occoquan Bay	Piped System	38.6388	38° 38' 19.68"	- 77.2687	-77° 16' 7.3194"
5939	CBMP	U	2.97	2.97	2.16	850	4/27/2015	6/16/2015	C	Y	PL49	Neabsco Creek	Piped System	38.6122	38° 36' 43.92"	- 77.2880	-77° 17' 16.7994"
5940	CSWMP/BMP	U	2.97	2.97	2.16	850	4/27/2015	6/16/2015	C	Y	PL49	Neabsco Creek	Piped System	38.6123	38° 36' 44.2794"	- 77.2882	-77° 17' 17.52"
5947	CBMP	T	0.06	0.06	0.06	815	6/11/2015	9/3/2015	C	Y	PL49	Neabsco Creek	Natural Channel	38.6485	38° 38' 54.5994"	- 77.3596	-77° 21' 34.56"

i. County Facilities

BMP 1 – Promote Good Housekeeping Practices for Municipal Facility Operations

Prince William County promotes good housekeeping practices throughout all its municipal facilities through its Environmental Management System (EMS) program and other methods. PWC Watershed Management in partnership with PWC Risk Management enforces good housekeeping at County municipal facilities. The EMS program promotes consistency and accountability in the method for addressing environmental concerns through the allocation of resources, assignment of responsibility and ongoing evaluation of practices, procedures, and processes. This program emphasizes objectives such as the identification and prevention of spills, hazardous material storage and removal, storage tank inspection and maintenance, waste disposal and recycling, proper equipment and material storage, and many other environmental good housekeeping practices.

The following list shows some of the public buildings or facilities that have either Extraordinary Environmental Enterprise (E-3/E-4) or LEED certification:

- E4 – PWC Solid Waste Sanitary Landfill
- E4 – PWC Balls Ford Road Recycling & Composting Facility
- E3 – PWC Fleet Management Facility
- E3 – PWC Environmental Services Operations Building
- E3 – PWC Buildings & Grounds Central Supply
- E3 – PWC Buildings & Grounds Print Shop
- E3 – PWC Public Works - Environmental Services

In addition to the EMS program, Prince William County promotes good housekeeping activities for parks and rec facilities. These facilities are inspected semi-annually, to ensure good housekeeping practices are being followed. This includes properly managing yard waste and grass clippings. Police and fire vehicles are required to be washed in an environmentally safe manner, allowing no wash water to enter stormdrain systems. Most vehicles are washed in commercial car washing facilities. PWC Fleet Management has worked closely with Risk Management and Watershed Management to set up a system to prevent the leaking or spilling of vehicles on site waiting for maintenance.

Prince William County's storm drain labeling program targets high priority municipal facilities to maintain markings on storm drain inlets. This program not only labels inlets at high priority municipal facilities, but in multiple areas of the county including high risk shopping centers and residential neighborhoods.

BMP 2 – Identify High Priority Municipal Facilities

The County houses many municipal facilities that can have a high potential for industrial type discharges. Some, like the PWC landfill facility, are covered under their own VPDES permit for stormwater discharges. The County is in the process of determining which additional facilities may be determined as High Risk for stormwater discharge pollutants. In FY15, the County did a preliminary inspection of many potential high risk facilities. These facilities include locations

where vehicles are stored, construction materials are housed, or fueling stations are located. The County is continuing its assessment of its facilities for High Priority status, and is in the process of determining which facilities may need separate VPDES permits and will report such facilities in the Program Plan Document to be presented to the Department in December 2015.

BMP 3 – Develop SWPPPs for Selected High Priority Municipal Facilities

Facilities that were deemed High Risk and are not eligible, or do not require a separate VPDES permit will be evaluated for the development of a Stormwater Pollution Prevention Plan (SWPPP). SWPPPs will include a site description that includes site map showing all outfalls, direction of flows, existing source controls, and receiving water bodies; a checklist of potential pollutants and pollutant sources; all potential non-stormwater discharges; a maintenance schedule for all source controls; policies and procedures implemented at the facility for source reduction; an inspection schedule to ensure source reduction controls are implemented and maintained properly; training schedules for facility employees; procedures for annual evaluations of the facility; dry weather monitoring procedures; and all modifications made as a result of a spill or release of pollutant. Once the County has determined high priority municipal facilities within its MS-4 service area, it will begin development of SWPPPs for those facilities.

j. Public Education and Participation

The Department of Public Works plays a crucial role in the community's efforts to improve water quality, protect water resources and prevent pollution. We have created a number of programs and initiatives for residents, businesses and our County coworkers. Our goal is to educate the public, raise awareness and appreciation for the protection of our local waters and encourage participation in volunteer opportunities.

Working with the Community

Public Works has partnered with citizens, business and organizations on opportunities, projects and events to advance our goals to protect and preserve natural resources. Together, we have taken on coordinated projects and also helped support each other's individual projects. We are able to increase our efficiency, effectiveness and reach into the community, as well as maximize our use of funds, talent and knowledge.

One of our successful collaborations is the Local Environmental Education Partners (LEEP). LEEP focuses on environmental programs and community awareness. Our goal is to inspire all citizens to play an active role in protecting our local environment. LEEP members share information, collaborate on efforts, network and combine resources.

Public Works staff serves as experts and judges for school programs such as science fairs, poster contests, mentoring programs, materials and resources for teachers/projects, as well as the Virginia Envirothon competition in April. We also assist other organizations with the student programs in the community at local schools or parks by providing materials or experts. In May, we launched a new endeavor to provide meaningful field training and volunteer opportunities for the growing local home school community.

Another successful collaboration for Public Works is working with Volunteer Prince William on an annual community recognition program. For the past three years, we have recognized

individuals, families, businesses, government agencies and non-profit organizations with our Green Community Award. Many other organizations also recognize their volunteers for a variety of services to the community, including home improvements, literacy, animal protection, fundraising for charities, etc. We feel it offers all volunteers a larger audience and an appreciation for the diversity of amazing work completed by volunteers.

From January to June 2015, Public Works has coordinated, hosted or facilitated a number of opportunities for the community to learn and serve.

- Our 14th annual Youth Ambassadors' Conference on the Environment focused on planting native and creating habitat. We hosted over 90 students and 30 student leaders at the conference. In addition, 60 adults participated in the parent symposium with the same topic.
- From mid-March to the end of April, we hosted five conservation projects including trail repair, campsite improvements, garden care at a local wildlife preserve, slope stabilization using plants, tree and live stake planting along a fragile stream and wildflower meadow planting. We contributed nearly 200 volunteer hours to preserve our community.
- We hosted our fourth Earth Day Festival for County employees and their families with 20 interesting displays hosted by Public Works and our partner agencies, including a number of displays on water conservation and protection. We had an estimated 200 participants.
- Public Works provided support for the annual Arbor Day Celebrations at local schools hosted by the Prince William Soil and Water Conservation District in April and May. We had over 1500 students participate in the events.
- We recognized six community leaders with the Green Community Award and 60 families for their participation in the five conservation projects.

We have also created a number of online, printed and video pieces to help educate the public and raise awareness about the issues.

- We enhanced our Environmental Services Web pages to include more information for citizens on pollution prevention and illicit discharge, as well as an online tour of our stream restoration projects.
- Staff has created a web page dedicated to green tips and practices for the community at www.pwcgov.org/gogreen.
- Working with the County Videography team, we created a Public Service Announcement on protecting our streams from runoff down the storm drains.
- We provide information to the public through web pages, local government news channel, bulletin board items on cable, public service announcements and e-notification messages.
- We offer printed information about illicit discharge, picking up after pets and pool maintenance.

Working with County Employees

Beginning in 2008, Public Works has taken the lead on green initiatives for the County Government. Public Works facilitates the Green Guiding Committee and Green Champions, plus

several staff members serve on the Environmental Management Systems Team. These groups tackle energy conservation, fuel conservation, recycling, waste reduction, green buildings, green procurement and water quality in our daily operations. Highlights of our efforts include:

- Staff created the Green Guiding Principles, which recommends sound practices and processes to protect the environment.
- We established a program to address environmental spills and response with regular training.
- Staff set up a program for the proper disposal of Universal Waste products including difficult items such as televisions, CRTs, shredded hard drives and battery packs.
- We created a short online tutorial and test regarding watersheds for County Employees.
- In 2015, staff began new procedures for regular maintenance and cleaning of coils on air conditioning units at County Facilities to prevent run off from entering the storm drain system.
- In 2015, we expanded our agreement with a local high school to collect printer cartridges, cables and cords, CDs and jewel cases and other small electronics such as cell phones and cameras.
- We installed water bottle filling stations at many County Facilities to reduce the use of bottled water.

Public Works has earned the E3 rating at a number of our facilities and operations and an E4 rating for the County Landfill and Compost Facility through the Virginia Department of Environmental Quality. We also have 30 offices within the County Government that participate in DEQ's Sustainability Partners program. These partners are finding innovative ways to reduce waste, recycle more, drive more efficiently, reduce energy use and share resources.

Community Educational Programs and Events

Public Works sponsors a variety of programs and volunteer opportunities, many of these events have been underway for years.

- Public Works provides funding to Keep Prince William Beautiful to support clean ups to keep litter out of our streams, quarterly litter surveys and efforts to place storm drain labels. In 2014, volunteers donated 7,500 hours of service and cleaned up 126,000 pounds of trash. They are on track to increase those numbers in 2015.
- Public Works provides funding to help support educational programs on landscape and lawn care for the public through the Virginia Cooperative Extension. Citizens learn about environmentally sound ways to care for their lawns to help reduce fertilizer, herbicides and pesticides from entering streams. The Cooperative Extension offers hundreds of informational pamphlets and a variety of courses throughout the year. Their team of Master Gardeners provides tips and landscaping assistance to the community.
- Public Works provides funding to the Prince William Soil and Water Conservation District to support youth education, including over 200 classroom presentations (District staff presentation or teacher use of education capsules) and field experiences from January to June 2015.

- Public Works provides funding to the Prince William Soil and Water Conservation District to sponsor the Adopt-a-Stream program in the community. From June 2014 to June 2015, 971 volunteers picked up 26,906 pounds of trash along 72 miles of streams.
- Public Works provides funding to the Occoquan Testing Laboratories for water monitoring programs, including Bacteria Source Tracking.
- Public Works has spoken at a number of community events, HOA meetings, civic organizations and public forums.

On the Ground Projects to Better Manage Waste

- Public Works provides twice a week collection of household hazardous waste at the County Landfill and once a month collection at the County Compost Facility. From January to June 2015, we had 11,526 citizens bring nearly 50 tons of household hazardous waste to the facility. We also accept electronic waste during these collections.
- Public Works provides recycling containers at 18 convenient locations throughout the community and a weekly trash and recyclable collection in the rural section of the county.
- Staff conducts regular inspections of refuse hauling equipment to reduce incidents of spills and leaks from trucks, as well as trash blowing from trucks that could make its way to local waterways.
- Public Works captures methane gas produced at the County Landfill. We are able to generate enough electricity to serve 5000 homes. This practice reduces the potential for methane gas escaping into the air and water.

k. Training

BMP 1 – Continue to Train Staff in the Recognition of Illicit Discharges and Good Housekeeping Practices

Prince William County Staff will be trained on the recognition and reporting of Illicit Discharges as well as implementation of good housekeeping practices. Currently, all staff are presented basic good housekeeping, spill prevention, and illicit discharge prevention practices through required EMS training. This training is conducted annually and is required for all staff including full time parks and rec staff.

During FY16, the County is conducting additional more in depth training on disposal of universal waste, Illicit discharge prevention (vehicle/equipment washing, landscaping, and outdoor construction), and spill prevention and response. These trainings will be offered to all employees annually.

During the reporting period, 22 staff were present in EHS450 training. This training gives a basic overview of spill response and good housekeeping practices. This number is expected to increase as a majority of trainings are conducted in the fall.

BMP 2 – Continue to ensure pesticide and Herbicide Application Occurs in Accordance With Pesticide Control Board Regulations

All County staff and staff of County contractors receive appropriate training in pesticide and herbicide application. These include staff of Parks and Recreation, as well as Environmental Services Mosquito and Forest Pest Management staff. All staff are required to stay current in applicable trainings and certifications.

BMP 3 – Continue to ensure County Staff are Trained and Certified in DEQ Stormwater, E&S, and Plan Review Courses

All watershed management, plan review, and E&S staff are required as part of their position to complete and certify in DEQ stormwater, E&S, or plan review courses. Required certifications are dependent on job type. All E&S inspectors are required to be certified in DEQ E&S courses. Plan review and watershed inspection staff are required to take the stormwater and plan review certifications. Some administrative staff are required to certify as a combined administrator.

BMP 4 – Continue to ensure Emergency Response Staff are Trained in Spill Response

All uniform personnel are trained to the hazmat first responder operations level. This training teaches spill control as a defensive manner. This training is regulated by 29 CFR 1910.120(q) and NFPA 472. The 80 HAZMAT technicians or specialists and 550 career personnel are required to be current in this training. During the reporting period, all required personnel were current in Emergency Spill Response training.

I. Water Quality Screening Programs

BMP 1 – Develop and Maintain a Dry Weather Monitoring Program

Prince William County's Dry Weather Monitoring Program is a comprehensive program designed to detect non stormwater discharges to the County's stormsewer system. Using an in-depth hot spot analysis which determines areas of the County where discharges may occur, and where those discharges may have the greatest environmental impact, County staff prioritizes outfalls for inspection. Incorporated into the hotspot analysis are areas in proximity to sensitive waterbodies, areas of high risk land use (Car washes, restaurants, gas stations, industrial areas, etc.), VPDES permitted facilities, areas with a history of complaint, and other factors.

Dry weather discharge inspections are guided by the Mobile IDDE application. The Mobile IDDE application guides inspectors through dry weather inspections, schedules follow-up inspections, notifies staff of maintenance issues, and allows program administrators to effectively assess and manipulate data pertaining to the IDDE program. This data is then used to input back into the hotspot analysis to improve program performance. The Mobile IDDE application is designed to increase efficiency, continuity, and accuracy from inspection to inspection, and inspector to inspector.

Once a discharge is found, violators have up to 30 days to mitigate and remove discharges before additional action is taken (unless not possible, in this case an action plan is created). A more in-depth description of the County's Dry Weather Monitoring program including inspection

procedures will be included in the County's Program Plan submitted to the Department in December 2015.

During the reporting period, Prince William County Conducted 452 dry weather monitoring inspections. Of these inspections 1 illicit discharge was identified and resolved. A summary of dry weather monitoring inspections from the reporting period can be seen in Appendix F. All inspection forms will be included as a supplementary CD submitted to the Department as part of this report.

BMP 2 – Develop and Maintain a Wet Weather Screening Program

The County has made progress on Prince William County's wet weather monitoring program, as required by the new/current Permit. The County will establish a program for monitoring select /high risk outfalls within the County during storm events. The County is in the process of identifying sampling sites, sampling schedules and sample processing procedures. The written procedures for the Wet Weather Screening program will be presented to the Department as part of the County's Program Plan in December of 2015.

m. Infrastructure Coordination

BMP 1 – Implement Annual Coordination Meeting with VDOT

Prince William County will meet annually with VDOT to coordinate on priority issues for the implementation of the County's MS-4 program plan and TMDL action planning relevant to the interconnectivity of the County and VDOT's MS-4 systems. This meeting will be scheduled between PWC and VDOT sometime during the fiscal year.

BMP 2 – Coordinate with VDOT on MS-4 Initiatives

During annual meetings with VDOT the County will discuss MS-4 interconnectivity issues such as:

Mapping – Status of mapping program and the ownership of MS-4 components

Chesapeake Bay TMDL – Means Methods and Schedule for reductions under the Chesapeake Bay TMDL special condition where impacts may occur to interconnected MS-4 areas.

Other TMDL Action Plans – Means Methods and Schedule for reductions under the other TMDL special conditions where impacts may occur to interconnected MS-4 areas.

TMDL Implementation Credit – Ensure BMP retrofits do not encounter double crediting. Discuss sharing of BMP credit if applicable.

Illicit Discharge – Share information pertaining to the County’s IDDE program and coordinate with VDOT on the identification of high risk facilities. Establish procedures for reporting discharges identified from the VDOT MS-4 system.

Water Quality Monitoring – Discuss and present results of the County’s water quality monitoring programs. This includes monitoring data collected from areas where the physically-interconnected MS-4 discharges to or flow is received from the VDOT MS-4.

Prince William County plans to meet with VDOT during fall of 2015.

III. Monitoring Requirements

1. Biological Stream Monitoring

Prince William County is in the process of developing its in-stream biological monitoring program. Proposals are in review for a contractor to monitor five sites. The County plans to pair these biological stream monitoring sites with that used by the in-stream water quality monitoring sites described below in section III.2. Monitoring protocols will be consistent with the Permits requirement of RBP. Prince William County proposes the use of a modified RBP which guides the assessor with a set of consistent rules in order to remove some bias from inspection to inspection. This modified RBP method uses the same forms and scoring as the standard RBP protocol. Sampling will occur twice a year at each selected stream site. Description of proposed stream sites and the RBP protocols will be included in Appendix __ of this document.

2. In-stream Monitoring

The County has maintained an in-stream water quality monitoring program for the past ___ years. In partnership with the Virginia Tech Occoquan Laboratory, the County has maintained at least 3 sites for the monitoring of in-stream water quality. For this permit cycle, the County is in the process of increasing the sampling sites from three to five. New in-stream monitoring sites will account for additional land-uses and increase the overall understanding of water quality impacts as follows:

1. The “Dawkins Branch Station”, with drainage to be comprised of older industrial and warehouse type of land uses. This station is to represent industrial land use in the County.
2. The “Cow Branch Station” with drainage area for the proposed station originating from commercial developments, such as, Potomac Mills Mall and several other commercial and residential uses along I-95 corridor. This represents a relatively high density and highly impervious area corridor.
3. The “Purcell Branch Station” was picked to represent large-acre residential lots, which is also a representative land use in the County.

We are continuing with the existing two monitoring stations for the following reasons:

1. Neabsco Creek at Delaney Rd. – Neabsco Creek is one of the most developed watersheds in the County. This station has drainage areas from several new and much older developments in Dale City area. Continuing this station will help us further establish the water quality trends for an older developed watershed.
2. Little Bull Run at Catharpin Road – Little Bull Run has drainage areas from major known developments such as Piedmont, Dominion Valley Country Club, etc. This Station represents the current development trends of well-planned subdivisions constructed with golf course amenities in the fast growing western part of the County. Continuing this station will help us further establish water quality trends.

These sites will also be evaluated for effective biological monitoring sites, as described in the previous section.

Since Prince William County is in the process of establishing new monitoring stations, data pertaining to in-stream monitoring will be presented in the following Annual Report.

3. Floatables Solids Monitoring

Prince William County is in the process of developing a floatables and solids monitoring program. Currently, the County maintains a litter collection program which is dedicated to collecting trash and refuse from highly urban areas of the County. The Floatables Survey program periodically inspects streams for lingering trash and debris. This program is paired with the Adopt-a-Stream program run by our partner, Prince William Soil & Water Conservation District, and follows up surveys with stream clean-ups and annual or biannual visits or clean-ups. At this point however, specific sites are not continually inspected as part of this program. As a result the specifics of the Floatables and Solids Monitoring Program are still being determined. The Program will be developed and implemented within 24 months of permit issuance.

4. Structural and Source Controls Compliance Monitoring

An electronic database containing all BMP/SWM facilities within Prince William County can be seen in Appendix E. This database currently encompasses all permittee and privately maintained facilities constructed and implemented from July 1st 1999 to current day. The database contains information on a facilities type, latitude and longitude, impervious and total acres treated, installation date, HUC 12, privately or permittee maintained status, discharging MS-4 and dates of inspection and maintenance for the past 5 fiscal years. The list is to be updated to include a more accurate representation of pervious and impervious acres treated, an assessment of impaired watersheds, and the status of maintenance agreements as the MS-4 mapping project is completed.

Prince William County maintains a program for the inspection and maintenance of permittee and privately maintained SWM/BMP facilities. More information on these inspection programs, and a list of newly constructed SWM facilities, can be found in section II.f of this document.

IV. TMDL Action Plan Implementation

1. Chesapeake Bay Watershed TMDL Planning

The County is currently working on the development of its TMDL action plan. This document will be presented to the Department no later than 24 months after the effective date of the County's MS-4 permit.

2. TMDL Action Plans other than the Chesapeake Bay TMDL

The County is currently working on the development of its Local TMDL action plans. These documents will be presented to the Department no later than 24 months after the effective date of the County's MS-4 permit.

V. Additional Reporting Requirements

1. Roles and responsibilities

No formal roles and responsibilities have been determined during the reporting period. These roles and responsibilities will be defined as part of the Program Plan submitted to the Department in December 2015.

2. Non Compliance

There were no issues of non-compliance to report during the Reporting period.

3. Budget

Environmental Services Division - Watershed Management Branch FY16 Annual Budget Summary by Activity

Development Review & Inspections	\$ 2,745,525
Watershed Management & Inspections	\$ 5,339,688
Environmental Education	\$ 149,857
Soil & Water Conservation District	\$ 237,264
Drainage	\$ 3,009,029
TOTAL FY16 Expenditure Budget	\$ 11,481,363

4. Permit Fees

Appendix A – Definitions

Definitions

Definitions contained in the Virginia Stormwater Management Act, Part I (9VAC25-870-10) and Federal NPDES rules, 40 CFR Part 122, apply where a definition is not specified below. Unless otherwise specified in this state permit, additional definitions or words or phrases used in this state permit are as follows:

1. "Best management practice" or "BMP" means schedules of activities, prohibitions of practices, including both structural and nonstructural practices, maintenance procedures, and other management practices to prevent or reduce the pollution of surface waters and groundwater systems from the impacts of land-disturbing activities.
2. "Board" means the State Water Control Board.
3. "Date brought on line" means the date when the permittee determines that a new stormwater management facility is properly functioning to meet its designed pollutant load reduction.
4. "Department" means the Department of Environmental Quality
5. "High priority municipal facility" means any facility owned and operated by the permittee or regulated under this state permit that includes composting facilities, equipment storage and maintenance facilities, materials storage yards, pesticide storage facilities, public works yards, recycling facilities, salt storage facilities, solid waste handling and transfer facilities, and vehicle storage and maintenance yards
6. "Industrial land use" means land utilized in connection with manufacturing, processing, or raw materials storage at facilities identified under 40 CFR Part 122.26(b)(14).
7. "Maintenance" means maintenance on the MS4 and associated structural stormwater controls including, but not limited to, activities such as inspections of basins and ponds; repair and replacement of failed controls,

mowing grass filter strips; regular removal of litter and debris from dry ponds, forebays and water quality inlets; periodic stabilization and revegetation of eroded areas; periodic removal and replacement of filter media from infiltration trenches and filtration ponds; periodic removal of trash and sediment; deep tilling of infiltration basins to maintain capacity; vacuuming or jet hosing of porous pavement or concrete grid pavements; and, removal of litter and debris from wet weather conveyances.

8. “Permittee” means Prince William County.

9. “Physically interconnected” means that one MS4 is connected to a second MS4 in such a manner that it allows for direct discharges to the second system.


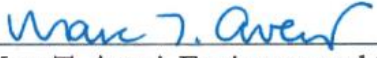
10. “Retrofit” means the modification of existing stormwater management facilities, as defined herein, including flood control structures, through construction and/or enhancement in order to address water quality improvements. Retrofit also means the installation or implementation of source reductions to provide water quality improvements on previously developed land where no stormwater source reductions previously existed.

Appendix B – Post Construction Table 7-6

BMP Table 7-6

	BMP Type	Non-residential	Residential - Subdivision Lots		VDOT right-of-way ³	Setback ^{4,5,6}	Minimum Lot Requirement	Major Maintenance Responsibility		Easement		BMP Sign Required	What is included in Maintenance
			Individual Lots	Common Area				Residential	Non Residential	BMP	Access		
1	Rooftop (Impervious Surface) Disconnection	A	A	A		10' from Foundation	Allowed on SF detached - Case basis on SF attached	Private	Private	Yes	Yes	No	Agreement/Deed Restriction
2	Sheet Flow to Filter or Open Space	A	A	A		10' from Building/ Dwelling		Private	Private	Yes	Yes	No	Agreement/Deed Restriction
3	Grass Channels	A	R	A		20' from Building/ Dwelling	Minimum lot size of 20,000 sf on SF detached lots	Private	Private	Yes	Yes	No	Agreement/Deed Restriction
4	Soil Compost Amendment	A	R	A		20' from Building/ Dwelling if Located on Individual SF Lot	Minimum lot size of 20,000 sf on SF detached lots	Private	Private	No	No	No	Agreement/Deed Restriction
5	Vegetated Roof	A	N	R				Private	Private	No	No	No	Agreement/Deed Restriction
6	Rainwater Harvesting	A	R	A		• Residential - Case Basis • Non Residential - NA		Private	Private	Yes ⁶	Yes	No	Agreement/Deed Restriction
7	Permeable Pavement	A	N	R				Private	Private	No	No	Yes	Agreement/Deed Restriction
8	Infiltration	A	R	A		• 20' from Dwelling • 5' from ROW		Private	Private	Yes ⁷	Yes	Yes	Agreement/Deed Restriction
9	Bio-retention	A	A	A		• 20' from Dwelling • 5' from ROW	Minimum lot size of 20,000 sf on SF detached lots	Private	Private	Yes ⁷	Yes	Yes	Agreement/Deed Restriction
10	Dry Swale	A	R	A		25' from Dwelling	Minimum lot size of 20,000 sf if DA <= 1 acre	Public	Private	Yes ⁷	Yes	Yes	Agreement/Deed Restriction

Appendix C – Publicly Maintained SWM/BMP Facilities

	<p align="center"> Standard Operating Procedure Department of Public Works <u><i>Environmental Services</i></u> <u><i>Division</i></u> </p>
<p align="right">Title:</p>	<p>Publicly-Maintained SWM/BMP Facilities Inspection and Maintenance</p>
<p align="right">Number:</p>	<p>3.047.1</p>
<p align="right">Subject:</p>	<p>Stormwater Drainage Facility, Infrastructure and Inspection and Maintenance Procedures</p>
<p align="right">Cross Reference:</p>	<p>APWA Management Practice (s) 26.16 & 26.17</p>
<p align="right">Date Issued:</p>	<p>December 19, 2011</p>
<p align="right">Date Revised:</p>	<p>June 1, 2015</p>
<p align="right">Date Last Reviewed:</p>	<p>June 1, 2015</p>
<p align="right">Signature of Issuer:</p>	<p align="center">  _____ Marc T. Aveni, Environmental Services Division Chief </p>
<p align="right">Applicability:</p>	<p>Environmental Services Division</p>
<p align="right">Effective Date:</p>	<p>June 1, 2015</p>

Prince William County Department of Public Works

5 County Complex Court, Suite 170, Prince William, Virginia 22192 | 703-792-7070 | www.pwcgov.org/publicworks



	SOP Title: Publicly Maintained SWM/BMP Facilities Inspection and Maintenance	SOP No.: 3.047.1
	Effective Date: 06/01/2015	Supersedes Policy Dated: 12/19/2011

A. Purpose

The purpose of this standard operating procedure (SOP) is to establish procedures within Environmental Services Division to “periodically or complaint based” inspect and maintain publicly maintained Storm Drainage Systems, Best Management Practices (BMP) facilities and Storm Water Management (SWM) facilities (pipes, drainage structures, manholes, drainage ditches, and grass/stone or concrete swales etc.) within easement dedicated for the purpose of storm drainage.

B. Applicability

This SOP applies to all employees within the Environmental Services Division of Public Works.

C. Specifics of the SOP

The County maintained SWM/BMP facilities are inspected under two scenarios:

1. General inspections performed approximately once per year.
2. When requested by an impacted property owner. A property owner’s request is tracked as a complaint (CMP) case in the EnerGov™, a county maintained database.

Scenario 1 – General Inspection

1. The SWM/BMP facility locations are grouped according to the ADC Map grids, and selected for each day of inspection.
2. The field inspection results are entered onto an “Inspection Check List Form” and scope of maintenance noted in brief. Digital photos are taken.
3. The inspection notes are documented and the photos attached in the SWM case in EnerGov™.
4. If no problem - no action is noted, and the inspection is closed in EnerGov™
5. If problem found - brief description and approximate location of the problem is noted. The case is then assigned to the maintenance crew via EnerGov™.
6. The maintenance crew chief receives the assignment (s) via ‘Task List’ in EnerGov™ and a hard copy of the request. The list is reviewed, priority assigned based on severity of the problem, the site inspected, and scope of needed resources (material, equipment, labor and time to complete the job) assessed. The availability of the site access is also explored. If needed, permission to access the problem area through the respective property owner’s (or their neighbors) property(ies) is requested.
7. After completion of the maintenance, the maintenance case is identified as “Completed” in EnerGov™ by the maintenance crew chief

Scenario 2 - When requested by an impacted property owner

1. A property owner’s request is tracked as a complaint (SWM) case in the EnerGov™.
2. The drainage system is identified on County Mapper and a location map printed.



	SOP Title: Publicly Maintained SWM/BMP Facilities Inspection and Maintenance	SOP No.: 3.047.1
	Effective Date: 06/01/2015	Supersedes Policy Dated: 12/19/2011

3. The drainage facilities are inspected and photos taken.
4. The inspection notes are documented and the photos attached in the CMP case in EnerGov™.
5. If no problem found - no action is noted.
6. If problem found - brief description and approximate location of the problem is noted. The case is then assigned to the maintenance crew via EnerGov™.
7. The crew chief receives the assignment (s) via Task List in EnerGov™ and a hard copy of the request. The list is reviewed, priority assigned based on severity of the problem, the site inspected, and scope of needed resources (material, equipment, labor and time to complete the job) assessed. The availability of the site access is also explored and if needed, the respective property owner's (or their neighbors) are requested for their permission to access the problem area through their property(ies).
8. After completion of the maintenance, the CMP case is identified as "project completed" in EnerGov™ by the maintenance crew chief.
9. The complainant and other interested parties are notified of the completed project. 'Customer Satisfaction Card' is processed and recorded as one of division's 'Performance Measures'.

D. Authority

The approving authority for this SOP is the Environmental Services Division Chief. Any changes to or deviations from this SOP must be approved by the Environmental Services Division Chief.

E. Administration

The administration of this SOP shall be the responsibility of the Environmental Services Division Chief and Watershed Management Branch Chief.



	Inspections	Maintenance
Facility	Y5-FY15	Y5-FY15
SWM0000 1		
SWM0000 2	02/10/2015	11/07/14
SWM0000 3		
SWM0000 4	01/23/2015	
SWM0000 5	01/14/2015	
SWM0000 6		
SWM0000 7	01/20/2015	
SWM0000 8	01/20/2015	10/30/14
SWM0000 9	01/15/2015	
SWM0001 0	01/21/2015	
SWM0001 1	01/23/2015	
SWM0001 2	01/16/2015	
SWM0001 3		
SWM0001 4	12/31/2014	
SWM0001 5	02/04/2015	
SWM0001 6	01/21/2015	
SWM0001 7	01/22/2015	
SWM0001 8	02/03/2015	
SWM0001 9	01/15/2015	
SWM0002 0	01/05/2015	
SWM0002 1	01/05/2015	
SWM0002 2	01/23/2015	5/20/2015

SWM0002 3	01/14/2015	
SWM0002 4	01/21/2015	
SWM0002 5	01/21/2015	
SWM0002 6	01/08/2015	
SWM0002 7	01/29/2015	
SWM0002 8	02/06/2015	
SWM0002 9		
SWM0003 0	03/02/2015	
SWM0003 1	01/16/2015	
SWM0003 2	01/16/2015	
SWM0003 3	01/20/2015	
SWM0003 4	02/20/2015	
SWM0003 5		
SWM0003 6	01/09/2015	
SWM0003 7	01/13/2015	
SWM0003 8	01/13/2015	
SWM0003 9	12/23/2014	
SWM0004 0	01/28/2015	
SWM0004 1	01/29/2015	6/10/2015
SWM0004 2	01/13/2015	
SWM0004 3	01/20/2015	
SWM0004 4	02/03/2015	
SWM0004 5	02/03/2015	
SWM0004 6	12/04/2014	

SWM0004 7	02/11/2015		SWM0007 1	12/03/2014	1/29/2015
SWM0004 8	01/07/2015		SWM0007 2		5/8/2015
SWM0004 9	02/03/2015		SWM0007 3	01/30/2015	
SWM0005 0	01/23/2015		SWM0007 4		
SWM0005 1	02/06/2015		SWM0007 5	02/04/2015	
SWM0005 2	12/03/2014		SWM0007 6	03/24/2015	
SWM0005 3	10/16/2014		SWM0007 7	01/07/2015	
SWM0005 4	03/02/2015		SWM0007 8	04/17/2015	
SWM0005 5	03/02/2015		SWM0007 9	01/13/2015	
SWM0005 6	02/05/2015		SWM0008 0	02/03/2015	
SWM0005 7	01/29/2015		SWM0008 1		
SWM0005 8	12/04/2014		SWM0008 2	01/15/2015	
SWM0005 9	02/05/2015		SWM0008 3	01/15/2015	
SWM0006 0	02/03/2015		SWM0008 4	02/04/2015	
SWM0006 1	12/22/2014		SWM0008 5	02/04/2015	
SWM0006 2	01/16/2015		SWM0008 6	02/04/2015	
SWM0006 3	02/05/2015	5/19/2015	SWM0008 7	02/05/2015	
SWM0006 4	01/28/2015		SWM0008 8	01/28/2015	
SWM0006 5	01/29/2015		SWM0008 9	02/09/2015	
SWM0006 6			SWM0009 0		
SWM0006 7	01/28/2015		SWM0009 1	12/12/2014	
SWM0006 8	02/06/2015		SWM0009 2	02/06/2015	
SWM0006 9	12/31/2014		SWM0009 3	01/13/2015	4/27/2015
SWM0007 0	02/03/2015		SWM0009 4	01/13/2015	

SWM0009 5	02/03/2015		SWM0011 9	01/14/2015	
SWM0009 6	02/03/2015		SWM0012 0		
SWM0009 7	01/13/2015	4/30/2015	SWM0012 1	01/29/2015	
SWM0009 8	03/03/2015		SWM0012 2	02/10/2015	
SWM0009 9	12/22/2014		SWM0012 3	02/10/2015	5/6/2015
SWM0010 0	02/17/2015		SWM0012 4	02/10/2015	
SWM0010 1	01/08/2015		SWM0012 5	02/04/2015	
SWM0010 2	01/08/2015		SWM0012 6		
SWM0010 3			SWM0012 7	01/28/2015	
SWM0010 4	12/23/2014		SWM0012 8	02/04/2015	
SWM0010 5	12/29/2014		SWM0012 9	02/04/2015	
SWM0010 6	04/01/2015		SWM0013 0	02/05/2015	
SWM0010 7	01/13/2015		SWM0013 1	02/04/2015	
SWM0010 8	01/16/2015		SWM0013 2	01/29/2015	
SWM0010 9	12/12/2014		SWM0013 3	02/05/2015	
SWM0011 0	01/13/2015		SWM0013 4	12/23/2014	
SWM0011 1	01/08/2015		SWM0013 5	01/15/2015	
SWM0011 2	02/03/2015	2/11/2015	SWM0013 6	01/14/2015	
SWM0011 3	02/25/2015		SWM0013 7	01/15/2015	
SWM0011 4	01/13/2015		SWM0013 8	01/15/2015	
SWM0011 5	01/14/2015		SWM0013 9	01/14/2015	
SWM0011 6	01/14/2015		SWM0014 0	01/14/2015	
SWM0011 7	01/14/2015		SWM0014 1	01/30/2015	
SWM0011 8	01/14/2015		SWM0014 2	04/30/2015	

SWM0014 3	06/04/2015		SWM0016 7	02/03/2015	
SWM0014 4	02/12/2015	6/9/2015	SWM0016 8	01/23/2015	
SWM0014 5	01/14/2015		SWM0016 9	01/14/2015	
SWM0014 6	01/05/2015		SWM0017 0	01/05/2015	
SWM0014 7	02/13/2015		SWM0017 1	01/05/2015	
SWM0014 8	02/04/2015	3/24/2015	SWM0017 2	01/16/2015	
SWM0014 9	02/04/2015		SWM0017 3		
SWM0015 0	02/04/2015		SWM0017 4	01/12/2015	
SWM0015 1	03/03/2015		SWM0017 5	01/12/2015	
SWM0015 2	01/12/2015		SWM0017 6	01/16/2015	
SWM0015 3	01/12/2015		SWM0017 7	01/05/2015	
SWM0015 4	02/09/2015		SWM0017 8	12/29/2014	
SWM0015 5	02/03/2015	5/28/2015	SWM0017 9	12/29/2014	
SWM0015 6	02/05/2015	5/8/2015	SWM0018 0	01/16/2015	
SWM0015 7	02/09/2015		SWM0018 1		
SWM0015 8			SWM0018 2	12/30/2014	
SWM0015 9	12/08/2014		SWM0018 3	12/30/2014	
SWM0016 0	12/30/2014		SWM0018 4	01/08/2015	
SWM0016 1	01/14/2015		SWM0018 5	12/26/2014	
SWM0016 2	12/22/2014		SWM0018 6	01/29/2015	
SWM0016 3	02/06/2015	5/28/2015	SWM0018 7	12/10/2014	
SWM0016 4	08/22/2014		SWM0018 8	02/04/2015	
SWM0016 5	01/29/2015		SWM0018 9	02/11/2015	5/6/2015
SWM0016 6	02/03/2015	4/23/2015	SWM0019 0	01/23/2015	

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SWM0019 2	12/12/2014		SWM0021 6	02/13/2015	
SWM0019 3	02/05/2015	5/27/2015	SWM0021 7	02/13/2015	
SWM0019 4	01/07/2015		SWM0021 8	03/03/2015	
SWM0019 5	02/03/2015		SWM0021 9		2/2/2015
SWM0019 6	12/22/2014	5/20/2015	SWM0022 0	12/29/2014	
SWM0019 7	12/22/2014		SWM0022 1	12/12/2014	
SWM0019 8			SWM0022 2	12/12/2014	
SWM0019 9	12/29/2014	2/5/2015	SWM0022 3	01/14/2015	
SWM0020 0	02/06/2015		SWM0022 4	01/14/2015	
SWM0020 1	02/06/2015		SWM0022 5	12/30/2014	
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SWM0020 5	12/15/2014		SWM0022 9	01/05/2015	
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SWM0020 7	02/05/2015		SWM0023 1	01/09/2015	
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SWM0021 0	12/18/2014		SWM0023 4	02/12/2015	
SWM0021 1	01/05/2015		SWM0023 5		
SWM0021 2	12/16/2014		SWM0023 6	12/26/2014	
SWM0021 3	01/16/2015		SWM0023 7	02/03/2015	
SWM0021 4			SWM0023 8	03/25/2015	

SWM0023 9	12/17/2014		SWM0026 3	01/07/2015	
SWM0024 0	12/15/2014	3/24/2015	SWM0026 4	01/06/2015	
SWM0024 1	12/17/2014		SWM0026 5	01/07/2015	
SWM0024 2	12/16/2014		SWM0026 6	01/07/2015	
SWM0024 3	12/16/2014		SWM0026 7	01/07/2015	
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SWM0024 5	01/14/2015		SWM0026 9	03/25/2015	
SWM0024 6	01/14/2015		SWM0027 0		
SWM0024 7	12/15/2014		SWM0027 1	12/30/2014	
SWM0024 8	12/15/2014		SWM0027 2	08/22/2014	2/2/2015
SWM0024 9	12/15/2014		SWM0027 3	01/08/2015	
SWM0025 0	12/15/2014		SWM0027 4	01/07/2015	
SWM0025 1	02/05/2015		SWM0027 5	01/08/2015	
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SWM0025 3	01/20/2015		SWM0027 7	01/15/2015	
SWM0025 4	12/10/2014		SWM0027 8	02/04/2015	
SWM0025 5	12/10/2014		SWM0027 9	01/05/2015	
SWM0025 6	12/10/2014		SWM0028 0	01/07/2015	
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SWM0025 8	02/03/2015		SWM0028 2	01/08/2015	
SWM0025 9	01/07/2015		SWM0028 3	01/12/2015	
SWM0026 0	01/06/2015		SWM0028 4	01/30/2015	5/4/2015
SWM0026 1	01/06/2015		SWM0028 5	12/23/2014	
SWM0026 2	01/07/2015		SWM0028 6	12/23/2014	

SWM0028			SWM0031		3/3/2015
7			1		
SWM0028	12/10/2014		SWM0031	02/13/2015	
8			2		
SWM0028	12/11/2014		SWM0031	01/29/2015	4/10/2015
9			3		
SWM0029	12/11/2014		SWM0031	12/30/2014	
0			4		
SWM0029	12/11/2014		SWM0031		2/3/2015
1			5		
SWM0029	12/11/2014		SWM0031	12/23/2014	
2			6		
SWM0029	12/22/2014		SWM0031	02/09/2015	
3			7		
SWM0029	12/22/2014		SWM0031	02/13/2015	
4			8		
SWM0029	12/26/2014		SWM0031	01/08/2015	
5			9		
SWM0029			SWM0032	01/08/2015	
6			0		
SWM0029	02/11/2015		SWM0032	01/20/2015	
7			1		
SWM0029	01/29/2015	5/29/2015	SWM0032	12/03/2014	
8			2		
SWM0029	02/03/2015		SWM0032	12/17/2014	
9			3		
SWM0030	12/23/2014		SWM0032		1/29/2015
0			4		
SWM0030	01/08/2015		SWM0032	12/10/2014	
1			5		
SWM0030	01/08/2015		SWM0032	01/28/2015	
2			6		
SWM0030	01/08/2015		SWM0032	12/29/2014	
3			7		
SWM0030	01/13/2015		SWM0032	02/13/2015	
4			8		
SWM0030	01/21/2015		SWM0032	02/13/2015	
5			9		
SWM0030	01/21/2015		SWM0033	12/29/2014	
6			0		
SWM0030	01/09/2015		SWM0033		
7			1		
SWM0030	02/05/2015		SWM0033	12/08/2014	
8			2		
SWM0030		12/10/2014	SWM0033	01/21/2015	5/20/2015
9			3		
SWM0031	12/03/2014	12/6/2014	SWM0033	01/23/2015	
0			4		

SWM0033 5	01/23/2015		SWM0035 9	01/13/2015	
SWM0033 6	02/25/2015	5/20/2015	SWM0036 0	01/13/2015	
SWM0033 7	02/06/2015		SWM0036 1	02/13/2015	3/23/2015
SWM0033 8	05/18/2015		SWM0036 2	01/08/2015	
SWM0033 9	02/25/2015		SWM0036 3	01/08/2015	
SWM0034 0	03/25/2015		SWM0036 4	12/15/2014	
SWM0034 1	01/07/2015		SWM0036 5	12/15/2014	
SWM0034 2	01/07/2015		SWM0036 6	12/15/2014	
SWM0034 3	03/04/2015		SWM0036 7	12/15/2014	
SWM0034 4	01/13/2015		SWM0036 8	01/29/2015	
SWM0034 5	01/21/2015		SWM0036 9	01/20/2015	
SWM0034 6	01/21/2015		SWM0037 0	01/20/2015	
SWM0034 7	01/07/2015		SWM0037 1	01/20/2015	
SWM0034 8	01/05/2015		SWM0037 2	01/20/2015	
SWM0034 9	01/05/2015		SWM0037 3	01/20/2015	
SWM0035 0	01/09/2015		SWM0037 4	01/20/2015	
SWM0035 1	03/10/2015		SWM0037 5	01/20/2015	
SWM0035 2	02/12/2015	2/12/2015	SWM0037 6	01/07/2015	
SWM0035 3	12/12/2014		SWM0037 7	02/13/2015	
SWM0035 4	01/05/2015		SWM0037 8	12/15/2014	
SWM0035 5	01/08/2015		SWM0037 9	02/10/2015	
SWM0035 6	01/09/2015	5/7/2015	SWM0038 0	01/23/2015	
SWM0035 7	01/12/2015		SWM0038 1		
SWM0035 8	01/12/2015		SWM0038 2	03/24/2015	4/16/2015

SWM0038 3	02/06/2015		SWM0040 7	12/31/2014
SWM0038 4	08/05/2014		SWM0040 8	12/31/2014
SWM0038 5	07/18/2014		SWM0040 9	12/31/2014
SWM0038 6	12/23/2014		SWM0041 0	02/11/2015
SWM0038 7	02/25/2015	3/26/2015	SWM0041 1	03/03/2015
SWM0038 8	02/25/2015	3/26/2015	SWM0041 2	12/22/2014
SWM0038 9	02/25/2015		SWM0041 3	01/08/2015
SWM0039 0			SWM0041 4	03/03/2015
SWM0039 1	12/15/2014		SWM0041 5	12/03/2014
SWM0039 2	12/15/2014		SWM0041 6	09/23/2014
SWM0039 3	12/15/2014		SWM0041 7	
SWM0039 4	01/23/2015	5/14/2015	SWM0041 8	01/08/2015
SWM0039 5	12/15/2014		SWM0041 9	07/01/2014
SWM0039 6			SWM0042 0	
SWM0039 7	12/11/2014		SWM0042 1	01/28/2015
SWM0039 8	12/12/2014		SWM0042 2	
SWM0039 9	01/20/2015		SWM0042 3	01/22/2015
SWM0040 0	12/15/2014		SWM0042 4	02/13/2015
SWM0040 1	01/05/2015		SWM0042 5	01/23/2015
SWM0040 2	12/15/2014		SWM0042 6	12/23/2014
SWM0040 3	12/15/2014	5/4/2015	SWM0042 7	02/04/2015
SWM0040 4	01/05/2015		SWM0042 8	01/05/2015
SWM0040 5		2/13/2015	SWM0042 9	
SWM0040 6	01/23/2015		SWM0043 0	01/28/2015

SWM0043 1	08/28/2014		SWM0045 5	05/05/2015	
SWM0043 2	01/16/2015		SWM0045 6	02/12/2015	
SWM0043 3	01/16/2015	2/10/2015	SWM0045 7	02/06/2015	
SWM0043 4			SWM0045 8	02/11/2015	
SWM0043 5	12/18/2014		SWM0045 9	02/11/2015	
SWM0043 6			SWM0046 0	02/05/2015	
SWM0043 7	01/16/2015		SWM0046 1		
SWM0043 8	12/11/2014		SWM0046 2	01/08/2015	
SWM0043 9	01/29/2015		SWM0046 3	12/05/2014	
SWM0044 0	12/04/2014		SWM0046 4	07/03/2014	
SWM0044 1	12/04/2014		SWM0046 5	02/06/2015	
SWM0044 2	09/23/2014		SWM0046 6	12/05/2014	
SWM0044 3	12/29/2014		SWM0046 7	12/23/2014	5/20/2015
SWM0044 4		6/15/2015	SWM0046 8	09/30/2014	5/28/2015
SWM0044 5	01/05/2015		SWM0046 9	12/23/2014	4/24/2015
SWM0044 6	01/05/2015		SWM0047 0		
SWM0044 7	12/23/2014		SWM0047 1	01/29/2015	
SWM0044 8	12/23/2014		SWM0047 2	12/23/2014	
SWM0044 9	12/23/2014		SWM0047 3		
SWM0045 0	12/23/2014		SWM0047 4	12/03/2014	
SWM0045 1	12/11/2014		SWM0047 5	01/07/2015	5/4/2015
SWM0045 2	02/05/2015		SWM0047 6		1/29/2015
SWM0045 3	02/05/2015		SWM0047 7	02/04/2015	
SWM0045 4	05/21/2015	5/27/2015	SWM0047 8	02/09/2015	

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SWM5754			SWM5839	7/28/2014	
SWM5755			SWM5840	7/28/2014	
SWM5756			SWM5841	7/28/2014	
SWM5757			SWM5842	07/28/2014	
SWM5758			SWM5843	7/28/2014	
SWM5759			SWM5844	7/28/2014	
SWM5760			SWM5845	7/28/2014	
SWM5761			SWM5846		
SWM5762			SWM5847		
SWM5765	2/4/2015		SWM5850	10/28/2014	
SWM5766			SWM5851	10/28/2014	
SWM5767			SWM5855		
SWM5768			SWM5857	10/2/2014	
SWM5769	10/28/2014		SWM5868	7/21/2014	
SWM5770	3/12/2015		SWM5869	12/3/2014	
SWM5771	7/21/2014		SWM5870	4/28/2015	
SWM5772	7/21/2014		SWM5871	10/28/2014	
SWM5773	7/21/2014		SWM5872	11/12/2014	
SWM5774	7/21/2014		SWM5874	10/8/2014	
SWM5775	7/21/2014		SWM5875	10/8/2014	
SWM5776	7/21/2014		SWM5876	10/8/2014	
SWM5777	7/21/2014		SWM5879	12/17/2014	
SWM5778	7/21/2014		SWM5883	7/10/2014	
SWM5779	7/21/2014		SWM5901	12/2/2014	
SWM5780	7/21/2014		SWM5910	5/14/2015	
SWM5781	08/26/2014		SWM5911	5/14/2015	
SWM5782			SWM5912	5/14/2015	
SWM5783			SWM5913	5/14/2015	
SWM5784			SWM5917	5/26/2015	
SWM5791			SWM5919	3/31/2015	
SWM5810			SWM8538		
SWM5812					
SWM5813	5/4/2015				
SWM5814	5/4/2015				
SWM5816	5/4/2015				
SWM5819	12/2/2014				

Appendix D – Privately Maintained SWM/BMP Facilities

	<p align="center">Standard Operating Procedure</p> <p align="center">Department of Public Works</p> <p align="center"><u>Environmental Services</u></p> <p align="center"><u>Division</u></p>
<p align="right">Title:</p>	<p>Privately Maintained SWM/BMP Facilities Inspection and Maintenance</p>
<p align="right">Number:</p>	<p>3.047.2</p>
<p align="right">Subject:</p>	<p>SW Drainage Facility, Infrastructure and BMP (Privately Maintained) Inspection & Maintenance.</p>
<p align="right">Cross Reference:</p>	<p>APWA Management Practice (s) 26.16 & 26.17</p>
<p align="right">Date Issued:</p>	<p>December 19, 2011</p>
<p align="right">Date Revised:</p>	<p>June 1, 2015</p>
<p align="right">Date Last Reviewed:</p>	<p>June 1, 2015</p>
<p align="right">Signature of Issuer:</p>	<p align="center"></p> <hr/> <p>Marc T. Aveni, Environmental Services Division Chief</p>
<p align="right">Applicability:</p>	<p>Environmental Services Division</p>
<p align="right">Effective Date:</p>	<p>June 1, 2015</p>

Prince William County Department of Public Works

5 County Complex Court, Suite 170, Prince William, Virginia 22192 | 703-792-7070 | www.pwcgov.org/publicworks



	SOP Title: Privately Maintained SWM/BMP Facilities Inspection and Maintenance	SOP No.: 3.047.2
	Effective Date: 06/01/2015	Supersedes Policy Dated: 12/19/2011

- A. Purpose**
The purpose of this standard operating procedure (SOP) is to establish procedures within the Environmental Services Division to randomly inspect privately-maintained Storm Water Management (SWM) and Best Management Practices (BMP) facilities (pipes, drainage structures, manholes, drainage ditches, and grass/stone or concrete swales etc.) within easements dedicated for the purpose of storm drainage or stormwater management.
- B. Applicability**
This SOP applies to all Environmental Services Division employees.
- C. Specifics of the SOP**
The privately maintained SWM/BMP facilities are inspected at a minimum of once every five years.
1. The SWM/BMP facility is selected.
 2. The SWM/BMP file is reviewed for appropriate documentation such as location map, as-built plans, and maintenance agreements.
 3. The field inspection results are entered onto an "Inspection Check List Form" and any deficiencies are noted. Digital photos are taken.
 4. The inspection notes are documented and the photos attached in the SWM case in EnerGov™.
 5. If no problem - no action is noted and property owner is notified by letter.
 6. If problem found – property owner is notified by letter of all deficiencies and requested to perform needed repairs within 60 days.
- D. Authority**
The approving authority for this SOP is the Environmental Services Division Chief. Any changes to or deviations from this SOP must be approved by the Environmental Services Division Chief.
- E. Administration**
The administration of this SOP shall be the responsibility of the Environmental Services Division Chief and Branch Chiefs.





COUNTY OF PRINCE WILLIAM

5 County Complex Court, Suite 170
Prince William, Virginia 22192-5308
(703) 792-7070 Metro 631-1703 FAX: (703) 792-6297

DEPARTMENT OF
PUBLIC WORKS

Thomas Bruun
Director

Environmental
Services Division

July 29, 2014

TRU 2005 RE I LLC
1 Geoffrey Way
Wayne, NJ 07470

Re.: County Inspection of the Storm Water Management (SWM) Facility No. 5107
Facility Address: 14603 Telegraph Road

Dear Property Owner(s):

County staff recently inspected the SWM facility located on your property. Your facility was randomly inspected to determine if it has been maintained in accordance with the maintenance agreement signed by the owner of the property.

The maintenance agreement, copy attached, requires that you inspect your SWM facility annually and perform any needed maintenance or improvements. Numerous state and federal water quality guidelines require that the County ensure that all SWM facilities are inspected and maintained properly to protect downstream water quality and to prevent flooding.

Attached is a copy of the County's inspection report. This report identifies any deficiencies that need to be corrected. If no deficiencies are identified in the inspection report, please retain the report along with your SWM files.

If the inspection report identifies deficiencies, you are requested to correct them **within 60 days** of receiving this letter. If you need clarifications on the deficiencies, please feel free to contact Mr. Mark Colwell or Ms. Jessica Adams at 703-792-7070. Once these deficiencies are corrected, please notify me in writing at the above address. If requested, staff will meet with you to explain the necessary actions to restore your SWM facility to perform its design function.

Your cooperative effort to maintain your SWM facility helps to protect our streams, rivers, and the Chesapeake Bay. Thank you for your assistance with this matter.

Sincerely,

Madan R. Mohan, Chief
Watershed Management Branch

MAILED
07.29.14

COPY

Tm / or

Attachments: As noted.

Cc: County Attorney

(ROUTINE WSP)

PWC: Stormwater Maintenance Inspection Form

Page 1

FACILITY #: 5107

DATE: 07.28.14

TYPE: DRY POND

INSPECTOR: S. Jessica Adams

PROPERTY OWNER: TRU 2005 RE I LLC

PROPERTY ADDRESS: 14603 TELEGRAPH ROAD

G.P.I.N. # 8291-87-3162

Deficiencies Noted/ Corrective Action Required:

Inspection notes from 07.28.14

1. Install three (3) PWC approved dry pond safety signs.
2. Repair the damaged fence sections.
3. Remove trash and debris.
4. Remove the woody growth from the dam embankment.
5. Pond has significant sedimentation and needs to be restored to its design condition.
6. Remove woody growth that is within 5' of all inlets.
7. Remove woody growth that is within 10' of the riser structure.
8. Remove trash and sediment that is in the riser structure.
9. Remove the standing water and restore the pond to its original design function.
10. Remove woody growth that is within 5' of the outfall structure.
11. Perform periodic inspection, maintenance, and submit inspection reports to the County in accordance with the approved maintenance agreement (see the attached maintenance agreement).



Angela Lemmon Horan
County Attorney

COUNTY OF PRINCE WILLIAM COUNTY ATTORNEY

1 County Complex Court, Prince William, Virginia 22192-9201
(703) 792-6620 Metro 631-1703 FAX: (703) 792-6633

Michelle R. Robl
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Karen Dottore-Jones
Katherine E. Barron

Robert B. Dickerson
Megan E. Kelly
Jeffrey R. B. Notz
Cheryl A. Walton
Deborah K. Siegel
Wahaj Memon
Chanel G. Hall

December 1, 2014

SENT BY CERTIFIED MAIL, RETURN RECEIPT REQUESTED

TOYS "R" US
Attn: Kathy Bodisch
One Geoffrey Way
Wayne, New Jersey 07470

TOYS "R" US
c/o Corporation Service Company, Registered Agent
Bank of America Center, 16th Floor
1111 East Main Street
Richmond, Virginia 23219

Re.: County Inspection of the Storm Water Management (SWM) Facility No. 5107
Facility Address: 14603 Telegraph Road

Dear Property Owner(s):

As the owner of the above-referenced SWM facility, you are required to maintain this facility consistent with the terms of the enclosed Maintenance Agreement dated July 15, 1993. This SWM facility was originally inspected by County staff on July 28, 2014. The inspection was conducted in order to determine whether the SWM facility has been maintained in accordance with the agreement. It was determined the facility needed maintenance and a punch list with 60 days to make corrections was issued. This facility was re-inspected on September 30, 2014, and the punch list was partially completed. The inspector contacted Ms. Bodisch with Toys R Us and notified her of the re-inspection issues still outstanding. The inspector also explained that the vegetation maintenance would be a continual maintenance item and, most importantly, if the pond began to hold water again corrective action would be needed to restore the pond to the design function that was intended.

On October 10, 2014, a 30 day notice to Toys "R" Us to finish the original punch list was issued pursuant to the September 30, 2014 reinspection. At that time, the standing water had been pumped out and the pond was dry. Please be advised that the design function of this facility is as a dry pond. Pumping out water periodically is not an acceptable solution. If Toys "R" Us fails to repair the underlying problem that is causing the facility to malfunction and the County ultimately has to complete repairs to restore the facility to its original design function, the County will file suit for reimbursement of these and all other costs to complete the punch list items.

On November 12, 2014, the inspector conducted a re-inspection and the vegetation and sign issue were corrected but the pond is again holding water. The inspector spoke to the owner's contractor on November 13th, Tom Gaffney with Ferrandino & Sons, to notify him of the deficiency

(COUNTY ATTY 30 DAY LTR)

and he stated he would contact his subcontractor and get back to her. However, no further contact has been made. (Attached, please find the November revised cost estimate, inspection report and pictures.)

The maintenance agreement, copy attached, requires that you inspect your SWM facility annually and perform any needed maintenance or improvements. Numerous state and federal water quality guidelines require that the County ensure that all SWM facilities are inspected and maintained properly to protect downstream water quality and to prevent flooding.

If the inspection report identifies deficiencies, you are requested to correct them **within 30 days** of receiving this letter. If you need clarifications on the deficiencies, please feel free to contact Mr. Mark Colwell or Ms. Jessica Adams at 703-792-7070. Once these deficiencies are corrected, please notify me in writing at the above address. If requested, staff will meet with you to explain the necessary actions to restore your SWM facility to perform its design function.

Sincerely,



CAROLYN PRUITT DESAI
Assistant County Attorney

Attachments: Revised Cost Estimate
Re-Inspection Report
Re-Inspection Pictures
Stormwater Maintenance Agreement

cc: Chuck Schadel, Enforcement Officer, USEPA
~~Prince William County Watershed Management Branch~~



Angela Lemmon Horan
County Attorney

COUNTY OF PRINCE WILLIAM

1 County Complex Court, Prince William, Virginia 22192-9201
(703) 792-6620 Metro 631-1703 FAX: (703) 792-6633

COUNTY ATTORNEY

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Jacqueline W. Lucas
Deborah K. Siegel
Alan F. Smith
Carolyn Pruitt Desai
Wahaj Memon
Chanel G. Hall
Katherine E. Barron

February 27, 2015

SENT BY CERTIFIED MAIL, RETURN RECEIPT REQUESTED

TOYS "R" US
Attn: Kathy Bodisch
One Geoffrey Way
Wayne, New Jersey 07470

TOYS "R" US
c/o Corporation Service Company, Registered Agent
Bank of America Center, 16th Floor
1111 East Main Street
Richmond, Virginia 23219

**RE: County Inspection of the Stormwater Management (SWM)
Facility No. 5107. Facility Address: 14603 Telegraph Road
INVOICES FOR REPAIRS PERFORMED DUE TO BREACH
OF AGREEMENT**

Dear Property Owner and Agent:

Enclosed you will find copies of invoices for work performed at the above referenced SWM/BMP facility due to breach of Agreement on the part of the landowner. Pursuant to Paragraph "6" of the referenced Agreement, the owner now has ten (10) days to reimburse the County for the funds expended to repair the pond.

Please forward payment in the amount of \$12,197.76 to this Office. Failure to do so within the next ten days will result in the County proceeding to collection of this debt.

If you have questions, please feel free to contact me. Thank you .

Sincerely,

CAROLYN PRUITT DESAI
Assistant County Attorney

cc: Chuck Schadel, Enforcement Officer, USEPA
Prince William County Watershed Management Branch

cpd\sg\w:\swm enforcement\Pond 5107 Payment Demand

An Equal Opportunity Employer

Appendix E – BMP Inventory

Practice Description		Practice Treatment: Area OR Amount Applied					Practice Location				
Date Installed	BMP Name	Total Acres Treated	Impervious Acres Treated	Amount Applied	Measurement Unit	Runoff Captured	County Name	State FIPS	HUC12	Latitude	Longitude
2/1/1999	Dry Extended Detention Ponds	16.818037	2	3.499294333	N/A	N/A	Prince William County	51153	020700100801	38.73321337	77.45367672
8/1/1997	Dry Extended Detention Ponds	10.782589	56	1.629862648	N/A	N/A	Prince William County	51153	020700100801	38.73084627	77.42856023
8/1/2000	Dry Extended Detention Ponds	12.267197	99	1.686817626	N/A	N/A	Prince William County	51153	020700100801	38.72878923	77.4190658
2/1/1999	Dry Extended Detention Ponds	13.597223	11	1.853803733	N/A	N/A	Prince William County	51153	020700100801	38.72771739	77.40152497
5/1/2000	Dry Extended Detention Ponds	0.0190291	43	0	N/A	N/A	Prince William County	51153	020700100801	38.72524479	77.40850958
9/1/2004	Dry Extended Detention Ponds	16.564479	21	6.408465434	N/A	N/A	Prince William County	51153	020700100504	38.72321076	77.48997109
1/1/1995	Dry Extended Detention Ponds	83.015946	21	7.142444569	N/A	N/A	Prince William County	51153	020700100801	38.71889652	77.45151148
4/1/2000	Dry Extended Detention Ponds	41.806757	89	6.828305867	N/A	N/A	Prince William County	51153	020700100801	38.71445036	77.41607779
3/1/1992	Dry Extended Detention Ponds	24.859597	33	2.516480992	N/A	N/A	Prince William County	51153	020700100802	38.71086022	77.35948213
2/1/2000	Infiltration Trench	0.5522555	01	0.036801262	N/A	N/A	Prince William County	51153	020700100801	38.70914163	77.43630375
2/1/2000	Infiltration Trench	1.0866738	89	0.114534737	N/A	N/A	Prince William County	51153	020700100801	38.70718512	77.43612132
2/1/2000	Infiltration Trench	0.9655228	14	0.17620037	N/A	N/A	Prince William County	51153	020700100801	38.70597825	77.43478091

11/1/19	Dry Extended	6.6937441					Prince					-
94	Detention Ponds	76	0.424991084	N/A	N/A	N/A	William	51153	0207001	38.703	77.3661	-
							County		00802	58273	8906	-
							Prince					-
12/1/19	Dry Extended	6.0432205					William		0207001	38.701	77.3294	-
99	Detention Ponds	64	2.512837809	N/A	N/A	N/A	County	51153	00802	78198	4174	-
							Prince					-
2/1/200	Dry Extended	5.6205099					William		0207001	38.701	77.5424	-
0	Detention Ponds	07	0.405227094	N/A	N/A	N/A	County	51153	00503	15841	6353	-
							Prince					-
8/1/200		1.7671145					William		0207001	38.697	77.3135	-
0	Infiltration Trench	08	0.487518227	N/A	N/A	N/A	County	51153	00802	80087	6821	-
							Prince					-
7/1/199		0.0202445					William		0207001	38.696	77.3187	-
7	Infiltration Trench	9	0.010962797	N/A	N/A	N/A	County	51153	00802	41341	1608	-
							Prince					-
9/1/199	Dry Extended	7.0793617					William		0207001	38.695	77.3235	-
4	Detention Ponds	95	2.37304604	N/A	N/A	N/A	County	51153	00802	01274	6318	-
							Prince					-
8/1/200	Dry Extended	19.408944					William		0207001	38.694	77.4450	-
2	Detention Ponds	13	2.957692095	N/A	N/A	N/A	County	51153	00801	49797	284	-
							Prince					-
11/1/20	Dry Extended	42.293214					William		0207001	38.691	77.4165	-
02	Detention Ponds	07	4.288637005	N/A	N/A	N/A	County	51153	00801	91996	4944	-
							Prince					-
12/1/20		83.526367					William		0207001	38.686	77.3492	-
04	Wet Pond	67	15.70133853	N/A	N/A	N/A	County	51153	00802	61601	7628	-
							Prince					-
6/1/199	Dry Extended	80.185586					William		0207001	38.684	77.2712	-
5	Detention Ponds	64	25.67388131	N/A	N/A	N/A	County	51153	00803	11935	2301	-
							Prince					-
1/1/199	Dry Extended	30.367889					William		0207001	38.682	77.4020	-
5	Detention Ponds	03	3.878762851	N/A	N/A	N/A	County	51153	00801	92342	9388	-
							Prince					-
9/1/199	Dry Extended	6.1711467					William		0207001	38.681	77.4191	-
5	Detention Ponds	84	1.819246876	N/A	N/A	N/A	County	51153	00801	71832	0098	-
							Prince					-
11/1/19		0.1655656					William		0207001	38.676	77.2593	-
92	Infiltration Trench	9	0.059163972	N/A	N/A	N/A	County	51153	00803	79734	3711	-
							Prince					-
5/1/199	Hydrodynamic	0.9038488					William		0207001	38.676	77.2775	-
7	Structures	64	0.40039614	N/A	N/A	N/A	County	51153	00802	69207	4362	-
							Prince					-
4/1/200	Dry Extended	9.6865758					William		0207001	38.675	77.2754	-
4	Detention Ponds	94	6.08676263	N/A	N/A	N/A	County	51153	00803	20762	0982	-

7/1/199	Dry Extended	0.4171994					Prince						-
6	Detention Ponds	78	0.180524013	N/A	N/A	N/A	William	51153	0207001	38.674	77.3332		
							County		00802	63899	6417		
							Prince						-
1/1/200	Dry Extended	3.5817494					William		0207001	38.673	77.3814		
5	Detention Ponds	16	1.667573921	N/A	N/A	N/A	County	51153	00804	89653	0894		
							Prince						-
5/1/200	Dry Extended	7.8279191					William		0207001	38.669	77.2749		
2	Detention Ponds	57	2.878276828	N/A	N/A	N/A	County	51153	00805	54511	5016		
							Prince						-
8/1/199	Dry Extended	22.852238					William		0207001	38.667	77.3289		
7	Detention Ponds	92	8.963011303	N/A	N/A	N/A	County	51153	00802	4889	0829		
							Prince						-
7/1/199	Dry Extended	2.1920742					William		0207001	38.665	77.3338		
7	Detention Ponds	79	1.379436377	N/A	N/A	N/A	County	51153	00804	41115	8931		
							Prince						-
2/1/199	Underground	0.3367269					William		0207001	38.662	77.2468		
5	Sand Filter	25	0.289380778	N/A	N/A	N/A	County	51153	00803	2275	8777		
							Prince						-
12/1/20		8.7703849					William		0207001	38.660	77.2985		
02	Wet Pond	63	6.290720434	N/A	N/A	N/A	County	51153	00804	79915	243		
							Prince						-
6/1/199	Dry Extended	6.5232431					William		0207001	38.659	77.3738		
3	Detention Ponds	09	2.140620419	N/A	N/A	N/A	County	51153	00804	15218	0328		
							Prince						-
2/1/200		72.468405					William		0207001	38.654	77.3300		
0	Wet Pond	37	10.93515724	N/A	N/A	N/A	County	51153	00804	97255	0284		
							Prince						-
3/1/200	Dry Extended	2.9922142					William		0207001	38.653	77.2860		
1	Detention Ponds	95	0.779102401	N/A	N/A	N/A	County	51153	00804	71521	3802		
							Prince						-
9/1/200	Dry Extended	0.4021042					William		0207001	38.652	77.3912		
2	Detention Ponds	3	0.194742096	N/A	N/A	N/A	County	51153	10103	89735	0238		
							Prince						-
12/1/19	Dry Extended	2.1836643					William		0207001	38.650	77.3015		
95	Detention Ponds	47	1.231862279	N/A	N/A	N/A	County	51153	00804	08289	9255		
							Prince						-
7/1/200	Dry Extended	28.503398					William		0207001	38.649	77.3995		
2	Detention Ponds	21	3.591043962	N/A	N/A	N/A	County	51153	10103	80879	3136		
							Prince						-
12/1/19	Dry Extended	5.1841089					William		0207001	38.648	77.3606		
95	Detention Ponds	15	1.242864908	N/A	N/A	N/A	County	51153	00804	43862	5035		
							Prince						-
11/1/20	Dry Extended	2.0728123					William		0207001	38.646	77.2643		
00	Detention Ponds	69	1.085334404	N/A	N/A	N/A	County	51153	00805	1279	8815		

3/1/2004	Dry Extended Detention Ponds	0.734651232	0.316342782	N/A	N/A	N/A	Prince William County Prince	51153	020700100804	38.63961014	77.29126083	-
10/1/1993	Dry Extended Detention Ponds	73.21328531	21.21667926	N/A	N/A	N/A	William County Prince	51153	020700100804	38.63921372	77.37044742	-
11/1/1992	Dry Extended Detention Ponds	24.12790712	10.01512487	N/A	N/A	N/A	William County Prince	51153	020700100804	38.63815713	77.30372818	-
9/1/2000	Infiltration Trench	2.411018216	1.89053629	N/A	N/A	N/A	William County Prince	51153	020700100804	38.63563045	77.2988392	-
2/1/1997	Dry Extended Detention Ponds	17.89206893	5.758623285	N/A	N/A	N/A	William County Prince	51153	020700100804	38.63485671	77.35871039	-
2/1/2002	Dry Extended Detention Ponds	4.560203196	3.268038947	N/A	N/A	N/A	William County Prince	51153	020700100703	38.7974047	77.53255474	-
7/1/1997	Wet Pond	86.58954342	37.07947055	N/A	N/A	N/A	William County Prince	51153	020700100703	38.79697856	77.52083608	-
3/1/2001	Dry Extended Detention Ponds	30.09447038	18.05253635	N/A	N/A	N/A	William County Prince	51153	020700100504	38.79743761	77.59840877	-
1/1/2001	Underground Sand Filter	1.177408497	0.912381098	N/A	N/A	N/A	William County Prince	51153	020700100703	38.79686796	77.52781974	-
4/1/2003	Dry Extended Detention Ponds	0.252779527	0.030423111	N/A	N/A	N/A	William County Prince	51153	020700100703	38.79682985	77.53938022	-
4/1/1997	Wet Pond	129.9043415	67.55596565	N/A	N/A	N/A	William County Prince	51153	020700100703	38.79525581	77.51374514	-
10/1/2003	Infiltration Trench	0.201698797	0.050773042	N/A	N/A	N/A	William County Prince	51153	020700100703	38.79551882	77.46639145	-
10/1/2003	Infiltration Trench	0.038697001	0.014604252	N/A	N/A	N/A	William County Prince	51153	020700100703	38.79538042	77.46687618	-
3/1/1993	Dry Extended Detention Ponds	19.57403215	6.487329596	N/A	N/A	N/A	William County Prince	51153	020700100705	38.79489773	77.45343503	-
10/1/2003	Infiltration Trench	0.367640295	0.167217503	N/A	N/A	N/A	William County Prince	51153	020700100705	38.79527559	77.46649389	-

10/1/20		0.0795531					Prince				-
03	Infiltration Trench	27	0.074977635	N/A	N/A	N/A	William	51153	0207001	38.795	77.4665
							County		00705	08452	194
							Prince				-
8/1/200	Dry Extended	29.885543					William		0207001	38.794	77.5398
1	Detention Ponds	05	8.873316232	N/A	N/A	N/A	County	51153	00703	76871	0382
							Prince				-
7/1/200	Dry Extended	1.5071649					William		0207001	38.795	77.5186
0	Detention Ponds	37	1.037389602	N/A	N/A	N/A	County	51153	00703	21365	456
							Prince				-
3/1/199	Dry Extended	81.285682					William		0207001	38.794	77.5270
7	Detention Ponds	98	15.32805378	N/A	N/A	N/A	County	51153	00703	61599	8461
							Prince				-
12/1/20	Hydrodynamic	4.8772444					William		0207001	38.794	77.5171
01	Structures	11	3.436371022	N/A	N/A	N/A	County	51153	00703	50288	7743
							Prince				-
2/1/200		1.4305218					William		0207001	38.794	77.5176
1	Infiltration Trench	9	0.977782531	N/A	N/A	N/A	County	51153	00703	26423	851
							Prince				-
7/1/199	Hydrodynamic	0.0963449					William		0207001	38.794	77.6143
5	Structures	39	0.01049249	N/A	N/A	N/A	County	51153	00504	99346	7313
							Prince				-
2/1/200	Dry Detention	17.130715					William		0207001	38.793	77.5179
1	Ponds	29	9.357339596	N/A	N/A	N/A	County	51153	00703	29394	5096
							Prince				-
2/1/200		0.7037226					William		0207001	38.793	77.5172
1	Infiltration Trench	11	0.671943074	N/A	N/A	N/A	County	51153	00703	79691	4208
							Prince				-
9/1/200	Dry Extended	1.2518259					William		0207001	38.794	77.6123
5	Detention Ponds	89	0.549749191	N/A	N/A	N/A	County	51153	00504	41044	4065
							Prince				-
2/1/199		1.7893261					William		0207001	38.793	77.4479
8	Dry Well	34	1.346785964	N/A	N/A	N/A	County	51153	00705	14916	1466
							Prince				-
2/1/200		0.5358624					William		0207001	38.793	77.5172
1	Infiltration Trench	11	0.515841858	N/A	N/A	N/A	County	51153	00703	71577	2726
							Prince				-
10/1/20	Dry Extended	15.633540					William		0207001	38.792	77.5104
02	Detention Ponds	45	7.432283152	N/A	N/A	N/A	County	51153	00703	49027	6527
							Prince				-
9/1/199	Dry Extended	9.1052075					William		0207001	38.792	77.4558
3	Detention Ponds	9	2.65576148	N/A	N/A	N/A	County	51153	00705	16679	0814
							Prince				-
2/1/199	Dry Extended	11.547662					William		0207001	38.792	77.4787
2	Detention Ponds	83	4.648633299	N/A	N/A	N/A	County	51153	00703	32715	9749

9/1/2005	Wet Pond	0.306068884	0.108298706	N/A	N/A	N/A	Prince William County	51153	020700100703	38.79294394	77.55806896	-
9/1/2001	Dry Extended Detention Ponds	3.131049951	2.151091752	N/A	N/A	N/A	Prince William County	51153	020700100502	38.79320538	77.62193633	-
9/1/2005	Hydrodynamic Structures	0.640531595	0.332496707	N/A	N/A	N/A	Prince William County	51153	020700100703	38.79277831	77.55812646	-
8/1/2000	Hydrodynamic Structures	0.078016971	0.063519507	N/A	N/A	N/A	Prince William County	51153	020700100502	38.79257663	77.62107	-
12/1/1997	Bioretention, soils unknown	2.503435809	0.825131928	N/A	N/A	N/A	Prince William County	51153	020700100703	38.79074943	77.51004113	-
10/1/2005	Wet Pond	22.31875599	9.755406793	N/A	N/A	N/A	Prince William County	51153	020700100703	38.79102048	77.55733635	-
6/1/1996	Wet Pond	5.686536758	0.339211967	N/A	N/A	N/A	Prince William County	51153	020700100502	38.78909442	77.62156914	-
6/1/1996	Dry Extended Detention Ponds	33.12437254	9.449327959	N/A	N/A	N/A	Prince William County	51153	020700100502	38.79007911	77.62080805	-
1/1/1995	Dry Extended Detention Ponds	8.413870613	3.158852569	N/A	N/A	N/A	Prince William County	51153	020700100703	38.78981829	77.50271381	-
5/1/2004	Wet Pond	36.66560521	4.88778327	N/A	N/A	N/A	Prince William County	51153	020700100502	38.79007348	77.63102358	-
10/1/2005	Dry Extended Detention Ponds	2.173800558	0.894482081	N/A	N/A	N/A	Prince William County	51153	020700100705	38.78822909	77.44783595	-
3/1/2002	Wet Pond	34.66965551	20.08876513	N/A	N/A	N/A	Prince William County	51153	020700100703	38.78829539	77.50935604	-
9/1/1999	Infiltration Trench	10.2861094	1.56180023	N/A	N/A	N/A	Prince William County	51153	020700100705	38.78724352	77.443811	-
6/1/1996	Dry Swale	0.16038345	0	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78812096	77.58610506	-
6/1/1996	Dry Extended Detention Ponds	95.79112092	31.77686893	N/A	N/A	N/A	Prince William County	51153	020700100504	38.7871119	77.58499316	-

2/1/200		57.296586					Prince					-
4	Wet Pond	53	10.36399357	N/A	N/A	N/A	William	51153	0207001	38.785	77.6220	
							County		00502	48197	3085	
							Prince					-
8/1/200	Dry Extended	0.7177622					William		0207001	38.787	77.6271	
3	Detention Ponds	89	0.479087153	N/A	N/A	N/A	County	51153	00502	94803	1841	
							Prince					-
9/1/200		0.4225473					William		0207001	38.785	77.4399	
3	Infiltration Trench	78	0.098355959	N/A	N/A	N/A	County	51153	00705	70326	4827	
							Prince					-
6/1/199	Dry Extended	7.7089650					William		0207001	38.632	77.2636	
5	Detention Ponds	29	2.202964797	N/A	N/A	N/A	County	51153	00805	61631	3816	
							Prince					-
10/1/19	Dry Extended	64.344385					William		0207001	38.631	77.4442	
96	Detention Ponds	92	5.509637708	N/A	N/A	N/A	County	51153	10104	81403	4608	
							Prince					-
6/1/200	Dry Extended	136.15572					William		0207001	38.629	77.3989	
1	Detention Ponds	17	13.11116563	N/A	N/A	N/A	County	51153	10103	06925	4086	
							Prince					-
8/1/199	Dry Extended	10.240140					William		0207001	38.627	77.3994	
4	Detention Ponds	35	1.306318052	N/A	N/A	N/A	County	51153	10103	60326	4534	
							Prince					-
7/1/200	Dry Extended	11.139359					William		0207001	38.621	77.3310	
2	Detention Ponds	85	2.547624158	N/A	N/A	N/A	County	51153	00804	80087	3133	
							Prince					-
11/1/19	Dry Extended	21.462636					William		0207001	38.619	77.3262	
99	Detention Ponds	43	7.574193015	N/A	N/A	N/A	County	51153	00804	46115	1339	
							Prince					-
5/1/200	Dry Extended	23.464415					William		0207001	38.616	77.3788	
6	Detention Ponds	87	7.093825619	N/A	N/A	N/A	County	51153	10103	2311	5142	
							Prince					-
8/1/199	Dry Extended	44.875287					William		0207001	38.610	77.3142	
4	Detention Ponds	02	15.54230376	N/A	N/A	N/A	County	51153	10103	10661	8113	
							Prince					-
11/1/19		0.0032390					William		0207001	38.606	77.3008	
92	Infiltration Trench	02	0.001551164	N/A	N/A	N/A	County	51153	10103	36517	7403	
							Prince					-
2/1/200	Dry Extended	30.323845					William		0207001	38.600	77.3359	
0	Detention Ponds	71	15.21394496	N/A	N/A	N/A	County	51153	10103	34414	9462	
							Prince					-
2/1/200	Dry Extended	142.68993					William		0207001	38.588	77.3296	
4	Detention Ponds	1	32.81626507	N/A	N/A	N/A	County	51153	10104	88798	7019	
							Prince					-
7/1/199		2.0190858					William		0207001	38.582	77.3260	
5	Wet Pond	8	1.33981605	N/A	N/A	N/A	County	51153	10104	57401	8103	

4/1/200		0.6532000					Prince					-
3	Infiltration Trench	98	0.386902749	N/A	N/A	N/A	William	51153	0207001	38.578	77.3126	-
							County		10104	36914	403	-
							Prince					-
4/1/199	Dry Extended	20.705326					William		0207001	38.574	77.3077	-
8	Detention Ponds	65	9.178790283	N/A	N/A	N/A	County	51153	10104	35309	7844	-
							Prince					-
7/1/200	Dry Extended	56.082271					William		0207001	38.555	77.3170	-
1	Detention Ponds	9	12.82948955	N/A	N/A	N/A	County	51153	10104	39901	997	-
							Prince					-
4/1/200	Dry Extended	130.90946					William		0207001	38.842	77.6169	-
4	Detention Ponds	48	6.091167935	N/A	N/A	N/A	County	51153	00702	64876	1173	-
							Prince					-
7/1/200	Dry Extended	19.516771					William		0207001	38.841	77.6031	-
5	Detention Ponds	51	2.360238375	N/A	N/A	N/A	County	51153	00702	29199	6973	-
							Prince					-
11/1/20	Dry Extended	66.780109					William		0207001	38.838	77.6105	-
04	Detention Ponds	82	3.219768877	N/A	N/A	N/A	County	51153	00702	34886	1351	-
							Prince					-
9/1/199	Dry Extended	43.674240					William		0207001	38.544	77.3219	-
1	Detention Ponds	74	9.369299159	N/A	N/A	N/A	County	51153	10104	86715	7341	-
							Prince					-
8/1/200	Dry Extended	9.8336179					William		0207001	38.711	77.4537	-
6	Detention Ponds	88	2.897031922	N/A	N/A	N/A	County	51153	00801	23989	6308	-
							Prince					-
4/1/200		68.136866					William		0207001	38.837	77.5996	-
4	Wet Pond	46	14.74790013	N/A	N/A	N/A	County	51153	00702	64678	8127	-
							Prince					-
8/1/200	Dry Extended	37.779913					William		0207001	38.791	77.5544	-
6	Detention Ponds	95	4.410071285	N/A	N/A	N/A	County	51153	00703	86623	7965	-
							Prince					-
8/1/200	Dry Extended	0.6703607					William		0207001	38.612	77.3038	-
6	Detention Ponds	93	0.02426129	N/A	N/A	N/A	County	51153	00804	16575	9347	-
							Prince					-
8/1/200	Dry Extended	28.036020					William		0207001	38.622	77.2842	-
6	Detention Ponds	52	7.322321732	N/A	N/A	N/A	County	51153	00804	70292	6943	-
							Prince					-
8/1/200	Dry Extended	1.4626106					William		0207001	38.664	77.4172	-
6	Detention Ponds	11	0.355193042	N/A	N/A	N/A	County	51153	00801	05089	9034	-
							Prince					-
5/1/200		36.025338					William		0207001	38.816	77.5912	-
3	Wet Pond	66	11.71756158	N/A	N/A	N/A	County	51153	00702	54012	0307	-
							Prince					-
3/1/199	Dry Extended	9.5022423					William		0207001	38.748	77.5419	-
7	Detention Ponds	44	6.278883765	N/A	N/A	N/A	County	51153	00504	00606	6353	-

10/1/20		1.5384009					Prince						-
06	Wet Pond	45	0.12019663	N/A	N/A	N/A	William	51153	0207001	38.656	77.3152		
							County		00802	80251	2176		
							Prince						-
12/1/20		91.179461					William		0207001	38.811	77.6218		
06	Wet Pond	92	29.37265996	N/A	N/A	N/A	County	51153	00702	95531	9725		
							Prince						-
11/1/20	Hydrodynamic	4.1083158					William		0207001	38.759	77.5394		
06	Structures	09	1.096188365	N/A	N/A	N/A	County	51153	00504	351	2157		
							Prince						-
12/1/20	Hydrodynamic	0.0427807					William		0207001	38.612	77.2931		
06	Structures	92	0.042779996	N/A	N/A	N/A	County	51153	00804	61223	2293		
							Prince						-
4/1/200		1.1835757					William		0207001	38.652	77.2310		
7	Infiltration Trench	8	0.835218581	N/A	N/A	N/A	County	51153	00803	5754	3804		
							Prince						-
11/1/20	Dry Extended	16.238579					William		0207001	38.836	77.6092		
04	Detention Ponds	55	0.642016861	N/A	N/A	N/A	County	51153	00702	07495	7747		
							Prince						-
3/1/200		27.372504					William		0207001	38.799	77.6170		
7	Wet Pond	67	19.38334129	N/A	N/A	N/A	County	51153	00702	69	8286		
							Prince						-
4/1/200	Dry Extended	32.271729					William		0207001	38.780	77.6084		
7	Detention Ponds	35	11.314248	N/A	N/A	N/A	County	51153	00504	13319	0577		
							Prince						-
4/1/200		36.206357					William		0207001	38.825	77.6635		
7	Wet Pond	64	3.315929419	N/A	N/A	N/A	County	51153	00502	13618	3246		
							Prince						-
5/23/20	Dry Extended	0.4971956					William		0207001	38.644	77.3209		
07	Detention Ponds	99	0.223140948	N/A	N/A	N/A	County	51153	00804	2366	7811		
							Prince						-
6/1/200		72.005343					William		0207001	38.832	77.6525		
4	Wet Pond	69	15.60511224	N/A	N/A	N/A	County	51153	00702	5961	9423		
							Prince						-
7/20/20	Dry Extended	13.975997					William		0207001	38.794	77.6297		
07	Detention Ponds	21	8.330308469	N/A	N/A	N/A	County	51153	00502	77589	2905		
							Prince						-
8/29/20	Dry Extended	2.7037159					William		0207001	38.784	77.6077		
07	Detention Ponds	03	0.87193295	N/A	N/A	N/A	County	51153	00504	3205	32		
							Prince						-
9/11/20	Bioretention, soils	24.383092					William		0207001	38.755	77.5804		
07	unknown	76	7.796606459	N/A	N/A	N/A	County	51153	00504	38074	2172		
							Prince						-
9/1/199	Dry Extended	9.5939829					William		0207001	38.670	77.2653		
7	Detention Ponds	93	4.118521053	N/A	N/A	N/A	County	51153	00803	35382	4664		

10/19/2007	Dry Extended Detention Ponds	78.75162886	30.2237161	N/A	N/A	N/A	Prince William County	51153	020700100504	38.73863536	77.5747243	-
9/1/2004	Bioretention, soils unknown	3.0693485	1.580926511	N/A	N/A	N/A	Prince William County	51153	020700100702	38.81075936	77.61692452	-
11/20/2007	Dry Extended Detention Ponds	54.60014383	4.079450032	N/A	N/A	N/A	Prince William County	51153	020700100801	38.70630525	77.38775844	-
1/8/2008	Dry Detention Ponds	4.38624272	3.308047452	N/A	N/A	N/A	Prince William County	51153	020700110103	38.63277016	77.37297087	-
1/17/2008	Dry Extended Detention Ponds	35.11816604	5.243016744	N/A	N/A	N/A	Prince William County	51153	020700100801	38.68736726	77.43394999	-
1/25/2008	Infiltration Trench	0.602922319	0.415592717	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76214369	77.50729574	-
8/1/2000	Dry Extended Detention Ponds	45.94786842	14.48998718	N/A	N/A	N/A	Prince William County	51153	020700100804	38.62976239	77.34269034	-
2/1/2008	Dry Extended Detention Ponds	5.369899663	2.75133868	N/A	N/A	N/A	Prince William County	51153	020700110104	38.58396254	77.32775213	-
4/1/2004	Wet Pond	16.93085824	2.627793074	N/A	N/A	N/A	Prince William County	51153	020700100702	38.84316057	77.59523271	-
6/1/2004	Wet Pond	126.3907979	23.70309613	N/A	N/A	N/A	Prince William County	51153	020700100702	38.83043549	77.63551079	-
8/1/1999	Dry Extended Detention Ponds	32.9979247	3.471838612	N/A	N/A	N/A	Prince William County	51153	020700100702	38.83018483	77.62421009	-
7/1/2005	Dry Extended Detention Ponds	58.90355544	17.36944875	N/A	N/A	N/A	Prince William County	51153	020700100702	38.81853177	77.62510832	-
10/1/2000	Wet Pond	66.12061257	11.19350387	N/A	N/A	N/A	Prince William County	51153	020700100502	38.81532161	77.6471022	-
8/1/2003	Dry Extended Detention Ponds	12.83041089	6.496691173	N/A	N/A	N/A	Prince William County	51153	020700100702	38.81425467	77.60668035	-
5/1/2001	Wet Pond	20.09824532	5.139263241	N/A	N/A	N/A	Prince William County	51153	020700100702	38.81354977	77.59804543	-

8/1/2003	Dry Extended Detention Ponds	24.51021075	9.509011724	N/A	N/A	N/A	Prince William County	51153	020700100702	38.81300218	77.60421246	-
10/1/2001	Wet Pond	10.46091934	1.626491599	N/A	N/A	N/A	Prince William County	51153	020700100702	38.81237444	77.59460018	-
10/1/2001	Wet Pond	31.92098501	10.49632202	N/A	N/A	N/A	Prince William County	51153	020700100702	38.81138105	77.59777247	-
3/1/2005	Wet Pond	164.4961081	62.02479598	N/A	N/A	N/A	Prince William County	51153	020700100702	38.81080496	77.60175553	-
9/1/2004	Bioretention, soils unknown	4.158542819	2.026209967	N/A	N/A	N/A	Prince William County	51153	020700100702	38.81052425	77.61614129	-
7/1/2000	Dry Extended Detention Ponds	16.94488265	4.969874115	N/A	N/A	N/A	Prince William County	51153	020700100702	38.80953671	77.61383891	-
7/1/2002	Bioretention, soils unknown	4.4505574	2.406084475	N/A	N/A	N/A	Prince William County	51153	020700100702	38.80988696	77.61474672	-
7/1/2000	Bioretention, soils unknown	0.262763618	0.082639526	N/A	N/A	N/A	Prince William County	51153	020700100702	38.80970644	77.61324027	-
7/1/2000	Bioretention, soils unknown	2.565055587	1.277920906	N/A	N/A	N/A	Prince William County	51153	020700100702	38.80920519	77.61365856	-
7/1/2002	Bioretention, soils unknown	2.031879034	1.040186561	N/A	N/A	N/A	Prince William County	51153	020700100702	38.8091838	77.61433539	-
7/1/2000	Bioretention, soils unknown	0.124411976	0.016110469	N/A	N/A	N/A	Prince William County	51153	020700100702	38.80888198	77.61377265	-
4/1/2006	Bioretention, soils unknown	4.574983695	2.585060232	N/A	N/A	N/A	Prince William County	51153	020700100702	38.80868273	77.61630881	-
7/1/1997	Bioretention, soils unknown	82.33518254	12.33612449	N/A	N/A	N/A	Prince William County	51153	020700100702	38.80860146	77.61569591	-
4/1/2006	Bioretention, soils unknown	13.72195668	6.352072455	N/A	N/A	N/A	Prince William County	51153	020700100702	38.80847891	77.61835358	-
1/1/2000	Bioretention, soils unknown	2.682398166	1.276339396	N/A	N/A	N/A	Prince William County	51153	020700100702	38.80811767	77.61421921	-

1/1/2000	Bioretention, soils unknown	2.509650127	0.744135511	N/A	N/A	N/A	Prince William County Prince	51153	020700100702	38.80803852	77.61585843
1/1/2001	Dry Extended Detention Ponds	8.912086351	3.35120939	N/A	N/A	N/A	William County Prince	51153	020700100703	38.80662519	77.49406221
7/1/2003	Bioretention, soils unknown	85.39643158	8.322705901	N/A	N/A	N/A	William County Prince	51153	020700100702	38.80781613	77.61326932
7/1/2003	Bioretention, soils unknown	0.177595923	0.052490158	N/A	N/A	N/A	William County Prince	51153	020700100702	38.80773269	77.61362166
2/1/1997	Wet Pond	185.8498714	100.0014238	N/A	N/A	N/A	William County Prince	51153	020700100703	38.80484567	77.51430721
1/1/2001	Dry Extended Detention Ponds	6.304812974	2.851700201	N/A	N/A	N/A	William County Prince	51153	020700100703	38.80530019	77.49505034
10/1/2000	Wet Pond	40.25954796	15.83720884	N/A	N/A	N/A	William County Prince	51153	020700100703	38.80397439	77.5217257
6/1/2006	Wet Pond	21.89016974	6.161668701	N/A	N/A	N/A	William County Prince	51153	020700100502	38.80409411	77.62628247
9/1/2001	Infiltration Trench	2.281109385	1.145105059	N/A	N/A	N/A	William County Prince	51153	020700100702	38.80366032	77.61885646
4/1/2002	Dry Extended Detention Ponds	18.26377971	6.034866232	N/A	N/A	N/A	William County Prince	51153	020700100504	38.80246824	77.6001245
10/1/2000	Wet Pond	26.07364698	21.04285167	N/A	N/A	N/A	William County Prince	51153	020700100703	38.80178666	77.53098998
5/1/2005	Filtering Practices	2.891675373	2.303631668	N/A	N/A	N/A	William County Prince	51153	020700100703	38.80199614	77.50627156
5/1/2005	Filtering Practices	0.101223957	0.098510567	N/A	N/A	N/A	William County Prince	51153	020700100703	38.80175977	77.50614048
3/1/1997	Hydrodynamic Structures	0.293145173	0.257671005	N/A	N/A	N/A	William County Prince	51153	020700100705	38.80121152	77.44832027
5/1/2005	Filtering Practices	0.346982801	0.315872915	N/A	N/A	N/A	William County Prince	51153	020700100703	38.801578	77.50598489

3/1/199	Hydrodynamic Structures	0.0384837	0.024298871	N/A	N/A	N/A	Prince William County	51153	0207001	38.801	77.4482
7		56					Prince		00705	07201	3159
							County				-
3/1/200	Filtering Practices	0.9362973	0.83228297	N/A	N/A	N/A	William County	51153	0207001	38.801	77.5111
5		02					Prince		00703	57999	289
							County				-
3/1/200	Filtering Practices	1.0017950	0.76435796	N/A	N/A	N/A	William County	51153	0207001	38.801	77.5113
5		97					Prince		00703	54764	9599
							County				-
9/1/199	Infiltration Trench	0.0151693	0.013524677	N/A	N/A	N/A	William County	51153	0207001	38.801	77.5048
7		56					Prince		00703	16001	0967
							County				-
9/1/200	Dry Extended Detention Ponds	8.2765444	3.517353715	N/A	N/A	N/A	William County	51153	0207001	38.801	77.5139
1		01					Prince		00703	14659	1683
							County				-
9/1/199	Infiltration Trench	0.0999403	0.072967287	N/A	N/A	N/A	William County	51153	0207001	38.801	77.5044
7		09					Prince		00703	13582	1808
							County				-
9/1/199	Infiltration Trench	0.0208397	0.01821128	N/A	N/A	N/A	William County	51153	0207001	38.800	77.5047
7		51					Prince		00703	76668	8573
							County				-
9/1/199	Dry Extended Detention Ponds	2.6377234	1.822466679	N/A	N/A	N/A	William County	51153	0207001	38.800	77.5053
7		43					Prince		00703	95947	3532
							County				-
9/1/199	Infiltration Trench	0.0395851	0.026350787	N/A	N/A	N/A	William County	51153	0207001	38.800	77.5051
7		28					Prince		00703	83456	747
							County				-
9/1/199	Infiltration Trench	0.0522423	0.030817837	N/A	N/A	N/A	William County	51153	0207001	38.800	77.5053
7		19					Prince		00703	66661	3601
							County				-
9/1/199	Infiltration Trench	0.0172653	0.017238099	N/A	N/A	N/A	William County	51153	0207001	38.800	77.5051
7		31					Prince		00703	38556	4423
							County				-
11/1/20	Dry Extended Detention Ponds	19.658319	11.46985843	N/A	N/A	N/A	William County	51153	0207001	38.800	77.5205
02		32					Prince		00703	20088	8035
							County				-
8/1/199	Infiltration Trench	0.0647350	0.032576675	N/A	N/A	N/A	William County	51153	0207001	38.799	77.5056
7		15					Prince		00703	59095	0515
							County				-
8/1/200	Dry Extended Detention Ponds	0.6730649	0.510331465	N/A	N/A	N/A	William County	51153	0207001	38.798	77.5200
1		21					Prince		00703	10408	4968
							County				-
12/1/19	Wet Pond	0.0519516	0	N/A	N/A	N/A	William County	51153	0207001	38.927	77.6364
92		67					Prince		00701	25932	6573
							County				-

12/1/19	Dry Extended	5.0237447					Prince				-
92	Detention Ponds	46	0.861528747	N/A	N/A	N/A	William	51153	0207001	38.926	77.6328
							County		00701	6685	8615
							Prince				-
10/1/20		60.022438					William		0207001	38.905	77.6061
02	Wet Pond	66	6.431225481	N/A	N/A	N/A	County	51153	00701	80815	9815
							Prince				-
10/1/19		36.347837					William		0207001	38.882	77.6593
97	Wet Pond	78	5.736261852	N/A	N/A	N/A	County	51153	00701	37495	842
							Prince				-
8/1/199		53.390115					William		0207001	38.877	77.6584
3	Wet Pond	56	4.723649199	N/A	N/A	N/A	County	51153	00701	15991	4828
							Prince				-
3/1/200		89.676787					William		0207001	38.874	77.6230
0	Wet Pond	19	12.67401222	N/A	N/A	N/A	County	51153	00701	08863	1786
							Prince				-
12/1/20	Dry Extended	107.62666					William		0207001	38.870	77.6094
02	Detention Ponds	03	11.66617007	N/A	N/A	N/A	County	51153	00701	95023	1493
							Prince				-
7/1/200	Dry Extended	1.7451146					William		0207001	38.871	77.6340
3	Detention Ponds	36	0.94212919	N/A	N/A	N/A	County	51153	00701	00471	7085
							Prince				-
9/1/200	Dry Extended	23.209849					William		0207001	38.871	77.6654
0	Detention Ponds	62	3.120370093	N/A	N/A	N/A	County	51153	00701	011	4162
							Prince				-
9/1/200	Dry Extended	20.054982					William		0207001	38.870	77.6686
0	Detention Ponds	94	0.785590571	N/A	N/A	N/A	County	51153	00701	44916	421
							Prince				-
5/1/200	Dry Extended	17.087663					William		0207001	38.868	77.6003
1	Detention Ponds	27	1.377348893	N/A	N/A	N/A	County	51153	00701	59522	5183
							Prince				-
8/1/199	Dry Extended	67.540969					William		0207001	38.865	77.6019
9	Detention Ponds	1	7.612710066	N/A	N/A	N/A	County	51153	00701	42441	9244
							Prince				-
7/1/199		53.914228					William		0207001	38.864	77.6135
5	Wet Pond	01	7.324840912	N/A	N/A	N/A	County	51153	00702	64212	3493
							Prince				-
1/1/200	Dry Extended	183.34148					William		0207001	38.862	77.6131
6	Detention Ponds	31	17.73684131	N/A	N/A	N/A	County	51153	00702	35229	2577
							Prince				-
9/1/199	Dry Extended	25.621633					William		0207001	38.859	77.6790
4	Detention Ponds	87	3.844229231	N/A	N/A	N/A	County	51153	00702	60339	2087
							Prince				-
9/1/199	Dry Extended	18.967082					William		0207001	38.857	77.6212
9	Detention Ponds	33	1.658032555	N/A	N/A	N/A	County	51153	00702	01932	4552

5/1/2000	Dry Extended Detention Ponds	2.782775128	1.057053076	N/A	N/A	N/A	Prince William County	51153	020700100702	38.85496623	77.56852921	-
1/1/2006	Dry Extended Detention Ponds	31.89483358	3.095788696	N/A	N/A	N/A	Prince William County	51153	020700100702	38.85424768	77.61781255	-
10/1/1999	Dry Extended Detention Ponds	19.34040879	4.438738716	N/A	N/A	N/A	Prince William County	51153	020700100702	38.85225887	77.63643785	-
7/1/2004	Dry Extended Detention Ponds	58.67638089	10.91275399	N/A	N/A	N/A	Prince William County	51153	020700100702	38.84840995	77.59778221	-
7/1/1996	Dry Extended Detention Ponds	17.00247249	4.77335754	N/A	N/A	N/A	Prince William County	51153	020700100702	38.83624801	77.62918247	-
5/1/2001	Wet Pond	80.36751116	19.17231917	N/A	N/A	N/A	Prince William County	51153	020700100702	38.81427666	77.59984735	-
7/1/2000	Bioretention, soils unknown	2.267823773	0.716520983	N/A	N/A	N/A	Prince William County	51153	020700100702	38.81007737	77.61222691	-
1/1/2000	Bioretention, soils unknown	0.116530448	0.043478971	N/A	N/A	N/A	Prince William County	51153	020700100702	38.80837217	77.61486121	-
6/1/2000	Dry Extended Detention Ponds	37.3932628	17.37964145	N/A	N/A	N/A	Prince William County	51153	020700100703	38.80349216	77.49539428	-
10/1/2001	Dry Extended Detention Ponds	1.746173229	0.806510996	N/A	N/A	N/A	Prince William County	51153	020700100703	38.80167636	77.50478956	-
3/1/1997	Infiltration Trench	1.094999214	0.955199387	N/A	N/A	N/A	Prince William County	51153	020700100705	38.80066637	77.44830245	-
10/1/1999	Dry Extended Detention Ponds	2.933387345	2.260597057	N/A	N/A	N/A	Prince William County	51153	020700100705	38.79927426	77.44762828	-
9/1/2001	Dry Extended Detention Ponds	0.138285513	0.051188444	N/A	N/A	N/A	Prince William County	51153	020700100703	38.79786512	77.52089884	-
12/1/2003	Dry Extended Detention Ponds	25.3169057	5.656278914	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79711883	77.61039711	-
4/1/2004	Dry Extended Detention Ponds	23.70176247	12.94584603	N/A	N/A	N/A	Prince William County	51153	020700100703	38.79483694	77.50564939	-

2/1/200		1.1021125					Prince				-
1	Infiltration Trench	35	0.916546252	N/A	N/A	N/A	William	51153	0207001	38.794	77.5170
							County		00703	27483	6301
							Prince				-
2/1/200		0.0277117					William		0207001	38.793	77.5170
1	Infiltration Trench	09	0.009205676	N/A	N/A	N/A	County	51153	00703	05186	0678
							Prince				-
9/1/199	Dry Extended	11.413375					William		0207001	38.792	77.6143
5	Detention Ponds	47	3.71505784	N/A	N/A	N/A	County	51153	00504	97289	303
							Prince				-
8/1/200		0.2503557					William		0207001	38.786	77.6269
3	Infiltration Trench	72	0.138754482	N/A	N/A	N/A	County	51153	00502	82365	9533
							Prince				-
2/1/200		56.951896					William		0207001	38.782	77.6229
4	Wet Pond	91	16.39411242	N/A	N/A	N/A	County	51153	00502	18957	3451
							Prince				-
2/1/200	Dry Extended	28.118763					William		0207001	38.781	77.6379
3	Detention Ponds	42	3.599923031	N/A	N/A	N/A	County	51153	00502	07692	4728
							Prince				-
7/1/200	Underground	2.6448771					William		0207001	38.778	77.4947
0	Sand Filter	74	1.2343805	N/A	N/A	N/A	County	51153	00703	34493	5677
							Prince				-
10/1/19	Dry Extended	3.5621240					William		0207001	38.777	77.4939
96	Detention Ponds	54	2.162151702	N/A	N/A	N/A	County	51153	00703	27247	6429
							Prince				-
7/1/199	Dry Extended	27.983277					William		0207001	38.776	77.5373
7	Detention Ponds	49	5.915817375	N/A	N/A	N/A	County	51153	00504	2777	2646
							Prince				-
11/1/19	Dry Extended	14.416717					William		0207001	38.774	77.6380
92	Detention Ponds	07	3.382456548	N/A	N/A	N/A	County	51153	00502	52973	273
							Prince				-
9/1/200	Dry Extended	2.7030760					William		0207001	38.770	77.5551
5	Detention Ponds	38	1.549118221	N/A	N/A	N/A	County	51153	00504	91076	7702
							Prince				-
7/1/200		7.7596022					William		0207001	38.766	77.5947
2	Wet Pond	91	3.839863679	N/A	N/A	N/A	County	51153	00504	89904	8508
							Prince				-
12/1/19	Bioretention, soils	6.3246611					William		0207001	38.765	77.5923
99	unknown	16	3.069227235	N/A	N/A	N/A	County	51153	00504	06345	5366
							Prince				-
7/1/200	Bioretention, soils	0.1253196					William		0207001	38.763	77.5188
0	unknown	69	0.034203581	N/A	N/A	N/A	County	51153	00504	03647	5604
							Prince				-
6/1/199	Bioretention, soils	1.4151209					William		0207001	38.762	77.5936
8	unknown	37	0.818372263	N/A	N/A	N/A	County	51153	00504	05875	9869

1/1/2005	Wet Pond	178.626436	39.89365617	N/A	N/A	N/A	Prince William County	51153	020700100504	38.75839593	77.56522982	-
7/1/2002	Bioretention, soils unknown	21.30417722	7.880594811	N/A	N/A	N/A	Prince William County	51153	020700100504	38.75550276	77.59554674	-
7/1/2000	Bioretention, soils unknown	19.52199942	9.850476927	N/A	N/A	N/A	Prince William County	51153	020700100504	38.75336124	77.52097532	-
7/1/2001	Dry Extended Detention Ponds	48.71720229	8.364938738	N/A	N/A	N/A	Prince William County	51153	020700100705	38.74652501	77.43686858	-
12/1/1992	Wet Pond	8.484857973	1.227097895	N/A	N/A	N/A	Prince William County	51153	020700100705	38.7411807	77.4199319	-
2/1/2000	Wet Pond	57.56983695	0.770314006	N/A	N/A	N/A	Prince William County	51153	020700100801	38.72908909	77.4673142	-
8/1/2000	Dry Extended Detention Ponds	44.28065579	6.120156421	N/A	N/A	N/A	Prince William County	51153	020700100801	38.72861737	77.41034938	-
7/1/1998	Dry Extended Detention Ponds	5.45256054	1.726138987	N/A	N/A	N/A	Prince William County	51153	020700100504	38.72906418	77.48257748	-
2/1/1997	Wet Pond	1.510287335	0.361353967	N/A	N/A	N/A	Prince William County	51153	020700100504	38.72853492	77.48098053	-
12/1/2003	Dry Extended Detention Ponds	12.52470568	4.780469602	N/A	N/A	N/A	Prince William County	51153	020700100801	38.7286994	77.45412287	-
2/1/1999	Dry Extended Detention Ponds	8.971489207	0.795855797	N/A	N/A	N/A	Prince William County	51153	020700100801	38.72782027	77.40198571	-
8/1/2000	Dry Extended Detention Ponds	16.98572868	2.099853247	N/A	N/A	N/A	Prince William County	51153	020700100801	38.72697148	77.41731065	-
5/1/1998	Dry Extended Detention Ponds	34.63834218	10.93417519	N/A	N/A	N/A	Prince William County	51153	020700100504	38.72814164	77.48606574	-
2/1/1999	Dry Extended Detention Ponds	8.607426984	0.883890824	N/A	N/A	N/A	Prince William County	51153	020700100801	38.72709402	77.39925711	-
1/1/2005	Dry Extended Detention Ponds	18.41401908	6.957371894	N/A	N/A	N/A	Prince William County	51153	020700100504	38.72783512	77.48838625	-

12/1/19	Dry Extended	11.856542					Prince						-
96	Detention Ponds	42	2.620306557	N/A	N/A	N/A	William	51153	0207001	38.727	77.4849		
							County		00504	62783	8953		
							Prince						-
9/1/200	Dry Extended	22.440195					William		0207001	38.727	77.4642		
0	Detention Ponds	06	7.275811167	N/A	N/A	N/A	County	51153	00801	26199	8843		
							Prince						-
10/1/20	Dry Extended	36.839464					William		0207001	38.727	77.4806		
00	Detention Ponds	54	9.125791252	N/A	N/A	N/A	County	51153	00504	05758	2768		
							Prince						-
8/1/199	Dry Extended	11.202099					William		0207001	38.726	77.4282		
7	Detention Ponds	45	1.724200333	N/A	N/A	N/A	County	51153	00801	64348	167		
							Prince						-
11/1/20	Dry Extended	10.207674					William		0207001	38.726	77.4219		
01	Detention Ponds	47	2.12921322	N/A	N/A	N/A	County	51153	00801	12498	7114		
							Prince						-
7/1/199	Dry Extended	12.154445					William		0207001	38.726	77.4893		
4	Detention Ponds	26	3.152145894	N/A	N/A	N/A	County	51153	00504	38177	8596		
							Prince						-
9/1/200		6.2007202					William		0207001	38.724	77.4289		
0	Wet Pond	41	0.18238457	N/A	N/A	N/A	County	51153	00801	6342	4754		
							Prince						-
6/1/200		0.2046875					William		0207001	38.725	77.4687		
5	Infiltration Trench	59	0.204687559	N/A	N/A	N/A	County	51153	00801	07211	7702		
							Prince						-
6/1/200		0.9543808					William		0207001	38.724	77.4692		
5	Infiltration Trench	74	0.747862066	N/A	N/A	N/A	County	51153	00801	83819	9465		
							Prince						-
6/1/200		0.1429195					William		0207001	38.724	77.4690		
5	Infiltration Trench	58	0.094889824	N/A	N/A	N/A	County	51153	00801	75893	6972		
							Prince						-
4/1/200	Dry Extended	19.966731					William		0207001	38.723	77.4870		
0	Detention Ponds	5	6.592250148	N/A	N/A	N/A	County	51153	00504	86851	9584		
							Prince						-
12/1/20	Dry Extended	7.5352085					William		0207001	38.722	77.4223		
02	Detention Ponds	76	1.334979822	N/A	N/A	N/A	County	51153	00801	63073	6807		
							Prince						-
5/1/200	Dry Extended	21.266082					William		0207001	38.721	77.4081		
0	Detention Ponds	32	3.338359552	N/A	N/A	N/A	County	51153	00801	86207	8044		
							Prince						-
3/1/199	Dry Extended	68.110662					William		0207001	38.720	77.4124		
2	Detention Ponds	63	8.621199402	N/A	N/A	N/A	County	51153	00801	81501	9216		
							Prince						-
4/1/200	Dry Extended	14.456746					William		0207001	38.720	77.4196		
0	Detention Ponds	39	2.654204417	N/A	N/A	N/A	County	51153	00801	20159	513		

7/1/2001	Dry Extended Detention Ponds	17.27498985	2.451180989	N/A	N/A	N/A	Prince William County	51153	020700100801	38.71920807	77.43576953	-
11/1/2004	Dry Extended Detention Ponds	10.52798297	1.434077753	N/A	N/A	N/A	Prince William County	51153	020700100801	38.71892471	77.39673351	-
5/1/2001	Dry Extended Detention Ponds	86.18961344	8.370277993	N/A	N/A	N/A	Prince William County	51153	020700100801	38.71910992	77.44849797	-
12/1/2001	Dry Extended Detention Ponds	9.093290981	0.538233609	N/A	N/A	N/A	Prince William County	51153	020700100801	38.71662686	77.4028839	-
10/1/1996	Dry Extended Detention Ponds	25.39610428	2.966828706	N/A	N/A	N/A	Prince William County	51153	020700100801	38.71646404	77.40581455	-
9/1/1996	Dry Extended Detention Ponds	52.92161228	2.686955308	N/A	N/A	N/A	Prince William County	51153	020700100801	38.71663295	77.4387198	-
3/1/1992	Dry Extended Detention Ponds	20.50154882	2.476518906	N/A	N/A	N/A	Prince William County	51153	020700100802	38.71447602	77.36111945	-
4/1/2000	Dry Extended Detention Ponds	8.563323988	0.84640604	N/A	N/A	N/A	Prince William County	51153	020700100801	38.71359114	77.42536659	-
10/1/1996	Dry Extended Detention Ponds	8.656419547	0.955179451	N/A	N/A	N/A	Prince William County	51153	020700100801	38.71235205	77.40701253	-
8/1/2002	Dry Extended Detention Ponds	2.952955744	0.743704729	N/A	N/A	N/A	Prince William County	51153	020700100801	38.71250282	77.45920398	-
10/1/1996	Dry Extended Detention Ponds	9.500465128	1.274549923	N/A	N/A	N/A	Prince William County	51153	020700100801	38.71160478	77.40543953	-
1/1/2002	Dry Extended Detention Ponds	17.5216261	6.073972074	N/A	N/A	N/A	Prince William County	51153	020700100801	38.71186489	77.4108559	-
3/1/1997	Wet Pond	38.22343871	3.857422708	N/A	N/A	N/A	Prince William County	51153	020700100801	38.71068862	77.39578527	-
11/1/1994	Dry Extended Detention Ponds	28.09763291	2.833640158	N/A	N/A	N/A	Prince William County	51153	020700100802	38.71061963	77.36342627	-
5/1/1999	Dry Extended Detention Ponds	27.95750486	3.968964234	N/A	N/A	N/A	Prince William County	51153	020700100801	38.71056596	77.39238821	-

5/1/200		3.6742352					Prince				-
0	Infiltration Trench	71	0.509897066	N/A	N/A	N/A	William	51153	0207001	38.709	77.4456
							County		00801	96481	0112
							Prince				-
2/1/200	Dry Extended	2.4111480					William		0207001	38.709	77.4386
0	Detention Ponds	23	0.22173765	N/A	N/A	N/A	County	51153	00801	47995	0436
							Prince				-
5/1/200	Dry Extended	52.483259					William		0207001	38.708	77.4421
0	Detention Ponds	63	7.420431821	N/A	N/A	N/A	County	51153	00801	83813	7126
							Prince				-
2/1/200		1.0110856					William		0207001	38.709	77.4373
0	Infiltration Trench	03	0.093709752	N/A	N/A	N/A	County	51153	00801	14805	3403
							Prince				-
12/1/19	Dry Extended	22.833908					William		0207001	38.708	77.4600
92	Detention Ponds	75	1.037562755	N/A	N/A	N/A	County	51153	00801	77806	1133
							Prince				-
10/1/19		64.849895					William		0207001	38.708	77.4739
99	Wet Pond	04	5.347724911	N/A	N/A	N/A	County	51153	00801	70374	7899
							Prince				-
2/1/200		4.4962170					William		0207001	38.707	77.4335
0	Infiltration Trench	53	1.017940024	N/A	N/A	N/A	County	51153	00801	65202	6781
							Prince				-
2/1/200		2.2771873					William		0207001	38.707	77.4385
0	Infiltration Trench	77	0.483693079	N/A	N/A	N/A	County	51153	00801	81616	6992
							Prince				-
7/1/199	Dry Extended	2.9698275					William		0207001	38.707	77.4535
5	Detention Ponds	88	1.757992647	N/A	N/A	N/A	County	51153	00801	48474	5766
							Prince				-
2/1/200		0.6336295					William		0207001	38.707	77.4363
0	Infiltration Trench	92	0.210392161	N/A	N/A	N/A	County	51153	00801	36484	5478
							Prince				-
2/1/200	Dry Extended	10.006683					William		0207001	38.786	77.6091
0	Detention Ponds	15	4.282890998	N/A	N/A	N/A	County	51153	00504	54552	0843
							Prince				-
11/1/19	Dry Extended	8.5144767					William		0207001	38.785	77.5102
95	Detention Ponds	33	4.915722978	N/A	N/A	N/A	County	51153	00703	45657	1086
							Prince				-
10/1/20		12.815987					William		0207001	38.785	77.5113
04	Wet Pond	34	10.07261781	N/A	N/A	N/A	County	51153	00703	28609	737
							Prince				-
4/1/200		2.5728650					William		0207001	38.784	77.4410
1	Infiltration Trench	48	0.643867427	N/A	N/A	N/A	County	51153	00705	54518	609
							Prince				-
6/1/199	Dry Extended	1.0068750					William		0207001	38.784	77.4493
7	Detention Ponds	44	0.821357157	N/A	N/A	N/A	County	51153	00705	36924	1415

6/1/199		35.689135					Prince					-
6	Wet Pond	68	7.86840864	N/A	N/A	N/A	William	51153	0207001	38.785	77.6186	-
							County		00502	03134	0753	-
							Prince					-
10/1/19	Dry Extended	70.702301					William		0207001	38.783	77.5714	-
99	Detention Ponds	12	17.80646673	N/A	N/A	N/A	County	51153	00504	26759	0324	-
							Prince					-
10/1/19		89.066226					William		0207001	38.781	77.6390	-
99	Wet Pond	79	9.830215141	N/A	N/A	N/A	County	51153	00502	96578	286	-
							Prince					-
9/1/200	Bioretention, soils	0.1568380					William		0207001	38.782	77.5114	-
1	unknown	32	0.144164485	N/A	N/A	N/A	County	51153	00703	74714	9412	-
							Prince					-
11/1/19	Dry Extended	24.808719					William		0207001	38.783	77.6289	-
92	Detention Ponds	33	3.508188503	N/A	N/A	N/A	County	51153	00502	37909	6332	-
							Prince					-
9/1/200		0.2526368					William		0207001	38.782	77.5641	-
1	Infiltration Trench	11	0.218962923	N/A	N/A	N/A	County	51153	00504	60419	8334	-
							Prince					-
4/1/200		27.796143					William		0207001	38.781	77.5325	-
2	Wet Pond	62	12.44778677	N/A	N/A	N/A	County	51153	00504	69181	5132	-
							Prince					-
1/1/200	Dry Extended	4.3362692					William		0207001	38.781	77.4513	-
1	Detention Ponds	99	2.455748764	N/A	N/A	N/A	County	51153	00705	02386	0546	-
							Prince					-
7/1/199	Dry Extended	29.171237					William		0207001	38.780	77.5628	-
6	Detention Ponds	54	15.38958042	N/A	N/A	N/A	County	51153	00504	57371	1535	-
							Prince					-
11/1/19	Dry Extended	7.7948996					William		0207001	38.782	77.6298	-
92	Detention Ponds	06	0.202001188	N/A	N/A	N/A	County	51153	00502	16479	506	-
							Prince					-
11/1/20		40.726624					William		0207001	38.781	77.6103	-
03	Wet Pond	31	10.96562719	N/A	N/A	N/A	County	51153	00504	82038	3636	-
							Prince					-
6/1/199		3.4758264					William		0207001	38.779	77.4528	-
6	Infiltration Trench	15	2.57578575	N/A	N/A	N/A	County	51153	00705	4162	0008	-
							Prince					-
8/1/200	Dry Extended	6.0586545					William		0207001	38.779	77.5553	-
2	Detention Ponds	89	4.491151607	N/A	N/A	N/A	County	51153	00504	45112	7658	-
							Prince					-
9/1/199	Dry Extended	23.015641					William		0207001	38.778	77.4905	-
4	Detention Ponds	21	8.696030715	N/A	N/A	N/A	County	51153	00703	96411	0768	-
							Prince					-
10/1/19	Dry Extended	14.652428					William		0207001	38.780	77.6417	-
99	Detention Ponds	02	4.578708517	N/A	N/A	N/A	County	51153	00502	26518	2816	-

11/1/19		15.293163					Prince				-
95	Infiltration Trench	99	5.289161497	N/A	N/A	N/A	William	51153	0207001	38.779	77.4879
							County		00703	28446	4832
							Prince				-
3/1/200	Dry Extended	0.2117017					William		0207001	38.779	77.5120
4	Detention Ponds	07	0.068058829	N/A	N/A	N/A	County	51153	00703	36427	2417
							Prince				-
3/1/200		0.9601197					William		0207001	38.779	77.5130
4	Infiltration Trench	61	0.760538557	N/A	N/A	N/A	County	51153	00703	25488	8
							Prince				-
2/1/200		7.1375781					William		0207001	38.779	77.5642
1	Wet Pond	31	0.300400129	N/A	N/A	N/A	County	51153	00504	38072	3163
							Prince				-
9/1/199	Dry Extended	44.411255					William		0207001	38.778	77.6038
2	Detention Ponds	25	12.95682839	N/A	N/A	N/A	County	51153	00504	45623	9584
							Prince				-
3/1/199	Dry Extended	23.127803					William		0207001	38.778	77.4554
6	Detention Ponds	41	3.976820289	N/A	N/A	N/A	County	51153	00705	21346	9593
							Prince				-
11/1/19	Dry Extended	14.523729					William		0207001	38.779	77.6318
92	Detention Ponds	68	1.557848917	N/A	N/A	N/A	County	51153	00502	88996	4381
							Prince				-
2/1/199		8.2481341					William		0207001	38.778	77.4550
7	Infiltration Trench	67	2.148051007	N/A	N/A	N/A	County	51153	00705	25316	1873
							Prince				-
8/1/199	Dry Extended	1.8762549					William		0207001	38.778	77.4934
5	Detention Ponds	74	0.986220437	N/A	N/A	N/A	County	51153	00703	21091	4028
							Prince				-
11/1/19	Dry Extended	18.113813					William		0207001	38.778	77.6395
92	Detention Ponds	26	1.716962548	N/A	N/A	N/A	County	51153	00502	90584	9271
							Prince				-
12/1/20	Dry Extended	6.4546932					William		0207001	38.778	77.5184
00	Detention Ponds	94	0.605427593	N/A	N/A	N/A	County	51153	00703	08483	6285
							Prince				-
11/1/19	Dry Extended	1.2985928					William		0207001	38.778	77.6319
92	Detention Ponds	53	0.088804018	N/A	N/A	N/A	County	51153	00502	86126	6062
							Prince				-
7/1/200		37.673568					William		0207001	38.777	77.5329
2	Wet Pond	5	17.72652644	N/A	N/A	N/A	County	51153	00504	45486	6512
							Prince				-
7/1/200	Dry Extended	19.198044					William		0207001	38.777	77.5934
2	Detention Ponds	89	10.61498619	N/A	N/A	N/A	County	51153	00504	54594	9217
							Prince				-
8/1/199	Dry Extended	0.7234765					William		0207001	38.777	77.5187
7	Detention Ponds	68	0	N/A	N/A	N/A	County	51153	00703	60891	362

10/1/19	Dry Extended	0.7226053					Prince						-
96	Detention Ponds	42	0.162314618	N/A	N/A	N/A	William	51153	0207001	38.776	77.4949		
							County		00703	92257	671		
							Prince						-
2/1/199		15.072600					William		0207001	38.776	77.4521		
7	Infiltration Trench	23	11.52082101	N/A	N/A	N/A	County	51153	00705	17616	3337		
							Prince						-
8/1/199	Dry Extended	27.113563					William		0207001	38.776	77.5156		
7	Detention Ponds	95	8.165132349	N/A	N/A	N/A	County	51153	00703	65681	8402		
							Prince						-
2/1/200	Dry Extended	71.149785					William		0207001	38.775	77.5244		
6	Detention Ponds	41	20.85174989	N/A	N/A	N/A	County	51153	00703	55247	1899		
							Prince						-
11/1/19		16.495468					William		0207001	38.777	77.6324		
92	Wet Pond	02	1.787658097	N/A	N/A	N/A	County	51153	00502	50412	4376		
							Prince						-
11/1/19	Dry Extended	1.3189281					William		0207001	38.777	77.6313		
92	Detention Ponds	15	0.02192779	N/A	N/A	N/A	County	51153	00502	50118	2465		
							Prince						-
7/1/200	Dry Extended	10.887853					William		0207001	38.777	77.6018		
2	Detention Ponds	12	3.435866806	N/A	N/A	N/A	County	51153	00504	07903	9616		
							Prince						-
11/1/19		22.972380					William		0207001	38.775	77.6343		
92	Wet Pond	71	1.862811504	N/A	N/A	N/A	County	51153	00502	91812	4961		
							Prince						-
2/1/200		70.907657					William		0207001	38.774	77.5527		
6	Wet Pond	21	10.08889837	N/A	N/A	N/A	County	51153	00504	74949	4224		
							Prince						-
1/1/200	Hydrodynamic	0.4801377					William		0207001	38.774	77.5012		
1	Structures	84	0.393761157	N/A	N/A	N/A	County	51153	00703	50548	3022		
							Prince						-
11/1/19	Dry Extended	11.290778					William		0207001	38.774	77.6343		
92	Detention Ponds	48	0.48911409	N/A	N/A	N/A	County	51153	00502	93165	7804		
							Prince						-
11/1/19	Dry Extended	4.2723810					William		0207001	38.774	77.6316		
92	Detention Ponds	79	0.203854204	N/A	N/A	N/A	County	51153	00502	69496	3976		
							Prince						-
8/1/200		0.9085414					William		0207001	38.773	77.4980		
1	Infiltration Trench	26	0.667447768	N/A	N/A	N/A	County	51153	00703	45266	1496		
							Prince						-
10/1/19	Dry Extended	22.342032					William		0207001	38.773	77.6025		
99	Detention Ponds	48	6.541757902	N/A	N/A	N/A	County	51153	00504	1018	2068		
							Prince						-
8/1/200		0.3649194					William		0207001	38.772	77.4984		
1	Infiltration Trench	61	0.349585354	N/A	N/A	N/A	County	51153	00703	99722	7699		

11/1/19	Dry Extended	1.2321995					Prince				-
92	Detention Ponds	65	0.036009457	N/A	N/A	N/A	William	51153	0207001	38.773	77.6333
							County		00502	73929	0064
							Prince				-
11/1/19	Dry Extended	4.8649452					William		0207001	38.773	77.6374
92	Detention Ponds	62	0.051110473	N/A	N/A	N/A	County	51153	00502	32479	759
							Prince				-
3/1/200	Dry Extended	1.3383798					William		0207001	38.771	77.4983
4	Detention Ponds	09	1.065047017	N/A	N/A	N/A	County	51153	00703	91226	459
							Prince				-
11/1/19	Dry Extended	4.5184093					William		0207001	38.772	77.6335
92	Detention Ponds	04	0.14831067	N/A	N/A	N/A	County	51153	00502	62747	8504
							Prince				-
3/1/200	Dry Extended	3.6282156					William		0207001	38.771	77.4986
4	Detention Ponds	14	2.73358258	N/A	N/A	N/A	County	51153	00703	15574	3069
							Prince				-
7/1/200	Dry Extended	14.114110					William		0207001	38.771	77.5950
0	Detention Ponds	72	4.884761018	N/A	N/A	N/A	County	51153	00504	36765	0678
							Prince				-
7/1/200	Dry Extended	6.1531819					William		0207001	38.769	77.4872
1	Detention Ponds	96	0.534359888	N/A	N/A	N/A	County	51153	00703	94436	7466
							Prince				-
10/1/19	Dry Extended	92.613150					William		0207001	38.769	77.5996
99	Detention Ponds	33	30.48173681	N/A	N/A	N/A	County	51153	00504	9884	6068
							Prince				-
4/1/200	Dry Extended	21.883264					William		0207001	38.769	77.5595
6	Detention Ponds	52	6.042507356	N/A	N/A	N/A	County	51153	00504	53236	3154
							Prince				-
5/1/200	Dry Extended	2.3556109					William		0207001	38.767	77.5566
3	Detention Ponds	89	1.672615634	N/A	N/A	N/A	County	51153	00504	57468	5223
							Prince				-
12/1/20	Dry Extended	9.9133565					William		0207001	38.767	77.5233
01	Detention Ponds	32	2.020971125	N/A	N/A	N/A	County	51153	00504	03104	3619
							Prince				-
5/1/200	Dry Extended	0.0422381					William		0207001	38.767	77.5578
0	Detention Ponds	47	0	N/A	N/A	N/A	County	51153	00504	61133	4739
							Prince				-
10/1/19	Dry Extended	50.542420					William		0207001	38.766	77.5054
91	Detention Ponds	26	27.02974849	N/A	N/A	N/A	County	51153	00703	97288	2711
							Prince				-
11/1/19	Dry Extended	5.0519441					William		0207001	38.767	77.5844
99	Detention Ponds	08	1.729832231	N/A	N/A	N/A	County	51153	00504	32391	5085
							Prince				-
10/1/19	Dry Extended	8.6404625					William		0207001	38.765	77.4991
91	Detention Ponds	55	3.785128389	N/A	N/A	N/A	County	51153	00703	90042	4496

8/1/2002	Bioretention, soils unknown	2.826129437	1.074770307	N/A	N/A	N/A	Prince William County Prince	51153	020700100504	38.76646966	77.59277182	-
10/1/1991	Dry Extended Detention Ponds	4.625005425	2.310501174	N/A	N/A	N/A	William County Prince	51153	020700100703	38.765226	77.50359788	-
2/1/2002	Bioretention, soils unknown	0.948395921	0.484394649	N/A	N/A	N/A	William County Prince	51153	020700100504	38.76590397	77.59227201	-
9/1/1997	Infiltration Trench	0.381386011	0.2295574	N/A	N/A	N/A	William County Prince	51153	020700100504	38.76529339	77.52156478	-
12/1/1999	Bioretention, soils unknown	0.405485906	0.21402837	N/A	N/A	N/A	William County Prince	51153	020700100504	38.76570537	77.59188224	-
9/1/1997	Infiltration Trench	1.062326422	0.580052185	N/A	N/A	N/A	William County Prince	51153	020700100504	38.76487086	77.5220779	-
2/1/2002	Bioretention, soils unknown	3.02983068	1.106355344	N/A	N/A	N/A	William County Prince	51153	020700100504	38.76510336	77.59265707	-
2/1/2002	Bioretention, soils unknown	0.555012642	0.22107516	N/A	N/A	N/A	William County Prince	51153	020700100504	38.76469064	77.59299611	-
2/1/2002	Bioretention, soils unknown	0.322272543	0.076090344	N/A	N/A	N/A	William County Prince	51153	020700100504	38.76448714	77.59321474	-
8/1/2002	Infiltration Trench	5.009121058	2.738882075	N/A	N/A	N/A	William County Prince	51153	020700100703	38.76354137	77.50199294	-
12/1/1999	Bioretention, soils unknown	1.118984588	0.421424601	N/A	N/A	N/A	William County Prince	51153	020700100504	38.76417575	77.59110352	-
7/1/2000	Bioretention, soils unknown	0.076892604	0.002229704	N/A	N/A	N/A	William County Prince	51153	020700100504	38.76330917	77.51866118	-
4/1/1998	Dry Extended Detention Ponds	21.85040014	7.104347583	N/A	N/A	N/A	William County Prince	51153	020700100504	38.76304584	77.58188284	-
12/1/1999	Bioretention, soils unknown	1.549666978	0.644359129	N/A	N/A	N/A	William County Prince	51153	020700100504	38.76321343	77.59171805	-
8/1/2002	Dry Extended Detention Ponds	15.26362335	6.965357341	N/A	N/A	N/A	William County Prince	51153	020700100504	38.76265471	77.59790842	-

12/1/19	Bioretention, soils unknown	14.896347	6.120653614	N/A	N/A	N/A	Prince William County	51153	0207001	38.762	77.5921
99		5					Prince		00504	16276	1979
12/1/20	Dry Extended Detention Ponds	12.255714	4.035530058	N/A	N/A	N/A	County	51153	0207001	38.762	77.5837
00		53					Prince		00504	21168	7836
7/1/200	Infiltration Trench	3.6497226	2.018783483	N/A	N/A	N/A	County	51153	0207001	38.761	77.5892
0		36					Prince		00504	71622	3398
6/1/199	Bioretention, soils unknown	1.2341926	0.369841061	N/A	N/A	N/A	County	51153	0207001	38.761	77.5945
8		37					Prince		00504	96007	5074
8/1/200	Dry Extended Detention Ponds	13.752942	5.627074541	N/A	N/A	N/A	County	51153	0207001	38.760	77.5977
2		48					Prince		00504	87416	5487
12/1/19	Bioretention, soils unknown	0.0506274	0	N/A	N/A	N/A	County	51153	0207001	38.761	77.5916
99		19					Prince		00504	10268	6484
12/1/19	Bioretention, soils unknown	7.8972679	2.882593126	N/A	N/A	N/A	County	51153	0207001	38.760	77.5915
99		28					Prince		00504	77429	1135
11/1/19	Bioretention, soils unknown	0.3776969	0.08138538	N/A	N/A	N/A	County	51153	0207001	38.759	77.5914
97		34					Prince		00504	79369	6764
4/1/199	Dry Extended Detention Ponds	51.414251	11.40780194	N/A	N/A	N/A	County	51153	0207001	38.759	77.5895
8		71					Prince		00504	61552	3499
11/1/19	Bioretention, soils unknown	1.2122345	0.504174642	N/A	N/A	N/A	County	51153	0207001	38.759	77.5908
97		12					Prince		00504	37107	3932
12/1/19	Bioretention, soils unknown	16.637155	6.107535956	N/A	N/A	N/A	County	51153	0207001	38.758	77.5903
99		86					Prince		00504	70308	886
12/1/20	Dry Extended Detention Ponds	20.929095	8.273532944	N/A	N/A	N/A	County	51153	0207001	38.758	77.5842
00		65					Prince		00504	77708	7033
3/1/200	Bioretention, soils unknown	16.606261	5.85169406	N/A	N/A	N/A	County	51153	0207001	38.758	77.5959
2		35					Prince		00504	17684	3847
3/1/200	Dry Extended Detention Ponds	15.126214	9.549283468	N/A	N/A	N/A	County	51153	0207001	38.756	77.5461
1		03					Prince		00504	18395	7297
3/1/199	Dry Extended Detention Ponds	10.818376	3.393197001	N/A	N/A	N/A	County	51153	0207001	38.755	77.5860
8		98							00504	8315	8245

11/1/19	Dry Extended	6.4566516					Prince				-
97	Detention Ponds	55	0.815214386	N/A	N/A	N/A	William	51153	0207001	38.754	77.5650
							County		00504	85586	5236
							Prince				-
7/1/200	Bioretention, soils	2.1729024					William		0207001	38.755	77.5934
2	unknown	2	0.586903208	N/A	N/A	N/A	County	51153	00504	10304	9286
							Prince				-
7/1/200	Bioretention, soils	0.2164934					William		0207001	38.754	77.5936
2	unknown	04	0.025370269	N/A	N/A	N/A	County	51153	00504	82027	399
							Prince				-
3/1/199	Dry Extended	13.543607					William		0207001	38.754	77.5871
8	Detention Ponds	51	3.378134075	N/A	N/A	N/A	County	51153	00504	34534	7995
							Prince				-
10/1/20	Dry Extended	8.0057586					William		0207001	38.754	77.5418
04	Detention Ponds	84	0.41707065	N/A	N/A	N/A	County	51153	00504	05792	3811
							Prince				-
11/1/20	Dry Extended	128.21173					William		0207001	38.750	77.4309
02	Detention Ponds	07	33.59115367	N/A	N/A	N/A	County	51153	00705	91286	1612
							Prince				-
7/1/200		18.449169					William		0207001	38.751	77.5481
4	Wet Pond	66	12.14406405	N/A	N/A	N/A	County	51153	00504	94308	2349
							Prince				-
8/1/200	Dry Extended	8.8279963					William		0207001	38.750	77.4474
2	Detention Ponds	84	2.994206716	N/A	N/A	N/A	County	51153	00705	37903	3337
							Prince				-
12/1/20		14.674768					William		0207001	38.749	77.5468
04	Wet Pond	7	9.166906335	N/A	N/A	N/A	County	51153	00504	51631	6647
							Prince				-
11/1/19	Dry Extended	28.032946					William		0207001	38.748	77.5578
99	Detention Ponds	84	10.00689479	N/A	N/A	N/A	County	51153	00504	74883	7053
							Prince				-
11/1/20	Dry Extended	60.794046					William		0207001	38.747	77.5513
04	Detention Ponds	61	23.47525343	N/A	N/A	N/A	County	51153	00504	11326	2014
							Prince				-
3/1/199	Dry Extended	333.98610					William		0207001	38.745	77.4437
2	Detention Ponds	71	37.60748782	N/A	N/A	N/A	County	51153	00705	54083	2394
							Prince				-
4/1/200	Dry Extended	31.880907					William		0207001	38.745	77.5562
4	Detention Ponds	77	12.51471852	N/A	N/A	N/A	County	51153	00504	51849	2503
							Prince				-
7/1/199	Dry Extended	2.9948637					William		0207001	38.744	77.4217
7	Detention Ponds	05	0.096194082	N/A	N/A	N/A	County	51153	00705	09065	064
							Prince				-
7/1/199	Dry Extended	2.5695161					William		0207001	38.744	77.4259
7	Detention Ponds	91	0.096745363	N/A	N/A	N/A	County	51153	00705	03862	5849

7/1/1997	Dry Extended Detention Ponds	7.043169761	0.757194781	N/A	N/A	N/A	Prince William County	51153	020700100705	38.7437586	77.42200931	-
12/1/2000	Dry Extended Detention Ponds	65.00952604	6.633053285	N/A	N/A	N/A	Prince William County	51153	020700100705	38.73882014	77.41286406	-
12/1/2000	Dry Extended Detention Ponds	43.70150917	3.745452409	N/A	N/A	N/A	Prince William County	51153	020700100705	38.73859305	77.41177412	-
5/1/2006	Filtering Practices	0.388088579	0.362575975	N/A	N/A	N/A	Prince William County	51153	020700100504	38.73908	77.52649454	-
6/1/1998	Hydrodynamic Structures	2.631764596	2.004607606	N/A	N/A	N/A	Prince William County	51153	020700100504	38.73907814	77.52694233	-
9/1/2001	Infiltration Trench	2.274115905	1.385995566	N/A	N/A	N/A	Prince William County	51153	020700100504	38.73850416	77.5282185	-
12/1/2003	Dry Extended Detention Ponds	59.90855093	11.58325503	N/A	N/A	N/A	Prince William County	51153	020700100801	38.73683316	77.45231278	-
12/1/1992	Dry Extended Detention Ponds	54.12680496	4.378823946	N/A	N/A	N/A	Prince William County	51153	020700100705	38.73649159	77.414806	-
7/1/2005	Dry Extended Detention Ponds	0.122109485	0.005993994	N/A	N/A	N/A	Prince William County	51153	020700100705	38.73609976	77.40460499	-
10/1/2001	Dry Extended Detention Ponds	5.663631831	0.49501831	N/A	N/A	N/A	Prince William County	51153	020700100801	38.73482254	77.39033688	-
3/1/2005	Wet Pond	19.06762218	7.317148399	N/A	N/A	N/A	Prince William County	51153	020700100504	38.73581419	77.5567373	-
11/1/2001	Dry Extended Detention Ponds	54.41625846	12.63499002	N/A	N/A	N/A	Prince William County	51153	020700100801	38.73449663	77.43990203	-
2/1/2005	Dry Extended Detention Ponds	3.915581068	2.340307681	N/A	N/A	N/A	Prince William County	51153	020700100504	38.73401541	77.52629233	-
10/1/2001	Dry Extended Detention Ponds	3.39534262	0.280847137	N/A	N/A	N/A	Prince William County	51153	020700100801	38.73208753	77.3972499	-
9/1/1996	Dry Extended Detention Ponds	17.6832954	1.413089961	N/A	N/A	N/A	Prince William County	51153	020700100801	38.73254109	77.46015714	-

9/1/199	Dry Extended	21.227400					Prince				-
6	Detention Ponds	59	6.059884257	N/A	N/A	N/A	William	51153	0207001	38.732	77.4617
							County		00801	04475	2057
							Prince				-
8/1/199	Dry Extended	180.43242					William		0207001	38.732	77.5025
7	Detention Ponds	31	9.965085287	N/A	N/A	N/A	County	51153	00504	47469	8363
							Prince				-
1/1/200	Dry Extended	5.3011081					William		0207001	38.731	77.5308
4	Detention Ponds	18	0.480176529	N/A	N/A	N/A	County	51153	00504	76308	845
							Prince				-
1/1/200	Dry Extended	36.122747					William		0207001	38.730	77.4182
2	Detention Ponds	17	8.83279129	N/A	N/A	N/A	County	51153	00801	6233	5625
							Prince				-
2/1/199	Dry Extended						William		0207001	38.730	77.3979
9	Detention Ponds	8.3740649	0.548123535	N/A	N/A	N/A	County	51153	00801	22872	4788
							Prince				-
3/1/199		10.546038					William		0207001	38.730	77.4596
7	Infiltration Trench	51	2.367287628	N/A	N/A	N/A	County	51153	00801	48258	7081
							Prince				-
1/1/200	Dry Extended	55.523776					William		0207001	38.729	77.4222
2	Detention Ponds	33	7.219556673	N/A	N/A	N/A	County	51153	00801	65459	4424
							Prince				-
4/1/200	Dry Extended	13.926078					William		0207001	38.729	77.4182
4	Detention Ponds	97	2.146415022	N/A	N/A	N/A	County	51153	00801	76836	842
							Prince				-
2/1/199		513.87709					William		0207001	38.730	77.4801
7	Wet Pond	58	7.952614623	N/A	N/A	N/A	County	51153	00504	0443	6397
							Prince				-
9/1/200		15.149890					William		0207001	38.729	77.4536
3	Wet Pond	04	3.557811451	N/A	N/A	N/A	County	51153	00801	3233	2277
							Prince				-
7/1/199		4.1152292					William		0207001	38.665	77.2445
7	Infiltration Trench	79	1.810667884	N/A	N/A	N/A	County	51153	00803	1737	2142
							Prince				-
4/1/200	Dry Extended	4.8939777					William		0207001	38.665	77.3332
0	Detention Ponds	08	3.056979591	N/A	N/A	N/A	County	51153	00804	74582	2235
							Prince				-
10/1/19	Dry Extended	1.0617500					William		0207001	38.665	77.3078
97	Detention Ponds	03	0.120628095	N/A	N/A	N/A	County	51153	00802	19115	0344
							Prince				-
1/1/199	Dry Extended	90.069914					William		0207001	38.665	77.3852
4	Detention Ponds	11	27.64981144	N/A	N/A	N/A	County	51153	00804	6185	3995
							Prince				-
10/1/19	Dry Extended	18.306722					William		0207001	38.665	77.4521
94	Detention Ponds	14	1.150483747	N/A	N/A	N/A	County	51153	00801	50678	1719

10/1/19		0.4640064					Prince				-
95	Infiltration Trench	29	0.308022729	N/A	N/A	N/A	William	51153	0207001	38.663	77.2480
							County		00803	1099	8818
							Prince				-
6/1/200		3.8210927					William		0207001	38.663	77.2544
5	Infiltration Trench	35	2.810714625	N/A	N/A	N/A	County	51153	00803	12292	0963
							Prince				-
10/1/19	Dry Extended	33.806665					William		0207001	38.663	77.4426
94	Detention Ponds	71	12.32039447	N/A	N/A	N/A	County	51153	00801	34367	8054
							Prince				-
12/1/19		4.4999054					William		0207001	38.663	77.4265
99	Infiltration Trench	75	0.988493012	N/A	N/A	N/A	County	51153	00801	5718	8908
							Prince				-
7/1/199	Dry Extended	14.075428					William		0207001	38.663	77.4575
4	Detention Ponds	73	1.977472876	N/A	N/A	N/A	County	51153	00801	37414	8772
							Prince				-
3/1/200	Dry Extended	0.0068465					William		0207001	38.661	77.4499
0	Detention Ponds	15	0	N/A	N/A	N/A	County	51153	00801	79068	7936
							Prince				-
12/1/20		0.5883159					William		0207001	38.660	77.2974
03	Infiltration Trench	61	0.407142484	N/A	N/A	N/A	County	51153	00804	92762	7074
							Prince				-
8/1/199		102.92494					William		0207001	38.661	77.4645
5	Wet Pond	39	8.852600855	N/A	N/A	N/A	County	51153	00801	78515	4036
							Prince				-
12/1/19		40.681647					William		0207001	38.660	77.3043
99	Wet Pond	34	18.03967378	N/A	N/A	N/A	County	51153	00802	31282	3858
							Prince				-
6/1/199	Dry Extended	3.3224963					William		0207001	38.661	77.4433
3	Detention Ponds	43	0.300363085	N/A	N/A	N/A	County	51153	00801	03769	0856
							Prince				-
3/1/199	Dry Extended	13.730586					William		0207001	38.657	77.2471
3	Detention Ponds	4	4.07020567	N/A	N/A	N/A	County	51153	00805	7868	5666
							Prince				-
7/1/199	Dry Extended	15.647191					William		0207001	38.660	77.4461
4	Detention Ponds	69	2.117198384	N/A	N/A	N/A	County	51153	00801	84491	8409
							Prince				-
1/1/199	Dry Extended	23.522360					William		0207001	38.658	77.3860
4	Detention Ponds	31	6.574615619	N/A	N/A	N/A	County	51153	00804	47902	1818
							Prince				-
7/1/199	Dry Extended	9.9331845					William		0207001	38.660	77.4574
4	Detention Ponds	97	0.955165262	N/A	N/A	N/A	County	51153	00801	48898	0534
							Prince				-
3/1/199	Dry Extended	18.009883					William		0207001	38.658	77.2482
3	Detention Ponds	21	12.20288466	N/A	N/A	N/A	County	51153	00805	07894	2389

6/1/1993	Dry Extended Detention Ponds	0.368843413	0.092267891	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65910706	77.37404948	-
8/1/2001	Infiltration Trench	4.273965778	2.372830083	N/A	N/A	N/A	Prince William County	51153	020700100801	38.658867	77.43978325	-
1/1/2005	Hydrodynamic Structures	5.204533604	4.594152714	N/A	N/A	N/A	Prince William County	51153	020700100805	38.65728135	77.24968279	-
11/1/2000	Dry Extended Detention Ponds	0.793468928	0.017493282	N/A	N/A	N/A	Prince William County	51153	020700110103	38.65707135	77.42694753	-
11/1/1991	Dry Extended Detention Ponds	6.179057274	1.660005156	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65767414	77.33556659	-
11/1/2001	Bioretention, soils unknown	4.662306332	3.34971261	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65511403	77.28980914	-
11/1/1992	Wet Pond	2.990653026	1.324059077	N/A	N/A	N/A	Prince William County	51153	020700100801	38.65678919	77.44314663	-
11/1/2001	Bioretention, soils unknown	1.060364432	0.483069258	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65522676	77.28849069	-
10/1/1995	Dry Extended Detention Ponds	3.376442125	2.590817248	N/A	N/A	N/A	Prince William County	51153	020700100802	38.65531617	77.31003205	-
11/1/2001	Bioretention, soils unknown	0.001641153	0	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65480095	77.28798287	-
11/1/2001	Bioretention, soils unknown	0.003282306	0.000791223	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65451592	77.28819434	-
11/1/1993	Dry Extended Detention Ponds	52.47542069	13.70464478	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65359058	77.33267059	-
11/1/2001	Bioretention, soils unknown	0.084206137	0.081627435	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65422272	77.28841055	-
11/1/2001	Bioretention, soils unknown	0.003282306	1.42777E-06	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65416938	77.28783242	-
8/1/2002	Dry Extended Detention Ponds	22.43188495	3.418324332	N/A	N/A	N/A	Prince William County	51153	020700110103	38.65485488	77.40094728	-

11/1/20 01	Bioretention, soils unknown	0.1943399 64	0.184848334	N/A	N/A	N/A	Prince William County Prince	51153	0207001 00804	38.653 70766	77.2879 6781	-
11/1/20 01	Bioretention, soils unknown	0.0726053 97	0.071582967	N/A	N/A	N/A	William County Prince	51153	0207001 00804	38.653 92368	77.2886 1871	-
11/1/20 01	Bioretention, soils unknown	0.0280367 1	0.023109594	N/A	N/A	N/A	William County Prince	51153	0207001 00804	38.653 87102	77.2880 371	-
5/1/200 1	Dry Extended Detention Ponds	2.6947221 95	0.625236465	N/A	N/A	N/A	William County Prince	51153	0207001 10103	38.654 63264	77.4078 8587	-
1/1/199 7	Wet Pond	1.9885509 11	0.39240403	N/A	N/A	N/A	William County Prince	51153	0207001 00804	38.652 25699	77.2934 524	-
3/1/199 7	Bioretention, soils unknown	0.1296627 67	0.124470266	N/A	N/A	N/A	William County Prince	51153	0207001 00804	38.653 5203	77.2874 0633	-
11/1/20 01	Bioretention, soils unknown	0.1040794 5	0.096023579	N/A	N/A	N/A	William County Prince	51153	0207001 00804	38.653 64435	77.2888 6562	-
11/1/20 01	Bioretention, soils unknown	0.0458043 49	0.042889703	N/A	N/A	N/A	William County Prince	51153	0207001 00804	38.653 5846	77.2882 6229	-
11/1/20 01	Bioretention, soils unknown	5.9796343 32	3.03571401	N/A	N/A	N/A	William County Prince	51153	0207001 00804	38.653 33967	77.2901 0025	-
11/1/20 01	Bioretention, soils unknown	0.0032765 06	0.001024858	N/A	N/A	N/A	William County Prince	51153	0207001 00804	38.653 36809	77.2890 6116	-
11/1/20 01	Bioretention, soils unknown	0.0059860 74	0.001242238	N/A	N/A	N/A	William County Prince	51153	0207001 00804	38.653 1191	77.2883 9512	-
11/1/20 01	Bioretention, soils unknown	0.0016411 53	0	N/A	N/A	N/A	William County Prince	51153	0207001 00804	38.653 30334	77.2884 8612	-
9/1/199 9	Dry Extended Detention Ponds	69.345567 6	4.578805271	N/A	N/A	N/A	William County Prince	51153	0207001 00801	38.654 35452	77.4602 5331	-
11/1/20 01	Bioretention, soils unknown	0.0049526 82	0	N/A	N/A	N/A	William County Prince	51153	0207001 00804	38.653 0541	77.2887 5751	-
11/1/20 01	Bioretention, soils unknown	0.0483309 73	0.03380822	N/A	N/A	N/A	William County	51153	0207001 00804	38.653 0073	77.2890 5963	-

2/1/200		3.8851915					Prince				-
0	Infiltration Trench	83	0.290885884	N/A	N/A	N/A	William	51153	0207001	38.706	77.4346
							County		00801	76551	7091
							Prince				-
2/1/200		3.2774190					William		0207001	38.706	77.4353
0	Infiltration Trench	34	0.278042126	N/A	N/A	N/A	County	51153	00801	64192	8956
							Prince				-
8/1/200	Dry Extended	158.86566					William		0207001	38.706	77.5268
2	Detention Ponds	3	6.712631994	N/A	N/A	N/A	County	51153	00503	01401	4576
							Prince				-
7/1/199		0.2283656					William		0207001	38.705	77.3089
8	Infiltration Trench	78	0.127252673	N/A	N/A	N/A	County	51153	00802	26293	2551
							Prince				-
6/1/199	Dry Extended	20.712527					William		0207001	38.705	77.4034
4	Detention Ponds	27	1.806236932	N/A	N/A	N/A	County	51153	00801	7295	9597
							Prince				-
9/1/200	Dry Extended	35.111446					William		0207001	38.705	77.4657
1	Detention Ponds	63	3.873816131	N/A	N/A	N/A	County	51153	00801	26786	1598
							Prince				-
8/1/200		135.35638					William		0207001	38.705	77.5333
2	Wet Pond	69	9.229690949	N/A	N/A	N/A	County	51153	00503	89551	7957
							Prince				-
7/1/199		1.2757133					William		0207001	38.704	77.3084
8	Infiltration Trench	72	0.632891967	N/A	N/A	N/A	County	51153	00802	41684	7854
							Prince				-
7/1/199		1.0355989					William		0207001	38.704	77.3102
8	Infiltration Trench	77	0.454343551	N/A	N/A	N/A	County	51153	00802	25005	2702
							Prince				-
3/1/199	Dry Extended	9.2526844					William		0207001	38.704	77.4114
2	Detention Ponds	19	0.646066647	N/A	N/A	N/A	County	51153	00801	93517	99
							Prince				-
8/1/200		30.889681					William		0207001	38.704	77.3987
0	Wet Pond	28	3.627263024	N/A	N/A	N/A	County	51153	00801	03908	0867
							Prince				-
8/1/200		0.4464668					William		0207001	38.704	77.5300
2	Wet Pond	22	0.034565744	N/A	N/A	N/A	County	51153	00503	793	485
							Prince				-
9/1/200	Dry Extended	45.972941					William		0207001	38.704	77.4582
1	Detention Ponds	52	3.564020842	N/A	N/A	N/A	County	51153	00801	02789	0858
							Prince				-
4/1/199		0.7195416					William		0207001	38.703	77.3087
2	Infiltration Trench	15	0.370724049	N/A	N/A	N/A	County	51153	00802	1685	49
							Prince				-
4/1/199	Dry Extended	278.31837					William		0207001	38.701	77.3075
2	Detention Ponds	13	74.80487803	N/A	N/A	N/A	County	51153	00802	95083	7872

3/1/199	Dry Extended	23.166954					Prince						-
2	Detention Ponds	32	2.708663868	N/A	N/A	N/A	William	51153	0207001	38.703	77.4150		
							County		00801	09585	5337		
							Prince						-
4/1/199	Infiltration Trench	0.0165608					William		0207001	38.701	77.3111		
2		24	0	N/A	N/A	N/A	County	51153	00802	6385	8443		
							Prince						-
3/1/200	Dry Extended	139.99695					William		0207001	38.701	77.4411		
2	Detention Ponds	95	16.0100182	N/A	N/A	N/A	County	51153	00801	85356	903		
							Prince						-
5/1/199	Infiltration Trench	0.1536163					William		0207001	38.701	77.3109		
4		99	0.05587844	N/A	N/A	N/A	County	51153	00802	23927	3196		
							Prince						-
3/1/199	Dry Extended	4.5499387					William		0207001	38.701	77.4163		
7	Detention Ponds	02	0.411345096	N/A	N/A	N/A	County	51153	00801	36334	1872		
							Prince						-
11/1/19	Dry Extended	41.802215					William		0207001	38.701	77.3651		
94	Detention Ponds	65	2.399902265	N/A	N/A	N/A	County	51153	00802	19183	8319		
							Prince						-
7/1/199	Dry Extended	13.549371					William		0207001	38.700	77.3257		
8	Detention Ponds	4	4.547067186	N/A	N/A	N/A	County	51153	00802	42057	5891		
							Prince						-
5/1/199	Infiltration Trench	0.3452731					William		0207001	38.700	77.3097		
4		35	0.040247761	N/A	N/A	N/A	County	51153	00802	79904	681		
							Prince						-
12/1/19	Dry Extended	12.788104					William		0207001	38.700	77.3276		
99	Detention Ponds	19	5.791157212	N/A	N/A	N/A	County	51153	00802	6427	7435		
							Prince						-
5/1/199	Infiltration Trench	0.0505463					William		0207001	38.700	77.3115		
4		43	0.009513011	N/A	N/A	N/A	County	51153	00802	39842	7304		
							Prince						-
5/1/199	Infiltration Trench	0.5686386					William		0207001	38.700	77.3095		
4		11	0.263492529	N/A	N/A	N/A	County	51153	00802	12902	4106		
							Prince						-
1/1/200	Dry Extended	46.899792					William		0207001	38.700	77.4068		
2	Detention Ponds	81	6.047510224	N/A	N/A	N/A	County	51153	00801	55304	9661		
							Prince						-
7/1/199	Dry Extended	9.9930326					William		0207001	38.699	77.3223		
8	Detention Ponds	76	3.831759382	N/A	N/A	N/A	County	51153	00802	24037	3694		
							Prince						-
4/1/200	Dry Extended	2.0917178					William		0207001	38.699	77.3194		
0	Detention Ponds	98	1.196150612	N/A	N/A	N/A	County	51153	00802	25434	5924		
							Prince						-
8/1/200	Infiltration Trench	1.5513907					William		0207001	38.698	77.3130		
0		34	0.615796546	N/A	N/A	N/A	County	51153	00802	86929	0899		

12/1/19	Dry Extended	3.5814179					Prince					-
94	Detention Ponds	82	0.598187259	N/A	N/A	N/A	William	51153	0207001	38.699	77.4087	
							County		00801	11403	9369	
							Prince					-
12/1/19	Dry Extended	4.7612286					William		0207001	38.699	77.4102	
94	Detention Ponds	98	0.795748942	N/A	N/A	N/A	County	51153	00801	03085	8744	
							Prince					-
1/1/199	Dry Extended	156.65857					William		0207001	38.697	77.3541	
5	Detention Ponds	51	7.950446306	N/A	N/A	N/A	County	51153	00802	217	015	
							Prince					-
8/1/200		2.6410677					William		0207001	38.697	77.3140	
0	Infiltration Trench	59	0.977521963	N/A	N/A	N/A	County	51153	00802	75006	1254	
							Prince					-
7/1/199		2.1341541					William		0207001	38.699	77.5825	
5	Dry Well	28	0.796245593	N/A	N/A	N/A	County	51153	00606	91354	3772	
							Prince					-
2/1/200	Dry Extended	6.8641329					William		0207001	38.699	77.5431	
0	Detention Ponds	58	0.685045206	N/A	N/A	N/A	County	51153	00503	38868	7938	
							Prince					-
12/1/19		18.441087					William		0207001	38.697	77.4285	
92	Wet Pond	63	1.277689464	N/A	N/A	N/A	County	51153	00801	45556	2561	
							Prince					-
9/1/199	Dry Extended	9.7207024					William		0207001	38.697	77.3226	
6	Detention Ponds	15	3.020654356	N/A	N/A	N/A	County	51153	00802	18167	73	
							Prince					-
7/1/200		1.3451623					William		0207001	38.699	77.5821	
0	Infiltration Trench	55	0.718236738	N/A	N/A	N/A	County	51153	00606	24597	3123	
							Prince					-
4/1/199		0.0447604					William		0207001	38.696	77.2856	
4	Infiltration Trench	52	0.004803286	N/A	N/A	N/A	County	51153	00802	04568	1017	
							Prince					-
10/1/19	Dry Extended	7.1555614					William		0207001	38.697	77.4030	
99	Detention Ponds	16	1.334134359	N/A	N/A	N/A	County	51153	00801	08189	3346	
							Prince					-
4/1/199		0.4147177					William		0207001	38.695	77.2858	
4	Infiltration Trench	08	0.152021881	N/A	N/A	N/A	County	51153	00802	68664	1273	
							Prince					-
11/1/19	Dry Extended	8.5167245					William		0207001	38.695	77.3509	
92	Detention Ponds	67	1.1119486	N/A	N/A	N/A	County	51153	00802	61164	4162	
							Prince					-
10/1/20		164.43425					William		0207001	38.696	77.5144	
05	Wet Pond	59	13.52902625	N/A	N/A	N/A	County	51153	00503	79674	7979	
							Prince					-
1/1/200	Dry Extended	94.479770					William		0207001	38.695	77.3922	
2	Detention Ponds	95	10.14020685	N/A	N/A	N/A	County	51153	00801	83544	2476	

6/1/199	Dry Extended	16.975021					Prince						-
9	Detention Ponds	66	5.882375266	N/A	N/A	N/A	William	51153	0207001	38.694	77.2947		
							County		00802	4954	4902		
							Prince						-
4/1/200		0.0444319					William		0207001	38.697	77.5775		
3	Infiltration Trench	44	0.041502565	N/A	N/A	N/A	County	51153	00606	24721	5259		
							Prince						-
3/1/200	Dry Extended	8.8126433					William		0207001	38.693	77.2990		
1	Detention Ponds	05	3.192954291	N/A	N/A	N/A	County	51153	00802	84514	6883		
							Prince						-
8/1/200	Dry Extended	22.132562					William		0207001	38.694	77.4041		
0	Detention Ponds	34	1.746984426	N/A	N/A	N/A	County	51153	00801	82617	3347		
							Prince						-
11/1/19	Dry Extended	82.975546					William		0207001	38.693	77.3009		
93	Detention Ponds	27	24.68829422	N/A	N/A	N/A	County	51153	00802	70907	815		
							Prince						-
10/1/19	Dry Extended	30.887105					William		0207001	38.694	77.4028		
99	Detention Ponds	06	5.201647553	N/A	N/A	N/A	County	51153	00801	69099	9609		
							Prince						-
11/1/19	Dry Extended	14.426843					William		0207001	38.693	77.3504		
92	Detention Ponds	94	0.492202587	N/A	N/A	N/A	County	51153	00802	10199	938		
							Prince						-
1/1/199	Dry Extended	72.908979					William		0207001	38.692	77.3217		
4	Detention Ponds	07	17.78511524	N/A	N/A	N/A	County	51153	00802	92605	8619		
							Prince						-
11/1/20	Dry Extended	30.291739					William		0207001	38.693	77.4235		
02	Detention Ponds	24	2.947071496	N/A	N/A	N/A	County	51153	00801	09124	6755		
							Prince						-
7/1/200	Dry Extended	24.789353					William		0207001	38.693	77.4026		
1	Detention Ponds	33	3.931499215	N/A	N/A	N/A	County	51153	00801	2554	8087		
							Prince						-
12/1/19	Dry Extended	26.293773					William		0207001	38.693	77.4321		
92	Detention Ponds	91	3.688075483	N/A	N/A	N/A	County	51153	00801	0789	7025		
							Prince						-
11/1/20	Dry Extended	215.98446					William		0207001	38.691	77.3932		
02	Detention Ponds	39	23.94710587	N/A	N/A	N/A	County	51153	00801	92842	4837		
							Prince						-
3/1/200	Dry Extended	107.66902					William		0207001	38.690	77.3717		
0	Detention Ponds	06	11.56920013	N/A	N/A	N/A	County	51153	00801	64321	3273		
							Prince						-
10/1/19	Dry Extended	172.06929					William		0207001	38.692	77.4481		
97	Detention Ponds	62	17.58647188	N/A	N/A	N/A	County	51153	00801	18734	1767		
							Prince						-
11/1/20		57.508666					William		0207001	38.690	77.2763		
00	Wet Pond	24	13.18978468	N/A	N/A	N/A	County	51153	00803	17796	3195		

10/1/20	Dry Extended	6.3139090					Prince						-
02	Detention Ponds	88	0.404614789	N/A	N/A	N/A	William	51153	0207001	38.691	77.4226		
							County		00801	04735	6399		
							Prince						-
8/1/199	Dry Extended	18.637735					William		0207001	38.690	77.4578		
1	Detention Ponds	17	2.423585979	N/A	N/A	N/A	County	51153	00801	51772	0127		
							Prince						-
8/1/199	Dry Extended	9.7873494					William		0207001	38.689	77.4600		
1	Detention Ponds	6	1.281997578	N/A	N/A	N/A	County	51153	00801	58955	1375		
							Prince						-
9/1/199		0.2643317					William		0207001	38.687	77.3163		
7	Infiltration Trench	32	0.196874983	N/A	N/A	N/A	County	51153	00802	8862	0173		
							Prince						-
8/1/200	Dry Extended	15.588528					William		0207001	38.686	77.3067		
1	Detention Ponds	13	4.451024571	N/A	N/A	N/A	County	51153	00802	78278	8991		
							Prince						-
8/1/199	Dry Extended	80.036368					William		0207001	38.686	77.3214		
9	Detention Ponds	26	35.55841792	N/A	N/A	N/A	County	51153	00802	97951	1409		
							Prince						-
9/1/199		0.0868014					William		0207001	38.687	77.3165		
7	Infiltration Trench	09	0.011441594	N/A	N/A	N/A	County	51153	00802	34593	5827		
							Prince						-
5/1/200	Dry Extended	14.978496					William		0207001	38.686	77.3092		
1	Detention Ponds	23	8.342837775	N/A	N/A	N/A	County	51153	00802	86503	3949		
							Prince						-
4/1/200	Dry Extended	10.415949					William		0207001	38.686	77.3109		
3	Detention Ponds	12	7.565111821	N/A	N/A	N/A	County	51153	00802	12785	5153		
							Prince						-
1/1/200	Dry Extended	10.077281					William		0207001	38.687	77.3773		
2	Detention Ponds	97	2.998669175	N/A	N/A	N/A	County	51153	00801	1725	8263		
							Prince						-
3/1/199	Dry Extended	26.284659					William		0207001	38.687	77.4320		
2	Detention Ponds	62	3.041631669	N/A	N/A	N/A	County	51153	00801	0348	6773		
							Prince						-
3/1/199		1.0732759					William		0207001	38.685	77.3133		
7	Infiltration Trench	26	0.662561343	N/A	N/A	N/A	County	51153	00802	46972	6266		
							Prince						-
4/1/200	Dry Extended	40.805154					William		0207001	38.685	77.3954		
2	Detention Ponds	88	6.003911025	N/A	N/A	N/A	County	51153	00801	69153	9467		
							Prince						-
10/1/19	Dry Extended						William		0207001	38.684	77.2957		
99	Detention Ponds	89.682067	36.7642257	N/A	N/A	N/A	County	51153	00802	58231	8828		
							Prince						-
11/1/19	Dry Extended	7.6625400					William		0207001	38.685	77.4070		
92	Detention Ponds	35	1.131156986	N/A	N/A	N/A	County	51153	00801	54617	9497		

4/1/199	Dry Extended	1.7690196					Prince				-
7	Detention Ponds	87	0.937186976	N/A	N/A	N/A	William	51153	0207001	38.684	77.3088
							County		00802	69381	1494
							Prince				-
6/1/200	Dry Extended	71.156777					William		0207001	38.684	77.4046
5	Detention Ponds	59	8.76823268	N/A	N/A	N/A	County	51153	00801	91482	6965
							Prince				-
2/1/200	Dry Extended	0.7673010					William		0207001	38.684	77.4317
3	Detention Ponds	31	0.042910116	N/A	N/A	N/A	County	51153	00801	9115	254
							Prince				-
3/1/199	Dry Extended	21.540689					William		0207001	38.681	77.3062
6	Detention Ponds	14	4.564944543	N/A	N/A	N/A	County	51153	00802	83688	3339
							Prince				-
2/1/200	Dry Extended	87.085886					William		0207001	38.684	77.4318
3	Detention Ponds	48	10.43949493	N/A	N/A	N/A	County	51153	00801	11083	4832
							Prince				-
2/1/199	Dry Extended	56.111228					William		0207001	38.683	77.3912
7	Detention Ponds	4	7.94165882	N/A	N/A	N/A	County	51153	00801	00725	7995
							Prince				-
1/1/200	Dry Extended	1.0953237					William		0207001	38.683	77.3687
2	Detention Ponds	87	0.157015782	N/A	N/A	N/A	County	51153	00801	40381	1656
							Prince				-
8/1/200	Dry Extended	0.6850702					William		0207001	38.682	77.3535
0	Detention Ponds	04	0	N/A	N/A	N/A	County	51153	00802	37077	182
							Prince				-
6/1/200	Dry Extended	1.6942790					William		0207001	38.682	77.3231
6	Detention Ponds	61	1.010883037	N/A	N/A	N/A	County	51153	00802	09663	5672
							Prince				-
7/1/200	Hydrodynamic	1.2965933					William		0207001	38.681	77.3208
0	Structures	23	0.992073169	N/A	N/A	N/A	County	51153	00802	90397	4031
							Prince				-
9/1/199	Dry Extended	9.8073549					William		0207001	38.681	77.4218
5	Detention Ponds	2	3.269376251	N/A	N/A	N/A	County	51153	00801	75214	1169
							Prince				-
12/1/20	Dry Extended	63.848122					William		0207001	38.681	77.3848
02	Detention Ponds	73	6.005738626	N/A	N/A	N/A	County	51153	00801	19422	2542
							Prince				-
2/1/200		3.4810906					William		0207001	38.681	77.3142
3	Infiltration Trench	55	1.110234871	N/A	N/A	N/A	County	51153	00802	00839	1634
							Prince				-
3/1/199	Dry Extended	22.944826					William		0207001	38.679	77.2626
6	Detention Ponds	81	2.150298406	N/A	N/A	N/A	County	51153	00803	8595	7912
							Prince				-
10/1/19	Dry Extended	0.2829817					William		0207001	38.681	77.4348
96	Detention Ponds	65	0.009115805	N/A	N/A	N/A	County	51153	00801	527	4455

6/1/199		3.5999379					Prince				-
4	Infiltration Trench	67	0.825497492	N/A	N/A	N/A	William	51153	0207001	38.680	77.3114
							County		00802	29688	1623
							Prince				-
8/1/200	Dry Extended	74.999476					William		0207001	38.680	77.4148
1	Detention Ponds	24	7.661259911	N/A	N/A	N/A	County	51153	00801	85488	4204
							Prince				-
6/1/200	Dry Extended	2.4573043					William		0207001	38.679	77.3226
6	Detention Ponds	57	1.073891301	N/A	N/A	N/A	County	51153	00802	01723	1964
							Prince				-
6/1/199		0.0032823					William		0207001	38.679	77.3129
4	Infiltration Trench	06	0	N/A	N/A	N/A	County	51153	00802	02447	3762
							Prince				-
12/1/19		249.70433					William		0207001	38.678	77.3346
94	Wet Pond	36	66.85404075	N/A	N/A	N/A	County	51153	00802	28747	1759
							Prince				-
8/1/199	Dry Extended	19.898879					William		0207001	38.679	77.4466
4	Detention Ponds	07	2.70761604	N/A	N/A	N/A	County	51153	00801	21141	9995
							Prince				-
1/1/200	Dry Detention	1.7853741					William		0207001	38.678	77.3554
5	Ponds	45	0.80045851	N/A	N/A	N/A	County	51153	00804	22996	3742
							Prince				-
8/1/200	Dry Extended	97.123030					William		0207001	38.678	77.4109
1	Detention Ponds	58	7.441698395	N/A	N/A	N/A	County	51153	00801	2564	0897
							Prince				-
7/1/199	Dry Extended	9.5796206					William		0207001	38.678	77.4530
4	Detention Ponds	82	1.275505928	N/A	N/A	N/A	County	51153	00801	98048	5724
							Prince				-
4/1/199	Dry Extended	1.8736196					William		0207001	38.677	77.2636
7	Detention Ponds	26	0.049298486	N/A	N/A	N/A	County	51153	00803	25088	8209
							Prince				-
2/1/200		0.6292497					William		0207001	38.678	77.4314
2	Infiltration Trench	04	0.182693347	N/A	N/A	N/A	County	51153	00801	81724	8921
							Prince				-
8/1/200		0.6991738					William		0207001	38.676	77.2620
5	Infiltration Trench	99	0.236726278	N/A	N/A	N/A	County	51153	00803	59903	0882
							Prince				-
11/1/20	Dry Extended	9.3263922					William		0207001	38.676	77.2653
02	Detention Ponds	48	3.460791254	N/A	N/A	N/A	County	51153	00803	84041	5103
							Prince				-
5/1/200	Dry Extended	25.195827					William		0207001	38.676	77.2699
4	Detention Ponds	12	10.35867928	N/A	N/A	N/A	County	51153	00803	44575	2828
							Prince				-
2/1/200		3.8678123					William		0207001	38.678	77.4328
2	Infiltration Trench	6	1.093882858	N/A	N/A	N/A	County	51153	00801	18694	3169

7/1/199		2.4516700					Prince				-
4	Infiltration Trench	87	0.870948727	N/A	N/A	N/A	William	51153	0207001	38.677	77.3126
							County		00802	12628	1325
							Prince				-
4/1/199		3.6370472					William		0207001	38.676	77.2639
7	Infiltration Trench	06	2.959971561	N/A	N/A	N/A	County	51153	00803	28629	6407
							Prince				-
7/1/200	Dry Extended	18.554110					William		0207001	38.677	77.4064
5	Detention Ponds	9	2.407488773	N/A	N/A	N/A	County	51153	00801	27353	0287
							Prince				-
1/1/200		3.2487417					William		0207001	38.676	77.3488
4	Wet Pond	22	1.335168356	N/A	N/A	N/A	County	51153	00804	70532	0987
							Prince				-
2/1/200		16.149812					William		0207001	38.677	77.4327
2	Infiltration Trench	91	3.569466028	N/A	N/A	N/A	County	51153	00801	12876	6954
							Prince				-
12/1/19	Dry Extended	5.2616330					William		0207001	38.676	77.3229
96	Detention Ponds	65	1.946437414	N/A	N/A	N/A	County	51153	00802	12559	0023
							Prince				-
10/1/19	Dry Extended	6.8503117					William		0207001	38.676	77.4076
94	Detention Ponds	87	0.873600014	N/A	N/A	N/A	County	51153	00801	16703	8662
							Prince				-
12/1/19	Dry Extended	34.257009					William		0207001	38.675	77.3237
96	Detention Ponds	19	8.999455694	N/A	N/A	N/A	County	51153	00802	60305	9563
							Prince				-
12/1/19		33.120486					William		0207001	38.674	77.2820
97	Wet Pond	56	12.74011192	N/A	N/A	N/A	County	51153	00802	65322	2373
							Prince				-
9/1/200	Dry Extended	7.7963917					William		0207001	38.674	77.3624
0	Detention Ponds	74	2.027127961	N/A	N/A	N/A	County	51153	00804	01302	4428
							Prince				-
8/1/200	Dry Extended	2.6268466					William		0207001	38.675	77.3970
2	Detention Ponds	03	0.87870056	N/A	N/A	N/A	County	51153	00801	39648	0473
							Prince				-
7/1/200		18.771127					William		0207001	38.674	77.4272
3	Wet Pond	88	3.658210463	N/A	N/A	N/A	County	51153	00801	97638	1053
							Prince				-
11/1/19		0.0032841					William		0207001	38.675	77.5714
92	Wet Pond	36	0	N/A	N/A	N/A	County	51153	00606	86737	5068
							Prince				-
2/1/200	Dry Extended	0.0463788					William		0207001	38.674	77.4349
2	Detention Ponds	91	0.020248765	N/A	N/A	N/A	County	51153	00801	80809	05
							Prince				-
3/1/200	Dry Extended	117.63705					William		0207001	38.673	77.2717
4	Detention Ponds	88	53.48527092	N/A	N/A	N/A	County	51153	00803	73116	8098

4/1/199	Dry Extended	30.417379					Prince						-
5	Detention Ponds	58	12.28285272	N/A	N/A	N/A	William	51153	0207001	38.672	77.2694		
							County		00803	77028	2912		
							Prince						-
2/1/200		3.6719921					William		0207001	38.675	77.4296		
2	Infiltration Trench	48	0.563013563	N/A	N/A	N/A	County	51153	00801	04163	3656		
							Prince						-
2/1/200		2.4235060					William		0207001	38.674	77.4342		
2	Infiltration Trench	82	0.533413102	N/A	N/A	N/A	County	51153	00801	91887	5019		
							Prince						-
7/1/200		52.899964					William		0207001	38.674	77.3577		
3	Wet Pond	61	17.06323878	N/A	N/A	N/A	County	51153	00804	03813	2679		
							Prince						-
8/1/200	Dry Extended	4.3121929					William		0207001	38.674	77.3964		
2	Detention Ponds	21	2.210825571	N/A	N/A	N/A	County	51153	00804	23781	777		
							Prince						-
7/1/200	Dry Extended	18.331179					William		0207001	38.673	77.3414		
0	Detention Ponds	55	7.885209253	N/A	N/A	N/A	County	51153	00804	58648	9757		
							Prince						-
9/1/199		0.0065938					William		0207001	38.673	77.3195		
4	Infiltration Trench	35	0	N/A	N/A	N/A	County	51153	00802	27572	6684		
							Prince						-
5/1/199		3.8317523					William		0207001	38.673	77.3208		
5	Infiltration Trench	23	1.965760768	N/A	N/A	N/A	County	51153	00802	10567	9501		
							Prince						-
10/1/19	Dry Extended	16.505184					William		0207001	38.673	77.4031		
94	Detention Ponds	35	1.27215201	N/A	N/A	N/A	County	51153	00801	40175	484		
							Prince						-
7/1/199	Dry Extended	7.7405604					William		0207001	38.672	77.2575		
7	Detention Ponds	93	3.997894082	N/A	N/A	N/A	County	51153	00803	18662	8268		
							Prince						-
2/1/200		25.333840					William		0207001	38.673	77.4352		
2	Infiltration Trench	56	5.261778359	N/A	N/A	N/A	County	51153	00801	69868	728		
							Prince						-
4/1/200	Dry Extended	7.6775171					William		0207001	38.670	77.3336		
1	Detention Ponds	47	2.139407057	N/A	N/A	N/A	County	51153	00804	14411	7024		
							Prince						-
12/1/20		0.0214091					William		0207001	38.670	77.4274		
00	Wet Pond	69	0	N/A	N/A	N/A	County	51153	00801	5489	6617		
							Prince						-
9/1/199		8.6289628					William		0207001	38.670	77.3218		
4	Infiltration Trench	17	1.842942258	N/A	N/A	N/A	County	51153	00802	96588	6531		
							Prince						-
9/1/200	Hydrodynamic	1.9496334					William		0207001	38.671	77.3959		
4	Structures	63	1.484232729	N/A	N/A	N/A	County	51153	00804	53411	0783		

1/1/199	Dry Extended	44.324699					Prince				-
5	Detention Ponds	06	15.63351927	N/A	N/A	N/A	William	51153	0207001	38.669	77.2620
							County		00803	98059	184
							Prince				-
5/1/200	Dry Extended	9.0402353					William		0207001	38.669	77.2738
2	Detention Ponds	99	3.2438465	N/A	N/A	N/A	County	51153	00805	6978	0978
							Prince				-
9/1/199	Dry Extended	18.961205					William		0207001	38.670	77.4100
5	Detention Ponds	94	2.157929215	N/A	N/A	N/A	County	51153	00801	54538	8562
							Prince				-
3/1/199	Dry Extended	122.17944					William		0207001	38.668	77.2946
2	Detention Ponds	26	36.58266503	N/A	N/A	N/A	County	51153	00802	87598	3148
							Prince				-
5/1/200		1.2370742					William		0207001	38.668	77.2769
2	Wet Pond	19	0.208993039	N/A	N/A	N/A	County	51153	00805	99841	6764
							Prince				-
9/1/200	Underground	1.1294441					William		0207001	38.667	77.2446
0	Sand Filter	1	0.005562947	N/A	N/A	N/A	County	51153	00803	92091	8873
							Prince				-
3/1/199	Dry Extended	8.2321354					William		0207001	38.667	77.2687
5	Detention Ponds	04	2.683216834	N/A	N/A	N/A	County	51153	00805	06835	529
							Prince				-
11/1/19	Dry Extended	76.719438					William		0207001	38.667	77.3177
94	Detention Ponds	87	10.39572946	N/A	N/A	N/A	County	51153	00802	48763	0715
							Prince				-
2/1/200	Dry Extended	0.0090147					William		0207001	38.666	77.2527
4	Detention Ponds	83	0	N/A	N/A	N/A	County	51153	00803	05739	4615
							Prince				-
7/1/199	Dry Extended	431.20440					William		0207001	38.666	77.3120
5	Detention Ponds	94	78.28089708	N/A	N/A	N/A	County	51153	00802	02324	6757
							Prince				-
12/1/19	Dry Extended	3.5684749					William		0207001	38.667	77.4213
99	Detention Ponds	13	0.169229158	N/A	N/A	N/A	County	51153	00801	04929	8346
							Prince				-
12/1/19		0.7640131					William		0207001	38.665	77.2505
97	Infiltration Trench	82	0.657766483	N/A	N/A	N/A	County	51153	00803	75103	449
							Prince				-
4/1/200		3.3122410					William		0207001	38.665	77.2410
2	Wet Pond	63	1.53529603	N/A	N/A	N/A	County	51153	00803	26424	7415
							Prince				-
3/1/200	Dry Extended	5.0415936					William		0207001	38.636	77.3022
5	Detention Ponds	03	2.029194359	N/A	N/A	N/A	County	51153	00804	87215	3955
							Prince				-
2/1/200	Dry Extended	186.33359					William		0207001	38.636	77.3936
4	Detention Ponds	13	18.5942703	N/A	N/A	N/A	County	51153	10103	40575	5081

6/1/199	Dry Extended	5.6906969					Prince				-
5	Detention Ponds	17	2.73255711	N/A	N/A	N/A	William	51153	0207001	38.636	77.3510
							County		00804	69173	1368
							Prince				-
3/1/199	Hydrodynamic	0.0236297					William		0207001	38.635	77.2756
7	Structures	33	0.020081866	N/A	N/A	N/A	County	51153	00804	97876	7407
							Prince				-
9/1/199	Infiltration Trench	16.843872					William		0207001	38.635	77.2964
5		38	13.33234524	N/A	N/A	N/A	County	51153	00804	28891	4121
							Prince				-
9/1/199	Infiltration Trench	3.6492495					William		0207001	38.635	77.2928
5		89	3.117092344	N/A	N/A	N/A	County	51153	00804	19136	0511
							Prince				-
1/1/200	Dry Extended	3.6310378					William		0207001	38.635	77.3018
4	Detention Ponds	79	0.999978901	N/A	N/A	N/A	County	51153	00804	50205	9612
							Prince				-
9/1/199	Dry Extended	14.198998					William		0207001	38.634	77.2965
5	Detention Ponds	64	11.93414926	N/A	N/A	N/A	County	51153	00804	51896	5034
							Prince				-
1/1/200	Dry Extended	0.4662123					William		0207001	38.634	77.3015
4	Detention Ponds	75	0.080881042	N/A	N/A	N/A	County	51153	00804	52076	5892
							Prince				-
2/1/199	Dry Extended	23.501987					William		0207001	38.633	77.2982
6	Detention Ponds	79	9.804853634	N/A	N/A	N/A	County	51153	00804	82418	7451
							Prince				-
2/1/199	Wet Pond	29.480741					William		0207001	38.635	77.4532
2		8	2.639226531	N/A	N/A	N/A	County	51153	10104	37672	947
							Prince				-
6/1/199	Dry Extended	1.9130367					William		0207001	38.633	77.3814
6	Detention Ponds	96	0	N/A	N/A	N/A	County	51153	10103	77719	2192
							Prince				-
7/1/199	Dry Extended	8.1485627					William		0207001	38.631	77.3130
7	Detention Ponds	84	2.355151564	N/A	N/A	N/A	County	51153	00804	17523	7062
							Prince				-
6/1/200	Dry Extended	8.8496419					William		0207001	38.634	77.4402
6	Detention Ponds	98	2.587762429	N/A	N/A	N/A	County	51153	10104	02985	6297
							Prince				-
9/1/200	Dry Extended	1.4793795					William		0207001	38.633	77.4182
0	Detention Ponds	82	0.509187605	N/A	N/A	N/A	County	51153	10103	18958	8918
							Prince				-
9/1/200	Dry Extended	12.306170					William		0207001	38.632	77.4194
0	Detention Ponds	29	4.263493804	N/A	N/A	N/A	County	51153	10103	5906	9381
							Prince				-
7/1/199	Dry Extended	5.5142609					William		0207001	38.632	77.3942
6	Detention Ponds	4	0.74129338	N/A	N/A	N/A	County	51153	10103	23292	285

12/1/19	Dry Extended	22.450395					Prince						-
91	Detention Ponds	54	1.124578715	N/A	N/A	N/A	William	51153	0207001	38.631	77.4046		
							County		10103	47353	7212		
							Prince						-
4/1/199	Dry Extended	0.5009709					William		0207001	38.629	77.3527		
5	Detention Ponds	51	0	N/A	N/A	N/A	County	51153	10103	70632	2176		
							Prince						-
6/1/199	Dry Extended	6.4469747					William		0207001	38.629	77.3319		
6	Detention Ponds	96	1.220987086	N/A	N/A	N/A	County	51153	00804	97756	4754		
							Prince						-
7/1/199	Dry Extended	1.5887553					William		0207001	38.629	77.3470		
4	Detention Ponds	73	0.679490681	N/A	N/A	N/A	County	51153	00804	85936	2728		
							Prince						-
7/1/199	Dry Extended	1.3011919					William		0207001	38.629	77.3479		
4	Detention Ponds	03	0.712168495	N/A	N/A	N/A	County	51153	00804	84699	4016		
							Prince						-
11/1/19	Dry Extended	59.062733					William		0207001	38.628	77.2719		
92	Detention Ponds	68	21.59037757	N/A	N/A	N/A	County	51153	00804	53586	2282		
							Prince						-
7/1/200	Dry Extended	17.936148					William		0207001	38.627	77.2751		
0	Detention Ponds	18	3.607770361	N/A	N/A	N/A	County	51153	00804	36955	8337		
							Prince						-
8/1/199	Dry Extended	23.965667					William		0207001	38.627	77.3304		
3	Detention Ponds	69	5.294045244	N/A	N/A	N/A	County	51153	00804	66416	7046		
							Prince						-
9/1/199	Dry Extended	35.673842					William		0207001	38.627	77.2732		
5	Detention Ponds	07	16.15502236	N/A	N/A	N/A	County	51153	00804	15786	1843		
							Prince						-
6/1/200	Wet Pond	0.4667348					William		0207001	38.627	77.3399		
0		85	0.00155182	N/A	N/A	N/A	County	51153	00804	14402	003		
							Prince						-
4/1/200	Dry Extended	14.997943					William		0207001	38.626	77.3234		
2	Detention Ponds	72	4.693937625	N/A	N/A	N/A	County	51153	00804	98732	5116		
							Prince						-
8/1/199	Dry Extended	9.7453739					William		0207001	38.627	77.3962		
4	Detention Ponds	48	0.957676935	N/A	N/A	N/A	County	51153	10103	13148	5559		
							Prince						-
9/1/200	Dry Extended	13.206613					William		0207001	38.625	77.2523		
0	Detention Ponds	17	9.272415211	N/A	N/A	N/A	County	51153	00805	02323	7914		
							Prince						-
2/1/199	Dry Extended	8.3613058					William		0207001	38.625	77.2713		
5	Detention Ponds	43	1.557007274	N/A	N/A	N/A	County	51153	00804	11753	3771		
							Prince						-
4/1/199	Dry Extended	194.87106					William		0207001	38.625	77.3186		
6	Detention Ponds	13	55.68589184	N/A	N/A	N/A	County	51153	00804	10635	9871		

10/1/2000	Dry Extended Detention Ponds	8.66886047	4.738075445	N/A	N/A	N/A	Prince William County	51153	020700110104	38.6265036	77.43928491	-
8/1/1993	Dry Extended Detention Ponds	7.360010289	1.562827653	N/A	N/A	N/A	Prince William County	51153	020700100804	38.6248136	77.33123325	-
9/1/2002	Dry Extended Detention Ponds	0.741894966	0.536178263	N/A	N/A	N/A	Prince William County	51153	020700100805	38.62386403	77.25509811	-
3/1/1994	Dry Extended Detention Ponds	28.37266301	2.985221049	N/A	N/A	N/A	Prince William County	51153	020700110103	38.62407872	77.39628139	-
11/1/1994	Dry Extended Detention Ponds	28.54322294	10.2560713	N/A	N/A	N/A	Prince William County	51153	020700100804	38.62227505	77.27527982	-
10/1/2002	Dry Extended Detention Ponds	14.23024182	5.675807908	N/A	N/A	N/A	Prince William County	51153	020700100804	38.6217142	77.27814738	-
11/1/2005	Dry Extended Detention Ponds	7.99247294	3.36497999	N/A	N/A	N/A	Prince William County	51153	020700110103	38.6221537	77.33712415	-
6/1/2001	Dry Extended Detention Ponds	7.971344356	0.902794537	N/A	N/A	N/A	Prince William County	51153	020700100804	38.62111676	77.26350874	-
11/1/2005	Dry Extended Detention Ponds	8.836995338	1.568761739	N/A	N/A	N/A	Prince William County	51153	020700110103	38.62068977	77.33683881	-
11/1/1995	Dry Extended Detention Ponds	20.57027247	5.087677963	N/A	N/A	N/A	Prince William County	51153	020700100804	38.61977163	77.32395227	-
10/1/1999	Dry Extended Detention Ponds	15.36191991	4.385461306	N/A	N/A	N/A	Prince William County	51153	020700100804	38.61978675	77.32957455	-
12/1/2001	Dry Extended Detention Ponds	4.866716064	3.331066672	N/A	N/A	N/A	Prince William County	51153	020700100805	38.61844898	77.253119	-
6/1/2001	Dry Extended Detention Ponds	15.93372375	3.382916428	N/A	N/A	N/A	Prince William County	51153	020700100804	38.6185227	77.26527039	-
8/1/2002	Dry Extended Detention Ponds	30.26342633	9.535509947	N/A	N/A	N/A	Prince William County	51153	020700100804	38.61886063	77.32181492	-
3/1/2005	Dry Extended Detention Ponds	41.2615879	13.38297577	N/A	N/A	N/A	Prince William County	51153	020700100804	38.6176148	77.2716252	-

5/1/2006	Dry Extended Detention Ponds	140.6994163	31.51215148	N/A	N/A	N/A	Prince William County	51153	020700110103	38.6175872	77.38385697
6/1/2001	Dry Extended Detention Ponds	9.693165832	1.813236862	N/A	N/A	N/A	Prince William County	51153	020700100804	38.61618502	77.26549098
7/1/2005	Dry Extended Detention Ponds	10.2783866	2.917995525	N/A	N/A	N/A	Prince William County	51153	020700110103	38.61504398	77.32855909
5/1/2006	Dry Extended Detention Ponds	38.48008648	12.95966284	N/A	N/A	N/A	Prince William County	51153	020700110103	38.61576247	77.37745925
11/1/1999	Dry Extended Detention Ponds	65.12650169	18.42686959	N/A	N/A	N/A	Prince William County	51153	020700110103	38.61308709	77.33273138
2/1/2002	Infiltration Trench	0.066886163	0.001058206	N/A	N/A	N/A	Prince William County	51153	020700100804	38.61268585	77.29035158
5/1/2004	Infiltration Trench	0.008081499	0.006416998	N/A	N/A	N/A	Prince William County	51153	020700100804	38.61247479	77.29164969
11/1/1999	Dry Extended Detention Ponds	42.66842313	11.95839051	N/A	N/A	N/A	Prince William County	51153	020700110103	38.6117581	77.31223519
4/1/2002	Dry Extended Detention Ponds	23.92091762	10.84780651	N/A	N/A	N/A	Prince William County	51153	020700100804	38.61172982	77.29554727
12/1/1995	Dry Extended Detention Ponds	19.00696253	4.819580353	N/A	N/A	N/A	Prince William County	51153	020700110103	38.61011388	77.32146583
2/1/1997	Dry Extended Detention Ponds	21.19375452	10.95935747	N/A	N/A	N/A	Prince William County	51153	020700100804	38.60865678	77.29286784
7/1/2004	Wet Pond	5.758024892	2.730906678	N/A	N/A	N/A	Prince William County	51153	020700100804	38.60875212	77.29019115
4/1/2004	Wet Pond	7.510931933	3.031989737	N/A	N/A	N/A	Prince William County	51153	020700110103	38.60891842	77.35579549
4/1/2004	Wet Pond	5.820151404	1.306279681	N/A	N/A	N/A	Prince William County	51153	020700110103	38.60846045	77.35654701
7/1/1999	Dry Extended Detention Ponds	12.69324677	3.091219099	N/A	N/A	N/A	Prince William County	51153	020700100804	38.60644323	77.29071686

8/1/1993	Dry Extended Detention Ponds	49.98625229	11.437693	N/A	N/A	N/A	Prince William County	51153	020700100804	38.60547502	77.28084726
2/1/1992	Dry Extended Detention Ponds	51.34132512	9.772117341	N/A	N/A	N/A	Prince William County	51153	020700100804	38.60471844	77.27739713
7/1/1993	Dry Extended Detention Ponds	33.056504	6.519620994	N/A	N/A	N/A	Prince William County	51153	020700100804	38.60462279	77.28660354
11/1/1999	Dry Extended Detention Ponds	50.25671084	10.86075232	N/A	N/A	N/A	Prince William County	51153	020700100804	38.60358367	77.27274583
6/1/2002	Dry Extended Detention Ponds	18.76169207	3.657413968	N/A	N/A	N/A	Prince William County	51153	020700100804	38.6018386	77.2720995
9/1/2002	Dry Extended Detention Ponds	9.999763147	5.916815179	N/A	N/A	N/A	Prince William County	51153	020700110103	38.60051484	77.30883811
6/1/2002	Dry Extended Detention Ponds	6.184889614	2.360508272	N/A	N/A	N/A	Prince William County	51153	020700100804	38.59930827	77.27127229
6/1/2002	Dry Extended Detention Ponds	5.285573382	0.827625157	N/A	N/A	N/A	Prince William County	51153	020700110103	38.59881724	77.27661214
8/1/2002	Dry Extended Detention Ponds	26.71929443	3.041344241	N/A	N/A	N/A	Prince William County	51153	020700110104	38.59653039	77.34223696
7/1/1997	Dry Extended Detention Ponds	53.45148551	16.43790886	N/A	N/A	N/A	Prince William County	51153	020700110104	38.59218671	77.34406479
5/1/2005	Dry Detention Ponds	0.010456005	0.008622378	N/A	N/A	N/A	Prince William County	51153	020700110103	38.58976185	77.29221744
4/1/1998	Dry Extended Detention Ponds	11.45020686	3.985297093	N/A	N/A	N/A	Prince William County	51153	020700110104	38.5886031	77.34186696
9/1/2002	Infiltration Trench	1.384840188	0.730958522	N/A	N/A	N/A	Prince William County	51153	020700110104	38.58790851	77.30648525
10/1/1999	Dry Extended Detention Ponds	2.253171091	1.32635207	N/A	N/A	N/A	Prince William County	51153	020700110104	38.58561174	77.31811365
4/1/1998	Dry Extended Detention Ponds	41.07025224	16.9162439	N/A	N/A	N/A	Prince William County	51153	020700110104	38.58457928	77.31611564

11/1/19	Dry Extended	35.411852					Prince						-
97	Detention Ponds	01	12.71029762	N/A	N/A	N/A	William	51153	0207001	38.583	77.3096		
							County		10104	56217	6143		
							Prince						-
5/1/199	Urban Infiltration	0.8271542					William		0207001	38.583	77.3081		
7	Practices	48	0.281868294	N/A	N/A	N/A	County	51153	10104	80184	9786		
							Prince						-
8/1/200	Hydrodynamic	0.8481280					William		0207001	38.582	77.3276		
2	Structures	39	0.662942393	N/A	N/A	N/A	County	51153	10104	34161	2613		
							Prince						-
3/1/199	Dry Extended	6.5726181					William		0207001	38.581	77.3237		
6	Detention Ponds	46	4.263181267	N/A	N/A	N/A	County	51153	10104	79185	0814		
							Prince						-
4/1/200	Dry Extended	4.9147837					William		0207001	38.579	77.3135		
3	Detention Ponds	72	2.832157639	N/A	N/A	N/A	County	51153	10104	64851	228		
							Prince						-
11/1/20	Dry Extended	9.6193581					William		0207001	38.581	77.3153		
02	Detention Ponds	95	4.895032741	N/A	N/A	N/A	County	51153	10104	1533	4938		
							Prince						-
11/1/19	Hydrodynamic	7.0076982					William		0207001	38.578	77.3130		
99	Structures	86	4.395697513	N/A	N/A	N/A	County	51153	10104	81386	4268		
							Prince						-
7/1/200	Bioretention, soils	2.4646519					William		0207001	38.578	77.2988		
4	unknown	57	0.849936585	N/A	N/A	N/A	County	51153	10103	2847	4332		
							Prince						-
7/1/200	Bioretention, soils	0.8703845					William		0207001	38.578	77.2992		
4	unknown	33	0.199174184	N/A	N/A	N/A	County	51153	10103	14475	453		
							Prince						-
3/1/200	Dry Extended	1.2820249					William		0207001	38.577	77.2980		
1	Detention Ponds	3	0.735168142	N/A	N/A	N/A	County	51153	10103	94	4598		
							Prince						-
7/1/200	Bioretention, soils	0.4112645					William		0207001	38.577	77.2991		
4	unknown	68	0.05852871	N/A	N/A	N/A	County	51153	10103	81462	5973		
							Prince						-
9/1/200	Dry Extended	0.9238518					William		0207001	38.577	77.2974		
3	Detention Ponds	23	0.304299061	N/A	N/A	N/A	County	51153	10103	63233	8521		
							Prince						-
3/1/200	Dry Extended	12.190926					William		0207001	38.576	77.3104		
2	Detention Ponds	3	5.811117907	N/A	N/A	N/A	County	51153	10104	96937	8107		
							Prince						-
3/1/200	Dry Extended	10.806326					William		0207001	38.576	77.3072		
0	Detention Ponds	36	4.709082243	N/A	N/A	N/A	County	51153	10104	50937	2174		
							Prince						-
4/1/199	Dry Extended	2.8696792					William		0207001	38.573	77.3042		
8	Detention Ponds	9	1.176315796	N/A	N/A	N/A	County	51153	10104	84123	3279		

3/1/2001	Dry Extended Detention Ponds	13.82389987	0.871161	N/A	N/A	N/A	Prince William County	51153	020700110104	38.57269627	77.30703422	-
11/1/2001	Bioretention, soils unknown	0.037968771	0.024836264	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65283959	77.28900506	-
10/1/1996	Hydrodynamic Structures	1.054751041	0.80657073	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65268157	77.31393406	-
5/1/2005	Hydrodynamic Structures	7.183758297	4.172500589	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65226586	77.31035119	-
5/1/2005	Hydrodynamic Structures	6.994348947	5.892708723	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65182203	77.31140739	-
7/1/1997	Dry Extended Detention Ponds	28.15120625	3.207516753	N/A	N/A	N/A	Prince William County	51153	020700110103	38.65204081	77.3988844	-
10/1/1999	Hydrodynamic Structures	14.71693216	10.17100537	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65101694	77.29117745	-
9/1/1993	Dry Extended Detention Ponds	38.91999516	12.61219142	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64978906	77.33362397	-
4/1/2002	Wet Pond	38.76990794	5.010821207	N/A	N/A	N/A	Prince William County	51153	020700110103	38.64983457	77.40831186	-
5/1/1993	Dry Extended Detention Ponds	7.661354302	1.180526482	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64955946	77.33560023	-
7/1/1997	Dry Extended Detention Ponds	9.68095469	0.306275971	N/A	N/A	N/A	Prince William County	51153	020700110103	38.65002861	77.39646441	-
3/1/1997	Dry Extended Detention Ponds	93.61569277	81.22910407	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64626396	77.28995066	-
6/1/2003	Dry Extended Detention Ponds	21.05968453	3.744084782	N/A	N/A	N/A	Prince William County	51153	020700110103	38.64952599	77.41258527	-
12/1/1995	Dry Extended Detention Ponds	4.783846622	4.121901294	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64862753	77.29997564	-
12/1/1994	Dry Extended Detention Ponds	13.10538874	0.91824299	N/A	N/A	N/A	Prince William County	51153	020700100801	38.64973084	77.45223465	-

4/1/2004	Dry Extended Detention Ponds	5.772754529	0.172380711	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64837846	77.30459353
1/1/2001	Dry Extended Detention Ponds	6.613048306	1.029956152	N/A	N/A	N/A	Prince William County	51153	020700110103	38.64861217	77.38864975
12/1/1994	Dry Extended Detention Ponds	96.6284698	10.85901447	N/A	N/A	N/A	Prince William County	51153	020700100801	38.64912268	77.45229942
10/1/2000	Hydrodynamic Structures	1.244592942	1.056790973	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64791645	77.33876905
7/1/1997	Dry Extended Detention Ponds	6.292019506	4.224057826	N/A	N/A	N/A	Prince William County	51153	020700100805	38.64639248	77.26287395
4/1/2004	Dry Extended Detention Ponds	1.948396101	0.320692687	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64705304	77.30456622
3/1/2006	Dry Extended Detention Ponds	11.29741496	2.694495306	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64664796	77.3272126
2/1/2003	Infiltration Trench	0.209023922	0	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64717189	77.36979673
6/1/2001	Dry Extended Detention Ponds	39.82819936	2.789740693	N/A	N/A	N/A	Prince William County	51153	020700110103	38.64676815	77.39258461
5/1/2004	Wet Pond	40.40095204	19.16857628	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64534534	77.33596966
11/1/2002	Wet Pond	19.85756901	4.632691128	N/A	N/A	N/A	Prince William County	51153	020700100805	38.64528133	77.24894345
1/1/2003	Dry Extended Detention Ponds	27.18239277	4.374239325	N/A	N/A	N/A	Prince William County	51153	020700110103	38.64686577	77.39999547
2/1/2003	Infiltration Trench	0.11549848	0.053153783	N/A	N/A	N/A	Prince William County	51153	020700100804	38.6467005	77.36934321
12/1/1992	Dry Extended Detention Ponds	26.40250651	7.529253089	N/A	N/A	N/A	Prince William County	51153	020700100804	38.644712	77.34768854
4/1/2004	Dry Extended Detention Ponds	0.28686708	0.06781644	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64449662	77.30527112

4/1/2004	Dry Extended Detention Ponds	32.24479544	16.95548726	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64221669	77.3034395
8/1/2002	Dry Extended Detention Ponds	11.5211104	3.980533818	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64198729	77.34711208
12/1/1991	Dry Extended Detention Ponds	20.26326168	5.643062986	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64131912	77.35270747
9/1/1996	Infiltration Trench	1.561689127	1.204049713	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64017131	77.29433566
11/1/1995	Dry Extended Detention Ponds	1.564942983	0.219140503	N/A	N/A	N/A	Prince William County	51153	020700110103	38.64050101	77.3899652
6/1/1996	Dry Extended Detention Ponds	21.17202541	7.530775551	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64023774	77.34664359
9/1/1996	Dry Extended Detention Ponds	0.999877058	0.631023447	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63945432	77.28968808
8/1/1996	Infiltration Trench	3.128609479	2.725051869	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63901884	77.2958613
9/1/1996	Infiltration Trench	0.038902292	0.031788026	N/A	N/A	N/A	Prince William County	51153	020700100804	38.6392556	77.29794734
12/1/1997	Infiltration Trench	0.168278516	0.141937822	N/A	N/A	N/A	Prince William County	51153	020700100805	38.63889317	77.26728661
11/1/1992	Dry Extended Detention Ponds	0.013026562	0	N/A	N/A	N/A	Prince William County	51153	020700100801	38.63949631	77.45050307
9/1/1994	Dry Extended Detention Ponds	28.42111244	10.24263501	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63905938	77.33929851
10/1/1995	Dry Extended Detention Ponds	28.46232935	21.20724305	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63822533	77.29604361
2/1/2002	Dry Extended Detention Ponds	19.36164402	7.221131447	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63911593	77.35237272
5/1/1993	Dry Extended Detention Ponds	64.34837798	20.16660039	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63900045	77.3732049

9/1/1996	Dry Extended Detention Ponds	11.03178264	8.216099333	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63816111	77.29038669
8/13/2007	Dry Extended Detention Ponds	125.4174397	23.45461211	N/A	N/A	N/A	Prince William County	51153	020700110103	38.62864052	77.38840479
6/1/2004	Wet Pond	173.8192727	58.22241155	N/A	N/A	N/A	Prince William County	51153	020700100702	38.83574741	77.64684033
3/1/2001	Hydrodynamic Structures	1.047634796	0.798205657	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65080001	77.28908187
9/14/2007	Dry Extended Detention Ponds	55.95685347	12.21965849	N/A	N/A	N/A	Prince William County	51153	020700100702	38.83149916	77.60850987
9/11/2007	Bioretention, soils unknown	5.791609356	1.432625097	N/A	N/A	N/A	Prince William County	51153	020700100504	38.75416721	77.57997446
9/5/2007	Dry Extended Detention Ponds	3.713678053	1.785779957	N/A	N/A	N/A	Prince William County	51153	020700100804	38.6503849	77.2884815
9/11/2007	Dry Extended Detention Ponds	11.86327211	3.249729591	N/A	N/A	N/A	Prince William County	51153	020700100504	38.75190178	77.57622911
10/5/2007	Dry Extended Detention Ponds	49.17820683	25.32333167	N/A	N/A	N/A	Prince William County	51153	020700100504	38.73387177	77.5308693
10/1/1995	Infiltration Trench	1.947921521	1.51037323	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63402478	77.29690366
9/1/1997	Dry Extended Detention Ponds	8.57453693	1.492040496	N/A	N/A	N/A	Prince William County	51153	020700100803	38.67001297	77.26680491
10/1/2000	Dry Extended Detention Ponds	7.636091812	0.932786334	N/A	N/A	N/A	Prince William County	51153	020700100503	38.71388853	77.52965039
10/23/2007	Water Quality Inlet	0.752819674	0.348851282	N/A	N/A	N/A	Prince William County	51153	020700100801	38.7340781	77.43291328
11/20/2007	Dry Extended Detention Ponds	17.23517321	2.385464528	N/A	N/A	N/A	Prince William County	51153	020700100801	38.70909397	77.38480578
3/1/1996	Dry Extended Detention Ponds	28.71833517	4.528059737	N/A	N/A	N/A	Prince William County	51153	020700100705	38.76729476	77.4523027

12/1/20	Hydrodynamic Structures	1.086763083	0.111735744	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78594247	77.55988367	-
10/3/20	Dry Extended Detention Ponds	6.817103418	0.146938323	N/A	N/A	N/A	Prince William County	51153	020700100801	38.66622947	77.40742329	-
4/1/199	Dry Extended Detention Ponds	1.154287288	0.321640404	N/A	N/A	N/A	Prince William County	51153	020700100705	38.79363568	77.45854199	-
2/1/199	Dry Extended Detention Ponds	4.137349725	2.904436034	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76760632	77.5556654	-
10/23/2007	Water Quality Inlet	1.982443354	0.704289756	N/A	N/A	N/A	Prince William County	51153	020700100801	38.73335592	77.43188581	-
6/1/199	Dry Extended Detention Ponds	11.38917782	6.517943657	N/A	N/A	N/A	Prince William County	51153	020700100703	38.7898766	77.53123935	-
3/1/199	Dry Extended Detention Ponds	0.086714873	0.003423097	N/A	N/A	N/A	Prince William County	51153	020700100705	38.76466366	77.45342856	-
5/1/200	Hydrodynamic Structures	17.60495537	4.47514685	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65993296	77.36882536	-
11/1/19	Dry Extended Detention Ponds	49.06608491	5.155696597	N/A	N/A	N/A	Prince William County	51153	020700100801	38.68181738	77.37472906	-
10/1/19	Hydrodynamic Structures	2.689108561	2.184367978	N/A	N/A	N/A	Prince William County	51153	020700100703	38.78274032	77.51241464	-
2/1/199	Dry Extended Detention Ponds	16.3780182	6.139308653	N/A	N/A	N/A	Prince William County	51153	020700100803	38.66973665	77.26769387	-
10/3/20	Dry Extended Detention Ponds	8.086577999	1.484223533	N/A	N/A	N/A	Prince William County	51153	020700100801	38.66430565	77.40749725	-
10/2/20	Dry Extended Detention Ponds	58.06508948	16.74231904	N/A	N/A	N/A	Prince William County	51153	020700110103	38.62620565	77.38479331	-
12/1/20	Hydrodynamic Structures	0.071068994	0.071068994	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78599577	77.55746672	-
1/10/20	Dry Extended Detention Ponds	13.15418362	10.40767799	N/A	N/A	N/A	Prince William County	51153	020700100504	38.7272095	77.50606683	-

8/1/2006	Dry Extended Detention Ponds	2.084971184	0.279446895	N/A	N/A	N/A	Prince William County	51153	020700100504	38.72668383	77.50216923	-
12/12/2007	Dry Extended Detention Ponds	19.77650424	2.349993201	N/A	N/A	N/A	Prince William County	51153	020700100801	38.6944027	77.42888556	-
4/1/2002	Dry Extended Detention Ponds	4.152694453	2.514518766	N/A	N/A	N/A	Prince William County	51153	020700100804	38.61294243	77.29643658	-
4/1/2007	Dry Extended Detention Ponds	8.664285945	6.654383676	N/A	N/A	N/A	Prince William County	51153	020700100504	38.72597946	77.50242742	-
1/11/2008	Dry Extended Detention Ponds	14.51392574	3.693178967	N/A	N/A	N/A	Prince William County	51153	020700100504	38.72780388	77.47744299	-
1/11/2008	Dry Extended Detention Ponds	6.173887327	2.499704937	N/A	N/A	N/A	Prince William County	51153	020700100504	38.72820072	77.47364638	-
12/14/2007	Hydrodynamic Structures	1.030991817	0.740572667	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64861912	77.31264249	-
1/1/2005	Wet Pond	203.5546376	45.90451793	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76029885	77.56475649	-
1/2/2008	Wet Pond	463.7332561	100.1693378	N/A	N/A	N/A	Prince William County	51153	020700100504	38.75998244	77.5550076	-
12/3/2007	Hydrodynamic Structures	2.758930254	1.836531963	N/A	N/A	N/A	Prince William County	51153	020700100502	38.79273787	77.62319452	-
12/3/2007	Dry Extended Detention Ponds	3.491523361	1.057798613	N/A	N/A	N/A	Prince William County	51153	020700100502	38.79261112	77.62315682	-
1/25/2008	Hydrodynamic Structures	1.69669875	1.533390306	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64618526	77.2955376	-
2/25/2008	Dry Extended Detention Ponds	61.38647042	20.49383098	N/A	N/A	N/A	Prince William County	51153	020700100702	38.84012052	77.65415429	-
1/17/2008	Dry Extended Detention Ponds	28.85400848	3.71522803	N/A	N/A	N/A	Prince William County	51153	020700100801	38.68928076	77.4338611	-
1/25/2008	Infiltration Trench	1.300628418	0.943088881	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76263725	77.50698509	-

1/25/20		12.406950					Prince				-
08	Infiltration Trench	59	3.905790372	N/A	N/A	N/A	William	51153	0207001	38.762	77.5081
							County		00504	87191	0702
							Prince				-
3/3/200		12.167604					William		0207001	38.720	77.4880
8	Wet Pond	53	4.823109673	N/A	N/A	N/A	County	51153	00504	93739	6277
							Prince				-
6/1/200	Dry Extended	28.029894					William		0207001	38.571	77.3102
5	Detention Ponds	67	8.407622835	N/A	N/A	N/A	County	51153	10104	20601	7039
							Prince				-
6/1/200	Dry Extended	25.019155					William		0207001	38.567	77.3090
5	Detention Ponds	81	4.275539019	N/A	N/A	N/A	County	51153	10104	61432	1132
							Prince				-
10/1/20	Dry Extended	13.338680					William		0207001	38.563	77.3052
04	Detention Ponds	27	3.565049033	N/A	N/A	N/A	County	51153	10104	91055	2686
							Prince				-
10/1/19		1.1289315					William		0207001	38.549	77.3490
96	Wet Pond	11	0.055862477	N/A	N/A	N/A	County	51153	10104	43843	5075
							Prince				-
10/1/19		23.553818					William		0207001	38.549	77.3499
96	Wet Pond	63	1.458566784	N/A	N/A	N/A	County	51153	10104	07911	8244
							Prince				-
10/1/19		8.6992352					William		0207001	38.548	77.3493
96	Wet Pond	37	0.01217928	N/A	N/A	N/A	County	51153	10104	41367	5353
							Prince				-
10/1/19		10.306952					William		0207001	38.546	77.3538
96	Wet Pond	29	0.869553943	N/A	N/A	N/A	County	51153	10105	45819	6626
							Prince				-
10/1/19		22.005792					William		0207001	38.543	77.3504
96	Wet Pond	76	1.832986734	N/A	N/A	N/A	County	51153	10105	10971	7155
							Prince				-
10/1/19		11.265517					William		0207001	38.542	77.3534
96	Wet Pond	08	0.342339524	N/A	N/A	N/A	County	51153	10105	60843	9451
							Prince				-
10/1/19		9.7702519					William		0207001	38.540	77.3531
96	Wet Pond	17	0.224674255	N/A	N/A	N/A	County	51153	10105	29294	5018
							Prince				-
8/1/200	Dry Extended	0.6513707					William		0207001	38.652	77.4428
6	Detention Ponds	11	0.192864853	N/A	N/A	N/A	County	51153	10103	4377	2846
							Prince				-
8/1/200	Dry Extended	0.0770161					William		0207001	38.674	77.4392
6	Detention Ponds	19	0	N/A	N/A	N/A	County	51153	00801	61115	0924
							Prince				-
8/1/200	Dry Extended	0.9411128					William		0207001	38.687	77.4414
6	Detention Ponds	57	0.564974293	N/A	N/A	N/A	County	51153	00801	93124	2006

8/1/2006	Dry Extended Detention Ponds	4.297849444	0.627455069	N/A	N/A	N/A	Prince William County	51153	020700100504	38.72231358	77.49513996	-
8/1/2006	Dry Extended Detention Ponds	20.33632417	1.463018758	N/A	N/A	N/A	Prince William County	51153	020700100504	38.72107931	77.49204045	-
8/1/2006	Dry Extended Detention Ponds	19.32004504	3.726324409	N/A	N/A	N/A	Prince William County	51153	020700100504	38.75535553	77.5276299	-
8/1/2006	Dry Extended Detention Ponds	12.17338099	0.527409341	N/A	N/A	N/A	Prince William County	51153	020700100801	38.71500258	77.47014755	-
8/1/2006	Dry Extended Detention Ponds	14.20362602	2.157236529	N/A	N/A	N/A	Prince William County	51153	020700100504	38.75007181	77.5250467	-
8/1/2006	Dry Extended Detention Ponds	75.35798653	2.74967752	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78094103	77.54505808	-
8/1/2006	Dry Extended Detention Ponds	36.75400016	2.904426534	N/A	N/A	N/A	Prince William County	51153	020700100504	38.7836818	77.54824316	-
8/1/2006	Dry Extended Detention Ponds	2.022024525	0.678262626	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78037244	77.54571814	-
8/1/2006	Dry Extended Detention Ponds	0.434831653	0.089615083	N/A	N/A	N/A	Prince William County	51153	020700100504	38.77228715	77.53947917	-
8/1/2006	Dry Extended Detention Ponds	23.11872129	2.901744977	N/A	N/A	N/A	Prince William County	51153	020700100801	38.65802071	77.43569586	-
8/1/2006	Dry Extended Detention Ponds	1.560873791	0.415196851	N/A	N/A	N/A	Prince William County	51153	020700110103	38.6592918	77.42770425	-
8/1/2006	Dry Extended Detention Ponds	0.844229958	0.185906538	N/A	N/A	N/A	Prince William County	51153	020700100804	38.67083332	77.39724158	-
8/1/2006	Dry Extended Detention Ponds	1.245002551	0.002127827	N/A	N/A	N/A	Prince William County	51153	020700100804	38.67414785	77.37451281	-
8/1/2006	Dry Extended Detention Ponds	3.605369409	0.55351913	N/A	N/A	N/A	Prince William County	51153	020700110103	38.61571106	77.31457088	-
8/1/2006	Dry Extended Detention Ponds	0.363635426	0.040983983	N/A	N/A	N/A	Prince William County	51153	020700100801	38.67496456	77.3804196	-

8/1/200	Dry Extended	49.000078					Prince						-
6	Detention Ponds	75	11.72564786	N/A	N/A	N/A	William	51153	0207001	38.609	77.2918		
							County		00804	56239	9412		
							Prince						-
8/1/200	Dry Extended	0.3987982					William		0207001	38.675	77.3789		
6	Detention Ponds	34	0.033383795	N/A	N/A	N/A	County	51153	00801	00621	6004		
							Prince						-
8/1/200	Dry Extended	0.4257123					William		0207001	38.616	77.3282		
6	Detention Ponds	11	0	N/A	N/A	N/A	County	51153	10103	19542	3198		
							Prince						-
8/1/200	Dry Extended	1.2897469					William		0207001	38.668	77.4048		
6	Detention Ponds	9	0.285360004	N/A	N/A	N/A	County	51153	00801	75702	0511		
							Prince						-
8/1/200	Dry Extended	2.1211739					William		0207001	38.667	77.4073		
6	Detention Ponds	95	0.394482534	N/A	N/A	N/A	County	51153	00801	90623	7703		
							Prince						-
8/1/200	Dry Extended	0.6901856					William		0207001	38.557	77.3332		
6	Detention Ponds	22	0.206171863	N/A	N/A	N/A	County	51153	10104	93287	8867		
							Prince						-
8/1/200	Dry Extended	0.0649337					William		0207001	38.576	77.3145		
6	Detention Ponds	05	0.064933705	N/A	N/A	N/A	County	51153	10104	8219	7511		
							Prince						-
8/1/200	Dry Extended	67.982971					William		0207001	38.666	77.4103		
6	Detention Ponds	3	7.189279888	N/A	N/A	N/A	County	51153	00801	89265	4364		
							Prince						-
8/1/200	Dry Extended	20.464182					William		0207001	38.602	77.3417		
6	Detention Ponds	08	8.071177946	N/A	N/A	N/A	County	51153	10104	24034	5285		
							Prince						-
8/1/200	Dry Extended	29.813190					William		0207001	38.597	77.3356		
6	Detention Ponds	34	16.38404852	N/A	N/A	N/A	County	51153	10103	74147	2907		
							Prince						-
8/1/200	Dry Extended	2.2006672					William		0207001	38.661	77.4230		
6	Detention Ponds	38	1.050720803	N/A	N/A	N/A	County	51153	00801	46713	4903		
							Prince						-
8/1/200	Dry Extended	0.3009610					William		0207001	38.681	77.2581		
6	Detention Ponds	54	0.272353785	N/A	N/A	N/A	County	51153	00803	52307	4302		
							Prince						-
5/1/200	Wet Pond	16.964320					William		0207001	38.819	77.5873		
3		42	5.947201476	N/A	N/A	N/A	County	51153	00702	02728	3623		
							Prince						-
5/1/200	Wet Pond	15.932453					William		0207001	38.821	77.5900		
3		36	5.229250968	N/A	N/A	N/A	County	51153	00702	88615	3755		
							Prince						-
1/1/200	Dry Extended	0.7172005					William		0207001	38.552	77.3354		
4	Detention Ponds	98	0.360093697	N/A	N/A	N/A	County	51153	10104	0636	1421		

5/1/200		80.987798					Prince				-
1	Wet Pond	77	22.98725257	N/A	N/A	N/A	William	51153	0207001	38.814	77.5946
							County		00702	82497	7005
							Prince				-
8/1/200	Dry Extended	2.0597008					William		0207001	38.551	77.3366
6	Detention Ponds	67	0.92287541	N/A	N/A	N/A	County	51153	10104	43539	5689
							Prince				-
10/1/19	Dry Extended	20.519822					William		0207001	38.672	77.3273
95	Detention Ponds	52	7.56430027	N/A	N/A	N/A	County	51153	00802	76445	1319
							Prince				-
9/1/200	Underground	4.4499905					William		0207001	38.838	77.6502
6	Sand Filter	12	1.86572439	N/A	N/A	N/A	County	51153	00702	31771	1483
							Prince				-
9/1/200	Dry Extended	8.3806298					William		0207001	38.822	77.6069
6	Detention Ponds	14	0.374942496	N/A	N/A	N/A	County	51153	00702	64331	6127
							Prince				-
9/1/200	Dry Extended	68.497271					William		0207001	38.819	77.6290
6	Detention Ponds	56	15.92248704	N/A	N/A	N/A	County	51153	00702	55176	6733
							Prince				-
6/14/20		0.9858262					William		0207001	38.678	77.2577
07	Infiltration Trench	16	0.708326862	N/A	N/A	N/A	County	51153	00803	41695	4929
							Prince				-
6/25/20	Dry Extended	105.21956					William		0207001	38.696	77.5265
07	Detention Ponds	16	4.28454635	N/A	N/A	N/A	County	51153	00503	18327	432
							Prince				-
1/1/200	Underground	3.5204708					William		0207001	38.588	77.3063
3	Sand Filter	15	2.027715856	N/A	N/A	N/A	County	51153	10103	26835	0901
							Prince				-
6/6/200	Dry Extended	311.24008					William		0207001	38.738	77.5668
7	Detention Ponds	37	35.11659852	N/A	N/A	N/A	County	51153	00504	30406	9405
							Prince				-
6/27/20	Permeable	1.0409699					William		0207001	38.796	77.6134
07	Pavement	51	0.069366368	N/A	N/A	N/A	County	51153	00504	3346	2706
							Prince				-
4/1/199	Dry Extended	18.752836					William		0207001	38.688	77.3146
2	Detention Ponds	6	9.49327983	N/A	N/A	N/A	County	51153	00802	15652	733
							Prince				-
1/1/200		7.0845378					William		0207001	38.589	77.3082
3	Wet Pond	85	0.737464342	N/A	N/A	N/A	County	51153	10103	22449	3191
							Prince				-
6/8/200		4.1687382					William		0207001	38.804	77.5948
7	Wet Pond	33	2.204486	N/A	N/A	N/A	County	51153	00702	68345	4991
							Prince				-
9/1/200	Dry Extended	5.4727513					William		0207001	38.662	77.3186
6	Detention Ponds	32	1.86237707	N/A	N/A	N/A	County	51153	00802	75196	0134

5/31/2007	Dry Extended Detention Ponds	74.56378823	23.67424954	N/A	N/A	N/A	Prince William County	51153	020700100702	38.82584006	77.63725883	-
6/27/2007	Permeable Pavement	0.614698021	0	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79628715	77.6137323	-
11/1/2005	Dry Extended Detention Ponds	0.49244494	0.267016595	N/A	N/A	N/A	Prince William County	51153	020700100802	38.6551715	77.31231112	-
6/5/2007	Dry Extended Detention Ponds	53.60964286	17.00861693	N/A	N/A	N/A	Prince William County	51153	020700100504	38.73864336	77.56305976	-
6/12/2007	Dry Extended Detention Ponds	41.06098781	9.964476439	N/A	N/A	N/A	Prince William County	51153	020700110103	38.62310282	77.38969509	-
6/27/2007	Infiltration Trench	0.092619369	0	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79678167	77.61401854	-
6/27/2007	Infiltration Trench	0.188783761	0.02124647	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79677847	77.61353923	-
11/1/2006	Hydrodynamic Structures	0.0064453	0.0064453	N/A	N/A	N/A	Prince William County	51153	020700100804	38.61231674	77.29273126	-
7/1/2001	Dry Extended Detention Ponds	45.98200229	11.69749469	N/A	N/A	N/A	Prince William County	51153	020700100804	38.61225601	77.26338307	-
10/1/2006	Wet Pond	71.77296236	28.43175181	N/A	N/A	N/A	Prince William County	51153	020700100804	38.61834671	77.28915117	-
11/1/2006	Wet Pond	0.038664162	0.000491962	N/A	N/A	N/A	Prince William County	51153	020700100804	38.61453788	77.2598683	-
1/1/2007	Wet Pond	135.5526704	28.83467176	N/A	N/A	N/A	Prince William County	51153	020700100702	38.82718264	77.61004312	-
10/1/2006	Dry Extended Detention Ponds	16.85905443	6.522387837	N/A	N/A	N/A	Prince William County	51153	020700110104	38.62093369	77.39726147	-
11/12/2006	Hydrodynamic Structures	0.197971133	0.180520563	N/A	N/A	N/A	Prince William County	51153	020700100705	38.77773814	77.45141839	-
7/1/2001	Dry Extended Detention Ponds	1.906443658	1.181287627	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76123542	77.50660124	-

12/1/2006	Dry Extended Detention Ponds	0.012120152	0.001021779	N/A	N/A	N/A	Prince William County	51153	020700100804	38.61125683	77.29673734	-
1/1/2007	Dry Extended Detention Ponds	46.07161288	12.63527606	N/A	N/A	N/A	Prince William County	51153	020700110103	38.61497175	77.37111409	-
12/1/2006	Hydrodynamic Structures	0.033524941	0.033524941	N/A	N/A	N/A	Prince William County	51153	020700100804	38.61296658	77.29312384	-
1/1/2007	Dry Extended Detention Ponds	29.09343212	13.28119307	N/A	N/A	N/A	Prince William County	51153	020700100804	38.60793475	77.25688552	-
11/1/1999	Wet Pond	14.35524752	7.431533746	N/A	N/A	N/A	Prince William County	51153	020700100802	38.67810431	77.33035031	-
1/1/2007	Wet Pond	33.59181916	8.725593221	N/A	N/A	N/A	Prince William County	51153	020700100702	38.82098162	77.60992486	-
12/1/2006	Hydrodynamic Structures	39.03535764	6.581926693	N/A	N/A	N/A	Prince William County	51153	020700100804	38.61296571	77.29304848	-
1/1/2007	Filtering Practices	0.927007675	0.661506923	N/A	N/A	N/A	Prince William County	51153	020700100703	38.77818878	77.51303454	-
1/1/2007	Dry Extended Detention Ponds	17.97093802	6.911581416	N/A	N/A	N/A	Prince William County	51153	020700110103	38.61613377	77.37472039	-
2/1/2007	Wet Pond	429.097438	18.70409638	N/A	N/A	N/A	Prince William County	51153	020700100701	38.87578171	77.64024673	-
5/17/2007	Dry Extended Detention Ponds	1.015753186	0.758111036	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78555288	77.53503464	-
1/1/2001	Dry Extended Detention Ponds	1.265865731	0.896679598	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78308746	77.56374349	-
2/1/2007	Dry Extended Detention Ponds	19.71094743	9.810796276	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76142222	77.50491118	-
2/1/2007	Wet Pond	85.00658821	5.878406806	N/A	N/A	N/A	Prince William County	51153	020700100701	38.87955867	77.63842339	-
5/29/2007	Dry Extended Detention Ponds	4.337381742	2.212867047	N/A	N/A	N/A	Prince William County	51153	020700100504	38.7741652	77.61135435	-

4/1/2007	Infiltration Trench	0.080705731	0.003691059	N/A	N/A	N/A	Prince William County	51153	020700100803	38.6518487	77.23061485
4/1/2007	Dry Extended Detention Ponds	8.830697601	2.672650637	N/A	N/A	N/A	Prince William County	51153	020700100504	38.7726677	77.60559161
2/1/2001	Dry Extended Detention Ponds	2.732664668	1.611078354	N/A	N/A	N/A	Prince William County	51153	020700100804	38.66854341	77.33412458
3/1/2007	Dry Extended Detention Ponds	9.921268608	2.994664923	N/A	N/A	N/A	Prince William County	51153	020700100702	38.8281508	77.63595003
4/1/2007	Dry Extended Detention Ponds	6.234674663	1.877585612	N/A	N/A	N/A	Prince William County	51153	020700100504	38.77929507	77.60846177
2/1/2007	Wet Pond	115.2502535	2.279298324	N/A	N/A	N/A	Prince William County	51153	020700100701	38.88388027	77.63909391
2/1/2007	Wet Pond	0.389537056	0	N/A	N/A	N/A	Prince William County	51153	020700100701	38.87761514	77.6458021
2/1/2001	Dry Extended Detention Ponds	4.481248313	3.7249445	N/A	N/A	N/A	Prince William County	51153	020700100804	38.66771587	77.33503596
8/1/2002	Infiltration Trench	3.038161531	1.537586132	N/A	N/A	N/A	Prince William County	51153	020700100703	38.76460732	77.50357763
5/29/2007	Filtering Practices	2.749945357	2.08201824	N/A	N/A	N/A	Prince William County	51153	020700100804	38.66462562	77.33114308
3/1/2007	Dry Extended Detention Ponds	30.99738705	8.136645635	N/A	N/A	N/A	Prince William County	51153	020700100802	38.66259651	77.31951755
2/1/2007	Wet Pond	128.1830966	13.5113349	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76991713	77.55091
4/1/2007	Dry Extended Detention Ponds	19.92039742	8.607368353	N/A	N/A	N/A	Prince William County	51153	020700100504	38.77561692	77.61241101
2/1/2002	Wet Pond	17.5435544	9.071985701	N/A	N/A	N/A	Prince William County	51153	020700100504	38.75099105	77.54028972
5/14/2007	Wet Pond	349.7146339	66.71829388	N/A	N/A	N/A	Prince William County	51153	020700100504	38.75060458	77.5191247

5/17/2007	Dry Extended Detention Ponds	24.32690521	2.883314396	N/A	N/A	N/A	Prince William County	51153	020700100705	38.74412711	77.42874812	-
3/1/2007	Dry Extended Detention Ponds	8.211371672	3.848198718	N/A	N/A	N/A	Prince William County	51153	020700100702	38.8115234	77.60996525	-
4/1/2007	Dry Extended Detention Ponds	6.671030023	3.881556533	N/A	N/A	N/A	Prince William County	51153	020700100504	38.75192325	77.54076107	-
4/1/2007	Dry Extended Detention Ponds	27.4659629	8.734993351	N/A	N/A	N/A	Prince William County	51153	020700100504	38.77556877	77.61554726	-
4/1/2007	Dry Extended Detention Ponds	6.504222634	3.800325809	N/A	N/A	N/A	Prince William County	51153	020700100504	38.75189527	77.53715895	-
3/1/2007	Dry Extended Detention Ponds	70.81057658	2.500521822	N/A	N/A	N/A	Prince William County	51153	020700100502	38.76304451	77.6597716	-
4/1/2007	Dry Extended Detention Ponds	29.12330708	4.322977857	N/A	N/A	N/A	Prince William County	51153	020700100801	38.68317318	77.41056968	-
5/1/2007	Dry Extended Detention Ponds	14.52127014	4.701690664	N/A	N/A	N/A	Prince William County	51153	020700100502	38.79802848	77.62658211	-
5/22/2007	Hydrodynamic Structures	0.044533551	0.027134389	N/A	N/A	N/A	Prince William County	51153	020700100802	38.68885535	77.34817195	-
4/1/2007	Dry Extended Detention Ponds	27.45473952	11.55128629	N/A	N/A	N/A	Prince William County	51153	020700100805	38.61522622	77.25561374	-
6/4/2007	Hydrodynamic Structures	0.609259704	0.350254544	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79617895	77.61507793	-
5/8/2007	Dry Extended Detention Ponds	23.83915271	3.200598362	N/A	N/A	N/A	Prince William County	51153	020700100801	38.72544528	77.40084265	-
5/17/2007	Dry Extended Detention Ponds	4.822181416	2.023259807	N/A	N/A	N/A	Prince William County	51153	020700100504	38.7828331	77.53639279	-
6/4/2007	Dry Extended Detention Ponds	1.258650102	0.495591073	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79597703	77.61479829	-
7/18/2007	Filtering Practices	1.630655568	0.971382162	N/A	N/A	N/A	Prince William County	51153	020700100703	38.80237303	77.50639907	-

12/1/20	Dry Extended	6.4746069					Prince				-
04	Detention Ponds	75	2.957029538	N/A	N/A	N/A	William	51153	0207001	38.774	77.5298
							County		00504	77134	9875
							Prince				-
7/11/20		115.47140					William		0207001	38.678	77.3794
07	Wet Pond	46	10.32275532	N/A	N/A	N/A	County	51153	00801	44622	3953
							Prince				-
7/20/20		2.7731315					William		0207001	38.792	77.6287
07	Filtering Practices	02	2.435508547	N/A	N/A	N/A	County	51153	00502	5241	3223
							Prince				-
7/20/20	Dry Extended						William		0207001	38.792	77.6286
07	Detention Ponds	0.2038985	0.022829032	N/A	N/A	N/A	County	51153	00502	32381	318
							Prince				-
2/20/20	Dry Extended	26.024775					William		0207001	38.796	77.6292
09	Detention Ponds	32	8.5849906	N/A	N/A	N/A	County	51153	00502	88077	8779
							Prince				-
2/17/20	Dry Extended	10.806053					William		0207001	38.667	77.2712
09	Detention Ponds	63	3.582596406	N/A	N/A	N/A	County	51153	00805	99659	5169
							Prince				-
7/1/200	Dry Extended	1.2702452					William		0207001	38.790	77.6282
5	Detention Ponds	81	0.632434206	N/A	N/A	N/A	County	51153	00502	95331	8856
							Prince				-
7/1/200	Hydrodynamic	0.9266364					William		0207001	38.790	77.6285
5	Structures	24	0.674912677	N/A	N/A	N/A	County	51153	00502	77494	1404
							Prince				-
2/4/200		3.2626169					William		0207001	38.734	77.5435
9	Filtering Practices	57	1.826544324	N/A	N/A	N/A	County	51153	00504	96898	3965
							Prince				-
2/24/20	Dry Extended	22.976576					William		0207001	38.800	77.6441
09	Detention Ponds	37	3.623247823	N/A	N/A	N/A	County	51153	00502	58116	7978
							Prince				-
2/9/200		5.9772925					William		0207001	38.542	77.3183
9	Wet Pond	94	1.984323247	N/A	N/A	N/A	County	51153	10104	21814	7021
							Prince				-
3/4/200	Dry Extended	19.521039					William		0207001	38.785	77.6536
9	Detention Ponds	9	14.22186218	N/A	N/A	N/A	County	51153	00502	17949	7745
							Prince				-
3/3/200	Dry Extended	6.1636670					William		0207001	38.675	77.3750
9	Detention Ponds	46	1.638806134	N/A	N/A	N/A	County	51153	00801	87196	2177
							Prince				-
2/1/200		134.06854					William		0207001	38.666	77.2744
4	Wet Pond	81	18.04785757	N/A	N/A	N/A	County	51153	00805	84042	0061
							Prince				-
1/1/200	Dry Extended	4.6788034					William		0207001	38.769	77.5560
3	Detention Ponds	83	2.921995225	N/A	N/A	N/A	County	51153	00504	99753	7021

9/1/2000	Hydrodynamic Structures	0.788102216	0.659378125	N/A	N/A	N/A	Prince William County	51153	020700100802	38.6587854	77.3022391	-
3/16/2009	Infiltration Trench	0.965600311	0.740228374	N/A	N/A	N/A	Prince William County	51153	020700100705	38.78161318	77.44969417	-
3/18/2009	Dry Extended Detention Ponds	2.982564449	2.120068848	N/A	N/A	N/A	Prince William County	51153	020700100504	38.77025891	77.55309348	-
3/19/2009	Water Quality Inlet	0.060166359	0.049355467	N/A	N/A	N/A	Prince William County	51153	020700100804	38.6399647	77.29803246	-
3/19/2009	Filtering Practices	0.472675213	0.384577743	N/A	N/A	N/A	Prince William County	51153	020700100804	38.6396683	77.29784042	-
3/19/2009	Water Quality Inlet	0.077552544	0.07340656	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63958793	77.29777168	-
3/19/2009	Water Quality Inlet	0.053308994	0.04900664	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63962763	77.29782634	-
3/19/2009	Water Quality Inlet	4.412582894	3.404375318	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63941161	77.29762806	-
3/24/2009	Wet Pond	0.670123235	0.182158036	N/A	N/A	N/A	Prince William County	51153	020700100803	38.65129883	77.24431462	-
3/24/2009	Wet Pond	1.172656193	0.480609128	N/A	N/A	N/A	Prince William County	51153	020700100803	38.6510871	77.24236348	-
3/24/2009	Wet Pond	32.50568308	7.538662545	N/A	N/A	N/A	Prince William County	51153	020700100803	38.65235856	77.24360933	-
3/24/2009	Wet Pond	2.450179494	1.407240535	N/A	N/A	N/A	Prince William County	51153	020700100803	38.65275804	77.24143737	-
6/1/2004	Wet Pond	27.87014866	2.999856227	N/A	N/A	N/A	Prince William County	51153	020700100702	38.84583547	77.60212289	-
6/1/2002	Dry Extended Detention Ponds	21.57640637	11.67258036	N/A	N/A	N/A	Prince William County	51153	020700100703	38.78888141	77.52415294	-
7/1/2000	Wet Pond	49.28627384	21.69722428	N/A	N/A	N/A	Prince William County	51153	020700100703	38.78847899	77.52261896	-

5/1/1993	Dry Extended Detention Ponds	10.25470457	2.701106229	N/A	N/A	N/A	Prince William County	51153	020700100804	38.66924047	77.35041394	-
3/1/2000	Dry Extended Detention Ponds	30.00290498	3.203976949	N/A	N/A	N/A	Prince William County	51153	020700110103	38.63807831	77.39940653	-
4/2/2009	Dry Extended Detention Ponds	25.55293552	2.816127116	N/A	N/A	N/A	Prince William County	51153	020700100801	38.68248158	77.4564073	-
4/2/2009	Dry Extended Detention Ponds	15.69398323	1.468103578	N/A	N/A	N/A	Prince William County	51153	020700100801	38.68438154	77.46080655	-
4/14/2009	Dry Extended Detention Ponds	2.238332254	0.550368979	N/A	N/A	N/A	Prince William County	51153	020700100504	38.75968601	77.58116529	-
4/20/2009	Wet Pond	269.5214033	97.82045515	N/A	N/A	N/A	Prince William County	51153	020700100804	38.67150483	77.35132946	-
4/21/2009	Dry Extended Detention Ponds	57.13564687	22.7697603	N/A	N/A	N/A	Prince William County	51153	020700100703	38.78962934	77.52264639	-
4/15/2010	Water Quality Inlet	3.596686293	0.826231714	N/A	N/A	N/A	Prince William County	51153	020700110104	38.58165056	77.31185908	-
1/25/2008	Infiltration Trench	0.971909175	0.719178072	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76360625	77.5075403	-
11/1/1999	Dry Extended Detention Ponds	8.705910526	3.488850774	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76666294	77.58926977	-
2/1/2003	Wet Pond	46.64873519	11.84598337	N/A	N/A	N/A	Prince William County	51153	020700100502	38.78272749	77.63438054	-
2/26/2008	Dry Extended Detention Ponds	37.01734527	9.58362127	N/A	N/A	N/A	Prince William County	51153	020700110104	38.5843442	77.33547421	-
4/1/2005	Dry Extended Detention Ponds	18.73015457	5.308349385	N/A	N/A	N/A	Prince William County	51153	020700100703	38.79664289	77.57589329	-
5/1/2006	Hydrodynamic Structures	1.299261115	0.635570265	N/A	N/A	N/A	Prince William County	51153	020700110104	38.58686535	77.33415237	-
9/1/2000	Dry Extended Detention Ponds	3.083995593	2.275798929	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64609664	77.28720242	-

2/8/2008	Dry Extended Detention Ponds	63.12413548	3.366522031	N/A	N/A	N/A	Prince William County	51153	020700100502	38.79412056	77.66778199	-
1/25/2008	Hydrodynamic Structures	0.016989382	0.016989382	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64619535	77.29544677	-
1/1/2004	Underground Sand Filter	3.718940824	2.838591813	N/A	N/A	N/A	Prince William County	51153	020700100703	38.77896324	77.51080667	-
2/25/2008	Dry Extended Detention Ponds	73.65797235	8.48456214	N/A	N/A	N/A	Prince William County	51153	020700100702	38.84241236	77.65892253	-
1/25/2008	Infiltration Trench	0.855268942	0.669559648	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76245666	77.50811828	-
5/1/2000	Wet Pond	88.07045708	58.62213661	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64812966	77.30830648	-
7/1/1994	Dry Extended Detention Ponds	1.502812164	0.738406639	N/A	N/A	N/A	Prince William County	51153	020700110103	38.62852104	77.34737063	-
4/10/2008	Hydrodynamic Structures	2.151510101	1.775369732	N/A	N/A	N/A	Prince William County	51153	020700100502	38.79369114	77.62294649	-
4/15/2008	Dry Extended Detention Ponds	18.49529804	6.591977306	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65964039	77.37435056	-
4/17/2008	Dry Extended Detention Ponds	24.21783926	5.150442857	N/A	N/A	N/A	Prince William County	51153	020700100504	38.73453036	77.58196295	-
5/22/2008	Water Quality Inlet	0.121282517	0.055452564	N/A	N/A	N/A	Prince William County	51153	020700100504	38.77408268	77.53005965	-
6/18/2008	Dry Extended Detention Ponds	26.48959218	4.944337976	N/A	N/A	N/A	Prince William County	51153	020700100702	38.83807663	77.61863718	-
6/10/2008	Wet Pond	18.81222053	13.22574962	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65224675	77.28662058	-
5/22/2008	Dry Extended Detention Ponds	2.403843358	1.665096425	N/A	N/A	N/A	Prince William County	51153	020700100504	38.77373086	77.5312756	-
8/6/2008	Dry Extended Detention Ponds	2.454841683	0.38594514	N/A	N/A	N/A	Prince William County	51153	020700100606	38.64954761	77.52051849	-

7/2/2008	Water Quality Inlet	0.007198788	0.000517632	N/A	N/A	N/A	Prince William County Prince	51153	020700100703	38.77054454	77.48953234	-
7/2/2008	Water Quality Inlet	0.042462	0.002349517	N/A	N/A	N/A	William County Prince	51153	020700100703	38.77044716	77.48899929	-
8/5/2008	Dry Extended Detention Ponds	5.646062428	1.412674147	N/A	N/A	N/A	William County Prince	51153	020700100804	38.66708504	77.40037839	-
8/13/2008	Wet Pond	34.43443737	17.53799508	N/A	N/A	N/A	William County Prince	51153	020700100502	38.78377199	77.66302083	-
5/20/2008	Wet Pond	69.72441688	28.81134021	N/A	N/A	N/A	William County Prince	51153	020700100705	38.77777017	77.44398948	-
2/27/2008	Infiltration Trench	20.54715566	1.513986337	N/A	N/A	N/A	William County Prince	51153	020700100606	38.63481787	77.52664766	-
5/1/2004	Urban Infiltration Practices	0.809874694	0.719810193	N/A	N/A	N/A	William County Prince	51153	020700100705	38.79091407	77.44745264	-
7/16/2008	Dry Extended Detention Ponds	27.77819788	14.28590765	N/A	N/A	N/A	William County Prince	51153	020700100702	38.81398598	77.61445024	-
5/22/2008	Water Quality Inlet	0.040565364	0.015892414	N/A	N/A	N/A	William County Prince	51153	020700100504	38.7745873	77.53168385	-
5/22/2008	Water Quality Inlet	1.293414925	1.113027494	N/A	N/A	N/A	William County Prince	51153	020700100504	38.77399304	77.53127456	-
7/7/2008	Wet Pond	20.32489747	10.19429161	N/A	N/A	N/A	William County Prince	51153	020700100804	38.65023492	77.30626119	-
5/22/2008	Water Quality Inlet	0.015773988	0.012760189	N/A	N/A	N/A	William County Prince	51153	020700100504	38.77406207	77.53014443	-
5/13/2008	Hydrodynamic Structures	5.276117904	3.791205446	N/A	N/A	N/A	William County Prince	51153	020700100803	38.65365133	77.23834994	-
6/10/2008	Wet Pond	5.585033465	3.597768287	N/A	N/A	N/A	William County Prince	51153	020700100804	38.65422238	77.28549177	-
7/11/2008	Infiltration Trench	0.09689184	0.035973514	N/A	N/A	N/A	William County	51153	020700100705	38.78966328	77.44900597	-

7/10/2008	Hydrodynamic Structures	0.981664454	0.813644036	N/A	N/A	N/A	Prince William County	51153	020700100703	38.77734506	77.50333854	-
2/27/2008	Infiltration Trench	199.7189887	9.999009959	N/A	N/A	N/A	Prince William County	51153	020700100606	38.63708077	77.532259	-
2/27/2008	Dry Extended Detention Ponds	0.011683455	0	N/A	N/A	N/A	Prince William County	51153	020700100606	38.63751423	77.52530478	-
1/1/1997	Dry Extended Detention Ponds	1.935158755	0.783690563	N/A	N/A	N/A	Prince William County	51153	020700100804	38.67340205	77.38563264	-
6/18/2008	Dry Extended Detention Ponds	38.51408768	9.219163226	N/A	N/A	N/A	Prince William County	51153	020700100702	38.83566448	77.61543459	-
7/2/2008	Water Quality Inlet	0.45104999	0.241706384	N/A	N/A	N/A	Prince William County	51153	020700100703	38.76965692	77.48981771	-
10/1/2006	Bioretention, soils unknown	3.599676623	2.529841049	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79635442	77.6057933	-
7/2/2008	Filtering Practices	0.983880757	0.798914188	N/A	N/A	N/A	Prince William County	51153	020700100703	38.77041636	77.48936403	-
8/12/2008	Wet Pond	2.778700415	1.568173402	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79544416	77.61713267	-
10/1/1999	Infiltration Trench	39.40628344	11.23704577	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65226868	77.28689427	-
7/2/2008	Water Quality Inlet	0.014397576	0.006334358	N/A	N/A	N/A	Prince William County	51153	020700100703	38.77055701	77.48948867	-
6/9/2008	Dry Extended Detention Ponds	27.00108224	1.509898785	N/A	N/A	N/A	Prince William County	51153	020700100702	38.82427816	77.58065631	-
7/2/2008	Water Quality Inlet	0.01301734	0.011528733	N/A	N/A	N/A	Prince William County	51153	020700100703	38.76972176	77.48987888	-
5/22/2008	Water Quality Inlet	0.024091774	0.017949826	N/A	N/A	N/A	Prince William County	51153	020700100504	38.77393355	77.53119456	-
9/4/2008	Dry Extended Detention Ponds	11.93523999	2.446254541	N/A	N/A	N/A	Prince William County	51153	020700100502	38.79232636	77.65489814	-

10/6/2008	Dry Extended Detention Ponds	14.39427345	4.996821917	N/A	N/A	N/A	Prince William County	51153	020700100702	38.83037731	77.63128527	-
9/18/2008	Dry Extended Detention Ponds	38.64094951	14.44885003	N/A	N/A	N/A	Prince William County	51153	020700100702	38.81665411	77.60834276	-
9/23/2008	Dry Extended Detention Ponds	31.70730137	6.656761752	N/A	N/A	N/A	Prince William County	51153	020700100802	38.67327194	77.29838136	-
10/15/2008	Dry Extended Detention Ponds	253.8460336	54.12317538	N/A	N/A	N/A	Prince William County	51153	020700100702	38.83731905	77.65668392	-
10/21/2008	Wet Pond	75.60833694	18.80999471	N/A	N/A	N/A	Prince William County	51153	020700100504	38.73756411	77.55623112	-
6/1/2004	Wet Pond	80.79590878	19.26583554	N/A	N/A	N/A	Prince William County	51153	020700100702	38.83112858	77.64321607	-
9/4/2008	Dry Extended Detention Ponds	10.37077714	2.898240815	N/A	N/A	N/A	Prince William County	51153	020700100502	38.78988126	77.65284944	-
9/9/2008	Wet Pond	7.634208575	1.729390237	N/A	N/A	N/A	Prince William County	51153	020700100705	38.74465925	77.44822253	-
8/25/2008	Dry Extended Detention Ponds	23.11382212	3.597002471	N/A	N/A	N/A	Prince William County	51153	020700100801	38.69920293	77.41939605	-
2/1/1998	Dry Extended Detention Ponds	18.17050652	5.129493785	N/A	N/A	N/A	Prince William County	51153	020700100606	38.68889983	77.57088712	-
8/26/2008	Dry Extended Detention Ponds	11.28496736	3.991278605	N/A	N/A	N/A	Prince William County	51153	020700110103	38.61281104	77.32094487	-
6/1/2004	Wet Pond	32.17450611	5.138155332	N/A	N/A	N/A	Prince William County	51153	020700100702	38.83542985	77.64375733	-
9/2/2008	Bioretention, soils unknown	0.155096509	0.047824007	N/A	N/A	N/A	Prince William County	51153	020700100606	38.69730838	77.58592234	-
10/1/2008	Dry Extended Detention Ponds	8.515013517	1.267748674	N/A	N/A	N/A	Prince William County	51153	020700100802	38.70724576	77.3579838	-
9/23/2008	Dry Extended Detention Ponds	61.41252045	15.18657291	N/A	N/A	N/A	Prince William County	51153	020700100802	38.66790253	77.30312593	-

9/18/2008	Dry Extended Detention Ponds	28.61919941	9.970604422	N/A	N/A	N/A	Prince William County	51153	020700100702	38.81647713	77.61057996	-
9/30/2008	Wet Pond	32.5946722	4.16196928	N/A	N/A	N/A	Prince William County	51153	020700100801	38.69481192	77.37280322	-
9/30/2008	Dry Extended Detention Ponds	13.25133409	1.680987349	N/A	N/A	N/A	Prince William County	51153	020700100801	38.69308668	77.37475532	-
9/2/2008	Bioretention, soils unknown	1.329998515	1.190292931	N/A	N/A	N/A	Prince William County	51153	020700100606	38.69677109	77.58547804	-
10/6/2008	Dry Extended Detention Ponds	36.30755665	11.28707094	N/A	N/A	N/A	Prince William County	51153	020700100702	38.83246185	77.63048662	-
6/1/2006	Dry Extended Detention Ponds	3.072706276	1.727437476	N/A	N/A	N/A	Prince William County	51153	020700100502	38.76998541	77.61601941	-
11/6/2008	Hydrodynamic Structures	0.068589356	0.013147961	N/A	N/A	N/A	Prince William County	51153	020700110103	38.61296978	77.37362668	-
10/23/2008	Dry Extended Detention Ponds	28.98229227	8.906369144	N/A	N/A	N/A	Prince William County	51153	020700100504	38.75472952	77.57108697	-
2/1/2002	Infiltration Trench	0.552981519	0.237528419	N/A	N/A	N/A	Prince William County	51153	020700100504	38.72758058	77.48213945	-
1/29/2009	Water Quality Inlet	0.443472255	0.394457017	N/A	N/A	N/A	Prince William County	51153	020700100703	38.79636923	77.52807192	-
12/19/2008	Water Quality Inlet	0.185469721	0.0663677	N/A	N/A	N/A	Prince William County	51153	020700100703	38.79977359	77.52330283	-
1/29/2009	Water Quality Inlet	0.056736352	0.046343941	N/A	N/A	N/A	Prince William County	51153	020700100703	38.79631508	77.52755008	-
1/29/2009	Dry Extended Detention Ponds	0.725974124	0.250344758	N/A	N/A	N/A	Prince William County	51153	020700100703	38.79562163	77.52738256	-
1/29/2009	Water Quality Inlet	0.17457903	0.171786378	N/A	N/A	N/A	Prince William County	51153	020700100703	38.7961971	77.52776703	-
1/27/2009	Dry Extended Detention Ponds	2.868720311	0.906057261	N/A	N/A	N/A	Prince William County	51153	020700100502	38.79065894	77.65877138	-

1/22/20	Dry Extended	6.3771073					Prince						-
09	Detention Ponds	12	2.350687894	N/A	N/A	N/A	William	51153	0207001	38.764	77.5898		
							County		00504	04186	8323		
							Prince						-
11/21/2		10.681268					William		0207001	38.752	77.5881		
008	Wet Pond	86	2.618475299	N/A	N/A	N/A	County	51153	00504	15293	7857		
							Prince						-
1/29/20	Water Quality	0.5013281					William		0207001	38.795	77.5279		
09	Inlet	2	0.232001208	N/A	N/A	N/A	County	51153	00703	55443	6149		
							Prince						-
12/15/2	Dry Extended	10.802488					William		0207001	38.728	77.5290		
008	Detention Ponds	01	5.778810576	N/A	N/A	N/A	County	51153	00504	77603	1158		
							Prince						-
7/1/200	Hydrodynamic	0.1013518					William		0207001	38.800	77.5236		
0	Structures	97	0.039605143	N/A	N/A	N/A	County	51153	00703	09783	58		
							Prince						-
12/19/2	Water Quality	3.1936383					William		0207001	38.799	77.5232		
008	Inlet	21	2.298609103	N/A	N/A	N/A	County	51153	00703	62983	3372		
							Prince						-
12/15/2	Dry Extended	1.6022999					William		0207001	38.729	77.5303		
008	Detention Ponds	53	0.810876004	N/A	N/A	N/A	County	51153	00504	48491	7937		
							Prince						-
1/29/20	Water Quality	0.1323354					William		0207001	38.796	77.5277		
09	Inlet	46	0.09669829	N/A	N/A	N/A	County	51153	00703	25573	904		
							Prince						-
11/18/2	Dry Extended	23.859902					William		0207001	38.795	77.5464		
008	Detention Ponds	38	11.97523286	N/A	N/A	N/A	County	51153	00703	30621	8418		
							Prince						-
12/1/19	Dry Extended	50.206119					William		0207001	38.740	77.4223		
92	Detention Ponds	3	6.057997917	N/A	N/A	N/A	County	51153	00705	38431	549		
							Prince						-
1/29/20	Water Quality	0.1394401					William		0207001	38.795	77.5277		
09	Inlet	4	0.07998214	N/A	N/A	N/A	County	51153	00703	56019	2629		
							Prince						-
12/2/20	Dry Extended	345.80817					William		0207001	38.748	77.5826		
08	Detention Ponds	59	105.2862065	N/A	N/A	N/A	County	51153	00504	59239	2502		
							Prince						-
11/1/20	Dry Extended	0.1711986					William		0207001	38.798	77.5218		
02	Detention Ponds		0.054387702	N/A	N/A	N/A	County	51153	00703	45344	452		
							Prince						-
12/19/2	Water Quality	0.1605953					William		0207001	38.798	77.5232		
008	Inlet	37	0.160132477	N/A	N/A	N/A	County	51153	00703	68485	3107		
							Prince						-
12/8/20		41.264081					William		0207001	38.849	77.6547		
08	Wet Pond	63	8.43270502	N/A	N/A	N/A	County	51153	00702	80153	2002		

1/5/2009	Hydrodynamic Structures	0.232075001	0.220402255	N/A	N/A	N/A	Prince William County Prince	51153	020700100504	38.78654971	77.56253057	-
4/1/2003	Dry Extended Detention Ponds	8.421519968	4.292257199	N/A	N/A	N/A	William County Prince	51153	020700100504	38.78756782	77.56183353	-
1/29/2009	Water Quality Inlet	0.376896997	0.376896997	N/A	N/A	N/A	William County Prince	51153	020700100703	38.79580813	77.52825921	-
1/29/2009	Water Quality Inlet	3.284311168	1.563188774	N/A	N/A	N/A	William County Prince	51153	020700100703	38.79567884	77.52877808	-
12/19/2008	Water Quality Inlet	0.0281437	0.023202714	N/A	N/A	N/A	William County Prince	51153	020700100703	38.79870623	77.52315934	-
1/20/2009	Wet Pond	91.41000895	8.334932411	N/A	N/A	N/A	William County Prince	51153	020700100802	38.69830715	77.36451672	-
1/27/2009	Wet Pond	10.79258208	2.638177126	N/A	N/A	N/A	William County Prince	51153	020700100502	38.7896569	77.65801022	-
11/1/2003	Dry Extended Detention Ponds	3.919920374	1.949463755	N/A	N/A	N/A	William County Prince	51153	020700100504	38.78648791	77.56249177	-
11/21/2008	Dry Extended Detention Ponds	36.97376757	13.41250439	N/A	N/A	N/A	William County Prince	51153	020700100504	38.74968725	77.59135635	-
11/1/2002	Dry Extended Detention Ponds	6.824390478	2.660407523	N/A	N/A	N/A	William County Prince	51153	020700100703	38.79815814	77.52236707	-
1/29/2009	Water Quality Inlet	0.059669952	0.059669952	N/A	N/A	N/A	William County Prince	51153	020700100703	38.79586755	77.52828707	-
12/19/2008	Filtering Practices	6.253653441	3.3970809	N/A	N/A	N/A	William County Prince	51153	020700100703	38.79842574	77.52294245	-
1/8/2009	Wet Pond	30.84815451	12.08105544	N/A	N/A	N/A	William County Prince	51153	020700100702	38.81765207	77.60525052	-
12/11/2008	Hydrodynamic Structures	1.632331567	1.444100489	N/A	N/A	N/A	William County Prince	51153	020700100804	38.63398953	77.27426653	-
1/29/2009	Water Quality Inlet	0.474761839	0.357074903	N/A	N/A	N/A	William County	51153	020700100703	38.79674349	77.52863937	-

1/29/2009	Water Quality Inlet	0.045066116	0.023924408	N/A	N/A	N/A	Prince William County	51153	020700100703	38.79592654	77.52738201	-
9/9/2010	Wet Pond	19.57363557	8.270708181	N/A	N/A	N/A	Prince William County	51153	020700100502	38.80160872	77.62962076	-
8/18/2010	Dry Extended Detention Ponds	7.612634711	2.696570792	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63609055	77.37377963	-
8/20/2010	Wet Pond	107.0569843	24.79621636	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63905223	77.360463	-
6/29/2010	Water Quality Inlet	0.062200133	0.06087612	N/A	N/A	N/A	Prince William County	51153	020700100803	38.66425792	77.25707976	-
7/30/2010	Water Quality Inlet	2.206342527	0.945743552	N/A	N/A	N/A	Prince William County	51153	020700100804	38.67385203	77.39167928	-
3/1/2002	Infiltration Trench	0.783492143	0.541472406	N/A	N/A	N/A	Prince William County	51153	020700100805	38.63242626	77.26210142	-
3/1/2002	Infiltration Trench	0.779395221	0.560227611	N/A	N/A	N/A	Prince William County	51153	020700100805	38.63251829	77.26144706	-
4/1/2000	Dry Extended Detention Ponds	9.845756541	7.951578467	N/A	N/A	N/A	Prince William County	51153	020700100805	38.64496657	77.26300836	-
7/12/2010	Filtering Practices	1.00317401	0.786056255	N/A	N/A	N/A	Prince William County	51153	020700100703	38.79122565	77.51622782	-
10/20/2010	Dry Extended Detention Ponds	0.600964467	0	N/A	N/A	N/A	Prince William County	51153	020700100701	38.84780094	77.55170817	-
10/20/2010	Dry Extended Detention Ponds	0.208721144	0	N/A	N/A	N/A	Prince William County	51153	020700100701	38.84868061	77.55195657	-
9/28/2010	Wet Pond	34.50434091	13.78143247	N/A	N/A	N/A	Prince William County	51153	020700100804	38.62108511	77.31163898	-
10/28/2010	Dry Extended Detention Ponds	0.019018178	0	N/A	N/A	N/A	Prince William County	51153	020700100701	38.89739417	77.64918801	-
11/3/2010	Dry Extended Detention Ponds	6.963349948	2.551056758	N/A	N/A	N/A	Prince William County	51153	020700100805	38.66052671	77.2921423	-

12/7/20	Dry Extended	40.135395					Prince				-
10	Detention Ponds	61	17.8621178	N/A	N/A	N/A	William	51153	0207001	38.747	77.5732
							County		00504	36414	7961
							Prince				-
12/3/20	Dry Extended	21.831627					William		0207001	38.827	77.5968
10	Detention Ponds	46	9.413928265	N/A	N/A	N/A	County	51153	00702	98084	7215
							Prince				-
11/10/2		13.488811					William		0207001	38.591	77.3368
010	Wet Pond	83	5.668802349	N/A	N/A	N/A	County	51153	10104	0984	481
							Prince				-
8/1/200	Dry Extended	15.699755					William		0207001	38.674	77.3715
6	Detention Ponds	29	6.088067492	N/A	N/A	N/A	County	51153	00804	85046	729
							Prince				-
11/8/20	Dry Extended	48.200362					William		0207001	38.671	77.3717
10	Detention Ponds	99	13.99584706	N/A	N/A	N/A	County	51153	00804	81639	3286
							Prince				-
12/10/2	Dry Extended	45.990610					William		0207001	38.587	77.3238
010	Detention Ponds	7	19.51365815	N/A	N/A	N/A	County	51153	10104	36032	5917
							Prince				-
7/1/200	Dry Extended	15.442820					William		0207001	38.673	77.3706
5	Detention Ponds	75	5.407609857	N/A	N/A	N/A	County	51153	00804	39338	5807
							Prince				-
7/1/200		86.832007					William		0207001	38.824	77.5946
1	Wet Pond	3	33.87524703	N/A	N/A	N/A	County	51153	00702	25179	4315
							Prince				-
11/17/2	Bioretention, soils	0.8024392					William		0207001	38.794	77.4478
010	unknown	74	0.408196693	N/A	N/A	N/A	County	51153	00705	77369	6822
							Prince				-
10/1/20		246.05482					William		0207001	38.780	77.5493
00	Wet Pond	73	123.5261887	N/A	N/A	N/A	County	51153	00504	09361	7085
							Prince				-
4/1/199		58.940510					William		0207001	38.676	77.3212
4	Wet Pond	95	12.70825295	N/A	N/A	N/A	County	51153	00802	22946	0129
							Prince				-
3/7/201	Dry Detention	4.9834451					William		0207001	38.684	77.4236
1	Ponds	53	1.24270145	N/A	N/A	N/A	County	51153	00801	97805	8531
							Prince				-
5/1/199	Dry Extended	21.988588					William		0207001	38.635	77.3661
3	Detention Ponds	85	6.339511657	N/A	N/A	N/A	County	51153	00804	09378	8119
							Prince				-
6/1/199	Dry Extended	108.14007					William		0207001	38.654	77.2969
6	Detention Ponds	27	45.0759705	N/A	N/A	N/A	County	51153	00804	83522	1528
							Prince				-
3/28/20		0.6401031					William		0207001	38.611	77.2888
11	Infiltration Trench	61	0.342788949	N/A	N/A	N/A	County	51153	00804	28549	5924

2/16/20	Dry Extended	76.118535					Prince				-
11	Detention Ponds	21	0	N/A	N/A	N/A	William	51153	0207001	38.754	77.4801
							County		00703	16625	7876
							Prince				-
3/7/201	Dry Detention	0.4426968					William		0207001	38.685	77.4243
1	Ponds	61	0.099336959	N/A	N/A	N/A	County	51153	00801	26462	334
							Prince				-
3/7/201	Dry Detention	0.2438270					William		0207001	38.685	77.4250
1	Ponds	93	0.091017474	N/A	N/A	N/A	County	51153	00801	90304	7772
							Prince				-
9/1/200	Dry Extended	4.7586687					William		0207001	38.557	77.3199
3	Detention Ponds	76	2.799118194	N/A	N/A	N/A	County	51153	10104	99484	0558
							Prince				-
4/25/20	Dry Extended	7.7630337					William		0207001	38.777	77.6556
11	Detention Ponds	11	2.724541899	N/A	N/A	N/A	County	51153	00502	79705	7831
							Prince				-
10/1/19		4.0485021					William		0207001	38.799	77.5175
96	Infiltration Trench	81	3.104508357	N/A	N/A	N/A	County	51153	00703	2102	0976
							Prince				-
4/28/20	Bioretention, soils	1.9006556					William		0207001	38.771	77.5001
11	unknown	45	1.147927644	N/A	N/A	N/A	County	51153	00703	09714	0019
							Prince				-
3/5/200							William		0207001	38.771	77.5015
8	Filtering Practices	0.7510362	0.60244509	N/A	N/A	N/A	County	51153	00703	5074	3717
							Prince				-
4/27/20		1.3001158					William		0207001	38.673	77.3942
09	Filtering Practices	15	0.816537776	N/A	N/A	N/A	County	51153	00804	26274	5276
							Prince				-
6/2/200		27.146057					William		0207001	38.642	77.4020
9	Wet Pond	52	4.014040361	N/A	N/A	N/A	County	51153	10103	42154	1599
							Prince				-
4/1/200	Dry Extended	419.40964					William		0207001	38.767	77.5650
0	Detention Ponds	23	86.85673865	N/A	N/A	N/A	County	51153	00504	44039	3613
							Prince				-
7/1/200		9.2520445					William		0207001	38.660	77.4333
2	Wet Pond	53	1.817764229	N/A	N/A	N/A	County	51153	00801	15982	3706
							Prince				-
7/16/20	Underground	8.9582287					William		0207001	38.810	77.6124
08	Sand Filter	37	3.927205905	N/A	N/A	N/A	County	51153	00702	93044	8127
							Prince				-
3/1/201	Hydrodynamic	0.1648814					William		0207001	38.795	77.5880
0	Structures	36	0.0509576	N/A	N/A	N/A	County	51153	00504	05281	9373
							Prince				-
5/19/20	Dry Extended	1.8859603					William		0207001	38.768	77.5568
09	Detention Ponds	98	1.151793322	N/A	N/A	N/A	County	51153	00504	86495	7963

5/20/20		22.221944					Prince				-
09	Wet Pond	11	7.846537505	N/A	N/A	N/A	William	51153	0207001	38.814	77.6169
							County		00702	24717	8345
							Prince				-
4/27/20		7.9193845					William		0207001	38.674	77.3948
09	Filtering Practices	71	2.90249901	N/A	N/A	N/A	County	51153	00804	18909	2999
							Prince				-
6/11/20	Dry Detention	12.161862					William		0207001	38.610	77.3587
09	Ponds	02	9.258348266	N/A	N/A	N/A	County	51153	10103	02027	3846
							Prince				-
5/15/20	Dry Extended	17.982951					William		0207001	38.624	77.3933
09	Detention Ponds	03	6.895232252	N/A	N/A	N/A	County	51153	10103	57989	1944
							Prince				-
5/19/20	Dry Extended	1.3850374					William		0207001	38.768	77.5582
09	Detention Ponds	42	0.757884271	N/A	N/A	N/A	County	51153	00504	82523	5877
							Prince				-
5/1/200		74.310559					William		0207001	38.771	77.5655
9	Wet Pond	38	22.08692871	N/A	N/A	N/A	County	51153	00504	0621	6328
							Prince				-
8/1/199	Dry Detention	3.7895838					William		0207001	38.641	77.2893
6	Ponds	5	2.565943512	N/A	N/A	N/A	County	51153	00804	31377	23
							Prince				-
6/22/20	Dry Detention	18.279044					William		0207001	38.638	77.2919
09	Ponds	6	14.30053577	N/A	N/A	N/A	County	51153	00804	47734	6689
							Prince				-
6/3/200		126.85535					William		0207001	38.770	77.6050
9	Wet Pond	36	43.11153004	N/A	N/A	N/A	County	51153	00504	4475	4972
							Prince				-
6/9/200		29.679899					William		0207001	38.542	77.3236
9	Wet Pond	77	8.053841945	N/A	N/A	N/A	County	51153	10104	63302	1624
							Prince				-
6/16/20		499.45709					William		0207001	38.787	77.6040
09	Wet Pond	3	189.5120605	N/A	N/A	N/A	County	51153	00504	39787	9439
							Prince				-
6/16/20	Dry Extended	69.464220					William		0207001	38.781	77.6005
09	Detention Ponds	34	16.77969178	N/A	N/A	N/A	County	51153	00504	85576	1777
							Prince				-
6/16/20		110.05265					William		0207001	38.779	77.5968
09	Wet Pond	21	24.16592028	N/A	N/A	N/A	County	51153	00504	77823	4399
							Prince				-
6/22/20	Hydrodynamic	0.2221705					William		0207001	38.761	77.5366
09	Structures	58	0.196095262	N/A	N/A	N/A	County	51153	00504	44823	5086
							Prince				-
8/6/200	Water Quality	0.1046787					William		0207001	38.783	77.6651
9	Inlet	75	0.069550028	N/A	N/A	N/A	County	51153	00502	08062	6306

8/21/2009	Dry Extended Detention Ponds	84.23359911	9.642590009	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78563587	77.56697429	-
7/27/2009	Underground Sand Filter	1.446345861	1.090034796	N/A	N/A	N/A	Prince William County	51153	020700100804	38.62975097	77.29617913	-
7/27/2009	Underground Sand Filter	0.205274499	0.182693331	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63085462	77.29612993	-
1/1/2003	Dry Extended Detention Ponds	188.3772384	66.7781071	N/A	N/A	N/A	Prince William County	51153	020700110104	38.57761726	77.30890817	-
8/17/2009	Wet Pond	14.08486911	4.786698284	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65935057	77.29538089	-
7/27/2009	Underground Sand Filter	0.278642308	0.135121409	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63062047	77.29536295	-
8/17/2009	Wet Pond	3.793568199	0.077663695	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65863798	77.2977131	-
8/17/2009	Water Quality Inlet	0.436421887	0.318112546	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65831868	77.29584043	-
8/24/2009	Filtering Practices	0.772652524	0.350918209	N/A	N/A	N/A	Prince William County	51153	020700110103	38.63351639	77.37213889	-
8/17/2009	Water Quality Inlet	0.538463194	0.496769771	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65835047	77.29572445	-
8/4/2009	Wet Pond	2.82540853	1.317816699	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79090638	77.59140784	-
8/26/2009	Wet Pond	220.8953739	38.79308617	N/A	N/A	N/A	Prince William County	51153	020700100502	38.80336156	77.63562033	-
7/8/2009	Dry Extended Detention Ponds	1.351645625	0.670350579	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63187927	77.31985996	-
7/2/2009	Filtering Practices	0.188007183	0.02775569	N/A	N/A	N/A	Prince William County	51153	020700100803	38.65671682	77.23410959	-
7/27/2009	Underground Sand Filter	0.197089553	0.040651426	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63047645	77.29515084	-

8/17/20		2.5149392					Prince				-
09	Wet Pond	91	0.659099007	N/A	N/A	N/A	William	51153	0207001	38.658	77.2970
							County		00804	39875	2203
							Prince				-
8/11/20	Dry Extended	15.947840					William		0207001	38.686	77.5234
09	Detention Ponds	61	0.73802527	N/A	N/A	N/A	County	51153	00606	80197	5386
							Prince				-
8/17/20	Water Quality	0.5892996					William		0207001	38.658	77.2956
09	Inlet	98	0.385303299	N/A	N/A	N/A	County	51153	00804	36966	5867
							Prince				-
7/27/20	Underground	0.5053075					William		0207001	38.629	77.2960
09	Sand Filter	77	0.492777573	N/A	N/A	N/A	County	51153	00804	59505	2855
							Prince				-
8/1/200	Hydrodynamic	1.3843876					William		0207001	38.674	77.3364
1	Structures	22	0.908626372	N/A	N/A	N/A	County	51153	00802	41849	4664
							Prince				-
8/6/200	Water Quality	0.0153267					William		0207001	38.783	77.6647
9	Inlet	17	0.001649512	N/A	N/A	N/A	County	51153	00502	35677	0422
							Prince				-
8/24/20		2.2565747					William		0207001	38.633	77.3725
09	Filtering Practices	77	1.233625909	N/A	N/A	N/A	County	51153	10103	82988	189
							Prince				-
8/4/200	Hydrodynamic	0.0945223					William		0207001	38.790	77.5917
9	Structures	3	0.076758043	N/A	N/A	N/A	County	51153	00504	69557	2549
							Prince				-
8/6/200	Water Quality	0.0898998					William		0207001	38.783	77.6647
9	Inlet	76	0.043479655	N/A	N/A	N/A	County	51153	00502	41404	2882
							Prince				-
7/27/20	Underground	0.1296419					William		0207001	38.629	77.2956
09	Sand Filter	85	0.129641986	N/A	N/A	N/A	County	51153	00804	51614	9117
							Prince				-
7/27/20	Underground	4.9855845					William		0207001	38.629	77.2957
09	Sand Filter	41	2.558181223	N/A	N/A	N/A	County	51153	00804	08424	429
							Prince				-
7/27/20	Underground	0.1177717					William		0207001	38.628	77.2962
09	Sand Filter	98	0.117771798	N/A	N/A	N/A	County	51153	00804	94939	646
							Prince				-
7/27/20	Underground	5.2359874					William		0207001	38.629	77.2959
09	Sand Filter	05	3.692585	N/A	N/A	N/A	County	51153	00804	46205	0617
							Prince				-
8/5/200	Dry Extended	1.3463281					William		0207001	38.770	77.5529
9	Detention Ponds	57	0.894263609	N/A	N/A	N/A	County	51153	00504	86563	2029
							Prince				-
8/6/200	Water Quality	0.4414171					William		0207001	38.783	77.6650
9	Inlet	71	0.292162394	N/A	N/A	N/A	County	51153	00502	04036	9204

7/27/2009	Water Quality Inlet	0.160780432	0.15698249	N/A	N/A	N/A	Prince William County	51153	020700100804	38.62890103	77.29609283
8/6/2009	Water Quality Inlet	0.304588475	0.158554624	N/A	N/A	N/A	Prince William County	51153	020700100502	38.78332095	77.66538018
7/8/2009	Water Quality Inlet	0.231274351	0.187857958	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63226262	77.31939578
9/9/2009	Filtering Practices	1.807711762	0.541832963	N/A	N/A	N/A	Prince William County	51153	020700100703	38.79262412	77.5638087
6/1/2004	Dry Extended Detention Ponds	18.09732069	5.927706239	N/A	N/A	N/A	Prince William County	51153	020700100702	38.83501898	77.65229451
9/9/2009	Wet Pond	6.051043073	3.34055181	N/A	N/A	N/A	Prince William County	51153	020700100703	38.79183422	77.56100505
9/14/2009	Water Quality Inlet	0.103168959	0.076019341	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78653456	77.56053971
9/14/2009	Water Quality Inlet	0.318419711	0.232899909	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78623446	77.56070742
9/14/2009	Water Quality Inlet	0.145878988	0.075491259	N/A	N/A	N/A	Prince William County	51153	020700100504	38.7860228	77.56085083
9/14/2009	Water Quality Inlet	0.360591087	0.147166151	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78617102	77.5613214
9/14/2009	Water Quality Inlet	0.310093971	0.300670001	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78629711	77.56135102
9/14/2009	Filtering Practices	0.113857272	0.101701867	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78658423	77.56120715
9/22/2009	Dry Extended Detention Ponds	2.745410862	0.920346779	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63006805	77.3038258
12/1/2003	Dry Extended Detention Ponds	1.814108664	1.098431927	N/A	N/A	N/A	Prince William County	51153	020700100802	38.66184702	77.29674531
12/1/2006	Wet Pond	36.29363286	15.47113133	N/A	N/A	N/A	Prince William County	51153	020700100702	38.81572656	77.61992424

9/29/2009	Wet Pond	25.14552474	6.709629585	N/A	N/A	N/A	Prince William County	51153	020700100504	38.73014483	77.53046459	-
10/5/2009	Hydrodynamic Structures	0.212407281	0.204658434	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76127456	77.53718284	-
10/9/2009	Dry Extended Detention Ponds	19.4647898	9.331994747	N/A	N/A	N/A	Prince William County	51153	020700100702	38.81758984	77.62165099	-
10/28/2009	Hydrodynamic Structures	1.867067157	1.210058941	N/A	N/A	N/A	Prince William County	51153	020700100803	38.65485943	77.23204151	-
11/3/2009	Hydrodynamic Structures	0.20510438	0.196482425	N/A	N/A	N/A	Prince William County	51153	020700100504	38.75944071	77.53516563	-
4/15/2010	Water Quality Inlet	0.143752345	0.128670414	N/A	N/A	N/A	Prince William County	51153	020700110104	38.58160443	77.31181825	-
8/1/2000	Hydrodynamic Structures	0.077443697	0.07236403	N/A	N/A	N/A	Prince William County	51153	020700100705	38.78336868	77.44949847	-
4/9/2010	Water Quality Inlet	14.79153517	6.169255574	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79430748	77.59875936	-
8/1/1994	Infiltration Trench	1.611322975	0.60796754	N/A	N/A	N/A	Prince William County	51153	020700100802	38.6749537	77.31967275	-
3/10/2010	Dry Extended Detention Ponds	10.21883468	6.12947923	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78782999	77.53191884	-
4/9/2010	Water Quality Inlet	0.106131241	0.096586672	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79400753	77.59882295	-
12/1/2009	Dry Extended Detention Ponds	33.24400832	9.95106033	N/A	N/A	N/A	Prince William County	51153	020700100804	38.67072279	77.35581256	-
2/16/2010	Water Quality Inlet	0.423070349	0.310084895	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65099889	77.28571901	-
3/1/2007	Hydrodynamic Structures	0.72595971	0.33740576	N/A	N/A	N/A	Prince William County	51153	020700110103	38.63536509	77.42205345	-
3/1/2010	Dry Extended Detention Ponds	25.0912729	12.20178621	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79272367	77.59047288	-

1/1/2003	Dry Extended Detention Ponds	1.151106248	0.789757183	N/A	N/A	N/A	Prince William County	51153	020700100703	38.77252256	77.49688528	-
11/20/2009	Bioretention, soils unknown	1.257493502	0.151685621	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76497637	77.51907616	-
12/4/2009	Dry Extended Detention Ponds	2.854216456	0.479381995	N/A	N/A	N/A	Prince William County	51153	020700100801	38.72443788	77.43589149	-
1/13/2010	Dry Detention Ponds	7.992225025	0.842544316	N/A	N/A	N/A	Prince William County	51153	020700110103	38.62597191	77.36038946	-
3/1/2007	Hydrodynamic Structures	1.262968561	0.361847364	N/A	N/A	N/A	Prince William County	51153	020700110103	38.63413457	77.42248636	-
7/1/1995	Dry Extended Detention Ponds	7.929982985	2.450764739	N/A	N/A	N/A	Prince William County	51153	020700100804	38.624562	77.27419036	-
2/16/2010	Water Quality Inlet	16.07220854	6.419087742	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65103203	77.28671263	-
1/21/2010	Dry Extended Detention Ponds	4.695128737	3.101673728	N/A	N/A	N/A	Prince William County	51153	020700100703	38.80219852	77.50868697	-
9/1/1992	Dry Extended Detention Ponds	27.69305514	10.27185407	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64194075	77.35303782	-
3/1/2010	Hydrodynamic Structures	0.13169608	0	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79590968	77.58726146	-
3/12/2010	Filtering Practices	0.018427431	0.010728882	N/A	N/A	N/A	Prince William County	51153	020700100502	38.79280272	77.62660652	-
1/21/2010	Dry Extended Detention Ponds	2.175829139	0.966408371	N/A	N/A	N/A	Prince William County	51153	020700100701	38.89998175	77.61898196	-
2/16/2010	Water Quality Inlet	0.096692455	0.093795921	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65099194	77.28580722	-
4/7/2010	Dry Extended Detention Ponds	8.042252159	1.951087955	N/A	N/A	N/A	Prince William County	51153	020700110103	38.61105092	77.31771163	-
12/3/2009	Hydrodynamic Structures	0.047663548	0.035450459	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64070524	77.29281612	-

3/12/20	Dry Detention	2.6455426					Prince				-
10	Ponds	7	1.551813786	N/A	N/A	N/A	William	51153	0207001	38.792	77.6267
							County		00502	87125	5591
							Prince				-
2/16/20	Water Quality	1.7303519					William		0207001	38.650	77.2863
10	Inlet	76	1.47012027	N/A	N/A	N/A	County	51153	00804	78907	5833
							Prince				-
2/16/20	Water Quality	0.6250637					William		0207001	38.650	77.2868
10	Inlet	46	0.497295297	N/A	N/A	N/A	County	51153	00804	81523	1177
							Prince				-
3/22/20	Water Quality	5.9015632					William		0207001	38.797	77.6122
10	Inlet	62	2.55786675	N/A	N/A	N/A	County	51153	00504	11793	4195
							Prince				-
12/1/20	Hydrodynamic	0.0476475					William		0207001	38.822	77.6015
01	Structures	55	0.047647555	N/A	N/A	N/A	County	51153	00702	29892	6095
							Prince				-
2/24/20	Dry Extended	4.3630290					William		0207001	38.732	77.5921
10	Detention Ponds	36	1.891057896	N/A	N/A	N/A	County	51153	00503	33843	9595
							Prince				-
2/24/20	Dry Extended	3.4463197					William		0207001	38.733	77.5920
10	Detention Ponds	67	0.513527017	N/A	N/A	N/A	County	51153	00503	14127	077
							Prince				-
1/8/201	Dry Extended	45.754604					William		0207001	38.848	77.6335
0	Detention Ponds	46	10.91048713	N/A	N/A	N/A	County	51153	00702	06058	3159
							Prince				-
8/1/199	Water Quality	0.1596144					William		0207001	38.581	77.3110
4	Inlet	29	0.105089071	N/A	N/A	N/A	County	51153	10104	4307	6901
							Prince				-
1/6/201	Dry Extended	1.2614877					William		0207001	38.769	77.5564
0	Detention Ponds	85	0.763310377	N/A	N/A	N/A	County	51153	00504	21801	8931
							Prince				-
3/29/20	Dry Extended	34.385708					William		0207001	38.567	77.2845
10	Detention Ponds	46	6.952812649	N/A	N/A	N/A	County	51153	10104	35766	461
							Prince				-
3/1/201	Hydrodynamic	2.5637289					William		0207001	38.795	77.5873
0	Structures	87	0.701075461	N/A	N/A	N/A	County	51153	00504	42561	8779
							Prince				-
4/15/20	Water Quality	0.3972798					William		0207001	38.581	77.3110
10	Inlet	39	0.295611498	N/A	N/A	N/A	County	51153	10104	76196	7272
							Prince				-
4/15/20	Water Quality	0.0316201					William		0207001	38.581	77.3116
10	Inlet	36	0.018478307	N/A	N/A	N/A	County	51153	10104	64861	5399
							Prince				-
12/10/2	Dry Extended	28.329890					William		0207001	38.753	77.5608
009	Detention Ponds	56	10.39820998	N/A	N/A	N/A	County	51153	00504	74154	9193

3/1/2007	Dry Extended Detention Ponds	29.98661486	11.43075318	N/A	N/A	N/A	Prince William County	51153	020700110103	38.63378946	77.42097748	-
3/1/2010	Hydrodynamic Structures	29.65259904	2.96636587	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79543407	77.58805367	-
4/15/2010	Water Quality Inlet	0.248989567	0.131042056	N/A	N/A	N/A	Prince William County	51153	020700110104	38.58128738	77.31117234	-
1/1/2001	Dry Extended Detention Ponds	18.89599343	8.175179593	N/A	N/A	N/A	Prince William County	51153	020700100703	38.8068661	77.49606952	-
7/1/2001	Dry Extended Detention Ponds	3.483628879	0.246988261	N/A	N/A	N/A	Prince William County	51153	020700100801	38.7211912	77.43443911	-
4/9/2010	Water Quality Inlet	0.638384934	0.378679757	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79398485	77.59843921	-
3/22/2010	Filtering Practices	0.372860331	0.351886694	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79754401	77.61234062	-
7/1/1997	Dry Extended Detention Ponds	4.821511965	4.231163335	N/A	N/A	N/A	Prince William County	51153	020700100805	38.63320983	77.26983674	-
4/15/2010	Water Quality Inlet	0.001537241	0	N/A	N/A	N/A	Prince William County	51153	020700110104	38.58131303	77.3112361	-
2/16/2010	Water Quality Inlet	2.425811632	2.070944844	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65033177	77.28709694	-
3/12/2010	Filtering Practices	6.5397844	3.992211842	N/A	N/A	N/A	Prince William County	51153	020700100502	38.79258652	77.62665341	-
4/9/2010	Water Quality Inlet	0.573097724	0.132761147	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79423205	77.59889965	-
3/1/2010	Dry Extended Detention Ponds	4.491159015	1.280441197	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79462926	77.58675279	-
8/1/1994	Infiltration Trench	1.709896255	0.864504355	N/A	N/A	N/A	Prince William County	51153	020700100802	38.67446671	77.31934197	-
2/24/2010	Dry Extended Detention Ponds	0.585094201	0.221015738	N/A	N/A	N/A	Prince William County	51153	020700100503	38.73443381	77.59149072	-

12/9/20	Hydrodynamic Structures	0.545811268	0.540791591	N/A	N/A	N/A	Prince William County	51153	020700100504	38.75964694	77.53599114	-
12/8/20	Filtering Practices	1.027367853	0.765353303	N/A	N/A	N/A	Prince William County	51153	020700100804	38.68055357	77.361105	-
1/1/200	Dry Extended Detention Ponds	6.745683753	3.737421994	N/A	N/A	N/A	Prince William County	51153	020700100802	38.65873107	77.30527298	-
10/1/19	Dry Extended Detention Ponds	3.014868452	0.741009704	N/A	N/A	N/A	Prince William County	51153	020700110103	38.6539086	77.44041823	-
6/1/199	Dry Extended Detention Ponds	8.650034972	1.677074949	N/A	N/A	N/A	Prince William County	51153	020700100804	38.62397573	77.33513102	-
6/1/201	Dry Extended Detention Ponds	13.46483282	5.438117562	N/A	N/A	N/A	Prince William County	51153	020700100803	38.67229564	77.26515242	-
2/1/200	Filtering Practices	0.014397576	0	N/A	N/A	N/A	Prince William County	51153	020700100705	38.78869542	77.44770355	-
6/1/200	Dry Extended Detention Ponds	5.796047627	1.536040638	N/A	N/A	N/A	Prince William County	51153	020700100804	38.62321663	77.33418765	-
10/1/19	Dry Extended Detention Ponds	37.84899002	10.86398902	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63842398	77.35770558	-
10/1/20	Dry Extended Detention Ponds	4.955095884	1.436555486	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64087386	77.3654638	-
6/15/20	Dry Extended Detention Ponds	18.50184056	4.557174644	N/A	N/A	N/A	Prince William County	51153	020700110103	38.62024657	77.33884751	-
7/21/20	Wet Pond	25.38703472	3.383218989	N/A	N/A	N/A	Prince William County	51153	020700100801	38.68209855	77.45464019	-
6/29/20	Dry Extended Detention Ponds	6.419722267	1.99524097	N/A	N/A	N/A	Prince William County	51153	020700100803	38.66406172	77.25732882	-
12/1/19	Dry Extended Detention Ponds	0.007763203	0	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64050372	77.35957929	-
8/17/20	Wet Pond	12.62689046	6.78249977	N/A	N/A	N/A	Prince William County	51153	020700100502	38.79371572	77.6236862	-

9/1/2002	Dry Extended Detention Ponds	28.39459683	3.850107481	N/A	N/A	N/A	Prince William County	51153	020700100502	38.78167053	77.64272676	-
7/30/2010	Water Quality Inlet	1.205353484	0.892201572	N/A	N/A	N/A	Prince William County	51153	020700100804	38.67370685	77.3914934	-
12/1/2000	Wet Pond	0.519196583	0.000891782	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76409343	77.56163532	-
7/30/2010	Dry Extended Detention Ponds	0.579753	0.045128577	N/A	N/A	N/A	Prince William County	51153	020700100804	38.67404839	77.39152314	-
9/16/2010	Wet Pond	6.988398241	1.445584979	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65378575	77.38794222	-
5/25/2011	Dry Extended Detention Ponds	34.64823972	9.038972471	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76188234	77.55071619	-
7/12/2010	Dry Extended Detention Ponds	13.96232423	9.737138055	N/A	N/A	N/A	Prince William County	51153	020700100703	38.79072506	77.51766012	-
9/7/2010	Water Quality Inlet	1.358807667	1.031484385	N/A	N/A	N/A	Prince William County	51153	020700100705	38.7753507	77.45092048	-
6/28/2010	Wet Pond	35.76635049	1.950000865	N/A	N/A	N/A	Prince William County	51153	020700100606	38.64470697	77.54542304	-
9/1/2000	Dry Extended Detention Ponds	4.91012274	4.028088872	N/A	N/A	N/A	Prince William County	51153	020700100705	38.78879236	77.44758763	-
5/1/1997	Dry Extended Detention Ponds	2.240725726	1.246279373	N/A	N/A	N/A	Prince William County	51153	020700100805	38.65756647	77.25221191	-
11/1/2003	Dry Extended Detention Ponds	20.39624414	5.84769669	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63589788	77.36006146	-
6/15/2010	Dry Extended Detention Ponds	21.62385224	16.07527543	N/A	N/A	N/A	Prince William County	51153	020700100803	38.67534271	77.25427328	-
4/28/2011	Dry Extended Detention Ponds	1.738594538	0.894014061	N/A	N/A	N/A	Prince William County	51153	020700100703	38.7712116	77.50067496	-
4/20/2011	Wet Pond	12.19217679	3.932732282	N/A	N/A	N/A	Prince William County	51153	020700100801	38.72686139	77.45604487	-

12/1/19	Dry Extended	2.9789125					Prince						-
94	Detention Ponds	69	1.850291626	N/A	N/A	N/A	William	51153	0207001	38.648	77.3428		
							County		00804	37307	6151		
							Prince						-
10/1/20	Dry Extended	36.173393					William		0207001	38.740	77.5584		
00	Detention Ponds	55	6.698832698	N/A	N/A	N/A	County	51153	00504	10785	9542		
							Prince						-
2/15/20	Hydrodynamic	3.9205021					William		0207001	38.655	77.3045		
11	Structures	92	1.875355991	N/A	N/A	N/A	County	51153	00804	49098	0574		
							Prince						-
3/16/20		21.246847					William		0207001	38.803	77.6250		
11	Wet Pond	21	10.66145563	N/A	N/A	N/A	County	51153	00502	46386	1987		
							Prince						-
8/1/200		3.0336809					William		0207001	38.697	77.3150		
0	Infiltration Trench	85	0.608457889	N/A	N/A	N/A	County	51153	00802	8628	0909		
							Prince						-
3/28/20		4.1147752					William		0207001	38.610	77.2893		
11	Infiltration Trench	05	3.337591314	N/A	N/A	N/A	County	51153	00804	95532	7244		
							Prince						-
3/21/20	Dry Detention	0.2506942					William		0207001	38.672	77.3969		
11	Ponds	77	0.19099709	N/A	N/A	N/A	County	51153	00804	23644	7515		
							Prince						-
4/1/200	Dry Extended	97.714203					William		0207001	38.674	77.3177		
3	Detention Ponds	36	20.99198441	N/A	N/A	N/A	County	51153	00802	72915	4513		
							Prince						-
3/7/201	Dry Detention	0.6188042					William		0207001	38.685	77.4233		
1	Ponds	76	0.096230229	N/A	N/A	N/A	County	51153	00801	89906	3302		
							Prince						-
1/27/20	Water Quality	1.9412034					William		0207001	38.656	77.3061		
11	Inlet	23	0.56181109	N/A	N/A	N/A	County	51153	00802	4209	5188		
							Prince						-
1/19/20	Bioretention, soils	0.4634666					William		0207001	38.632	77.2700		
11	unknown	54	0.397593148	N/A	N/A	N/A	County	51153	00805	95593	2115		
							Prince						-
8/1/200	Dry Extended	0.1665285					William		0207001	38.788	77.5563		
3	Detention Ponds	78	0.122130169	N/A	N/A	N/A	County	51153	00504	56036	4926		
							Prince						-
8/1/200		1.9503454					William		0207001	38.699	77.3155		
0	Infiltration Trench	85	0.832920608	N/A	N/A	N/A	County	51153	00802	17114	6789		
							Prince						-
9/1/199	Hydrodynamic	1.9522393					William		0207001	38.650	77.2950		
5	Structures	1	1.909823229	N/A	N/A	N/A	County	51153	00804	59402	8593		
							Prince						-
2/10/20		22.391122					William		0207001	38.612	77.2803		
12	Wet Pond	51	10.78435446	N/A	N/A	N/A	County	51153	00804	02972	3468		

5/2/199		146.96456					Prince				-
2	Infiltration Trench	83	58.35358687	N/A	N/A	N/A	William	51153	0207001	38.770	77.5032
							County		00703	97358	8462
							Prince				-
2/10/20	Dry Extended	22.743053					William		0207001	38.611	77.2821
12	Detention Ponds	47	8.805953421	N/A	N/A	N/A	County	51153	00804	98702	8708
							Prince				-
1/1/200		217.43220					William		0207001	38.741	77.5369
3	Wet Pond	98	50.0512869	N/A	N/A	N/A	County	51153	00504	25778	5955
							Prince				-
7/14/20	Water Quality	0.0659431					William		0207001	38.586	77.3047
11	Inlet	96	0.05832658	N/A	N/A	N/A	County	51153	10104	11508	3331
							Prince				-
5/1/199		11.551055					William		0207001	38.771	77.5040
2	Infiltration Trench	96	11.34084011	N/A	N/A	N/A	County	51153	00703	83891	214
							Prince				-
7/14/20	Dry Detention	0.0128134					William		0207001	38.586	77.3047
11	Ponds	68	0.009899695	N/A	N/A	N/A	County	51153	10104	81719	7008
							Prince				-
1/27/20		3.7335433					William		0207001	38.770	77.5064
12	Filtering Practices	85	3.605663635	N/A	N/A	N/A	County	51153	00703	41385	7964
							Prince				-
7/14/20	Water Quality	0.0218763					William		0207001	38.587	77.3050
11	Inlet	04	0.005099112	N/A	N/A	N/A	County	51153	10104	09923	5566
							Prince				-
7/14/20	Water Quality	0.1173165					William		0207001	38.586	77.3043
11	Inlet	79	0.044131041	N/A	N/A	N/A	County	51153	10104	24466	9911
							Prince				-
8/5/201	Water Quality	0.0135586					William		0207001	38.751	77.5426
1	Inlet	55	0.010900479	N/A	N/A	N/A	County	51153	00504	59011	3569
							Prince				-
7/21/20	Dry Extended	1.0020624					William		0207001	38.678	77.2564
11	Detention Ponds	86	0.532019437	N/A	N/A	N/A	County	51153	00803	17159	9632
							Prince				-
8/16/20		7.3413744					William		0207001	38.823	77.6336
11	Wet Pond	9	2.507873946	N/A	N/A	N/A	County	51153	00702	29829	7108
							Prince				-
5/23/20	Bioretention, soils	0.4417941					William		0207001	38.610	77.2950
11	unknown	5	0.150622997	N/A	N/A	N/A	County	51153	00804	24189	1912
							Prince				-
2/6/201		1.0466457					William		0207001	38.679	77.3603
2	Filtering Practices	22	0.144723888	N/A	N/A	N/A	County	51153	00804	33918	4842
							Prince				-
11/10/2	Dry Extended	410.91861					William		0207001	38.660	77.3709
011	Detention Ponds	43	89.09163375	N/A	N/A	N/A	County	51153	00804	7904	0445

12/1/20		2.6406473					Prince				-
11	Wet Pond	39	0.158998046	N/A	N/A	N/A	William	51153	0207001	38.683	77.4254
							County		00801	75309	6968
							Prince				-
5/1/199		0.9447752					William		0207001	38.769	77.5045
2	Infiltration Trench	65	0.246180368	N/A	N/A	N/A	County	51153	00703	74141	2801
							Prince				-
9/20/20	Dry Extended	23.348616					William		0207001	38.762	77.6005
11	Detention Ponds	73	7.852233438	N/A	N/A	N/A	County	51153	00504	29524	2242
							Prince				-
1/27/20	Dry Detention	0.4222410					William		0207001	38.770	77.5065
12	Ponds	49	0.392524096	N/A	N/A	N/A	County	51153	00703	04729	2139
							Prince				-
9/7/201		1.3433455					William		0207001	38.663	77.2517
1	Infiltration Trench	73	1.341005679	N/A	N/A	N/A	County	51153	00803	39271	4479
							Prince				-
1/20/20	Dry Extended	2.5169910					William		0207001	38.583	77.3372
12	Detention Ponds	41	0.691267264	N/A	N/A	N/A	County	51153	10104	20462	8794
							Prince				-
8/5/201		0.8860101					William		0207001	38.751	77.5424
1	Filtering Practices	63	0.822866134	N/A	N/A	N/A	County	51153	00504	69599	9259
							Prince				-
1/27/20		0.0366758					William		0207001	38.769	77.5070
12	Filtering Practices	57	0.02474569	N/A	N/A	N/A	County	51153	00703	9983	9865
							Prince				-
9/8/201	Dry Extended	21.276027					William		0207001	38.857	77.6031
1	Detention Ponds	3	1.904593157	N/A	N/A	N/A	County	51153	00702	68371	1378
							Prince				-
1/13/20	Dry Extended	15.636902					William		0207001	38.775	77.5284
12	Detention Ponds	47	5.450620409	N/A	N/A	N/A	County	51153	00504	43077	2341
							Prince				-
11/8/20	Dry Extended	25.892296					William		0207001	38.669	77.3818
11	Detention Ponds	58	4.375983789	N/A	N/A	N/A	County	51153	00804	92584	0457
							Prince				-
9/13/20		4.8985816					William		0207001	38.769	77.5543
11	Filtering Practices	15	4.084022581	N/A	N/A	N/A	County	51153	00504	55499	8591
							Prince				-
10/14/2	Dry Extended	74.017655					William		0207001	38.729	77.5448
011	Detention Ponds	16	18.10542261	N/A	N/A	N/A	County	51153	00504	93352	6445
							Prince				-
8/5/201	Water Quality	5.8812502					William		0207001	38.752	77.5431
1	Inlet	48	2.031415665	N/A	N/A	N/A	County	51153	00504	15153	0431
							Prince				-
7/14/20	Water Quality	0.6097238					William		0207001	38.586	77.3037
11	Inlet	48	0.213917574	N/A	N/A	N/A	County	51153	10103	59434	5216

9/1/2005	Dry Extended Detention Ponds	26.330019	6.664660398	N/A	N/A	N/A	Prince William County	51153	020700100804	38.62049592	77.31799127	-
7/14/2011	Water Quality Inlet	0.098201022	0.010597348	N/A	N/A	N/A	Prince William County	51153	020700110104	38.58611449	77.30479169	-
1/27/2012	Filtering Practices	0.030191782	0.026493901	N/A	N/A	N/A	Prince William County	51153	020700100703	38.77165199	77.50870152	-
5/23/2011	Underground Sand Filter	0.116653911	0.092932652	N/A	N/A	N/A	Prince William County	51153	020700100804	38.61029055	77.29524924	-
5/25/2011	Hydrodynamic Structures	1.54722476	1.292380576	N/A	N/A	N/A	Prince William County	51153	020700100805	38.65786956	77.25035027	-
10/26/2011	Dry Extended Detention Ponds	8.379014452	7.062039593	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78153664	77.58220156	-
1/27/2012	Dry Detention Ponds	0.479769174	0.46459318	N/A	N/A	N/A	Prince William County	51153	020700100703	38.77011116	77.50618236	-
9/22/2011	Dry Extended Detention Ponds	112.4508633	40.44893334	N/A	N/A	N/A	Prince William County	51153	020700100805	38.64154083	77.2692574	-
9/8/2011	Dry Extended Detention Ponds	30.26209814	3.711312641	N/A	N/A	N/A	Prince William County	51153	020700100702	38.85748405	77.59898351	-
7/14/2011	Water Quality Inlet	0.086920914	0.061693194	N/A	N/A	N/A	Prince William County	51153	020700110104	38.58646724	77.30418311	-
2/8/2012	Dry Extended Detention Ponds	0.001642983	0	N/A	N/A	N/A	Prince William County	51153	020700100504	38.80281291	77.60555842	-
5/1/1992	Infiltration Trench	4.94893739	3.969090765	N/A	N/A	N/A	Prince William County	51153	020700100703	38.77052534	77.50367201	-
7/14/2011	Water Quality Inlet	0.033310014	0.008678258	N/A	N/A	N/A	Prince William County	51153	020700110103	38.58665278	77.30392297	-
8/12/2011	Dry Extended Detention Ponds	6.578483038	1.963998934	N/A	N/A	N/A	Prince William County	51153	020700100705	38.78980151	77.43792926	-
10/21/2011	Dry Extended Detention Ponds	25.93717102	8.347794058	N/A	N/A	N/A	Prince William County	51153	020700100804	38.62407319	77.31239267	-

7/22/20	Dry Detention	2.6474288					Prince				-
11	Ponds	64	2.114275975	N/A	N/A	N/A	William	51153	0207001	38.659	77.2943
							County		00804	68096	332
							Prince				-
7/14/20	Water Quality	0.0351690					William		0207001	38.586	77.3044
11	Inlet	79	0.014909117	N/A	N/A	N/A	County	51153	10104	21461	3802
							Prince				-
7/22/20	Dry Detention	4.6740923					William		0207001	38.660	77.2938
11	Ponds	96	3.450304228	N/A	N/A	N/A	County	51153	00805	36993	1501
							Prince				-
3/1/201	Dry Extended	26.237341					William		0207001	38.673	77.2680
1	Detention Ponds	59	9.858892355	N/A	N/A	N/A	County	51153	00803	23148	9323
							Prince				-
9/20/20	Dry Extended	37.601429					William		0207001	38.761	77.5988
11	Detention Ponds	64	12.88573956	N/A	N/A	N/A	County	51153	00504	69449	5528
							Prince				-
7/14/20	Water Quality	0.0503024					William		0207001	38.586	77.3048
11	Inlet	37	0.042292882	N/A	N/A	N/A	County	51153	10104	18876	5296
							Prince				-
7/14/20	Water Quality	0.1218942					William		0207001	38.586	77.3042
11	Inlet	37	0.113156039	N/A	N/A	N/A	County	51153	10103	6274	2971
							Prince				-
9/8/201	Dry Extended	11.775722					William		0207001	38.859	77.5943
1	Detention Ponds	48	1.482303539	N/A	N/A	N/A	County	51153	00701	47639	5208
							Prince				-
10/26/2	Dry Extended	9.8339397					William		0207001	38.783	77.5799
011	Detention Ponds	48	8.233902072	N/A	N/A	N/A	County	51153	00504	33238	0076
							Prince				-
7/19/20	Dry Extended	8.2146839					William		0207001	38.621	77.3169
11	Detention Ponds	97	3.293603337	N/A	N/A	N/A	County	51153	00804	67071	668
							Prince				-
5/2/199		2.7838357					William		0207001	38.773	77.5065
2	Infiltration Trench	81	2.59496922	N/A	N/A	N/A	County	51153	00703	43416	5369
							Prince				-
1/27/20		40.343495					William		0207001	38.770	77.5076
12	Filtering Practices	42	3.682752671	N/A	N/A	N/A	County	51153	00703	12077	3677
							Prince				-
8/1/199	Dry Extended	4.4726632					William		0207001	38.751	77.5415
7	Detention Ponds	42	1.98312226	N/A	N/A	N/A	County	51153	00504	9969	0867
							Prince				-
8/5/201	Water Quality	0.5790182					William		0207001	38.751	77.5427
1	Inlet	22	0.431103128	N/A	N/A	N/A	County	51153	00504	7679	7986
							Prince				-
5/1/199		13.154630					William		0207001	38.773	77.5074
2	Infiltration Trench	94	4.529910332	N/A	N/A	N/A	County	51153	00703	87676	1163

8/5/2011	Water Quality Inlet	0.038771861	0.034778213	N/A	N/A	N/A	Prince William County	51153	020700100504	38.75207839	77.54307915	-
8/23/2011	Water Quality Inlet	0.082796074	0.054809455	N/A	N/A	N/A	Prince William County	51153	020700100804	38.62186485	77.27811623	-
3/1/2004	Wet Pond	0.127700542	0	N/A	N/A	N/A	Prince William County	51153	020700100805	38.6598658	77.28247401	-
1/1/1996	Wet Pond	28.38815829	8.029123617	N/A	N/A	N/A	Prince William County	51153	020700100802	38.67582975	77.31578612	-
5/1/1994	Infiltration Trench	0.886026578	0.340568837	N/A	N/A	N/A	Prince William County	51153	020700100802	38.70035986	77.30927503	-
9/1/1994	Infiltration Trench	40.07741242	7.384824942	N/A	N/A	N/A	Prince William County	51153	020700100802	38.67384337	77.31835784	-
4/1/1992	Infiltration Trench	0.070061463	0.017377062	N/A	N/A	N/A	Prince William County	51153	020700100802	38.70195709	77.30963984	-
1/11/2011	Dry Extended Detention Ponds	10.48601873	4.642606712	N/A	N/A	N/A	Prince William County	51153	020700100705	38.77621168	77.44982027	-
2/3/2011	Dry Extended Detention Ponds	5.551247582	2.344580991	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78355468	77.54046199	-
1/1/2001	Wet Pond	386.7826753	122.1751109	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78377795	77.54293639	-
5/1/1993	Dry Extended Detention Ponds	19.24532528	6.774738431	N/A	N/A	N/A	Prince William County	51153	020700100804	38.62708652	77.31586314	-
5/1/1994	Infiltration Trench	2.07169668	0.868326365	N/A	N/A	N/A	Prince William County	51153	020700100802	38.70080355	77.3116117	-
4/17/2008	Wet Pond	32.80507058	15.0467704	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76503913	77.55310361	-
3/7/2011	Dry Detention Ponds	1.272148721	0.23561029	N/A	N/A	N/A	Prince William County	51153	020700100801	38.68544868	77.42521494	-
3/5/2008	Filtering Practices	0.014179644	0.014176001	N/A	N/A	N/A	Prince William County	51153	020700100703	38.77122371	77.50186401	-

5/1/199	Dry Extended	35.350940					Prince				-
5	Detention Ponds	01	10.93469579	N/A	N/A	N/A	William	51153	0207001	38.770	77.4996
							County		00703	65105	8694
							Prince				-
3/3/201	Dry Extended	7.8887464					William		0207001	38.765	77.5551
1	Detention Ponds	76	3.0918125	N/A	N/A	N/A	County	51153	00504	63258	2862
							Prince				-
1/13/20	Dry Extended	33.701420					William		0207001	38.673	77.4064
11	Detention Ponds	38	6.103713283	N/A	N/A	N/A	County	51153	00801	51339	0622
							Prince				-
4/25/20	Dry Extended	11.468664					William		0207001	38.784	77.6565
11	Detention Ponds	93	3.772364921	N/A	N/A	N/A	County	51153	00502	24763	4236
							Prince				-
9/1/200	Dry Extended	14.630482					William		0207001	38.790	77.4490
1	Detention Ponds	41	2.425935337	N/A	N/A	N/A	County	51153	00705	09889	2339
							Prince				-
2/7/201		349.49340					William		0207001	38.742	77.5246
1	Wet Pond	42	47.72049911	N/A	N/A	N/A	County	51153	00504	07842	7826
							Prince				-
4/20/20		33.807437					William		0207001	38.728	77.4519
11	Wet Pond	57	9.002273358	N/A	N/A	N/A	County	51153	00801	33961	2002
							Prince				-
5/1/199	Dry Extended	4.5658054					William		0207001	38.626	77.3159
3	Detention Ponds	52	1.422270933	N/A	N/A	N/A	County	51153	00804	09799	1755
							Prince				-
9/1/200	Dry Extended	15.685199					William		0207001	38.729	77.4518
3	Detention Ponds	03	2.70800391	N/A	N/A	N/A	County	51153	00801	00394	0328
							Prince				-
4/20/20		14.032169					William		0207001	38.725	77.4570
11	Wet Pond	69	3.843345489	N/A	N/A	N/A	County	51153	00801	26484	777
							Prince				-
8/1/200		1.6596890					William		0207001	38.699	77.3149
0	Infiltration Trench	32	0.618979799	N/A	N/A	N/A	County	51153	00802	32451	2637
							Prince				-
4/28/20	Water Quality	0.1979392					William		0207001	38.771	77.5021
11	Inlet	47	0.055062408	N/A	N/A	N/A	County	51153	00703	33899	6798
							Prince				-
3/21/20		1.5870039					William		0207001	38.672	77.3967
11	Filtering Practices	89	1.017885783	N/A	N/A	N/A	County	51153	00804	40604	3541
							Prince				-
9/1/199	Hydrodynamic	5.4853806					William		0207001	38.650	77.2952
5	Structures	08	4.646388605	N/A	N/A	N/A	County	51153	00804	31134	1912
							Prince				-
3/7/201	Dry Detention	0.0859726					William		0207001	38.685	77.4225
1	Ponds	59	0.023389986	N/A	N/A	N/A	County	51153	00801	40486	0285

7/1/1996	Dry Extended Detention Ponds	336.3336572	82.29528366	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65214419	77.35289773	-
11/1/2002	Dry Extended Detention Ponds	1.423246314	0.617948931	N/A	N/A	N/A	Prince William County	51153	020700100805	38.62967855	77.26702876	-
3/14/2011	Hydrodynamic Structures	0.157631199	0.15609999	N/A	N/A	N/A	Prince William County	51153	020700110104	38.54561048	77.33381239	-
6/1/1994	Infiltration Trench	0.90261173	0.275968927	N/A	N/A	N/A	Prince William County	51153	020700100802	38.66925053	77.30579346	-
11/1/2002	Dry Extended Detention Ponds	1.028666626	0.565255129	N/A	N/A	N/A	Prince William County	51153	020700100805	38.62973716	77.26735143	-
1/13/2011	Dry Extended Detention Ponds	23.88216989	3.327090168	N/A	N/A	N/A	Prince William County	51153	020700100801	38.67097806	77.40856097	-
1/19/2011	Bioretention, soils unknown	2.850862909	2.428270346	N/A	N/A	N/A	Prince William County	51153	020700100805	38.63278466	77.26979444	-
3/7/2011	Dry Detention Ponds	0.482783354	0.12246415	N/A	N/A	N/A	Prince William County	51153	020700100801	38.68613126	77.42421064	-
4/1/1992	Infiltration Trench	0.858314305	0.480837369	N/A	N/A	N/A	Prince William County	51153	020700100802	38.70158356	77.30890703	-
2/1/2011	Dry Extended Detention Ponds	22.6466291	9.48009911	N/A	N/A	N/A	Prince William County	51153	020700110103	38.59323992	77.31007126	-
3/21/2011	Filtering Practices	0.22130842	0.073212358	N/A	N/A	N/A	Prince William County	51153	020700100804	38.6721717	77.39709834	-
4/1/1992	Infiltration Trench	0.878995854	0.460113338	N/A	N/A	N/A	Prince William County	51153	020700100802	38.70277493	77.31083505	-
7/26/2012	Dry Extended Detention Ponds	29.82808962	9.153909757	N/A	N/A	N/A	Prince William County	51153	020700100805	38.65538596	77.26953641	-
8/30/2012	Dry Extended Detention Ponds	37.85904308	15.15235282	N/A	N/A	N/A	Prince William County	51153	020700110103	38.59415061	77.28792165	-
9/28/2012	Dry Extended Detention Ponds	4.277260803	2.404560304	N/A	N/A	N/A	Prince William County	51153	020700100804	38.67783552	77.362726	-

7/24/20	Dry Extended	1.5179041					Prince						-
12	Detention Ponds	8	1.299947203	N/A	N/A	N/A	William	51153	0207001	38.641	77.2657		
							County		00805	40965	2197		
							Prince						-
10/4/20	Dry Extended	12.153221					William		0207001	38.566	77.3070		
12	Detention Ponds	4	3.99767365	N/A	N/A	N/A	County	51153	10104	22242	6239		
							Prince						-
8/9/201	Dry Extended	47.865965					William		0207001	38.746	77.5453		
2	Detention Ponds	08	17.74150905	N/A	N/A	N/A	County	51153	00504	67595	9148		
							Prince						-
6/27/20		0.4826813					William		0207001	38.680	77.3203		
12	Filtering Practices	16	0.476909746	N/A	N/A	N/A	County	51153	00802	02244	8601		
							Prince						-
5/1/200	Dry Extended	3.0806908					William		0207001	38.645	77.3868		
4	Detention Ponds	64	1.757187272	N/A	N/A	N/A	County	51153	10103	17903	0841		
							Prince						-
10/19/2	Dry Extended	22.567083					William		0207001	38.772	77.5569		
012	Detention Ponds	02	6.849488835	N/A	N/A	N/A	County	51153	00504	08365	4051		
							Prince						-
7/24/20		2.1445528					William		0207001	38.641	77.2656		
12	Infiltration Trench	33	1.780310842	N/A	N/A	N/A	County	51153	00805	47669	6422		
							Prince						-
6/22/20		21.924716					William		0207001	38.754	77.5155		
12	Wet Pond	41	3.182513883	N/A	N/A	N/A	County	51153	00504	27163	2159		
							Prince						-
7/24/20		4.0102236					William		0207001	38.640	77.2638		
12	Infiltration Trench	99	0.631593836	N/A	N/A	N/A	County	51153	00805	73022	0695		
							Prince						-
6/14/20		0.6457116					William		0207001	38.655	77.2834		
12	Filtering Practices	34	0.501328061	N/A	N/A	N/A	County	51153	00805	10855	5445		
							Prince						-
8/28/20		84.347942					William		0207001	38.760	77.6125		
12	Wet Pond	63	34.68873306	N/A	N/A	N/A	County	51153	00504	2469	191		
							Prince						-
4/3/201		25.784791					William		0207001	38.628	77.3701		
2	Wet Pond	38	8.237527215	N/A	N/A	N/A	County	51153	10103	17363	2765		
							Prince						-
10/12/2	Dry Extended	5.2963794					William		0207001	38.617	77.3645		
012	Detention Ponds	41	2.008890389	N/A	N/A	N/A	County	51153	10103	40435	6664		
							Prince						-
6/29/20		138.57045					William		0207001	38.551	77.3166		
11	Wet Pond	6	29.01069623	N/A	N/A	N/A	County	51153	10104	90127	5556		
							Prince						-
9/13/20		11.991539					William		0207001	38.747	77.4491		
12	Filtering Practices	43	3.349980024	N/A	N/A	N/A	County	51153	00705	79	8342		

8/23/20		8.8239361					Prince				-
11	Wet Pond	27	4.991576986	N/A	N/A	N/A	William	51153	0207001	38.622	77.2789
							County		00804	66119	7006
							Prince				-
2/1/200	Dry Extended	3.0857748					William		0207001	38.791	77.5926
5	Detention Ponds	31	1.66865723	N/A	N/A	N/A	County	51153	00504	76137	1241
							Prince				-
7/14/20	Water Quality	0.0282623					William		0207001	38.586	77.3053
11	Inlet	13	0.007061018	N/A	N/A	N/A	County	51153	10104	84116	8685
							Prince				-
6/22/20	Dry Extended	42.774160					William		0207001	38.820	77.6396
11	Detention Ponds	28	8.770178316	N/A	N/A	N/A	County	51153	00702	66076	5479
							Prince				-
6/9/201		4.5355947					William		0207001	38.676	77.3338
1	Wet Pond	63	1.819970677	N/A	N/A	N/A	County	51153	00802	89961	429
							Prince				-
1/27/20		0.0080983					William		0207001	38.771	77.5088
12	Filtering Practices	12	0	N/A	N/A	N/A	County	51153	00703	15141	1462
							Prince				-
8/10/20		16.268845					William		0207001	38.560	77.2990
11	Wet Pond	71	3.307565186	N/A	N/A	N/A	County	51153	10104	07818	6102
							Prince				-
6/8/201	Dry Extended	28.764434					William		0207001	38.532	77.3158
2	Detention Ponds	02	5.931412551	N/A	N/A	N/A	County	51153	10104	84781	9955
							Prince				-
10/24/2		190.49637					William		0207001	38.809	77.6109
012	Wet Pond	42	27.43056271	N/A	N/A	N/A	County	51153	00702	13696	068
							Prince				-
5/1/201	Dry Extended	10.392809					William		0207001	38.737	77.4208
2	Detention Ponds	47	1.591068904	N/A	N/A	N/A	County	51153	00705	13241	0508
							Prince				-
8/2/201	Dry Extended	11.886645					William		0207001	38.724	77.5053
2	Detention Ponds	85	8.152309961	N/A	N/A	N/A	County	51153	00504	222	6561
							Prince				-
8/1/200	Dry Extended	0.0133629					William		0207001	38.670	77.3235
0	Detention Ponds	6	0	N/A	N/A	N/A	County	51153	00802	39357	9928
							Prince				-
5/1/201	Dry Extended	61.649770					William		0207001	38.732	77.4225
2	Detention Ponds	07	7.024612053	N/A	N/A	N/A	County	51153	00801	32415	7681
							Prince				-
9/13/20		4.5051458					William		0207001	38.745	77.4479
12	Filtering Practices	83	1.800300179	N/A	N/A	N/A	County	51153	00705	97153	4616
							Prince				-
10/12/2	Dry Extended	43.844146					William		0207001	38.616	77.3681
012	Detention Ponds	6	22.44295051	N/A	N/A	N/A	County	51153	10103	37871	422

4/3/2012	Wet Pond	14.52283875	4.145159569	N/A	N/A	N/A	Prince William County	51153	020700110103	38.62852119	77.3671415
2/1/2000	Dry Extended Detention Ponds	3.183488899	0.432151888	N/A	N/A	N/A	Prince William County	51153	020700100801	38.70846748	77.42804551
9/26/2012	Wet Pond	15.34661556	0.509075244	N/A	N/A	N/A	Prince William County	51153	020700100504	38.72924606	77.53310836
6/27/2012	Water Quality Inlet	0.084945705	0.065799058	N/A	N/A	N/A	Prince William County	51153	020700100802	38.6797336	77.3198824
1/16/2013	Bioretention, soils unknown	1.686166823	0.343610075	N/A	N/A	N/A	Prince William County	51153	020700100701	38.87139763	77.57296953
1/16/2013	Bioretention, soils unknown	1.587975573	0.242660185	N/A	N/A	N/A	Prince William County	51153	020700100701	38.88035359	77.58939217
12/1/1995	Dry Extended Detention Ponds	6.252452367	2.439863257	N/A	N/A	N/A	Prince William County	51153	020700100805	38.64960254	77.26742964
1/16/2013	Bioretention, soils unknown	0.833445829	0.147564991	N/A	N/A	N/A	Prince William County	51153	020700100701	38.86768653	77.5865302
1/16/2013	Bioretention, soils unknown	0.107891422	0.002051395	N/A	N/A	N/A	Prince William County	51153	020700100701	38.88413367	77.58016248
1/10/2013	Dry Extended Detention Ponds	24.05630416	6.198086347	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64827733	77.35269833
11/16/2012	Dry Extended Detention Ponds	3.111112211	0	N/A	N/A	N/A	Prince William County	51153	020700100606	38.65956798	77.49913001
1/16/2013	Bioretention, soils unknown	0.322890696	0.015636645	N/A	N/A	N/A	Prince William County	51153	020700100701	38.87710577	77.58571863
1/16/2013	Bioretention, soils unknown	0.795019125	0.146294002	N/A	N/A	N/A	Prince William County	51153	020700100701	38.8795565	77.58293075
1/10/2013	Dry Extended Detention Ponds	3.976943887	0.694830237	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64982076	77.35060919
1/16/2013	Bioretention, soils unknown	0.473039393	0.020292108	N/A	N/A	N/A	Prince William County	51153	020700100701	38.88136753	77.58542512

11/26/2012	Bioretention, soils unknown	17.14320684	8.16749164	N/A	N/A	N/A	Prince William County	51153	020700100804	38.67426297	77.39376599	-
1/10/2013	Dry Extended Detention Ponds	5.407346765	1.799121762	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64860661	77.34916218	-
3/1/1997	Dry Extended Detention Ponds	23.6592108	9.28245799	N/A	N/A	N/A	Prince William County	51153	020700100804	38.63562614	77.27571857	-
1/24/2013	Filtering Practices	1.7308529	1.124328526	N/A	N/A	N/A	Prince William County	51153	020700100703	38.79334079	77.55415129	-
12/1/1995	Dry Extended Detention Ponds	4.097557838	1.362764148	N/A	N/A	N/A	Prince William County	51153	020700100805	38.64802424	77.26509134	-
12/3/2012	Dry Extended Detention Ponds	14.45413953	5.338346035	N/A	N/A	N/A	Prince William County	51153	020700110103	38.61987805	77.37044219	-
2/1/2005	Bioretention, soils unknown	7.919971946	0.897467736	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78238538	77.53503143	-
1/23/2013	Hydrodynamic Structures	0.131717144	0	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78324151	77.53480852	-
1/16/2013	Bioretention, soils unknown	0.27701415	0.131458749	N/A	N/A	N/A	Prince William County	51153	020700100701	38.87968489	77.58216553	-
1/16/2013	Bioretention, soils unknown	0.905367859	0.069293886	N/A	N/A	N/A	Prince William County	51153	020700100701	38.87732319	77.5819411	-
1/23/2013	Dry Extended Detention Ponds	3.268716327	1.340949116	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78335337	77.53514507	-
2/1/2005	Bioretention, soils unknown	0.718507375	0.21764694	N/A	N/A	N/A	Prince William County	51153	020700100504	38.78225721	77.53451057	-
1/16/2013	Bioretention, soils unknown	0.80814436	0.114776209	N/A	N/A	N/A	Prince William County	51153	020700100701	38.87908965	77.58702498	-
1/1/2006	Dry Extended Detention Ponds	26.45981325	2.994992568	N/A	N/A	N/A	Prince William County	51153	020700100504	38.73915806	77.54742267	-
3/1/2000	Dry Extended Detention Ponds	9.133337316	3.921886791	N/A	N/A	N/A	Prince William County	51153	020700110103	38.63489067	77.38051438	-

6/16/20	Dry Extended	0.0530901					Prince						-
11	Detention Ponds	1	0	N/A	N/A	N/A	William	51153	0207001	38.651	77.5644		
							County		00604	5752	2582		
							Prince						-
2/28/20	Dry Extended	139.30436					William		0207001	38.598	77.3216		
13	Detention Ponds	58	36.3981438	N/A	N/A	N/A	County	51153	10103	96795	162		
							Prince						-
3/1/201	Dry Extended	18.998937					William		0207001	38.543	77.3240		
3	Detention Ponds	78	4.13919216	N/A	N/A	N/A	County	51153	10104	80488	642		
							Prince						-
3/15/20		4.7291578					William		0207001	38.785	77.5652		
13	Wet Pond	47	1.38496719	N/A	N/A	N/A	County	51153	00504	36758	2376		
							Prince						-
3/15/20	Water Quality	0.7722592					William		0207001	38.784	77.5665		
13	Inlet	15	0.173220473	N/A	N/A	N/A	County	51153	00504	29875	1704		
							Prince						-
3/15/20	Water Quality	0.2881513					William		0207001	38.784	77.5662		
13	Inlet	16	0.152671728	N/A	N/A	N/A	County	51153	00504	60568	3933		
							Prince						-
3/15/20	Dry Extended	1.4505111					William		0207001	38.784	77.5658		
13	Detention Ponds	59	0.231508707	N/A	N/A	N/A	County	51153	00504	78046	1986		
							Prince						-
3/15/20	Water Quality	11.175388					William		0207001	38.784	77.5657		
13	Inlet	74	1.606396781	N/A	N/A	N/A	County	51153	00504	35349	9696		
							Prince						-
3/22/20	Dry Extended	3.3265770					William		0207001	38.754	77.5135		
13	Detention Ponds	5	2.413467907	N/A	N/A	N/A	County	51153	00504	48662	2594		
							Prince						-
3/29/20		59.013671					William		0207001	38.732	77.5471		
13	Wet Pond	78	25.73141625	N/A	N/A	N/A	County	51153	00504	58672	4212		
							Prince						-
4/3/201		18.553132					William		0207001	38.677	77.3450		
3	Wet Pond	1	8.372508991	N/A	N/A	N/A	County	51153	00802	00149	7388		
							Prince						-
4/17/20	Dry Extended	7.3427279					William		0207001	38.679	77.3454		
13	Detention Ponds	99	4.385714474	N/A	N/A	N/A	County	51153	00802	13043	5601		
							Prince						-
4/15/20		14.820091					William		0207001	38.587	77.3009		
13	Filtering Practices	67	7.113722021	N/A	N/A	N/A	County	51153	10103	00052	2876		
							Prince						-
4/15/20		5.0585371					William		0207001	38.588	77.2983		
13	Filtering Practices	49	3.189048768	N/A	N/A	N/A	County	51153	10103	19508	3462		
							Prince						-
6/6/201	Water Quality	0.1603259					William		0207001	38.770	77.5943		
3	Inlet	9	0.063933555	N/A	N/A	N/A	County	51153	00504	22418	2138		

6/1/199	Dry Extended	17.743859					Prince						-
4	Detention Ponds	91	3.143728155	N/A	N/A	N/A	William	51153	0207001	38.652	77.3725		
							County		00804	44139	4933		
							Prince						-
8/29/20	Dry Extended	26.520387					William		0207001	38.629	77.2991		
12	Detention Ponds	18	9.89704714	N/A	N/A	N/A	County	51153	00804	22762	5585		
							Prince						-
7/24/20	Infiltration Trench	4.8917568					William		0207001	38.641	77.2642		
12		73	4.152440591	N/A	N/A	N/A	County	51153	00805	65269	6963		
							Prince						-
10/12/2	Dry Extended	4.0622481					William		0207001	38.617	77.3667		
012	Detention Ponds	83	1.210471163	N/A	N/A	N/A	County	51153	10103	31876	3774		
							Prince						-
5/9/201	Dry Extended	66.089768					William		0207001	38.548	77.3114		
2	Detention Ponds	58	9.833685101	N/A	N/A	N/A	County	51153	10104	11626	9308		
							Prince						-
5/1/200	Dry Extended	2.6706588					William		0207001	38.645	77.3885		
4	Detention Ponds	32	1.79890294	N/A	N/A	N/A	County	51153	10103	7453	2905		
							Prince						-
6/14/20	Filtering Practices	1.0100462					William		0207001	38.654	77.2836		
12		63	0.38443581	N/A	N/A	N/A	County	51153	00805	67424	1106		
							Prince						-
9/26/20	Wet Pond	76.234061					William		0207001	38.733	77.5342		
12		78	10.55271241	N/A	N/A	N/A	County	51153	00504	51693	6159		
							Prince						-
7/26/20	Dry Extended	5.5648956					William		0207001	38.654	77.2695		
12	Detention Ponds	31	1.544832126	N/A	N/A	N/A	County	51153	00805	14542	9256		
							Prince						-
9/27/20	Wet Pond	0.7978037					William		0207001	38.628	77.2815		
11		98	0.244821612	N/A	N/A	N/A	County	51153	00804	27323	8049		
							Prince						-
10/19/2	Dry Extended	7.9285117					William		0207001	38.762	77.5257		
012	Detention Ponds	53	5.781985816	N/A	N/A	N/A	County	51153	00504	94019	8759		
							Prince						-
6/27/20	Water Quality	0.1116630					William		0207001	38.680	77.3203		
12	Inlet	17	0.098426204	N/A	N/A	N/A	County	51153	00802	31566	0432		
							Prince						-
5/1/201	Dry Extended	20.996838					William		0207001	38.734	77.4257		
2	Detention Ponds	7	3.287401131	N/A	N/A	N/A	County	51153	00801	71124	0274		
							Prince						-
6/8/201	Wet Pond	48.179473					William		0207001	38.534	77.3162		
2		5	8.386205881	N/A	N/A	N/A	County	51153	10104	81747	2538		
							Prince						-
9/13/20	Filtering Practices	4.5231719					William		0207001	38.745	77.4490		
12		04	3.977137952	N/A	N/A	N/A	County	51153	00705	84215	8565		

4/18/20	Dry Extended	6.2541412					Prince						-
12	Detention Ponds	42	2.786210003	N/A	N/A	N/A	William	51153	0207001	38.859	77.6393		
							County		00702	22308	1873		
							Prince						-
9/13/20		7.0842693					William		0207001	38.748	77.4485		
12	Filtering Practices	3	2.383027476	N/A	N/A	N/A	County	51153	00705	32485	5228		
							Prince						-
3/1/200	Dry Extended	48.613636					William		0207001	38.783	77.5823		
3	Detention Ponds	97	29.43598296	N/A	N/A	N/A	County	51153	00504	7354	8172		
							Prince						-
10/9/20		9.3113687					William		0207001	38.765	77.5250		
12	Wet Pond	68	2.051565261	N/A	N/A	N/A	County	51153	00504	21438	1544		
							Prince						-
6/27/20	Water Quality	0.0779165					William		0207001	38.680	77.3198		
12	Inlet	71	0.072914099	N/A	N/A	N/A	County	51153	00802	33488	741		
							Prince						-
6/27/20	Water Quality	0.1749523					William		0207001	38.680	77.3198		
12	Inlet	91	0.174539183	N/A	N/A	N/A	County	51153	00802	08574	2749		
							Prince						-
8/20/20		4.5575494					William		0207001	38.780	77.4542		
13	Infiltration Trench	01	1.503391837	N/A	N/A	N/A	County	51153	00705	69549	1587		
							Prince						-
8/5/201	Underground	10.377131					William		0207001	38.790	77.5142		
3	Sand Filter	25	8.987967454	N/A	N/A	N/A	County	51153	00703	26372	6002		
							Prince						-
8/5/201	Hydrodynamic	0.4170326					William		0207001	38.791	77.5132		
3	Structures	07	0.403903778	N/A	N/A	N/A	County	51153	00703	31877	028		
							Prince						-
8/9/201	Dry Extended	13.558004					William		0207001	38.667	77.2466		
3	Detention Ponds	65	6.932683508	N/A	N/A	N/A	County	51153	00803	77526	9971		
							Prince						-
8/1/201	Dry Extended	21.515790					William		0207001	38.782	77.5755		
3	Detention Ponds	08	5.293917376	N/A	N/A	N/A	County	51153	00504	95374	5619		
							Prince						-
8/20/20	Dry Extended	2.9586732					William		0207001	38.780	77.4535		
13	Detention Ponds	04	0.572130861	N/A	N/A	N/A	County	51153	00705	6688	651		
							Prince						-
8/13/20	Bioretention, soils	4.3810326					William		0207001	38.712	77.5179		
13	unknown	6	0.887260445	N/A	N/A	N/A	County	51153	00504	28071	1831		
							Prince						-
8/14/20		0.1128597					William		0207001	38.654	77.3070		
13	Dry Well	67	0.090041971	N/A	N/A	N/A	County	51153	00804	40423	7362		
							Prince						-
11/8/20	Water Quality	0.0781063					William		0207001	38.795	77.6174		
13	Inlet	82	0.044147008	N/A	N/A	N/A	County	51153	00504	10474	9946		

1/13/20	Water Quality	0.1927340					Prince					-
14	Inlet	32	0.1815593	N/A	N/A	N/A	William	51153	0207001	38.766	77.6051	
							County		00504	86098	8132	
							Prince					-
4/14/20		12.152923					William		0207001	38.583	77.2918	
14	Filtering Practices	34	4.990508253	N/A	N/A	N/A	County	51153	10103	71813	0686	
							Prince					-
10/31/2		0.5977430					William		0207001	38.808	77.6259	
013	Filtering Practices	94	0.531105419	N/A	N/A	N/A	County	51153	00502	05871	0439	
							Prince					-
12/13/2		0.1832489					William		0207001	38.926	77.6624	
013	Infiltration Trench	7	0.020293631	N/A	N/A	N/A	County	51153	00701	15672	3671	
							Prince					-
2/3/201	Dry Extended	14.710444					William		0207001	38.719	77.4580	
4	Detention Ponds	54	1.724275222	N/A	N/A	N/A	County	51153	00801	14593	514	
							Prince					-
5/22/20	Dry Detention	0.3776750					William		0207001	38.674	77.2641	
14	Ponds	83	0.326478583	N/A	N/A	N/A	County	51153	00803	77417	1659	
							Prince					-
12/1/20	Dry Extended	0.1027298					William		0207001	38.720	77.4600	
03	Detention Ponds	51	0	N/A	N/A	N/A	County	51153	00801	91101	1086	
							Prince					-
1/7/201	Dry Extended	78.871959					William		0207001	38.594	77.2930	
4	Detention Ponds	07	37.14026843	N/A	N/A	N/A	County	51153	10103	49729	6428	
							Prince					-
11/18/2	Dry Extended	15.149903					William		0207001	38.593	77.3052	
013	Detention Ponds	6	4.564509068	N/A	N/A	N/A	County	51153	10103	32933	8857	
							Prince					-
1/13/20	Water Quality	0.0586314					William		0207001	38.766	77.6042	
14	Inlet	25	0.021746656	N/A	N/A	N/A	County	51153	00504	78267	7449	
							Prince					-
9/17/20	Dry Extended	1.1921269					William		0207001	38.770	77.4972	
13	Detention Ponds	96	0.868684854	N/A	N/A	N/A	County	51153	00703	1312	3894	
							Prince					-
1/13/20	Water Quality	0.1503472					William		0207001	38.767	77.6051	
14	Inlet	54	0.04441021	N/A	N/A	N/A	County	51153	00504	6054	9131	
							Prince					-
4/1/200	Dry Extended	39.566317					William		0207001	38.773	77.6146	
7	Detention Ponds	46	9.49463348	N/A	N/A	N/A	County	51153	00504	33462	7391	
							Prince					-
9/30/20		189.09629					William		0207001	38.721	77.5497	
13	Wet Pond	1	54.73898325	N/A	N/A	N/A	County	51153	00503	41328	6657	
							Prince					-
1/14/20		27.787913					William		0207001	38.589	77.3123	
14	Wet Pond	74	6.55875244	N/A	N/A	N/A	County	51153	10104	9145	0254	

3/25/2008	Hydrodynamic Structures	0.776348273	0.5498608	N/A	N/A	N/A	Prince William County	51153	020700100504	38.75071596	77.54835948
6/1/1997	Dry Extended Detention Ponds	4.080176768	1.21062354	N/A	N/A	N/A	Prince William County	51153	020700100804	38.66010861	77.3615882
1/28/2014	Dry Extended Detention Ponds	9.641277215	5.045521137	N/A	N/A	N/A	Prince William County	51153	020700100803	38.67389608	77.26142427
12/4/2013	Dry Extended Detention Ponds	0.025675509	0	N/A	N/A	N/A	Prince William County	51153	020700100802	38.68148515	77.32523502
1/28/2014	Dry Extended Detention Ponds	1.269611059	0.040383162	N/A	N/A	N/A	Prince William County	51153	020700100803	38.67380803	77.26085902
9/17/2013	Water Quality Inlet	0.063967316	0.04204787	N/A	N/A	N/A	Prince William County	51153	020700100703	38.77005429	77.49740698
11/8/2013	Hydrodynamic Structures	0.011494159	0.00578461	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79515102	77.61751927
10/29/2013	Dry Extended Detention Ponds	13.13429301	5.432360007	N/A	N/A	N/A	Prince William County	51153	020700110104	38.56975605	77.33512843
9/30/2013	Wet Pond	8.681711928	3.924410455	N/A	N/A	N/A	Prince William County	51153	020700100504	38.72471476	77.54734059
1/7/2014	Dry Extended Detention Ponds	36.65980036	16.75155837	N/A	N/A	N/A	Prince William County	51153	020700110103	38.59703077	77.29747585
1/10/2014	Dry Extended Detention Ponds	72.72723859	15.9844505	N/A	N/A	N/A	Prince William County	51153	020700100504	38.71779085	77.4769425
12/3/2013	Dry Detention Ponds	0.848293578	0.644807147	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79404828	77.61319439
2/3/2014	Dry Extended Detention Ponds	9.076830087	3.441448809	N/A	N/A	N/A	Prince William County	51153	020700100801	38.72344961	77.45832984
1/23/2014	Bioretention, soils unknown	0.557142185	0.10582952	N/A	N/A	N/A	Prince William County	51153	020700100804	38.6253687	77.33869047
1/10/2014	Underground Sand Filter	1.019008322	0.44295873	N/A	N/A	N/A	Prince William County	51153	020700100705	38.79496575	77.45804872

5/27/20	Dry Detention	4.9682642					Prince						-
14	Ponds	31	3.28709689	N/A	N/A	N/A	William	51153	0207001	38.635	77.2724		
							County		00804	12505	0814		
							Prince						-
10/31/2	Dry Detention	0.1437323					William		0207001	38.807	77.6263		
013	Ponds	17	0.070234022	N/A	N/A	N/A	County	51153	00502	94218	9365		
							Prince						-
12/1/20	Dry Extended	0.8064422					William		0207001	38.656	77.4033		
02	Detention Ponds	87	0.161152185	N/A	N/A	N/A	County	51153	10103	03751	3807		
							Prince						-
2/10/20	Dry Extended	27.045901					William		0207001	38.733	77.5390		
14	Detention Ponds	62	11.93733589	N/A	N/A	N/A	County	51153	00504	27854	9821		
							Prince						-
9/17/20	Water Quality	0.1076316					William		0207001	38.770	77.4974		
13	Inlet	41	0.053206361	N/A	N/A	N/A	County	51153	00703	11026	0242		
							Prince						-
11/5/20	Dry Extended	5.4360832					William		0207001	38.751	77.5509		
13	Detention Ponds	95	1.646396364	N/A	N/A	N/A	County	51153	00504	08128	1906		
							Prince						-
11/8/20	Water Quality	1.3995979					William		0207001	38.795	77.6182		
13	Inlet	16	0.109539695	N/A	N/A	N/A	County	51153	00504	49409	8923		
							Prince						-
7/1/199	Dry Extended	28.452719					William		0207001	38.593	77.3081		
7	Detention Ponds	52	6.819754357	N/A	N/A	N/A	County	51153	10103	11844	6013		
							Prince						-
2/18/20	Hydrodynamic	0.6633347					William		0207001	38.844	77.6395		
14	Structures	8	0.005301678	N/A	N/A	N/A	County	51153	00702	03956	3547		
							Prince						-
7/1/200	Dry Extended	37.518750					William		0207001	38.785	77.5319		
0	Detention Ponds	46	14.85853063	N/A	N/A	N/A	County	51153	00504	70229	8849		
							Prince						-
7/1/200	Wet Pond	57.464205					William		0207001	38.782	77.5292		
0		67	26.22761624	N/A	N/A	N/A	County	51153	00504	46006	665		
							Prince						-
7/1/199	Dry Extended	29.894828					William		0207001	38.594	77.3050		
7	Detention Ponds	76	9.82461477	N/A	N/A	N/A	County	51153	10103	1639	01		
							Prince						-
1/1/200	Wet Pond	227.24820					William		0207001	38.788	77.5153		
0		67	114.6165716	N/A	N/A	N/A	County	51153	00703	71817	8542		
							Prince						-
1/13/20	Water Quality	0.2645435					William		0207001	38.767	77.6050		
14	Inlet	25	0.184404597	N/A	N/A	N/A	County	51153	00504	388	2164		
							Prince						-
7/1/199	Dry Detention	3.0425236					William		0207001	38.645	77.2657		
5	Ponds	94	0.985284845	N/A	N/A	N/A	County	51153	00805	12739	4262		

1/10/20		18.118718					Prince				-
14	Wet Pond	72	1.851805441	N/A	N/A	N/A	William	51153	0207001	38.750	77.6082
							County		00504	70447	5041
							Prince				-
1/13/20	Water Quality						William		0207001	38.766	77.6049
14	Inlet	1.0349406	0.789597023	N/A	N/A	N/A	County	51153	00504	93562	9171
							Prince				-
10/1/20	Dry Extended	14.702695					William		0207001	38.567	77.3058
04	Detention Ponds	6	3.231637052	N/A	N/A	N/A	County	51153	10104	90486	3308
							Prince				-
11/18/2	Dry Extended	7.0866049					William		0207001	38.592	77.3085
013	Detention Ponds	46	3.905067066	N/A	N/A	N/A	County	51153	10103	94925	7768
							Prince				-
8/1/199	Dry Extended	7.0975667					William		0207001	38.656	77.3401
5	Detention Ponds	37	3.755059258	N/A	N/A	N/A	County	51153	00804	48964	1001
							Prince				-
4/1/200		324.69078					William		0207001	38.547	77.3376
4	Infiltration Trench	07	40.58518402	N/A	N/A	N/A	County	51153	10104	30875	4736
							Prince				-
10/31/2	Dry Detention	0.1323393					William		0207001	38.808	77.6260
013	Ponds	09	0.088513678	N/A	N/A	N/A	County	51153	00502	04882	849
							Prince				-
5/5/201	Dry Detention	1.6168824					William		0207001	38.778	77.4527
4	Ponds	38	0.876923115	N/A	N/A	N/A	County	51153	00705	40087	1547
							Prince				-
11/8/20	Water Quality	0.0135820					William		0207001	38.795	77.6175
13	Inlet	89	0	N/A	N/A	N/A	County	51153	00504	0889	5322
							Prince				-
2/3/201		18.765152					William		0207001	38.721	77.4587
4	Wet Pond	41	5.664479458	N/A	N/A	N/A	County	51153	00801	14497	9524
							Prince				-
11/13/2	Dry Extended	3.5653236					William		0207001	38.792	77.6675
013	Detention Ponds	8	0	N/A	N/A	N/A	County	51153	00502	68231	7852
							Prince				-
1/23/20	Dry Extended	7.4131864					William		0207001	38.624	77.3369
14	Detention Ponds	88	2.526029549	N/A	N/A	N/A	County	51153	00804	12663	6427
							Prince				-
12/13/2		0.1824364					William		0207001	38.926	77.6626
013	Infiltration Trench	99	0.030764081	N/A	N/A	N/A	County	51153	00701	239	8649
							Prince				-
9/1/199	Dry Detention	0.0066858					William		0207001	38.680	77.3245
7	Ponds	38	0.005474992	N/A	N/A	N/A	County	51153	00802	66834	6646
							Prince				-
1/13/20	Water Quality	0.7325321					William		0207001	38.767	77.6048
14	Inlet	23	0.231163155	N/A	N/A	N/A	County	51153	00504	8065	1057

5/21/20	Dry Extended	3.1662250					Prince						-
13	Detention Ponds	16	1.161925969	N/A	N/A	N/A	William	51153	0207001	38.656	77.3946		
							County		00804	98723	8158		
							Prince						-
6/6/201	Bioretention, soils	0.2732501					William		0207001	38.770	77.5950		
3	unknown	05	0.073023335	N/A	N/A	N/A	County	51153	00504	42947	0504		
							Prince						-
4/26/20		7.9573287					William		0207001	38.584	77.2918		
13	Filtering Practices	29	3.910656335	N/A	N/A	N/A	County	51153	10103	68815	0329		
							Prince						-
5/21/20		5.8672357					William		0207001	38.658	77.3944		
13	Infiltration Trench	56	3.527142581	N/A	N/A	N/A	County	51153	00804	11542	0891		
							Prince						-
3/1/200	Dry Extended	11.183400					William		0207001	38.648	77.3775		
1	Detention Ponds	85	3.192768017	N/A	N/A	N/A	County	51153	00804	92271	5258		
							Prince						-
6/6/201	Bioretention, soils	0.9315848					William		0207001	38.770	77.5961		
3	unknown	44	0.127729263	N/A	N/A	N/A	County	51153	00504	04363	1238		
							Prince						-
4/26/20		1.1401090					William		0207001	38.588	77.2867		
13	Filtering Practices	41	0.774970037	N/A	N/A	N/A	County	51153	10103	22586	0718		
							Prince						-
6/6/201	Bioretention, soils	0.2838302					William		0207001	38.770	77.5948		
3	unknown	68	0.092489956	N/A	N/A	N/A	County	51153	00504	41887	7806		
							Prince						-
7/1/199	Dry Extended	22.770079					William		0207001	38.607	77.2881		
3	Detention Ponds	65	6.35401161	N/A	N/A	N/A	County	51153	00804	65211	4786		
							Prince						-
6/7/201	Dry Extended	17.083860					William		0207001	38.540	77.3238		
3	Detention Ponds	05	6.304190301	N/A	N/A	N/A	County	51153	10104	46594	1747		
							Prince						-
6/19/20	Dry Extended	20.523803					William		0207001	38.601	77.3248		
13	Detention Ponds	25	5.771523116	N/A	N/A	N/A	County	51153	10103	50319	7881		
							Prince						-
5/21/20		0.4604639					William		0207001	38.658	77.3964		
13	Infiltration Trench	23	0.359675676	N/A	N/A	N/A	County	51153	10103	05951	4022		
							Prince						-
6/6/201	Water Quality	0.3870952					William		0207001	38.769	77.5959		
3	Inlet	23	0.228249432	N/A	N/A	N/A	County	51153	00504	55787	4217		
							Prince						-
6/6/201	Water Quality	0.8009948					William		0207001	38.770	77.5943		
3	Inlet	86	0.345738923	N/A	N/A	N/A	County	51153	00504	57261	2486		
							Prince						-
5/2/201	Dry Extended	1.1979435					William		0207001	38.794	77.4876		
3	Detention Ponds	07	0.181257552	N/A	N/A	N/A	County	51153	00703	19673	2858		

6/6/2013	Water Quality Inlet	0.873322812	0.107081742	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76964658	77.59599245	-
6/6/2013	Water Quality Inlet	0.279648403	0.144695713	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76953356	77.59603844	-
4/26/2013	Filtering Practices	12.14612379	4.526445764	N/A	N/A	N/A	Prince William County	51153	020700110103	38.58898871	77.28773988	-
5/31/2013	Filtering Practices	2.930663256	2.83185191	N/A	N/A	N/A	Prince William County	51153	020700100805	38.65130432	77.25707326	-
4/26/2013	Filtering Practices	3.389945837	1.715276693	N/A	N/A	N/A	Prince William County	51153	020700110103	38.58517251	77.28967366	-
4/12/2013	Wet Pond	142.166923	35.95848085	N/A	N/A	N/A	Prince William County	51153	020700100502	38.81384924	77.664684	-
6/6/2013	Bioretention, soils unknown	1.485875988	0.257148097	N/A	N/A	N/A	Prince William County	51153	020700100504	38.77066751	77.59505198	-
6/6/2013	Water Quality Inlet	0.431566078	0.245204479	N/A	N/A	N/A	Prince William County	51153	020700100504	38.77007345	77.59547226	-
4/26/2013	Filtering Practices	2.461923082	1.33644363	N/A	N/A	N/A	Prince William County	51153	020700110103	38.58798317	77.2886004	-
5/3/2013	Wet Pond	29.60914158	9.839703496	N/A	N/A	N/A	Prince William County	51153	020700100801	38.71710165	77.47037628	-
5/1/1993	Dry Extended Detention Ponds	0.003239002	0	N/A	N/A	N/A	Prince William County	51153	020700100804	38.64498842	77.37379279	-
5/24/2013	Hydrodynamic Structures	0.016126759	0	N/A	N/A	N/A	Prince William County	51153	020700100504	38.75718479	77.53619684	-
5/21/2013	Infiltration Trench	0.348948015	0.240766726	N/A	N/A	N/A	Prince William County	51153	020700110103	38.65814897	77.39610458	-
6/6/2013	Water Quality Inlet	0.324865734	0.142005174	N/A	N/A	N/A	Prince William County	51153	020700100504	38.77001969	77.59472526	-
6/26/2013	Dry Extended Detention Ponds	11.87532487	3.783747783	N/A	N/A	N/A	Prince William County	51153	020700100504	38.72137265	77.48052069	-

6/6/2013	Water Quality Inlet	0.020514906	0.007863451	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76962722	77.59606712	-
5/31/2013	Hydrodynamic Structures	0.057337067	0.057337067	N/A	N/A	N/A	Prince William County	51153	020700100805	38.65118734	77.25738122	-
4/26/2013	Filtering Practices	0.014204291	0	N/A	N/A	N/A	Prince William County	51153	020700110103	38.58800849	77.286397	-
6/6/2013	Water Quality Inlet	0.025825291	0.004468767	N/A	N/A	N/A	Prince William County	51153	020700100504	38.77058846	77.594204	-
5/1/2013	Bioretention, soils unknown	0.3644817	0.175299196	N/A	N/A	N/A	Prince William County	51153	020700100804	38.60042503	77.26141211	-
4/26/2013	Filtering Practices	0.009158099	0	N/A	N/A	N/A	Prince William County	51153	020700110103	38.58557308	77.2885165	-
4/24/2013	Dry Extended Detention Ponds	24.68010811	4.557998421	N/A	N/A	N/A	Prince William County	51153	020700110103	38.63247421	77.41530063	-
6/6/2013	Water Quality Inlet	0.639429951	0.287260552	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76932132	77.59720443	-
5/21/2013	Infiltration Trench	5.552234596	0.87748702	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65739068	77.39279571	-
6/19/2013	Dry Extended Detention Ponds	64.65129567	11.52480813	N/A	N/A	N/A	Prince William County	51153	020700110103	38.60355047	77.32861547	-
5/8/2013	Bioretention, soils unknown	1.445342816	0.268086085	N/A	N/A	N/A	Prince William County	51153	020700100502	38.77435485	77.62597549	-
6/6/2013	Water Quality Inlet	0.232078111	0.041446402	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76956395	77.59711423	-
4/12/2013	Wet Pond	61.78538529	1.408684134	N/A	N/A	N/A	Prince William County	51153	020700100502	38.81546103	77.67069248	-
6/6/2013	Water Quality Inlet	0.032181301	0.010699923	N/A	N/A	N/A	Prince William County	51153	020700100504	38.77003144	77.59558333	-
5/2/2013	Bioretention, soils unknown	1.178624232	0.527783516	N/A	N/A	N/A	Prince William County	51153	020700100703	38.79422712	77.48780238	-

11/1/19	Dry Extended	14.911455					Prince						-
96	Detention Ponds	32	5.703381113	N/A	N/A	N/A	William	51153	0207001	38.605	77.2827		
							County		00804	74982	3646		
							Prince						-
6/12/20	Hydrodynamic	0.4315291					William		0207001	38.786	77.5703		
13	Structures	68	0.297043265	N/A	N/A	N/A	County	51153	00504	27518	451		
							Prince						-
4/26/20		0.8518198					William		0207001	38.588	77.2868		
13	Filtering Practices	23	0.351264069	N/A	N/A	N/A	County	51153	10103	37681	1365		
							Prince						-
7/24/20	Dry Detention	1.8407420					William		0207001	38.791	77.5663		
13	Ponds	59	0	N/A	N/A	N/A	County	51153	00703	908	344		
							Prince						-
7/24/20	Hydrodynamic	0.2243563					William		0207001	38.792	77.5680		
13	Structures	5	0	N/A	N/A	N/A	County	51153	00703	18748	8227		
							Prince						-
7/23/20	Dry Extended	2.8557141					William		0207001	38.869	77.6332		
13	Detention Ponds	82	0.002261126	N/A	N/A	N/A	County	51153	00701	6394	1772		
							Prince						-
7/24/20	Dry Extended	24.905351					William		0207001	38.793	77.5659		
13	Detention Ponds	6	0.335399829	N/A	N/A	N/A	County	51153	00703	83291	5904		
							Prince						-
6/1/200	Dry Extended	4.1209523					William		0207001	38.635	77.2825		
0	Detention Ponds	09	2.05625903	N/A	N/A	N/A	County	51153	00804	14934	7898		
							Prince						-
7/19/20		51.554532					William		0207001	38.538	77.3169		
13	Wet Pond	91	14.61688121	N/A	N/A	N/A	County	51153	10104	64374	0405		
							Prince						-
7/2/201	Dry Detention	1.5416185					William		0207001	38.637	77.2986		
3	Ponds	42	1.192595611	N/A	N/A	N/A	County	51153	00804	88075	2228		
							Prince						-
7/24/20		0.0958118					William		0207001	38.792	77.5663		
13	Filtering Practices	81	0	N/A	N/A	N/A	County	51153	00703	28292	1984		
							Prince						-
8/29/20	Bioretention, soils	0.0126577					William		0207001	38.666	77.2988		
13	unknown	39	0.002078482	N/A	N/A	N/A	County	51153	00802	01061	0217		
							Prince						-
8/29/20	Dry Extended	0.0091904					William		0207001	38.666	77.2985		
13	Detention Ponds	18	0.009190418	N/A	N/A	N/A	County	51153	00802	29668	1885		
							Prince						-
4/16/20	Dry Extended	88.428721					William		0207001	38.762	77.6102		
09	Detention Ponds	29	34.65453155	N/A	N/A	N/A	County	51153	00504	10678	332		
							Prince						-
8/29/20	Bioretention, soils	0.0677167					William		0207001	38.666	77.2987		
13	unknown	38	0.026254148	N/A	N/A	N/A	County	51153	00802	75963	1825		

10/19/2009	Wet Pond	2.656353084	1.655517529	N/A	N/A	N/A	Prince William County	51153	020700100802	38.66322386	77.29844898	-
8/29/2013	Bioretention, soils unknown	0.080786134	0.062403005	N/A	N/A	N/A	Prince William County	51153	020700100802	38.66533523	77.2985298	-
6/22/2011	Dry Extended Detention Ponds	4.291938531	2.031045127	N/A	N/A	N/A	Prince William County	51153	020700100702	38.82242544	77.6372133	-
11/8/2013	Water Quality Inlet	0.385276013	0.325795298	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79509419	77.61820735	-
11/8/2013	Water Quality Inlet	6.639085749	2.520200163	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79581505	77.61760833	-
1/13/2014	Water Quality Inlet	0.553192177	0.334828728	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76721883	77.60515295	-
6/1/1999	Wet Pond	9.833748064	5.86501451	N/A	N/A	N/A	Prince William County	51153	020700100703	38.76945855	77.49731339	-
1/13/2014	Water Quality Inlet	0.664468232	0.494174069	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76694001	77.60541632	-
6/22/2011	Dry Extended Detention Ponds	10.21722963	0.386693588	N/A	N/A	N/A	Prince William County	51153	020700100702	38.82223478	77.64352706	-
4/24/2014	Dry Extended Detention Ponds	0.038476793	0.004428244	N/A	N/A	N/A	Prince William County	51153	020700110104	38.56382397	77.29871213	-
11/8/2013	Water Quality Inlet	0.779508419	0.769089252	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79530648	77.61772686	-
4/1/2000	Dry Extended Detention Ponds	22.19666453	2.191173169	N/A	N/A	N/A	Prince William County	51153	020700100801	38.71471007	77.41337716	-
3/1/2004	Dry Detention Ponds	2.731270231	1.827169497	N/A	N/A	N/A	Prince William County	51153	020700100703	38.77940277	77.51251	-
9/1/2003	Wet Pond	1.058412743	0.081152132	N/A	N/A	N/A	Prince William County	51153	020700110103	38.62496854	77.36442281	-
3/1/2004	Dry Extended Detention Ponds	1.995058586	1.668367129	N/A	N/A	N/A	Prince William County	51153	020700100703	38.77083907	77.49735369	-

10/28/2013	Dry Extended Detention Ponds	6.689458147	0.879060574	N/A	N/A	N/A	Prince William County	51153	020700100504	38.7292329	77.54032507	-
12/3/2013	Filtering Practices	0.519290704	0.323574169	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79369499	77.61309346	-
5/8/2014	Hydrodynamic Structures	0.142823309	0.126264125	N/A	N/A	N/A	Prince William County	51153	020700100705	38.77774865	77.45280757	-
11/8/2013	Water Quality Inlet	0.02114644	0.02114644	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79526771	77.61771288	-
5/13/2014	Dry Extended Detention Ponds	47.75432078	10.50467825	N/A	N/A	N/A	Prince William County	51153	020700100702	38.85748125	77.64395134	-
2/1/1997	Dry Extended Detention Ponds	5.383665967	0.726372601	N/A	N/A	N/A	Prince William County	51153	020700100801	38.6850885	77.44455069	-
11/8/2013	Water Quality Inlet	0.03699221	0.032849324	N/A	N/A	N/A	Prince William County	51153	020700100504	38.79498919	77.61804484	-
5/8/2014	Infiltration Trench	0.596433207	0.445810685	N/A	N/A	N/A	Prince William County	51153	020700100705	38.77787638	77.45286058	-
10/28/2013	Dry Extended Detention Ponds	2.378901252	0.457071663	N/A	N/A	N/A	Prince William County	51153	020700100504	38.73046991	77.54163891	-
1/13/2014	Filtering Practices	0.300404345	0.280996411	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76705169	77.60489715	-
3/6/2014	Infiltration Trench	0.552672974	0.321879914	N/A	N/A	N/A	Prince William County	51153	020700100802	38.68537747	77.3108612	-
12/5/2013	Dry Extended Detention Ponds	0.131482845	0	N/A	N/A	N/A	Prince William County	51153	020700100805	38.6450079	77.26692301	-
1/13/2014	Water Quality Inlet	0.05337421	0.037066886	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76679973	77.60536161	-
10/31/2013	Dry Extended Detention Ponds	5.365540652	3.088928415	N/A	N/A	N/A	Prince William County	51153	020700100702	38.80992233	77.62492757	-
5/19/2014	Dry Extended Detention Ponds	42.30635016	2.079390333	N/A	N/A	N/A	Prince William County	51153	020700100606	38.68488507	77.57776301	-

10/31/2013	Filtering Practices	0.34677472	0.205978178	N/A	N/A	N/A	Prince William County	51153	020700100502	38.80819345	77.62639761	-
1/1/2004	Infiltration Trench	0.441079796	0.233637808	N/A	N/A	N/A	Prince William County	51153	020700100703	38.76999617	77.49243222	-
6/16/2014	Infiltration Trench	0.95814939	0.634113144	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76704758	77.52574339	-
6/16/2014	Infiltration Trench	0.015773126	0.01565587	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76800183	77.52531581	-
6/16/2014	Water Quality Inlet	0.983462632	0.783329724	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76782439	77.52528319	-
6/16/2014	Water Quality Inlet	28.10669665	5.832065115	N/A	N/A	N/A	Prince William County	51153	020700100504	38.76799194	77.52517199	-
6/20/2014	Wet Pond	0.044963518	0	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65804985	77.29299481	-
6/24/2014	Infiltration Trench	3.082382345	1.466241577	N/A	N/A	N/A	Prince William County	51153	020700100703	38.76990819	77.49161303	-
7/9/2014	Dry Extended Detention Ponds	16.05833861	8.203701536	N/A	N/A	N/A	Prince William County	51153	020700100804	38.65805576	77.35571989	-
7/11/2014	Dry Extended Detention Ponds	0.040641305	0	N/A	N/A	N/A	Prince William County	51153	020700110104	38.6219491	77.40025573	-
3/1/1994	Dry Extended Detention Ponds	13.57735769	3.276334027	N/A	N/A	N/A	Prince William County	51153	020700110104	38.620809	77.39828359	-
7/16/2014	Wet Pond	45.97601344	14.48711749	N/A	N/A	N/A	Prince William County	51153	020700100802	38.67898987	77.34270872	-
7/16/2014	Wet Pond	12.17234998	6.080789672	N/A	N/A	N/A	Prince William County	51153	020700100802	38.68192629	77.34450235	-
7/15/2014	Wet Pond	2.287818886	1.24806037	N/A	N/A	N/A	Prince William County	51153	020700100703	38.78610402	77.50997696	-
7/15/2014	Infiltration Trench	0.038189352	0.014313411	N/A	N/A	N/A	Prince William County	51153	020700100703	38.78661997	77.51021726	-

7/16/20	Dry Extended	11.549421					Prince						-
14	Detention Ponds	08	5.372472965	N/A	N/A	N/A	William	51153	0207001	38.682	77.3472		
							County		00802	74025	306		
							Prince						-
7/21/20	Dry Extended	1.5979309					William		0207001	38.650	77.2759		
14	Detention Ponds	09	0.717818065	N/A	N/A	N/A	County	51153	00805	98359	1579		
							Prince						-
7/21/20	Dry Extended	3.5644444					William		0207001	38.651	77.2765		
14	Detention Ponds	26	1.82796483	N/A	N/A	N/A	County	51153	00805	7352	0536		
							Prince						-
7/22/20		3.9341744					William		0207001	38.796	77.5390		
14	Wet Pond	65	0.23986277	N/A	N/A	N/A	County	51153	00703	36094	2754		
							Prince						-
7/28/20	Dry Extended	0.9748230					William		0207001	38.573	77.3314		
14	Detention Ponds	17	0	N/A	N/A	N/A	County	51153	10104	61589	3022		
							Prince						-
7/28/20	Dry Extended	36.511251					William		0207001	38.573	77.3352		
14	Detention Ponds	33	14.07289333	N/A	N/A	N/A	County	51153	10104	02575	6631		
							Prince						-
7/28/20		26.389430					William		0207001	38.570	77.3384		
14	Wet Pond	81	12.36890747	N/A	N/A	N/A	County	51153	10104	65484	3135		
							Prince						-
7/28/20	Dry Extended	2.2685923					William		0207001	38.569	77.3403		
14	Detention Ponds	08	0.395469523	N/A	N/A	N/A	County	51153	10104	91692	192		
							Prince						-
8/8/201	Dry Extended	35.915459					William		0207001	38.551	77.3397		
4	Detention Ponds	57	12.58484947	N/A	N/A	N/A	County	51153	10104	0078	969		
							Prince						-
8/11/20	Dry Extended	4.0356797					William		0207001	38.552	77.3520		
14	Detention Ponds	38	2.489776983	N/A	N/A	N/A	County	51153	10104	90275	3052		
							Prince						-
8/11/20	Dry Extended	7.5294459					William		0207001	38.553	77.3530		
14	Detention Ponds	89	2.609183309	N/A	N/A	N/A	County	51153	10104	8476	2706		
							Prince						-
9/1/199	Hydrodynamic	0.0115124					William		0207001	38.650	77.2956		
5	Structures	3	0.00866825	N/A	N/A	N/A	County	51153	00804	90392	4518		
							Prince						-
4/1/199	Dry Detention	4.0750669					William		0207001	38.646	77.2640		
6	Ponds	72	2.658767611	N/A	N/A	N/A	County	51153	00805	76318	5311		
							Prince						-
10/2/20	Dry Extended	1.3894493					William		0207001	38.881	77.6338		
14	Detention Ponds	11	0.916377252	N/A	N/A	N/A	County	51153	00701	14986	3078		
							Prince						-
10/20/2		55.344995					William		0207001	38.847	77.6505		
014	Wet Pond	11	20.15608429	N/A	N/A	N/A	County	51153	00702	64134	4377		

10/20/2		44.775159					Prince				-
014	Wet Pond	84	14.57298068	N/A	N/A	N/A	William	51153	0207001	38.851	77.6471
							County		00702	59143	8659
							Prince				-
10/20/2		13.213455					William		0207001	38.852	77.6422
014	Wet Pond	07	2.548485511	N/A	N/A	N/A	County	51153	00702	12654	8687
							Prince				-
10/20/2		49.173009					William		0207001	38.852	77.6401
014	Wet Pond	56	2.548006132	N/A	N/A	N/A	County	51153	00702	09055	572
							Prince				-
11/10/2	Dry Extended	21.222918					William		0207001	38.854	77.6512
014	Detention Ponds	66	2.222577717	N/A	N/A	N/A	County	51153	00702	75405	415
							Prince				-
11/20/2	Hydrodynamic	1.7708227					William		0207001	38.788	77.5138
014	Structures	15	1.296287282	N/A	N/A	N/A	County	51153	00703	29954	2358
							Prince				-
11/24/2		14.312479					William		0207001	38.841	77.6332
014	Wet Pond	21	3.762485101	N/A	N/A	N/A	County	51153	00702	20813	8831
							Prince				-
11/24/2	Dry Extended	24.895621					William		0207001	38.841	77.6310
014	Detention Ponds	92	8.273854761	N/A	N/A	N/A	County	51153	00702	65171	0321
							Prince				-
12/1/19		6.2803349					William		0207001	38.674	77.2802
97	Wet Pond	18	3.07333728	N/A	N/A	N/A	County	51153	00802	45909	0535
							Prince				-
8/21/20	Dry Extended	3.5739552					William		0207001	38.771	77.5527
14	Detention Ponds	92	2.233401107	N/A	N/A	N/A	County	51153	00504	86914	8749
							Prince				-
8/21/20	Water Quality	0.0522659					William		0207001	38.908	77.6294
14	Inlet	98	0.010612149	N/A	N/A	N/A	County	51153	00701	70501	0844
							Prince				-
8/21/20	Water Quality	0.0893420					William		0207001	38.908	77.6295
14	Inlet	4	0.063009073	N/A	N/A	N/A	County	51153	00701	89059	1667
							Prince				-
8/21/20	Water Quality	0.0757700					William		0207001	38.909	77.6295
14	Inlet	66	0.034770014	N/A	N/A	N/A	County	51153	00701	04181	7792
							Prince				-
8/25/20	Dry Detention	0.7513266					William		0207001	38.799	77.4465
14	Ponds	54	0.592552393	N/A	N/A	N/A	County	51153	00705	51456	9426
							Prince				-
9/2/201		3.3489026					William		0207001	38.770	77.5554
4	Filtering Practices	1	0.045444422	N/A	N/A	N/A	County	51153	00504	24877	9251
							Prince				-
9/5/201	Hydrodynamic	0.6417071					William		0207001	38.680	77.3222
4	Structures	97	0.399963295	N/A	N/A	N/A	County	51153	00802	66285	3778

9/5/2014	Hydrodynamic Structures	0.187884215	0.179505278	N/A	N/A	N/A	Prince William County	51153	020700100802	38.68104918	77.32223581	-
9/5/2014	Dry Detention Ponds	0.507244505	0.326793223	N/A	N/A	N/A	Prince William County	51153	020700100802	38.68090523	77.32227982	-
9/8/2014	Water Quality Inlet	0.569758311	0.360579194	N/A	N/A	N/A	Prince William County	51153	020700100703	38.79594287	77.5177498	-
9/11/2014	Infiltration Trench	2.742352708	0.616147994	N/A	N/A	N/A	Prince William County	51153	020700110104	38.5837466	77.32982139	-
9/11/2014	Infiltration Trench	0.743603405	0.523281832	N/A	N/A	N/A	Prince William County	51153	020700100703	38.78067694	77.51406028	-
9/11/2014	Infiltration Trench	1.95073772	1.42027413	N/A	N/A	N/A	Prince William County	51153	020700100703	38.78067705	77.51495666	-
9/11/2014	Infiltration Trench	0.049779549	0.016468089	N/A	N/A	N/A	Prince William County	51153	020700100703	38.78025088	77.51600419	-
9/11/2014	Infiltration Trench	0.59906262	0.328639458	N/A	N/A	N/A	Prince William County	51153	020700100703	38.78005186	77.51578362	-
9/11/2014	Infiltration Trench	0.113055463	0.113055463	N/A	N/A	N/A	Prince William County	51153	020700100703	38.78064959	77.51486398	-
9/24/2014	Water Quality Inlet	0.047098652	0.037730782	N/A	N/A	N/A	Prince William County	51153	020700100802	38.67415998	77.27963034	-
11/1/1992	Dry Extended Detention Ponds	4.812371231	2.696578238	N/A	N/A	N/A	Prince William County	51153	020700100504	38.77181202	77.55458987	-
8/1/2001	Dry Extended Detention Ponds	5.31000543	3.630116191	N/A	N/A	N/A	Prince William County	51153	020700100504	38.75386975	77.53669508	-
6/1/1993	Dry Extended Detention Ponds	7.217553133	1.237360222	N/A	N/A	N/A	Prince William County	51153	020700100705	38.74043918	77.41876024	-
6/1/1993	Dry Extended Detention Ponds	6.507985089	0.755681433	N/A	N/A	N/A	Prince William County	51153	020700100705	38.74030819	77.41543074	-
8/1/1997	Dry Extended Detention Ponds	141.6418845	17.75060002	N/A	N/A	N/A	Prince William County	51153	020700100504	38.72809861	77.50164559	-

12/1/19	Dry Extended	3.6075948					Prince				-
96	Detention Ponds	62	0.670908157	N/A	N/A	N/A	William	51153	0207001	38.726	77.4872
							County		00504	6857	1624
							Prince				-
2/1/200		58.949256					William		0207001	38.725	77.4977
1	Wet Pond	06	7.139614247	N/A	N/A	N/A	County	51153	00504	22447	8903
							Prince				-
3/1/200	Dry Extended	1519.1032					William		0207001	38.693	77.3284
0	Detention Ponds	82	270.3706447	N/A	N/A	N/A	County	51153	00802	91359	1447
							Prince				-
8/1/199	Dry Extended	40.053468					William		0207001	38.688	77.3180
9	Detention Ponds	28	22.02092539	N/A	N/A	N/A	County	51153	00802	58996	5217
							Prince				-
3/1/200		28.444671					William		0207001	38.662	77.3057
5	Wet Pond	16	7.224675597	N/A	N/A	N/A	County	51153	00802	66159	6598
							Prince				-
9/1/199	Dry Detention	1.1959290					William		0207001	38.653	77.2557
5	Ponds	76	0.402200719	N/A	N/A	N/A	County	51153	00805	08483	7273
							Prince				-
9/1/200	Dry Extended	31.317790					William		0207001	38.822	77.6033
6	Detention Ponds	76	10.90478818	N/A	N/A	N/A	County	51153	00702	57206	1433
							Prince				-
12/22/2	Dry Extended	31.823088					William		0207001	38.618	77.3198
014	Detention Ponds	32	7.070853068	N/A	N/A	N/A	County	51153	00804	72693	6835
							Prince				-
12/19/2		1.7866358					William		0207001	38.773	77.6192
014	Infiltration Trench	67	0.659402463	N/A	N/A	N/A	County	51153	00502	03211	771
							Prince				-
12/19/2	Bioretention, soils	1.4823485					William		0207001	38.773	77.6189
014	unknown	39	0.444750684	N/A	N/A	N/A	County	51153	00502	22199	5427
							Prince				-
12/19/2	Dry Extended	0.0250234					William		0207001	38.773	77.6174
014	Detention Ponds	17	0.005344027	N/A	N/A	N/A	County	51153	00504	41366	5146
							Prince				-
1/5/201	Underground	23.233335					William		0207001	38.782	77.4493
5	Sand Filter	55	13.3419134	N/A	N/A	N/A	County	51153	00705	85063	5204
							Prince				-
1/7/201	Hydrodynamic	4.1592840					William		0207001	38.756	77.5348
5	Structures	32	1.320141583	N/A	N/A	N/A	County	51153	00504	91128	8837
							Prince				-
1/7/201		22.380310					William		0207001	38.676	77.3584
5	Wet Pond	88	6.331558108	N/A	N/A	N/A	County	51153	00804	54867	6402
							Prince				-
1/8/201	Dry Extended	23.457908					William		0207001	38.621	77.3708
5	Detention Ponds	72	7.726441114	N/A	N/A	N/A	County	51153	10103	2307	6271

1/9/2015	Bioretention, soils unknown	10.36962929	2.937998999	N/A	N/A	N/A	Prince William County Prince	51153	020700110103	38.62133869	77.36134726	-
2/4/2015	Hydrodynamic Structures	0.119650822	0.118467021	N/A	N/A	N/A	William County Prince	51153	020700100804	38.6112123	77.29071921	-
2/12/2015	Dry Extended Detention Ponds	20.33466997	8.282522272	N/A	N/A	N/A	William County Prince	51153	020700100804	38.6039888	77.29083424	-
2/20/2015	Dry Extended Detention Ponds	60.81576758	23.48945324	N/A	N/A	N/A	William County Prince	51153	020700100702	38.8479216	77.6383405	-
2/23/2015	Bioretention, soils unknown	1.795039279	1.273709366	N/A	N/A	N/A	William County Prince	51153	020700100804	38.63995044	77.29617101	-
3/26/2015	Dry Extended Detention Ponds	18.31977313	7.210525556	N/A	N/A	N/A	William County Prince	51153	020700110103	38.59769631	77.30746422	-
3/26/2015	Dry Extended Detention Ponds	1.979249877	1.00092557	N/A	N/A	N/A	William County Prince	51153	020700110103	38.59564763	77.30811348	-
3/26/2015	Dry Extended Detention Ponds	37.81075027	8.429484373	N/A	N/A	N/A	William County Prince	51153	020700110103	38.59573548	77.30885738	-
4/3/2015	Dry Extended Detention Ponds	1.11685713	0.317283853	N/A	N/A	N/A	William County Prince	51153	020700100504	38.73389824	77.54338525	-
4/3/2015	Filtering Practices	18.02662227	1.304988942	N/A	N/A	N/A	William County Prince	51153	020700100504	38.7339944	77.54333063	-
4/3/2015	Filtering Practices	1.355629013	0	N/A	N/A	N/A	William County Prince	51153	020700100504	38.73385193	77.5429746	-
4/7/2015	Hydrodynamic Structures	11.1007512	4.627366551	N/A	N/A	N/A	William County Prince	51153	020700100504	38.72768096	77.52798575	-
4/7/2015	Hydrodynamic Structures	0.058208707	0.058208707	N/A	N/A	N/A	William County Prince	51153	020700100504	38.72724699	77.52933523	-
4/7/2015	Hydrodynamic Structures	1.309095497	0.954699528	N/A	N/A	N/A	William County Prince	51153	020700100504	38.72667686	77.52981621	-
4/7/2015	Dry Extended Detention Ponds	0.973998677	0.212489041	N/A	N/A	N/A	William County Prince	51153	020700100504	38.72743106	77.5266896	-

4/7/2015	Dry Extended Detention Ponds	9.301262846	1.56336594	N/A	N/A	N/A	Prince William County Prince	51153	020700100504	38.7261209	77.52748279	-
4/16/2015	Bioretention, soils unknown	0.581908024	0.538996982	N/A	N/A	N/A	William County Prince	51153	020700100805	38.63876819	77.26868133	-
4/16/2015	Dry Extended Detention Ponds	124.0041702	76.57941267	N/A	N/A	N/A	William County Prince	51153	020700100703	38.77903677	77.50341049	-
4/22/2015	Dry Extended Detention Ponds	2.544251145	2.282523063	N/A	N/A	N/A	William County Prince	51153	020700100703	38.79403098	77.55207366	-
4/7/2015	Hydrodynamic Structures	0.46730241	0.46730241	N/A	N/A	N/A	William County Prince	51153	020700100504	38.72687717	77.52993693	-
4/7/2015	Dry Extended Detention Ponds	0.083806244	0.008087849	N/A	N/A	N/A	William County Prince	51153	020700100504	38.72697443	77.52578524	-
4/29/2015	Wet Pond	97.35414636	45.51894232	N/A	N/A	N/A	William County Prince	51153	020700100804	38.64507454	77.31473429	-
5/4/2015	Dry Extended Detention Ponds	0.298059607	0.167548902	N/A	N/A	N/A	William County Prince	51153	020700100504	38.77146075	77.55474695	-
5/14/2015	Dry Extended Detention Ponds	16.75018634	4.625440937	N/A	N/A	N/A	William County Prince	51153	020700100804	38.6383019	77.28466058	-
5/13/2015	Dry Extended Detention Ponds	73.50323403	7.826214045	N/A	N/A	N/A	William County Prince	51153	020700100705	38.7563044	77.44325282	-
6/16/2015	Hydrodynamic Structures	4.525640281	1.308462073	N/A	N/A	N/A	William County Prince	51153	020700100804	38.61220847	77.28805254	-
6/16/2015	Filtering Practices	0.041367257	0.041367257	N/A	N/A	N/A	William County Prince	51153	020700100804	38.61227234	77.28819074	-
6/24/2015	Infiltration Trench	6.067378267	1.253754231	N/A	N/A	N/A	William County Prince	51153	020700100502	38.77490986	77.6212102	-
6/24/2015	Infiltration Trench	3.310351212	0.669243126	N/A	N/A	N/A	William County Prince	51153	020700100502	38.77421987	77.6205869	-
6/24/2015	Bioretention, soils unknown	20.87779063	1.877702635	N/A	N/A	N/A	William County Prince	51153	020700100504	38.77519631	77.618266	-

Appendix F – Dry Weather Monitoring

Outfall ID	Inspector	Date	Flow Present	Track Down Necessary	Track Down Complete	Notes
61	Prem Poudel	15-Jan-15	TRUE	FALSE	TRUE	Source of discharge- Snowmelt. Undersigned didn't get access. Outfall needs to be assessed and possibly added to MS4. NO ID, this ID: 61 is temporary one.
40762	Prem Poudel	15-Jan-15	TRUE	FALSE	TRUE	Source of discharge- Snowmelt.
40770	Prem Poudel	15-Jan-15	FALSE	FALSE	FALSE	Undersigned didn't get access.
22930	Prem Poudel	15-Jan-15	FALSE	FALSE	FALSE	Flow Line- Found to be blocked with sediment deposition by 1/2 depth of outfall
20086	Prem Poudel	15-Jan-15	FALSE	FALSE	FALSE	
19950	Prem Poudel	15-Jan-15	FALSE	FALSE	FALSE	
23443	Prem Poudel	15-Jan-15	FALSE	FALSE	FALSE	
19946	Prem Poudel	15-Jan-15	FALSE	FALSE	FALSE	Outfall found to be submerged into pondwater. Pond water iced on it's top.
53535	Prem Poudel	15-Jan-15	TRUE	FALSE	FALSE	Outfall found to be submerged into pond water. Pond water iced on it's top. Undersigned didn't get access into pond.
62	Prem Poudel	15-Jan-15	FALSE	FALSE	FALSE	Outfall needs to be assessed and possibly added to MS4. NO ID, this ID: 62 is temporary one. See the next map for exact location of outfall.
19429	Prem Poudel	15-Jan-15	FALSE	FALSE	FALSE	
38112	Prem Poudel	20-Jan-15	FALSE	FALSE	FALSE	
38116	Prem Poudel	20-Jan-15	FALSE	FALSE	FALSE	

7094	Prem Poudel	20-Jan-15	FALSE	FALSE	FALSE	
37191	Prem Poudel	20-Jan-15	FALSE	FALSE	FALSE	
37187	Prem Poudel	20-Jan-15	FALSE	FALSE	FALSE	
12056	Prem Poudel	20-Jan-15	FALSE	FALSE	FALSE	
12058	Prem Poudel	20-Jan-15	FALSE	FALSE	FALSE	
23516	Prem Poudel	20-Jan-15	FALSE	FALSE	FALSE	
12061	Prem Poudel	20-Jan-15	FALSE	FALSE	FALSE	
23519	Prem Poudel	20-Jan-15	FALSE	FALSE	FALSE	
7082	Prem Poudel	20-Jan-15	FALSE	FALSE	FALSE	Outfall Found to be backfilled (Gassed, storm sewer expanded and connected to sewer belongs to outfall ID: 12056)
60422	Prem Poudel	20-Jan-15	FALSE	FALSE	FALSE	
60340	Prem Poudel	20-Jan-15	TRUE	FALSE	TRUE	Discharge found to be generated thru upstream pond.
30257	Prem Poudel	20-Jan-15	FALSE	FALSE	FALSE	
30267	Prem Poudel	20-Jan-15	FALSE	FALSE	FALSE	
30269	Prem Poudel	20-Jan-15	FALSE	FALSE	FALSE	
30265	Prem Poudel	20-Jan-15	TRUE	FALSE	FALSE	Source of Discharge-Ground Water
30254	Prem Poudel	20-Jan-15	FALSE	FALSE	FALSE	Outfall found to be totally submerged into pond water.
38744	Prem Poudel	20-Jan-15	FALSE	FALSE	FALSE	

18698	Prem Poudel	23-Jan-15	FALSE	FALSE	FALSE	
18639	Prem Poudel	23-Jan-15	FALSE	FALSE	FALSE	
18654	Prem Poudel	23-Jan-15	TRUE	FALSE	TRUE	Source of Algae-Ground Water
11420	Prem Poudel	23-Jan-15	TRUE	FALSE	FALSE	Algae Growth in pool,Confirmed- because of high ground water
33082	Prem Poudel	23-Jan-15	FALSE	FALSE	FALSE	
33077	Prem Poudel	23-Jan-15	TRUE	TRUE	FALSE	Undersigned didn't get access into detention basin but observed algae growth
24231	Prem Poudel	23-Jan-15	FALSE	FALSE	FALSE	
33040	Prem Poudel	23-Jan-15	TRUE	FALSE	TRUE	Algae source confirmed- Ground Water
33047	Prem Poudel	23-Jan-15	TRUE	FALSE	TRUE	Source of discharge confirmed- Ground Water
5703	Prem Poudel	23-Jan-15	TRUE	FALSE	TRUE	Source of discharge confirmed- Ground Water
26750	Prem Poudel	02-Feb-15	TRUE	FALSE	FALSE	
26672	Prem Poudel	02-Feb-15	TRUE	FALSE	TRUE	
26667	Prem Poudel	02-Feb-15	TRUE	FALSE	TRUE	
26678	Prem Poudel	02-Feb-15	TRUE	FALSE	TRUE	
63	Prem Poudel	02-Feb-15	TRUE	FALSE	TRUE	
30024	Prem Poudel	02-Feb-15	FALSE	FALSE	FALSE	
30028	Prem Poudel	02-Feb-15	TRUE	FALSE	TRUE	Source of discharge- Melted Snow

30030	Prem Poudel	02-Feb-15	FALSE	FALSE	FALSE	
19173	Prem Poudel	02-Feb-15	FALSE	FALSE	FALSE	Outfall found to be totally blocked with sediments
12214	Prem Poudel	02-Feb-15	FALSE	FALSE	FALSE	Outfall was found to be totally blocked with sediment and dead leaf clippers.
12199	Prem Poudel	02-Feb-15	TRUE	TRUE	FALSE	The inclusive investigation need to be confirmed about source of discharge since it was very light rain(0 .03 inch) this morning and observed melting snow pile because of two days ago snow fall at parking lot .
29576	Prem Poudel	03-Feb-15	TRUE	FALSE	FALSE	Source of discharge- Melted snow.
52107	Prem Poudel	03-Feb-15	FALSE	FALSE	FALSE	
47503	Prem Poudel	03-Feb-15	FALSE	FALSE	FALSE	
47498	Prem Poudel	03-Feb-15	FALSE	FALSE	FALSE	
21728	Prem Poudel	03-Feb-15	FALSE	FALSE	FALSE	
47473	Prem Poudel	03-Feb-15	FALSE	FALSE	FALSE	
47471	Prem Poudel	03-Feb-15	FALSE	FALSE	FALSE	
47483	Prem Poudel	03-Feb-15	FALSE	FALSE	FALSE	
21730	Prem poudel	03-Feb-15	FALSE	FALSE	FALSE	Outfall was found to be blocked with sediment and leaf clippers by 1/2 of it's depth.
21741	Prem Poudel	03-Feb-15	FALSE	FALSE	FALSE	
47516	Prem Poudel	03-Feb-15	FALSE	FALSE	FALSE	
47513	Prem Poudel	03-Feb-15	FALSE	FALSE	FALSE	

21745	Prem Poudel	03-Feb-15	FALSE	FALSE	FALSE	
64	Prem Poudel	03-Feb-15	TRUE	TRUE	FALSE	Observed sud on pool. Because of snow pile and light rain, it was difficult to confirm about source so that keep in re-inspection list.Outfall needs to be assessed and possibly added to MS4. NO ID, this ID:64 is temporary one.
35825	Prem Poudel	03-Feb-15	FALSE	FALSE	FALSE	
65	Prem Poudel	03-Feb-15	FALSE	FALSE	FALSE	
35827	Prem Poudel	03-Feb-15	FALSE	FALSE	FALSE	
29882	Prem Poudel	03-Feb-15	FALSE	FALSE	FALSE	Outfall found to be totally blocked with sediment deposition
29887	Prem Poudel	03-Feb-15	FALSE	FALSE	FALSE	
49824	Prem Poudel	04-Feb-15	TRUE	FALSE	FALSE	
49804	Prem Poudel	04-Feb-15	TRUE	FALSE	TRUE	Source of discharge- Melted snow
7478	Prem Poudel	03-Feb-15	FALSE	FALSE	FALSE	Outfall was found to be totally covered with sediment so need to be maintained. Undersigned visited to 7-Eleven manager to collect and dispose trash properly as it found to be generated by their business. The manager agreed to clean trash within 4 days.
9359	Prem Poudel	04-Feb-15	FALSE	FALSE	FALSE	
41283	Prem Poudel	03-Feb-15	FALSE	FALSE	FALSE	
50203	Prem Poudel	04-Feb-15	FALSE	FALSE	FALSE	Flare found to be broken down after erosion. Maintenance needed ASAP.
50200	Prem Poudel	04-Feb-15	TRUE	FALSE	TRUE	Source of discharge and algae were found to be ground water.
50207	Prem Poudel	04-Feb-15	FALSE	FALSE	FALSE	

60597	Prem Poudel	04-Feb-15	FALSE	FALSE	FALSE	
60599	Prem Poudel	04-Feb-15	TRUE	FALSE	FALSE	Source of discharge- Ground Water
22293	Prem Poudel	04-Feb-15	FALSE	FALSE	FALSE	
23746	Prem Poudel	05-Feb-15	FALSE	FALSE	FALSE	
23739	Prem Poudel	05-Feb-15	FALSE	FALSE	FALSE	
48731	Prem Poudel	05-Feb-15	FALSE	FALSE	FALSE	
23728	Prem Poudel	05-Feb-15	FALSE	FALSE	FALSE	
23726	Prem Poudel	05-Feb-15	FALSE	FALSE	FALSE	
59544	Prem Poudel	05-Feb-15	FALSE	FALSE	FALSE	
55573	Prem Poudel	05-Feb-15	FALSE	FALSE	FALSE	
23737	Prem Poudel	05-Feb-15	TRUE	FALSE	TRUE	Source of discharge- Ground Water plus melted snow piles.
53737	Prem Poudel	05-Feb-15	TRUE	FALSE	TRUE	Source of discharge- Ground Water plus melted snow piles.
53717	Prem Poudel	05-Feb-15	TRUE	FALSE	TRUE	Source of discharge- Ground water plus melted snow. Observed grown up cattails at down stream.
28614	Prem Poudel	05-Feb-15	FALSE	FALSE	FALSE	
44684	Prem Poudel	05-Feb-15	FALSE	FALSE	FALSE	
44686	Prem Poudel	05-Feb-15	FALSE	FALSE	FALSE	
44697	Prem Poudel	05-Feb-15	FALSE	FALSE	FALSE	

44700	Prem Poudel	05-Feb-15	FALSE	FALSE	FALSE	
26018	Prem Poudel	11-Feb-15	FALSE	FALSE	FALSE	
26027	Prem Poudel	11-Feb-15	TRUE	FALSE	TRUE	Source of discharge- Ground Water.
7564	Prem Poudel	11-Feb-15	FALSE	FALSE	FALSE	Observed black color of pool at outfall.
58310	Prem Poudel	11-Feb-15	FALSE	FALSE	FALSE	
7558	Prem Poudel	11-Feb-15	FALSE	FALSE	FALSE	
30228	Prem Poudel	11-Feb-15	FALSE	FALSE	FALSE	
30266	Prem Poudel	11-Feb-15	FALSE	FALSE	FALSE	
16270	Prem Poudel	11-Feb-15	FALSE	FALSE	FALSE	Cattails and unwanted vegetation observed at outfall & Pond
24793	Prem Poudel	13-Feb-15	FALSE	FALSE	FALSE	
24787	Prem Poudel	13-Feb-15	TRUE	TRUE	FALSE	Source of algae confirmed to be ground water
24788	Prem Poudel	13-Feb-15	FALSE	FALSE	FALSE	
24764	Prem Poudel	13-Feb-15	FALSE	FALSE	FALSE	
24709	Prem Poudel	13-Feb-15	FALSE	FALSE	FALSE	
12355	Prem Poudel	13-Feb-15	FALSE	FALSE	FALSE	Flow line- Blocked with sediment and covered with unwanted vegetative cover.
12353	Prem Poudel	13-Feb-15	FALSE	FALSE	FALSE	
25307	Prem Poudel	13-Feb-15	FALSE	FALSE	FALSE	

13707	Prem Poudel	13-Feb-15	FALSE	FALSE	FALSE	
13702	Prem Poudel	13-Feb-15	FALSE	FALSE	FALSE	The steel strainer, fixed at outlet, hold trash, dead leaves and hence 75% outfall was found to be blocked.
18588	Prem Poudel	13-Feb-15	FALSE	FALSE	FALSE	
18593	Prem Poudel	13-Feb-15	TRUE	FALSE	FALSE	Source of discharge -Ground water plus melted snow. Source of Algae- Ground Water.
25309	Prem Poudel	13-Feb-15	FALSE	FALSE	FALSE	
16184	Prem Poudel	17-Mar-15	FALSE	FALSE	FALSE	
30532	Prem Poudel	17-Mar-15	FALSE	FALSE	FALSE	
30553	Prem Poudel	17-Mar-15	FALSE	FALSE	FALSE	
15786	Prem Poudel	17-Mar-15	TRUE	FALSE	FALSE	
15789	Prem Poudel	17-Mar-15	TRUE	FALSE	TRUE	
15799	Prem Poudel	17-Mar-15	TRUE	FALSE	TRUE	
26310	Prem Poudel	17-Mar-15	FALSE	FALSE	FALSE	
66	Prem Poudel	17-Mar-15	FALSE	FALSE	FALSE	Outfall found to be shifted into new location so that outfall needs to be assessed and possibly added to MS4. NO ID, this ID:66 is temporary one. See the next map for exact location of outfall.
21523	Prem Poudel	17-Mar-15	FALSE	FALSE	FALSE	
26314	Prem Poudel	17-Mar-15	FALSE	FALSE	FALSE	Outfall was found to be totally blocked with sediments.
21520	Prem Poudel	17-Mar-15	FALSE	FALSE	FALSE	

29	Prem Poudel	17-Mar-15	FALSE	FALSE	FALSE	
21526	Prem Poudel	17-Mar-15	FALSE	FALSE	FALSE	
60263	Prem Poudel	17-Mar-15	FALSE	FALSE	FALSE	
21529	Prem Poudel	17-Mar-15	FALSE	FALSE	FALSE	
21548	Prem Poudel	17-Mar-15	FALSE	FALSE	FALSE	
27542	Prem Poudel	17-Mar-15	FALSE	FALSE	FALSE	
52289	Prem Poudel	18-Mar-15	FALSE	FALSE	FALSE	
25514	Prem Poudel	18-Mar-15	FALSE	FALSE	FALSE	
25516	Prem Poudel	18-Mar-15	FALSE	FALSE	FALSE	
19142	Prem Poudel	18-Mar-15	TRUE	FALSE	TRUE	
27078	Prem Poudel	18-Mar-15	FALSE	FALSE	FALSE	
20422	Prem Poudel	18-Mar-15	FALSE	FALSE	FALSE	
11574	Prem Poudel	18-Mar-15	TRUE	FALSE	FALSE	
19519	Prem Poudel	18-Mar-15	FALSE	FALSE	FALSE	Outfall found to be totally submerged. Forward Issue to Pond inspection Inspector.
50385	Prem Poudel	18-Mar-15	FALSE	FALSE	FALSE	Maintenance needed to remove sediments and clippers at outfall.
6584	Prem Poudel	18-Mar-15	TRUE	FALSE	TRUE	Source of discharge-Ground Water.
39466	Prem Poudel	19-Mar-15	FALSE	FALSE	FALSE	

39498	Prem Poudel	19-Mar-15	FALSE	FALSE	FALSE	
49037	Prem Poudel	19-Mar-15	FALSE	FALSE	FALSE	
49029	Prem Poudel	19-Mar-15	FALSE	FALSE	FALSE	
31753	Prem Poudel	19-Mar-15	FALSE	FALSE	FALSE	
31761	Prem Poudel	19-Mar-15	FALSE	FALSE	FALSE	
28019	Prem Poudel	19-Mar-15	FALSE	FALSE	TRUE	Petrolium Contamination, Case was detected on 03/10/15 and handaled inforcement & Mitigation actio by DEQ
6359	Prem Poudel	19-Mar-15	FALSE	FALSE	FALSE	
6352	Prem Poudel	19-Mar-15	FALSE	FALSE	FALSE	Excessive unwanted throned plants grown up at outfall.
6360	Prem Poudel	19-Mar-15	FALSE	FALSE	FALSE	
34757	Prem Poudel	19-Mar-15	FALSE	FALSE	FALSE	
34772	Prem Poudel	19-Mar-15	FALSE	FALSE	FALSE	
14562	Prem Poudel	19-Mar-15	FALSE	FALSE	FALSE	
14565	Prem Poudel	19-Mar-15	FALSE	FALSE	FALSE	
39542	Prem Poudel	23-Mar-15	FALSE	FALSE	FALSE	
45987	Prem Poudel	23-Mar-15	TRUE	FALSE	TRUE	
54062	Prem Poudel	23-Mar-15	TRUE	FALSE	FALSE	
54059	Prem Poudel	23-Mar-15	FALSE	FALSE	FALSE	

33693	Prem Poudel	23-Mar-15	FALSE	FALSE	FALSE	
49214	Prem Poudel	23-Mar-15	TRUE	FALSE	FALSE	Observed Sud formation at vertical drop of outfall because of turbulance.
49269	Prem Poudel	16-Mar-15	TRUE	FALSE	FALSE	Source of discharge- Ground Seepage.
28819	Prem Poudel	23-Mar-15	FALSE	FALSE	FALSE	
28825	Prem Poudel	23-Mar-15	FALSE	FALSE	FALSE	
49112	Prem Poudel	23-Mar-15	TRUE	FALSE	TRUE	Source of discharge- Ground water.
43518	Prem Poudel	23-Mar-15	TRUE	FALSE	TRUE	Conductivity found to be comparatively high, closed to upper limit of excedence. The reson supposed to be application of salt for melting snow at road.
35386	Prem Poudel	23-Mar-15	FALSE	FALSE	FALSE	
43541	Prem Poudel	23-Mar-15	FALSE	FALSE	FALSE	
43544	Prem Poudel	23-Mar-15	FALSE	FALSE	FALSE	Maintenance needed to remove sediments from flow line (1/2 depth of outfall)
33614	Prem Poudel	23-Mar-15	FALSE	FALSE	FALSE	
33637	Prem Poudel	23-Mar-15	TRUE	FALSE	FALSE	
47627	Prem Poudel	23-Mar-15	FALSE	FALSE	FALSE	
21251	Prem Poudel	23-Mar-15	TRUE	FALSE	FALSE	Source of discharge- Ground seepage
47630	Prem Poudel	23-Mar-15	FALSE	FALSE	FALSE	
47645	Prem Poudel	23-Mar-15	FALSE	FALSE	FALSE	

35390	Prem Poudel	23-Mar-15	FALSE	FALSE	FALSE	
35196	Prem Poudel	23-Mar-15	TRUE	FALSE	TRUE	
35222	Prem Poudel	23-Mar-15	FALSE	FALSE	FALSE	
47797	Prem Poudel	23-Mar-15	FALSE	FALSE	FALSE	
57969	Prem Poudel	24-Mar-15	FALSE	FALSE	FALSE	
57967	Prem Poudel	24-Mar-15	FALSE	FALSE	FALSE	
57927	Prem Poudel	24-Mar-15	FALSE	FALSE	FALSE	
57930	Prem Poudel	24-Mar-15	FALSE	FALSE	FALSE	
57948	Prem Poudel	24-Mar-15	TRUE	FALSE	FALSE	Observed cutdown Root bolb with soil, bringing by flowing water inside the flayer.
67	Prem Poudel	24-Mar-15	FALSE	FALSE	FALSE	Outfall needs to be assessed and possibly added to MS4. This ID:67 is temporary one.
68	Prem Poudel	24-Mar-15	FALSE	FALSE	FALSE	Outfall needs to be assessed and possibly added to MS4. This ID:68 is temporary one.
32926	Prem Poudel	24-Mar-15	FALSE	FALSE	FALSE	Flow Line- Found to be totally blocked with sediment and dead leaves clipers .
32924	Prem P[oudel	24-Mar-15	TRUE	FALSE	FALSE	Source of Discharge -Ground Water
11347	Prem Poudel	24-Mar-15	FALSE	FALSE	FALSE	
5190	Prem Poudel	24-Mar-15	FALSE	FALSE	FALSE	Flow Line- Found to be blocked by sediment deposition with 1/2 depth of outfall
48846	Prem Poudel	24-Mar-15	FALSE	FALSE	FALSE	Tree trunk found to be grown up at outfall.
20599	Prem Poudel	24-Mar-15	FALSE	FALSE	FALSE	Tree trunk found to be grown up at outfall.

39759	Prem Poudel	24-Mar-15	FALSE	FALSE	FALSE	
20597	Prem Poudel	24-Mar-15	TRUE	FALSE	TRUE	Source of discharge -Ground Water
45773	Prem Poudel	24-Mar-15	FALSE	FALSE	FALSE	
45756	Prem Poudel	24-Mar-15	FALSE	FALSE	FALSE	
45783	Prem Poudel	24-Mar-15	FALSE	FALSE	FALSE	
69	Prem Poudel	24-Mar-15	FALSE	FALSE	FALSE	Outfall needs to be assessed and possibly added to MS4. This ID:70 is temporary one
11812	Prem Poudel	24-Mar-15	FALSE	FALSE	FALSE	
70	Prem Poudel	30-Mar-15	FALSE	FALSE	FALSE	Outfall needs to be assessed and possibly added to MS4. This ID:70 is temporary one.
11806	Prem Poudel	30-Mar-15	TRUE	FALSE	TRUE	
25199	Prem Poudel	30-Mar-15	FALSE	FALSE	FALSE	
49117	Prem Poudel	30-Mar-15	FALSE	TRUE	FALSE	Observed Cloudy Pool at outfall.
49119	Prem Poudel	30-Mar-15	FALSE	FALSE	FALSE	1/2 depth of outfall found to be blocked with sediment deposition.
53541	Prem Poudel	30-Mar-15	TRUE	TRUE	FALSE	Inclusive investigation needed since discharge had contained high conductivity.
13146	Prem Poudel	31-Mar-15	FALSE	FALSE	FALSE	
20214	Prem Poudel	31-Mar-15	FALSE	FALSE	FALSE	
20207	Prem Poudel	31-Mar-15	FALSE	FALSE	FALSE	Tree Trunk found to be grown at outfall.
13133	Prem Poudel	31-Mar-15	FALSE	FALSE	FALSE	

56552	Prem Poudel	31-Mar-15	FALSE	FALSE	FALSE	
56453	Prem Poudel	31-Mar-15	FALSE	FALSE	FALSE	
56557	Prem Poudel	31-Mar-15	FALSE	FALSE	FALSE	
60954	Prem Poudel	31-Mar-15	FALSE	FALSE	FALSE	
60956	Prem Poudel	31-Mar-15	FALSE	FALSE	FALSE	
20584	Prem Poudel	31-Mar-15	FALSE	FALSE	FALSE	1/2 depth of outfall found to be blocked with sediments and dead leaves clippers. Tree trunk also found to be grown at outfall.
71	Prem Poudel	31-Mar-15	FALSE	FALSE	FALSE	
31551	Prem Poudel	31-Mar-15	FALSE	FALSE	FALSE	
4987	Prem Poudel	01-Apr-15	FALSE	FALSE	FALSE	
16063	Prem Poudel	01-Apr-15	FALSE	FALSE	FALSE	
16067	Prem Poudel	01-Apr-15	FALSE	FALSE	FALSE	
16071	Prem Poudel	01-Apr-15	FALSE	FALSE	FALSE	
18474	Prem Poudel	01-Apr-15	TRUE	TRUE	FALSE	Undersigned Did not get access into pond. Size of outfall is not mention in GIS map.
18491	Prem Poudel	01-Apr-15	TRUE	TRUE	FALSE	Undersigned didn't get access into pond.
17866	Prem Poudel	02-Apr-15	TRUE	FALSE	FALSE	
17890	Prem Poudel	02-Apr-15	TRUE	FALSE	FALSE	Source of discharge- Ground Water
1685	Prem Poudel	02-Apr-15	FALSE	FALSE	FALSE	

1674	Prem Poudel	02-Apr-15	FALSE	FALSE	FALSE	
1692	Prem Poudel	02-Apr-15	FALSE	FALSE	FALSE	
1690	Prem Poudel	02-Apr-15	TRUE	FALSE	FALSE	Source of Algae- Ground Water
1715	Prem Poudel	02-Apr-15	FALSE	FALSE	FALSE	
1711	Prem Poudel	02-Apr-15	FALSE	FALSE	FALSE	Source of orange Algae- Ground Water
1718	Prem Poudel	02-Apr-15	FALSE	FALSE	FALSE	
48231	Prem Poudel	02-Apr-15	FALSE	FALSE	FALSE	
58152	Prem Poudel	02-Apr-15	TRUE	FALSE	FALSE	
32549	Prem Poudel	02-Apr-15	FALSE	FALSE	FALSE	
32551	Prem Poudel	02-Apr-15	FALSE	FALSE	FALSE	Observed vine vegetative cover to the outfall.
32580	Prem Poudel	02-Apr-15	FALSE	FALSE	FALSE	
32575	Prem Poudel	02-Apr-15	TRUE	FALSE	FALSE	Observed from outside of Fence.
13325	Prem Poudel	02-Apr-15	FALSE	FALSE	FALSE	
13350	Prem Poudel	02-Apr-15	FALSE	FALSE	FALSE	Flowline found to be blocked with dead leaves clippers.
5593	Prem Poudel	06-Apr-15	FALSE	FALSE	FALSE	
5596	Prem Poudel	06-Apr-15	FALSE	FALSE	FALSE	
1197	Prem Poudel	06-Apr-15	FALSE	FALSE	FALSE	

1202	Prem Poudel	06-Apr-15	FALSE	FALSE	FALSE	
6871	Prem Poudel	06-Apr-15	FALSE	FALSE	FALSE	
6870	Prem Poudel	06-Apr-15	FALSE	FALSE	FALSE	Flow line found to be blocked with deposited sediment & litters by 2/3rd depth of outfall.
6684	Prem Poudel	06-Apr-15	FALSE	FALSE	FALSE	
6686	Prem Poudel	06-Apr-15	FALSE	FALSE	FALSE	Storm sewer found to be clogged at drop inlet and outfall found to be sink into deposited sediment.
6691	Prem Poudel	06-Apr-15	FALSE	FALSE	FALSE	Flow Line- Found to be totally blocked with sediment deposition
7924	Prem Poudel	06-Apr-15	FALSE	FALSE	FALSE	Flow line found to be blocked with sediment & trash. Pond Maintenance needed.
7934	Prem Poudel	06-Apr-15	FALSE	FALSE	FALSE	Storm sewer found to be extended upto newly constructed pond 287. Outfall 7934 is no more existed at this location.
19599	Prem Poudel	06-Apr-15	FALSE	FALSE	FALSE	
19601	Prem Poudel	06-Apr-15	FALSE	FALSE	FALSE	
19597	Prem Poudel	06-Apr-15	FALSE	FALSE	FALSE	
47959	Prem Poudel	06-Apr-15	TRUE	FALSE	FALSE	Turbide water found to be generated due to construction activities. Turbidity curtain found to be installed to control sediment onsite.
64	Prem Poudel	06-Apr-15	TRUE	FALSE	TRUE	The discharge has been track down and found that there was cross connection between ground seepage infiltration from different business facilities and discharge from open forest space. The velocity of flow was moderate due to high slope gradient so light
20271	Prem Poudel	07-Apr-15	FALSE	FALSE	FALSE	
28202	Prem Poudel	28-Apr-15	FALSE	FALSE	FALSE	
27707	Prem Poudel	28-Apr-15	FALSE	FALSE	FALSE	

6264	Prem Poudel	28-Apr-15	FALSE	FALSE	FALSE	
25676	Prem Poudel	28-Apr-15	TRUE	FALSE	FALSE	Groundwater
1645	Prem Poudel	28-Apr-15	TRUE	FALSE	FALSE	No Access
27194	Prem Poudel	28-Apr-15	TRUE	FALSE	TRUE	Groundwater
27199	Prem Poudel	28-Apr-15	FALSE	FALSE	FALSE	Flow Line- Found to be blocked with sediment & clippers deposition by 1/2 depth of outfall
15340	Prem Poudel	28-Apr-15	TRUE	FALSE	FALSE	Source of algae confirmed to be groundwater.
15347	Prem Poudel	28-Apr-15	TRUE	FALSE	FALSE	Groundwater
14660	Prem Poudel	28-Apr-15	TRUE	FALSE	TRUE	Source- Groundwater
21180	Prem Poudel	28-Apr-15	FALSE	FALSE	FALSE	
20164	Prem Poudel	28-Apr-15	TRUE	FALSE	FALSE	Groundwater
20159	Prem Poudel	28-Apr-15	FALSE	FALSE	FALSE	
28210	Prem Poudel	28-Apr-15	FALSE	FALSE	FALSE	The outfall found to be totally disturbed due to going on new construction activities.
59342	Prem Poudel	30-Apr-15	FALSE	FALSE	TRUE	Iron oxidation plus bacteriological decomposition film observed on pool surface. Algae developed due to ground water. Tracked down the storm sewer to confirm about algae formation, there was no sign of dumping grease & oil.
59349	Prem Poudel	30-Apr-15	FALSE	FALSE	FALSE	
59347	Prem Poudel	30-Apr-15	FALSE	FALSE	FALSE	
12747	Prem Poudel	30-Apr-15	FALSE	FALSE	FALSE	

8041	Prem Poudel	30-Apr-15	FALSE	FALSE	FALSE	
9295	Prem Poudel	30-Apr-15	FALSE	FALSE	FALSE	
27851	Prem Poudel	04-May-15	TRUE	FALSE	TRUE	Suds found to be developed due to ground minerals contained in ground water with turbulence flow due to steep gradients. Source of algae confirmed to be oxidation reduction of irons in ground water.
20186	Prem Poudel	04-May-15	FALSE	FALSE	FALSE	
46226	Prem Poudel	04-May-15	FALSE	FALSE	FALSE	
46235	Prem Poudel	04-May-15	FALSE	FALSE	FALSE	
46251	Prem Poudel	04-May-15	FALSE	FALSE	FALSE	
46258	Prem Poudel	04-May-15	FALSE	FALSE	FALSE	
46260	Prem Poudel	04-May-15	FALSE	FALSE	FALSE	
42537	Prem Poudel	04-May-15	FALSE	FALSE	FALSE	Found to be dumped cut down tree branches at outfall.
56701	Prem Poudel	04-May-15	FALSE	FALSE	FALSE	
51252	Prem Poudel	20-May-15	FALSE	FALSE	FALSE	
59774	Prem Poudel	20-May-15	FALSE	FALSE	FALSE	
34580	Prem Poudel	20-May-15	FALSE	FALSE	FALSE	
31841	Prem Poudel	20-May-15	FALSE	FALSE	FALSE	
59764	Prem Poudel	20-May-15	FALSE	FALSE	FALSE	

60841	Prem Poudel	26-May-15	FALSE	FALSE	FALSE	1/2 depth of outfall found to be blocked with sediments.
13813	Prem Poudel	26-May-15	FALSE	FALSE	FALSE	
13811	Prem Poudel	26-May-15	FALSE	FALSE	FALSE	
28286	Prem Poudel	26-May-15	FALSE	FALSE	FALSE	
55703	Prem Poudel	26-May-15	FALSE	FALSE	FALSE	
55718	Prem Poudel	26-May-15	FALSE	FALSE	FALSE	
31865	Prem Poiudel	26-May-15	FALSE	FALSE	FALSE	
35264	Prem Poudel	26-May-15	FALSE	FALSE	FALSE	
35252	Prem Poudel	26-May-15	FALSE	FALSE	FALSE	
46748	Prem Poudel	26-May-15	FALSE	FALSE	FALSE	
46738	Prem Poudel	26-May-15	FALSE	FALSE	FALSE	
46742	Prem Poudel	26-May-15	FALSE	FALSE	FALSE	
46740	Prem Poudel	26-May-15	FALSE	FALSE	FALSE	
26357	Prem Poudel	26-May-15	FALSE	FALSE	FALSE	Flow Line- Found to be blocked by sediment deposition with 1/2 depth of outfall
12458	Prem Poudel	27-May-15	FALSE	FALSE	FALSE	
59919	Prem Poudel	27-May-15	TRUE	FALSE	TRUE	Observed severe erosion after outfall. Source of discharge- Ground Water.
12662	Prem Poudel	27-May-15	FALSE	FALSE	FALSE	

51901	Prem Poudel	18-May-15	FALSE	FALSE	FALSE	
59312	Prem Poudel	18-May-15	FALSE	FALSE	FALSE	
59314	Prem Poudel	18-May-15	FALSE	FALSE	FALSE	
51908	Prem Poudel	12-May-15	FALSE	FALSE	FALSE	
75	Prem Poudel	18-May-15	FALSE	FALSE	FALSE	
59316	Prem Poudel	18-May-15	FALSE	FALSE	FALSE	
74	Prem Poudel	18-May-15	FALSE	FALSE	FALSE	
39090	Prem Poudel	18-May-15	FALSE	FALSE	FALSE	
39083	Prem Poudel	18-May-15	FALSE	FALSE	FALSE	Observed brown algae because of bacteriological decomposition.
42186	Prem Poudel	20-May-15	FALSE	FALSE	FALSE	Need to remove woody vegetation grown at outfall.
51052	Prem Poudel	20-May-15	FALSE	FALSE	FALSE	
50861	Prem Poudel	20-May-15	FALSE	FALSE	FALSE	
51801	Prem Poudel	20-May-15	FALSE	FALSE	FALSE	
51812	Prem Poudel	20-May-15	FALSE	FALSE	FALSE	
51817	Prem Poudel	20-May-15	FALSE	FALSE	FALSE	
51822	Prem Poudel	20-May-15	FALSE	FALSE	FALSE	½ depth of outfall found to be blocked with sediments
51266	Prem Poudel	20-May-15	FALSE	FALSE	FALSE	

51271	Prem Poudel	20-May-15	FALSE	FALSE	FALSE	½ depth of outfall found to be blocked with sediments.
12646	Prem Poudel	27-May-15	FALSE	FALSE	FALSE	
12476	Prem Poudel	27-May-15	FALSE	FALSE	FALSE	
130	Prem Poudel	01-Jun-15	FALSE	FALSE	FALSE	
134	Prem Poudel	01-Jun-15	FALSE	FALSE	FALSE	
136	Prem Poudel	01-Jun-15	FALSE	FALSE	FALSE	Outfall found to be shifted by making drop inlet at existing points and extended sewer line up to new location. Outfall needs to be assessed and possibly added to MS4 with dedicated easement.
146	Prem Poudel	01-Jun-15	FALSE	FALSE	FALSE	
29874	Prem Poudel	01-Jun-15	FALSE	FALSE	FALSE	Road Culvert, Sediment found to be back up in to outfall.
144	Prem Poudel	01-Jun-15	FALSE	FALSE	FALSE	
138	Prem Poudel	01-Jun-15	FALSE	FALSE	FALSE	
148	Prem Poudel	01-Jun-15	TRUE	FALSE	FALSE	Road Culvert/Stream Channel . Flow found to be blocked with sediments by ½ depth of outfall.
140	Prem Poudel	01-Jun-15	FALSE	FALSE	FALSE	
58161	Prem Poudel	02-Jun-15	FALSE	FALSE	FALSE	Dead leaves clippers found to be deposited by ½ depth of outfall.
58163	Prem Poudel	01-Jun-15	FALSE	FALSE	FALSE	
58079	Prem Poudel	01-Jun-15	FALSE	FALSE	FALSE	
132	Prem Poudel	01-Jun-15	FALSE	FALSE	FALSE	

43006	Prem Poudel	08-Jun-15	FALSE	FALSE	FALSE	
17692	Prem Poudel	08-Jun-15	FALSE	FALSE	FALSE	
57550 02	Prem Poudel	08-Jun-15	FALSE	FALSE	FALSE	
57550 01	Prem Poudel	08-Jun-15	FALSE	FALSE	FALSE	
24439	Prem Poudel	08-Jun-15	FALSE	FALSE	FALSE	
24473	Prem Poudel	08-Jun-15	FALSE	FALSE	FALSE	
24478	Prem Poudel	08-Jun-15	TRUE	FALSE	FALSE	Source of discharge- Ground Water
38996	Prem Poudel	08-Jun-15	FALSE	FALSE	FALSE	
38991	Prem Poudel	08-Jun-15	FALSE	FALSE	FALSE	
35667	Prem Poudel	11-Jun-15	FALSE	FALSE	FALSE	
59608	Prem Poudel	11-Jun-15	FALSE	FALSE	FALSE	
59611	Prem Poudel	11-Jun-15	FALSE	FALSE	FALSE	
47918	Prem Poudel	11-Jun-15	TRUE	FALSE	TRUE	Source of suds confirmed to be developed by applied lawn fertilizers, chemicals and high velocity of flow. Source of algae confirmed to be oxidation and reduction of ground minerals.
42772	Prem Poudel	11-Jun-15	FALSE	FALSE	FALSE	
42768	Prem Poudel	11-Jun-15	FALSE	FALSE	FALSE	
59603	Prem Poudel	11-Jun-15	FALSE	FALSE	FALSE	

14016	Prem Poudel	11-Jun-15	FALSE	FALSE	FALSE	
4329	Prem Poudel	11-Jun-15	FALSE	FALSE	FALSE	
4318	Prem Poudel	11-Jun-15	FALSE	FALSE	FALSE	
11667	Prem Poudel	11-Jun-15	FALSE	FALSE	FALSE	Maintenance needed to maintain positive flow line.
44318	Prem Poudel	12-Jun-15	FALSE	FALSE	FALSE	
49960	Prem Poudel	12-Jun-15	FALSE	FALSE	TRUE	Undersigned observed the oily stain at the outfall. After tracking, spilled oil mark found into nearest curbs inlet . After being informed, the Business Manager Mr. Jae Kim agreed to clean that stained oil.
49965	Prem Poudel	12-Jun-15	FALSE	FALSE	FALSE	
4139	Prem Poudel	12-Jun-15	FALSE	FALSE	FALSE	
57526	Prem Poudel	12-Jun-15	FALSE	FALSE	FALSE	
57522	Prem Poudel	12-Jun-15	FALSE	FALSE	FALSE	Oil Sheen found to be developed due to microbiological decomposition. Algae found to be developed due to Oxidation and reduction of grounded minerals.
57621	Prem Poudel	12-Jun-15	FALSE	FALSE	FALSE	
57613	Prem Poudel	12-Jun-15	TRUE	TRUE	FALSE	Guessed contamination due to sewage because of excessive algae formation, but couldn't complete the source tracking due to no access to the private property. Follow up inspection will be conducted later.
59263	Prem Poudel	17-Jun-15	FALSE	FALSE	FALSE	
59286	Prem Poudel	17-Jun-15	FALSE	FALSE	FALSE	Leaf clippers found to be deposited at outfall.
61768	Prem Poudel	17-Jun-15	FALSE	FALSE	FALSE	

51029	Prem Poudel	17-Jun-15	FALSE	FALSE	FALSE	
13551	Prem Poudel	17-Jun-15	FALSE	FALSE	FALSE	
13544	Prem Poudel	17-Jun-15	TRUE	FALSE	FALSE	
52025	Prem Poudel	17-Jun-15	FALSE	FALSE	FALSE	
52023	Prem Poudel	17-Jun-15	TRUE	FALSE	TRUE	Source of discharge- Under ground SWM/BMP
24673	Prem Poudel	17-Jun-15	FALSE	FALSE	FALSE	Flow line found to be blocked by sediments with vegetation upto the crest of outfall.
52028	Prem Poudel	17-Jun-15	FALSE	FALSE	FALSE	Sediments deposited at flow line
24686	Prem Poudel	17-Jun-15	TRUE	FALSE	TRUE	Source of Algae- Ground Water
27226	Prem Poudel	17-Jun-15	FALSE	FALSE	FALSE	Sediments need to be removed from flow line and tall grasses need to be cut down.
33040	Prem Poudel	18-Jun-15	TRUE	FALSE	TRUE	Algae source confirmed- Ground Water
27787	Prem Poudel	23-Jun-15	TRUE	FALSE	TRUE	Discharge mainly found to be generated by new pond outlet. Shopping cart and trash found to be respectively dump and deposited at outfall .
27806	Prem Poudel	23-Jun-15	TRUE	FALSE	TRUE	Source of discharge- Ground Water.
27808	Prem Poudel	23-Jun-15	FALSE	FALSE	FALSE	Outfall found to be changed into close conduit system. Undersigned only observed drop inlet at well maintained land scaped ground.
58957	Prem Poudel	23-Jun-15	FALSE	FALSE	FALSE	Dense vegetative growth found to be developed around outfall, need to be removed.
12759	Prem Poudel	23-Jun-15	TRUE	FALSE	FALSE	undersigned didn't observe sign and symptoms of illicit discharge at submerged outfall.
12761	Prem Poudel	23-Jun-15	FALSE	FALSE	FALSE	Undersigned observed sediment deposition and woody growth at outfall, minor maintenance needed .

18754	Prem Poudel	29-Jun-15	TRUE	FALSE	TRUE	Source of discharge- GW
18748	Prem Poudel	29-Jun-15	TRUE	FALSE	TRUE	Source-GW
22484	Prem Poudel	29-Jun-15	TRUE	FALSE	TRUE	Observed slight suds, Source: Lawn fertilizers & Chemicals with ground water.
14571	Prem Poudel	29-Jun-15	FALSE	FALSE	FALSE	Flow Line found to be blocked by sediment deposition with 1/2 dia. Of outfall
11779	Prem Poudel	29-Jun-15	TRUE	FALSE	TRUE	Observed slight suds, Source: Lawn fertilizers & Chemicals with ground water.
21892	Prem Poudel	29-Jun-15	FALSE	FALSE	FALSE	
21898	Prem Poudel	29-Jun-15	TRUE	FALSE	TRUE	Source- GW
21903	Prem Poudel	29-Jun-15	TRUE	FALSE	FALSE	Source-GW
18887	Prem Poudel	29-Jun-15	FALSE	FALSE	FALSE	½ of outfall found to be blocked with sediments.
15564	Prem Poudel	29-Jun-15	TRUE	FALSE	TRUE	Source of discharge-GW
15550	Prem Poudel	29-Jun-15	FALSE	FALSE	FALSE	Developed negative drainage due to sediment deposition.
15547	Prem Poudel	29-Jun-15	TRUE	FALSE	TRUE	Source of discharge- GW
15539	Prem Poudel	30-Jun-15	FALSE	FALSE	FALSE	
15531	Prem Poudel	30-Jun-15	TRUE	FALSE	TRUE	source of discharge- GW
15525	Prem Poudel	30-Jun-15	TRUE	FALSE	TRUE	Observed slightly Suds at stagnant pool. Source- Lawn fertilizers and chemicals with ground water.
15541	Prem Poudel	30-Jun-15	FALSE	FALSE	FALSE	
21262	Prem Poudel	30-May-15	FALSE	FALSE	FALSE	½ depth of outfall found to be blocked with sediments.

21282	Prem Poudel	30-Jun-15	FALSE	FALSE	FALSE	Negative drainage found to be developed at outfall.
21270	Prem Poudel	30-Jun-15	FALSE	FALSE	FALSE	
56671	Prem Poudel	04-May-15	FALSE	FALSE	FALSE	Flow Line- 1/4th depth of outfall found to be blocked with sediments.
56678	Prem Poudel	04-May-15	FALSE	FALSE	FALSE	
59734	Prem Poudel	04-May-15	FALSE	FALSE	FALSE	
48103	Prem Poudel	08-May-15	TRUE	FALSE	TRUE	Source -ground water, suds formed due to- application of salt for ice melt in street, fertilizer and weed control chemicals.
27931	Prem Poudel	08-May-15	FALSE	FALSE	FALSE	
27933	Prem Poudel	08-May-15	FALSE	FALSE	FALSE	
27945	Prem Poudel	08-May-15	TRUE	FALSE	FALSE	Ground Water
5706	Prem Poudel	08-May-15	FALSE	FALSE	FALSE	
26583	Prem Poudel	08-May-15	FALSE	FALSE	FALSE	
26616	Prem Poudel	08-May-15	TRUE	FALSE	TRUE	Source- Ground Water
26610	Prem Poudel	08-May-15	FALSE	FALSE	FALSE	
26480	Prem Poudel	08-May-15	FALSE	FALSE	FALSE	Flow line found to be blocked with ½ depth of outfall.
14220	Prem Poudel	08-May-15	TRUE	FALSE	FALSE	Source- Ground Water
14202	Prem Poudel	08-May-15	TRUE	FALSE	FALSE	Source of green algae- ground nutrient and minerals.
17420	Prem Poudel	08-May-15	FALSE	FALSE	FALSE	

48491	Prem Poudel	08-May-15	FALSE	FALSE	FALSE	
48479	Prem Poudel	08-May-15	TRUE	FALSE	FALSE	Source- Ground Water
56083	Prem Poudel	08-May-15	TRUE	FALSE	FALSE	
48062	Prem Poudel	08-May-15	FALSE	FALSE	FALSE	
57332	Prem Poudel	08-May-15	FALSE	FALSE	FALSE	
57326	Prem Poudel	08-May-15	FALSE	FALSE	FALSE	
48080	Prem Poudel	08-May-15	FALSE	FALSE	FALSE	
48086	Prem poudel	08-May-15	TRUE	FALSE	FALSE	Source- Ground Water
57348	Prem Poudel	08-May-15	FALSE	FALSE	FALSE	
9216	Prem Poudel	08-May-15	TRUE	FALSE	FALSE	Source- Ground Water
54082	Prem Poudel	18-May-15	FALSE	FALSE	FALSE	
54110	Prem Poudel	18-May-15	FALSE	FALSE	FALSE	
54108	Prem Poudel	18-May-15	FALSE	FALSE	FALSE	
54103	Prem Poudel	18-May-15	FALSE	FALSE	FALSE	
		18-May-15	FALSE	FALSE	FALSE	
54093	Prem Poudel	18-May-15	FALSE	FALSE	FALSE	
59301	Prem Poudel	18-May-15	FALSE	FALSE	FALSE	

72	Prem Poudel	18-May-15	FALSE	FALSE	FALSE	
73	Prem Poudel	18-May-15	FALSE	FALSE	FALSE	
45267	Prem Poudel	18-May-15	FALSE	FALSE	FALSE	
48641	Prem Poudel	30-Jun-15	FALSE	FALSE	FALSE	
48679	Prem Poudel	30-Jun-15	FALSE	FALSE	FALSE	
48628	Prem Poudel	30-Jun-15	FALSE	FALSE	FALSE	
50260	Prem Poudel	30-Jun-15	FALSE	FALSE	FALSE	
50284	Prem Poudel	30-Jun-15	FALSE	FALSE	FALSE	Observed dense vegetative growth at Outfall
49581	Prem Poudel	30-Jun-15	TRUE	FALSE	TRUE	Source of discharge -GW
48631	Prem Poudel	30-Jun-15	FALSE	FALSE	FALSE	Undersigned observed grass clippers dumping at outfall and couldn't meet the home owner. Follow up will do later to aware them.
2232	Prem Poudel	30-Jun-15	TRUE	FALSE	TRUE	No Access to pond. Undersigned observed algae growth at outfall with discharge. Source of algae confirmed to be ground water after tracking the discharge.

Appendix E – DEQ response to clarifications and additional information



COUNTY OF PRINCE WILLIAM
5 County Complex Court, Suite 170
Prince William, Virginia 22192-5308
(703) 792-7070 Metro 631-1703
FAX: (703) 792-6297

**DEPARTMENT OF
PUBLIC WORKS**

Environmental
Services Division

Thomas Bruun
Director

June 1, 2016

Susan Mackert
Environmental Specialist II, Senior II
Department of Environmental Quality
13901 Crown Court
Woodbridge, VA 22193

Dear Ms. Mackert,

Prince William County received comments from the Virginia Department of Environmental Quality (DEQ) regarding its Annual Report encompassing the reporting period of January 1, 2015 through June 30, 2015, by email on May, 10th, 2016. The following includes clarifications and additional information requested by the Department to complete their review of the County's Annual Report:

1. Part I.A.4 – Program Resources
 - a. A more detailed breakdown of the County's Environmental Services Division budget is included in Appendix 1. This budget is generated from the County's public CIP report, with the applicable components highlighted in Yellow. This information will be updated in the Annual Report.
2. Part I.A.5 – Permit Maintenance Fees
 - a. The County recognizes the error in not including its record of payment within the Annual Report and will correct this in the report. Since DEQ received the fee as noted in the response and required no further clarification, it is not included in this document. The County will place increased emphasis on resolving this error for future reports.
3. Part I.B.2.f – Spill Prevention and Response
 - a. There were nine instances of discharges impacting the MS-4 that were responded to by Prince William County's Department of Fire and Rescue. These included five gasoline spills, two hydraulic fluid spills, one motor oil spill, and one diesel fuel spill. All events were addressed and remediated, and follow-up inspections were conducted to confirm mitigation of events. Reports for each spill incident are included in Appendix 2 and will be included in the Annual Report.

4. Part I.B.2.g – Industrial and High Risk Runoff
 - a. During monitoring no non-VPDES regulated sites hit the threshold (three consecutive significant pollutant flows) to be reported for consideration by DEQ. For reference these procedures are outlined in Prince William County's Illicit Discharge Detection and Elimination Manual and in the Annual Report as BMP 3 in section I.B.2.g.
 - b. A list of potential high risk dischargers had been identified as a base for inspection during the submission period of the referenced Annual Report; however, the list needed to be updated in order to identify specific dischargers its MS-4 service area. With the Service area delineation required for submission June 17th, 2016 and not yet complete at the time of Annual Report submittal, this list was not accurate. As of the time for submittal for this response the potential high risk discharger list has been completed, and is included in this document in Appendix 3. The list will be updated in the Annual Report.

5. Part I.B.2.j. – Public Education and Outreach
 - a. During the reporting period, no voluntary retrofits were completed on private property. This is now reflected in the report.
 - b. The County is developing methods for encouraging voluntary retrofits on Private Property, including the encouragement of retrofits through the Soil and Water Conservation District's VCAP program. Currently the County has no list of techniques encouraged. This will be reflected in the report.

6. Part I.C.1. – Bacteriological (Biological) Monitoring
 - a. At the time of Annual Report Submittal the Biological Monitoring Program was still being contracted out for completion. This has now been completed and a list of sites and protocols are included in Appendix 4 of this document. This will be updated in the Annual Report as Appendix G.

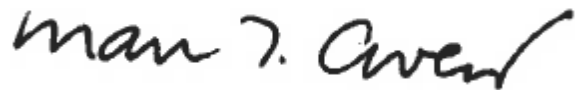
7. Part 1.C.2. – In-Stream Monitoring
 - a. The in-stream monitoring program has been performed by the county for the past 25 years. This will be corrected in the annual report.
 - b. The monitoring data summary for the two sites has been included in Appendix 5 of this document. This will be updated in the Annual report under Section III.2.

8. Part 1.C.4. – Structural And Source Controls Compliance Monitoring and Tracking
 - a. The excel spreadsheet will be included with the submission of this document as requested.

Ms. Susan Mackert
MS4 Permit No. VA0088595
June 1, 2016
Page 3 of 3

Thank you for allowing us to make these corrections, we look forward to working with DEQ on this important project.

Respectfully,

A handwritten signature in black ink that reads "Marc T. Aveni". The signature is written in a cursive, slightly slanted style.

Marc T. Aveni
Chief, Environmental Services
703-792-4064
Maveni@pwcgov.org

Attachments:

Appendix 1 – Environmental Services Budget
Appendix 2 – Spill Prevention and Response
Appendix 3 – High Risk Parcels
Appendix 4 – Biological Monitoring Protocols
Appendix 5 – In-stream Monitoring Data
Submission Attachment: Historical BMP Data

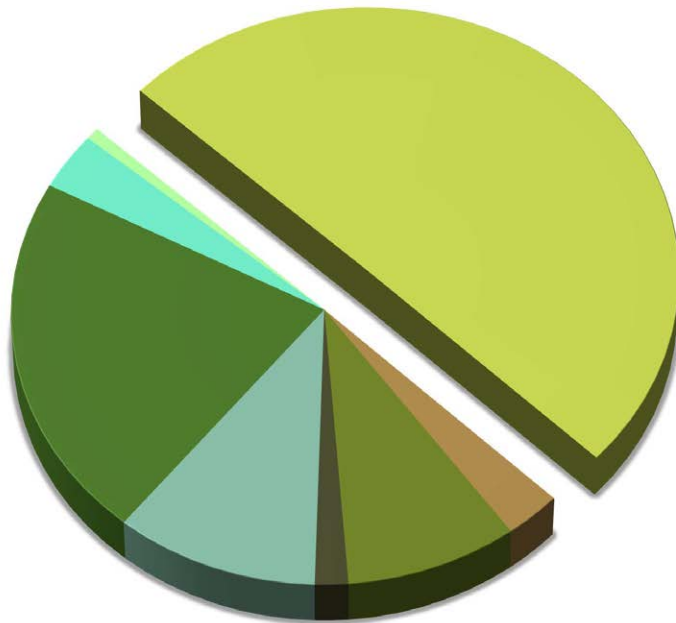
APPENDIX 1

Environmental Services Division Budget

Public Works

Mission Statement <http://www.pwcgov.org/government/dept/budget/Pages/Community-Development.aspx>

The Prince William County Department of Public Works does the right thing for the community by creating and sustaining the best environment in which to live, work and play. We protect and improve our natural and historic resources, adopt and enforce codes and regulations and build and maintain the infrastructure needed for employees to serve our community.



Community Development Expenditure Budget:
\$162,905,334

Expenditure Budget:
\$81,863,038

50.3% of Community Development

Programs:

- Director's Office: \$720,936
- Historic Preservation: \$1,425,258
- Stormwater Infrastructure Management: \$3,302,756
- Site Development: \$3,299,188
- Watershed Improvement: \$4,594,931
- Fleet Management: \$11,609,594
- Facilities Construction Management: \$119,149
- Sign Shop: \$205,435
- Small Project Construction: \$2,058,102
- Mosquito & Forest Pest Management: \$1,808,077
- Solid Waste: \$24,948,454
- Buildings & Grounds: \$11,167,356
- Property Management: \$12,312,610
- Neighborhood Services: \$4,085,882
- Service Districts (Bull Run & Lake Jackson): \$365,311

Mandates

There are state mandates for public records management and preservation, and to maintain existing street name signs. Public Works provides these mandated services. Public Works is liaison to the state mandated Chesapeake Bay Preservation Area Review and Wetlands Boards. The Board of County Supervisors has enacted additional local mandates for which Public Works has responsibility.

State Code: [Chapter 7](#), Virginia Public Records Act; Highways, Bridges and Ferries, [33.2-328](#), Wetland Board, [28.2-1303](#), Chesapeake Bay Preservation Area Review Board, [Title 9](#), Virginia Administrative Code, [62.1-44.15:24](#)

County Code: Chapter 2 ([Wetlands Areas; Coastal Primary Sand Dunes & Beaches Zoning Ordinance; Historical Commission](#)), Chapter 3 ([Amusements](#)), Chapter 5 ([Building Maintenance Code](#)), Chapter 12 ([Massage Establishments](#)), Chapter 13-320.1 ([Designation of watercraft, boat trailer, motor home, and camping trailer "restricted parking" zones](#)), Chapter 14 ([Noise](#)), Chapter 16-56 ([Graffiti Prevention and Removal](#)), Chapter 22 ([Refuse](#)), Chapter 23 ([Public Sanitary Sewers](#)), Chapter 23.2 ([Stormwater Management](#)), Chapter 25 ([Subdivisions - Minimum Requirements](#)), Chapter 29 ([Weeds & Grass](#)), Chapter 32 ([Zoning](#)), Chapter 33 ([Expedited Land Development Plan Review](#))

Public Works

Expenditure & Revenue Summary



Expenditure by Program	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed	% Change Adopt16/ Proposed17
1 Director's Office	\$1,433,949	\$1,279,245	\$1,314,440	\$698,136	\$720,936	3.27%
2 Historic Preservation	\$1,437,429	\$1,451,620	\$1,471,991	\$1,418,429	\$1,425,258	0.48%
3 Stormwater Infrastructure Management	\$8,211,116	\$8,716,141	\$2,985,878	\$2,942,359	\$3,302,756	12.25%
4 Site Development	\$0	\$82,979	\$3,131,249	\$3,382,599	\$3,299,188	(2.47%)
5 Watershed Improvement	\$0	\$243	\$3,123,486	\$4,434,386	\$4,594,931	3.62%
6 Fleet Management	\$10,136,244	\$10,391,824	\$10,231,551	\$11,689,920	\$11,609,594	(0.69%)
7 Facilities Construction Management	\$58,470	\$197,895	\$1,551	\$119,156	\$119,149	(0.01%)
8 Sign Shop	\$244,810	\$230,756	\$231,381	\$181,082	\$205,435	13.45%
9 Small Project Construction	\$3,015,250	\$2,048,951	\$1,599,435	\$1,860,051	\$2,058,102	10.65%
10 Mosquito & Forest Pest Management	\$1,396,279	\$1,503,026	\$1,417,367	\$1,769,138	\$1,808,077	2.20%
11 Solid Waste	\$17,962,340	\$19,269,885	\$19,256,939	\$20,246,749	\$24,948,454	23.22%
12 Buildings & Grounds	\$9,634,426	\$10,736,120	\$10,479,664	\$10,327,940	\$11,167,356	8.13%
13 Property Management	\$11,233,841	\$10,787,030	\$10,991,448	\$11,365,486	\$12,312,610	8.33%
14 Neighborhood Services	\$3,312,784	\$3,254,636	\$3,450,579	\$3,837,839	\$4,085,882	6.46%
15 Service Districts (Bull Run & Lake Jackson)	\$358,840	\$462,222	\$336,990	\$365,311	\$365,311	0.00%
Total Expenditures	\$68,435,778	\$70,412,571	\$70,023,949	\$74,638,581	\$82,023,038	9.89%

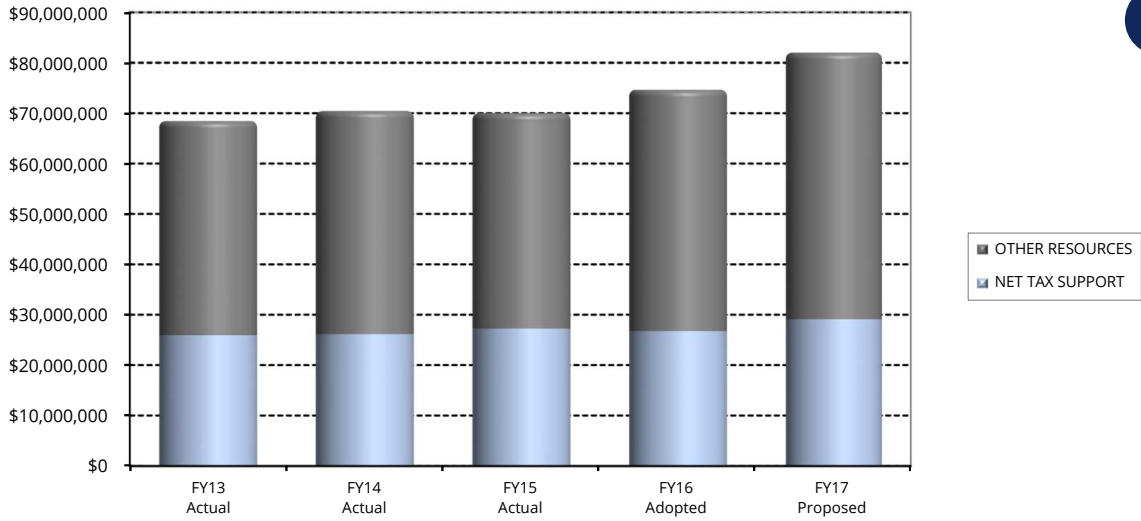
Expenditure by Classification

1 Personal Services	\$18,065,424	\$18,674,308	\$19,095,819	\$20,179,168	\$20,943,624	3.79%
2 Fringe Benefits	\$6,516,792	\$6,521,293	\$6,114,896	\$7,024,048	\$6,998,629	(0.36%)
3 Contractual Services	\$9,218,162	\$11,066,409	\$10,594,637	\$11,897,089	\$13,761,735	15.67%
4 Internal Services	\$3,081,607	\$2,986,634	\$3,803,399	\$2,701,730	\$2,780,723	2.92%
5 Purchase Goods & Supplies	\$13,478,666	\$11,574,683	\$11,328,794	\$15,322,085	\$14,609,678	(4.65%)
6 Debt Maintenance	\$297,314	(\$35)	\$0	\$0	\$0	—
7 Depreciation	\$3,342,356	\$3,171,757	\$4,433,516	\$1,007,569	\$1,007,569	0.00%
8 Amortization	\$1,748,550	\$3,774,243	\$2,386,372	\$1,755,699	\$1,755,699	0.00%
9 Capital Outlay	\$2,314,194	\$2,658,020	\$2,552,188	\$6,986,263	\$11,929,994	70.76%
10 Leases & Rentals	\$6,293,748	\$6,247,571	\$6,452,339	\$6,806,411	\$6,959,789	2.25%
11 Recovered Costs/Budgeted Savings	(\$646,633)	(\$829,535)	(\$997,515)	(\$3,522,700)	(\$3,570,217)	1.35%
12 Transfers	\$4,725,599	\$4,567,221	\$4,259,504	\$4,481,219	\$4,845,816	8.14%
Total Expenditures	\$68,435,778	\$70,412,571	\$70,023,949	\$74,638,581	\$82,023,038	9.89%

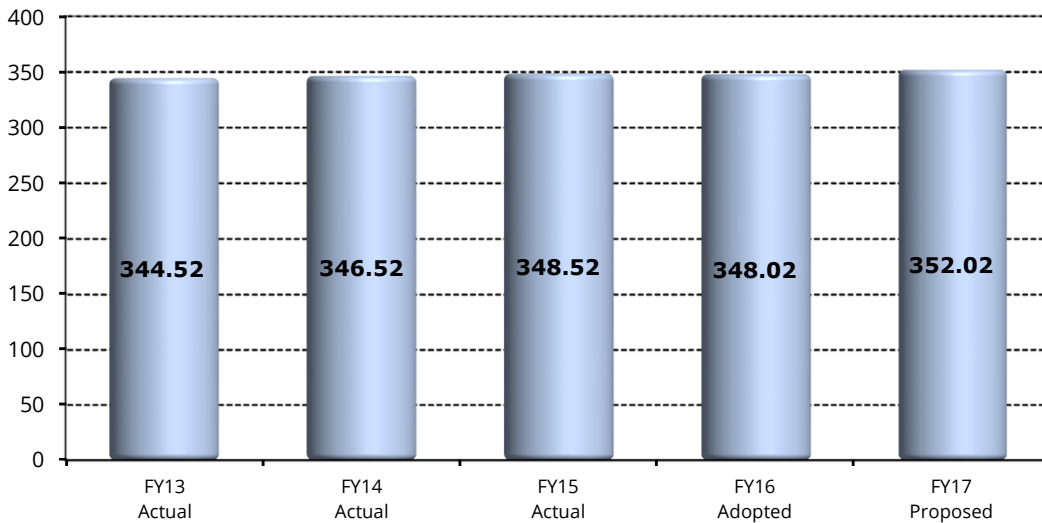
Funding Sources

1 General Property Taxes	\$1,474,561	\$1,540,997	\$1,599,105	\$1,714,771	\$1,794,771	4.67%
2 Permits, Privilege Fees & Regulatory License	\$2,112,441	\$1,901,782	\$2,297,479	\$2,546,327	\$2,407,996	(5.43%)
3 Fines & Forfeitures	\$6,000	\$1,163	\$570	\$0	\$0	—
4 Revenue From Use of Money & Property	\$584,946	\$1,761,543	\$1,735,851	\$1,957,067	\$1,989,190	1.64%
5 Charges for Services	\$35,773,031	\$35,346,122	\$36,322,119	\$37,044,787	\$37,338,895	0.79%
6 Miscellaneous Revenue	\$87,116	\$145,166	\$259,314	\$140,000	\$243,000	73.57%
7 Revenue From Other Localities	\$0	\$56,997	\$2,839	\$0	\$0	—
8 Revenue From Commonwealth	\$482,738	\$480,227	\$1,295,388	\$552,728	\$552,728	0.00%
9 Revenue From Federal Government	\$34,126	\$267,260	\$267,260	\$330,000	\$330,000	0.00%
10 Non-Revenue Receipts	\$331,502	\$157,526	\$223,397	\$239,700	\$173,700	(27.53%)
11 Transfers	\$5,178,335	\$10,067,561	\$2,212,371	\$2,514,702	\$2,023,447	(19.54%)
12 Non-General Fund Adjustments	(\$3,561,191)	(\$7,444,974)	(\$3,424,241)	\$856,177	\$6,068,705	608.81%
Total Designated Funding Sources	\$42,503,604	\$44,281,371	\$42,791,452	\$47,896,259	\$52,922,432	10.49%
Net General Tax Support	\$25,932,174	\$26,131,200	\$27,232,497	\$26,742,322	\$29,100,607	8.82%
Net General Tax Support	37.89%	37.11%	38.89%	35.83%	35.48%	

Public Works



Expenditure History



Staff History

	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
1 Director's Office	6.77	6.77	5.77	5.77	5.77
2 Historic Preservation	14.55	14.55	14.55	14.55	14.55
3 Stormwater Infrastructure Management	57.83	60.90	24.97	23.75	25.15
4 Site Development	0.00	0.00	25.71	27.70	27.79
5 Watershed Improvement	0.00	0.00	11.93	11.27	11.28
6 Fleet Management	35.15	35.15	35.15	35.15	35.15
7 Facilities Construction Management	8.50	8.50	9.50	9.50	9.50
8 Sign Shop	3.84	3.84	4.12	4.03	4.12
9 Small Project Construction	17.34	17.20	15.11	14.98	14.39
10 Mosquito & Forest Pest Management	13.74	13.81	13.91	14.02	14.02
11 Solid Waste	59.72	59.72	59.72	60.72	60.72
12 Buildings & Grounds	72.97	72.97	74.97	73.47	76.47
13 Property Management	16.00	16.00	16.00	16.00	16.00
14 Neighborhood Services	38.11	37.11	37.11	37.11	37.11
15 Service Districts (Bull Run & Lake Jackson)	0.00	0.00	0.00	0.00	0.00
Full-Time Equivalent (FTE) Total	344.52	346.52	348.52	348.02	352.02

Staff By Program

Future Outlook

Office Space - Many County facilities are currently at capacity. In particular, three of the larger County facilities – the Judicial Center, Sudley North and Ferlazzo buildings – have faced increasing space shortages for several years. In recent years these space shortages have led to expansions into leased space and sharing of existing County space with other agencies. Additional leased or owned space will be needed to accommodate future growth. In particular, the Human Resources office is anticipating staff increases that will necessitate additional space and a permanent office location is needed for the Brentsville District Supervisor.

Security - Facility Security continues to be an increasing concern for the safety of staff and protection of property. In FY13, Public Works created a new Security activity within its budget to better track the true costs of securing facilities. This budget had previously been within the facilities management budget. The Public Works security budget manages facility access security systems and after hour security forces. Over the years, the complexity and volume of the security systems has grown exponentially. Also, the addition of more leased space, the recent opening of two new community libraries, and the future addition of the Central Police Station have and will continue to impact workloads. Costs to maintain, re-program and repair these systems also continue to grow steadily due to increased demands and expectations. Public Works is preparing a detailed request for the Fiscal Year 2018 Budget process to request additional resources to address the increased workloads.

New Fleet Facility - Fleet Management's maintenance facility is centrally located in the County. In the future additional staff and maintenance facilities will be necessary at the current location or in the eastern and western parts of the County. The additional space and staff are needed to support the annually increasing public safety fleet. Furthermore, this additional space needs to have dedicated staff and heavy equipment bays for servicing large apparatuses like ambulances, fire trucks and specialized police equipment. Ideally a fleet facility should have 1.5 bays per mechanic; the current fleet facility has only one bay per mechanic and only one area to service large apparatus.

Water Quality Improvement Mandates - Environmental Services is concerned about the ever increasing federal and state requirements for Chesapeake Bay Restoration and Total Maximum Daily Loads (TMDL) reductions for water quality improvements. Such large pollutant reductions will be very difficult to achieve without strict adherence to new stormwater regulations as well as increased spending and stormwater management (SWM) fee increases on the citizens and commercial property owners of the County.

General Overview

A. Internal Service Fund - The County annually allocates all technology costs to agencies through an ISF, using the approved cost basis for each technology activity. Technology activities include phone, radio and computer support, business system support, GIS, web services, capital equipment replacement and administration. In FY17 the Public Works technology budget increases by \$35,756 to \$908,977.

Public Works

B. Indirect Cost Transfer Increase - Indirect costs are expenditures charged by one part of the County government for services rendered by another part of the County government. In Public Works, there are several fee-supported programs which must reimburse the general fund for the cost of office space, utilities and other basic agency support. The indirect cost transfer amounts are listed in the table below:

Indirect Cost Transfer			
	FY16 Adopted	FY17 Proposed	Change
Solid Waste	\$940,121	\$1,164,019	\$223,898
Mosquito & Forest Pest Management	\$185,384	\$212,379	\$26,995
Stormwater/Watershed Management	\$467,974	\$591,647	\$123,673
Total Public Works Indirect Cost Transfer	\$1,593,479	\$1,968,045	\$374,566

- C. Fuel Savings** - The Fleet fuel budget is reduced \$800,000 in FY17 based on lower fuel prices nationwide.
- D. Building & Grounds Contract Increases** - Buildings & Grounds is responsible for custodial services in County owned facilities. The custodial contract costs are increasing \$25,000 in FY17. An additional \$118,925 is being budgeted for pest control services. These contract increases are being funded via a shift from the FY17 fuel savings.
- E. One-Time Reductions** - Approximately \$3.2 million was removed from the Solid Waste FY17 budget for one-time, non-recurring items approved in FY16.
- F. Shift from County Print Shop for Printing Services** - In FY16, the Print Shop was converted to a cost recovered activity. The only thing not billed to customers in FY16 was a \$228,000 allocation used by certain departments for recurring print jobs. In FY17, the entire activity will be cost recovered so the \$228,000 allocation will be shifted to those departments. As a result, the Public Works printing services budget will increase \$13,327 in FY17. There is a corresponding decrease in the Public Works Print Shop activity budget.
- G. Non-General Fund Uses and Contributions** - This amount is included to show adjustments to fund balances for non-general fund activities in order to calculate the net general tax support for Public Works.

Non-General Fund Adjustments To Fund Balance (Required to Calculate the Net General Tax Support)							
	FY13 Actual	FY14 Actual	FY15 Actual	FY15 Ending Fund Balance as of 6/30/15	FY16 Adopted	FY17 Proposed	% Change Adopt FY15/ Proposed FY17
Mosquito & Forest Pest Management Fund Balance (Increase)/Use of	\$320,569	\$284,790	\$118,641	\$2,182,428	\$386,154	\$341,593	(11.54%)
Stormwater Management Fund Balance (Increase)/Use of	(\$701,886)	(\$667,494)	(\$1,214,622)	\$4,692,858	\$46,030	\$123,226	167.71%
VSMP Fund Balance (Increase) / Use of	\$0	\$0	(\$692,883)	\$692,883	\$385,747	\$249,220	(35.39%)
Site Development Fund Balance (Increase) / Use of	(\$769,621)	(\$369,038)	(\$622,306)	\$3,482,707	(\$759,550)	(\$148,860)	(80.40%)
*Fleet Management Fund Balance (Increase)/Use of	(\$33,523)	\$112,771	\$2,577	\$209,943	\$0	(\$0)	—
Innovation Clearing & Mowing Fund Balance (Increase)/Use of	\$0	\$0	\$15,450	\$663,457	\$0	\$40,000	—
Service Districts Fund Balance (Increase)/Use of	(\$101,796)	\$58,683	(\$18,192)	\$341,677	\$24	\$24	0.00%
*Small Project Construction Fund Balance (Increase)/Use of	\$168,172	\$135,662	(\$21,852)	\$1,436,591	(\$7,457)	\$190,593	(2655.90%)
*Solid Waste Fund Balance (Increase)/Use of	(\$2,443,105)	(\$7,000,348)	(\$991,054)	\$39,494,786	\$805,229	\$5,272,934	554.84%
Total Non-General Fund Adjustments	(\$3,561,191)	(\$7,444,974)	(\$3,424,241)	\$53,197,330	\$856,177	\$6,068,729	608.82%

* Effective FY15, per GASB Statement No.68 Accounting and Financial Reporting for Pensions, pension liabilities must be reported which impacts the net position or fund balance.

Public Works

H. Site Inspections Funding Shift and Expenditure Reductions – Since 2010, funding for the site inspections activity was split between the stormwater management fee and land development fees. In FY17, more of the funding for site inspections will be shifted to development fees and VSMP. Development fees will fund 60%, VSMP fees will fund 20% and the stormwater management fee will fund the remaining 20% of Site Development. The stormwater management fee will continue to fund federal and state mandated activities for Chesapeake Bay TMDL reductions and water quality improvements. In addition to the reallocation of funding sources, the overall activity budget was reduced by \$105,000, including \$69,000 for one-time vehicle purchases.

I. Compensation Increase - Compensation adjustments totaling \$381,474 are made to support the following changes:

Benefits:

- 5.00% Retiree Health Credit;
- 0.03% Long Term Disability Insurance for VRS Hybrid Plan employees;
- -0.01% Group Life Insurance;
- -1.00% VRS Plan 1 Savings; and
- -1.75% VRS employer rate;

Salaries:

- 3.00% Pay for Performance; and
- 1.00% Salary adjustment to offset the required VRS contribution by Plan 1 and some Plan 2 employees.

Additional detail concerning these adjustments can be found in the Unclassified Administrative section of Non-Departmental.

Program Summary

Director's Office

Provide overall leadership and management oversight for all Public Works activities. Review all major policy issues, financial transactions, BOCS reports, County Executive generated tracker reports and interface with executive management and the citizens of Prince William County on complex issues within the department.

Key Measures	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Key department program measures met	100%	77%	62%	80%	70%
Public Works DART Score (Days Away, Restricted or Transferred)	4.9	8.1	3.0	4.5	4.5

Program Activities & Workload Measures (Dollar amounts expressed in thousands)	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Leadership & Management	\$1,434	\$1,279	\$1,314	\$698	\$721
BOCS agenda items	50	42	68	45	54

Public Works

Historic Preservation

Manage the capital funding (through grants and capital program), design, restoration and preservation of all County-owned historic sites. Engage in historic collections management. Support the work plan developed by the Historic Preservation Foundation. Manage the daily operations of County historic sites, including the site specific volunteers, assist with collections and ensure the protection of the resources. Manage rentals, educational outreach, special events and programming of all County-owned historic sites.

Key Measures	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Customer satisfaction with visit to historic site	97%	95%	96%	95%	95%
Volunteer hours value	\$116,114	\$212,186	\$106,580	\$150,000	\$150,000
Revenue recovery rate	10.0%	4.9%	4.1%	7.0%	5.0%

Program Activities & Workload Measures (Dollar amounts expressed in thousands)	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Preservation	\$623	\$670	\$373	\$393	\$364
Annual average hours of service per long term volunteer	40	57	41	55	50
Archeological collections donated to the County	15	5	11	9	9
Management & Events Programming	\$814	\$782	\$622	\$609	\$585
Programs at historic sites	1,076	1,212	768	1,200	850
FTE equivalent of volunteer hours contributed	3	6	3	4	4
Visitors to historic sites	45,357	53,708	70,892	56,000	77,000
Maintenance & Construction	—	—	\$477	\$417	\$476
Work orders for historic buildings and grounds	—	172	137	170	150
Construction, restoration and renovation projects	—	4	3	3	3

A. Budget Initiatives

1. Reduce Transient Occupancy Tax Revenue

Expenditure	\$0
Revenue	(\$301,739)
General Fund Impact	\$301,739
FTE Positions	0.00

- a. **Description** - Transient Occupancy Tax (TOT) revenue is no longer sufficient to support the entire Historic Preservation program and the operating transfer to the Convention Visitors

Public Works

Bureau. In FY17, \$301,739 of general fund tax support will be used to offset the reduction in TOT revenue.

- b. Service Level Impacts** - Existing service levels are maintained.

Stormwater Infrastructure Inspections and Maintenance

Ensure that the County's stormwater infrastructure is in compliance with environmental regulations, standards and policies including County standards, the Chesapeake Bay TMDL and the County's MS4 permit. The program consists of the inspection of existing infrastructure, such as storm drain inlets, storm sewers and stormwater management facilities within County easements, as well as major maintenance of County-maintained facilities.

Key Measures	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Drainage assistance requests responded to within 5 business days	90%	96%	97%	90%	90%

Program Activities & Workload Measures (Dollar amounts expressed in thousands)	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Stormwater Management Infrastructure Inspection	—	—	\$871	\$873	\$701
County-maintained facilities inspected and/or re-inspected	1,456	1,449	843	1,400	875
Privately-maintained facilities inspected and/or re-inspected	276	312	375	250	200
Miles of drainage systems inspected	627	804	634	650	150
Stormwater Management Infrastructure Maintenance	—	—	\$2,115	\$2,069	\$2,601
Major maintenance cases completed/closed within 30 business days	65	110	145	—	—
Major maintenance cases completed/closed	183	138	191	130	150

A. Budget Initiatives

1. Add One Field Supervisor for Drainage Maintenance and Inspections

Expenditure	\$110,893
Revenue	\$110,893
General Fund Impact	\$0
FTE Positions	1.00

- a. Description** - A recent division reorganization created one drainage-related function for the maintenance of all publicly maintained pipes, ponds, inlets and other stormwater infrastructure.

Public Works

The maintenance and inspection duties are now separated into two distinct groups. This reorganization shifted five employees from the inspection function to the maintenance function. Currently there is one supervisor for both functions. The high span of control in addition to the increase in public stormwater infrastructure and corresponding maintenance responsibilities has made supervision and the performance of drainage-related maintenance duties very difficult for one person to oversee and manage. An additional Field Supervisor position is needed to handle the increased work load and reduce the span of control for the one existing supervisor.

b. Service Level Impacts - The additional supervisor will have the following service level impacts:

- **Number of citizen drainage maintenance cases responded to within 3 days**

<i>FY17 w/o Addition</i>		123
<i>FY17 w/ Addition</i>		183

- **SWM ponds major maintenance work closed within 30 days**

<i>FY17 w/o Addition</i>		62
<i>FY17 w/ Addition</i>		93

Site Development

Review multiple levels of land development plans and inspection of construction sites, to ensure compliance with environmental regulations, standards and policies related to stormwater management, best management practices, erosion and sediment control, resource protection areas, floodplains and geotechnical.

Key Measures	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Site development plan submissions reviewed within standards set by the County's Administrative Procedures Manual (APM)	100%	100%	100%	100%	100%
Lot grading plan submissions reviewed within 10 business days	100%	100%	100%	100%	100%

Program Activities & Workload Measures (Dollar amounts expressed in thousands)	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Plan Review	—	\$0	\$1,503	\$1,470	\$1,591
Site development plan submissions reviewed	554	540	495	550	500
Lot grading lots reviewed	1,115	1,169	1,140	1,100	1,100
Site Inspections	—	\$83	\$1,629	\$1,912	\$1,709
Virginia Stormwater Management Program (VSMP) and erosion and sediment control inspections	23,296	23,681	18,285	22,000	20,000

A. Budget Initiatives

1. Site Development Revenue Adjustment

Expenditure	\$0
Revenue	(\$140,809)
General Fund Impact	\$0
FTE Positions	0.00

a. Description - This is the net impact to revenue based on adjustments in both the Plan Review and Site Inspections activity. The revenue adjustments are based on updated projections and current activity levels in each area.

b. Service Level Impacts - Existing service levels are maintained.

2. Add Security Cameras to the Cash Handling Areas

Expenditure	\$5,720
Revenue	\$5,720
General Fund Impact	\$0
FTE Positions	0.00

a. Description - Add security cameras to the cash collection areas in the Environmental Services Division Suite in the Development Services Building to correct deficiencies noted during the recent internal audit of county cash collection handling practices. This is a one-time cost.

b. Service Level Impacts - Comply with county cash collection policies and minimize risks associated with cash collections.

Watershed Improvement

Ensure that the water quality of streams within each of the County's watersheds is in compliance with environmental regulations, standards and policies including the Chesapeake Bay TMDL and the County's MS4 permit. The focus of this program is to address water quality issues associated with illicit pollution discharges into the storm drainage system, discharge of pollutants from industrial activities, sediment release associated with stream erosion, and the reduction of nitrogen, phosphorous and sediment loads from stormwater runoff. The program includes the assessment of streams and other natural resources within each watershed, identification of problem areas, and implementation of water quality improvements. In addition, environmental education, outreach and technical assistance to citizens, both in urban areas as well as within the agricultural community, are components of this program.

Key Measures	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Industrial or high risk inspections conducted	9	25	60	10	80
Linear feet of stream restorations completed	2,050	1,100	1,100	2,500	2,500

Public Works

Program Activities & Workload Measures (Dollar amounts expressed in thousands)	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Watershed Monitoring	—	\$0	\$2,728	\$3,810	\$4,160
Linear feet of stream assessments completed	63,250	94,302	67,457	50,000	60,000
Dry weather outfalls monitored and inspected	156	513	1,366	500	1,000
Watershed Improvements	—	—	\$395	\$625	\$435
Pounds of phosphorous reduction achieved with BMP retrofits	—	NR	12	20	—
Pounds of phosphorus reduction achieved	—	—	—	—	50

A. Budget Reductions

1. Eliminate Fee for Potomac Watershed Roundtable

Expenditure	(\$1,500)
Revenue	\$0
General Fund Impact	\$0
FTE Positions	0.00

a. **Description** - The County no longer participates in the Potomac Watershed Roundtable, a regional forum to promote collaboration on environmental concerns, especially water issues. There is no impact to the general fund.

b. **Service Level Impacts** - Existing service levels are maintained.

B. Budget Initiatives

1. Update Countywide Floodplain Mapping

Expenditure	\$300,000
Revenue	\$300,000
General Fund Impact	\$0
FTE Positions	0.00

a. **Description** - The County's current floodplain maps prepared by FEMA (effective 1995) were based on the County's land use in the early 1990s. In the last 25 years there has been significant development in the County's watersheds, leading to an increase in stream flows. The floodplain maps prepared with old land use maps may not represent true risk to the public and property from flooding. Updates to floodplain maps based on updated topographic maps and stream flows will help establish new floodplain boundaries to better protect properties.

b. **Service Level Impacts** - Existing service levels are maintained.

Public Works

2. Stormwater Management Revenue Adjustment and Fee Increase

Expenditure	\$0
Revenue	\$212,000
General Fund Impact	\$0
FTE Positions	0.00

a. Description - A 3% increase to the Stormwater Management Fee is requested to support stormwater requirements and to address increasing and aging stormwater infrastructure. Program demands are in the areas of stream assessments and restorations, best management practice retrofits of residential stormwater management facilities, development of sub-watershed management plans, additional dam safety program requirements, drainage systems maintenance and increased requirements of the County's new MS4 permit.

b. Service Level Impacts - Existing service levels are maintained.

3. Occoquan Watershed Management Program Contribution Increase

Expenditure	\$5,227
Revenue	\$5,227
General Fund Impact	\$0
FTE Positions	0.00

a. Description - Prince William County is part of the Northern Virginia Regional Commission. In addition to the general contribution there is a \$41,765 contribution to the Occoquan Watershed Management Program that is funded by Stormwater Management fees. This is a \$5,227 increase over FY16.

b. Service Level Impacts - Existing service levels are maintained.

Fleet Management

Provide county vehicle maintenance and county vehicle replacement. Provide fuel, repairs and maintenance to the County's vehicles and equipment in an efficient and cost effective manner and minimize downtime due to breakdowns or other unscheduled maintenance. Replace County vehicles at the optimum point in the vehicle life cycle, maximizing cost-effectiveness and vehicle safety and reliability.

Key Measures	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Cost per mile - light duty public safety vehicles	\$0.25	\$0.26	\$0.25	\$0.28	\$0.28
Cost per mile - light duty non-public safety vehicles	\$0.34	\$0.35	\$0.34	\$0.34	\$0.34
Work orders that are scheduled maintenance	58%	58%	57%	58%	58%
Availability of public service light duty vehicles	95%	90%	91%	92%	92%
Public Safety vehicles due or overdue for replacement	10%	14%	10%	<8%	<8%

Public Works

Program Activities & Workload Measures (Dollar amounts expressed in thousands)	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
County Vehicle Maintenance	\$7,703	\$7,745	\$7,425	\$9,065	\$8,847
Vehicles maintained (<10,000 lbs. gross vehicle weight)	1,087	1,124	1,153	1,143	1,145
Heavy equipment maintained (>10,000 lbs. gross vehicle weight)	207	226	227	225	225
Work orders	7,040	7,390	8,293	7,333	7,500
County Vehicle Replacement	\$2,433	\$2,646	\$2,806	\$2,625	\$2,763
General fund vehicles purchased	119	109	96	95	95

A. Budget Initiatives

1. Vehicle Replacement Budget Increase

Expenditure	\$137,984
Revenue	\$10,484
General Fund Impact	\$127,500
FTE Positions	0.00

a. Description - This initiative supports future vehicle replacement for Police vehicles being purchased in FY17 (\$127,000). In FY16, Public Works Fleet Program incorporated Adult Detention Center (ADC) vehicles into their replacement cycle so an additional \$10,484 is being added to the fleet budget supported by revenue from the ADC fund.

b. Service Level Impacts - Existing service levels are maintained.

Facilities Construction Management

Support the Capital Improvement Program (CIP) by developing budgets and managing the design and construction of County facilities. The majority of expenditure costs in this activity are recovered from capital projects.

Key Measures	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Customers satisfied with overall project management	100%	90%	90%	90%	90%
CIP construction change order difference from original contracted amount	—	5%	3%	<10%	<5%
CIP construction change orders based on user requested changes/scope difference from total change order costs	—	4%	1%	<10%	<7%

Public Works

Program Activities & Workload Measures (Dollar amounts expressed in thousands)	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
County Facility Construction	\$58	\$198	\$2	\$119	\$119
Total CIP projects	7	9	9	8	8
Total non-CIP projects	7	5	2	4	0

Sign Shop

The Sign Shop inspects, fabricates, installs and maintains all street name signs as mandated by the Virginia Code § [33.2-328](#), the Code of Ordinances, County of Prince William Section 24-3 and the County's Design and Construction Standards Manual (DCSM) Section 604.06. In addition, the program produces high quality graphics for County vehicles and creates custom-designed original graphic designs for interior and exterior signs, banners, posters and displays for County agencies, outside jurisdictions and developers.

Key Measures	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Street name signs replaced within 7 days of inspection	94%	83%	71%	95%	85%

Program Activities & Workload Measures (Dollar amounts expressed in thousands)	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Street Name Signs	\$245	\$209	\$219	\$181	\$205
Streets requiring street name signs	9,350	9,450	9,483	9,650	9,600
Street name signs fabricated for maintenance	760	664	485	700	600
Signs and Graphics	—	\$22	\$12	\$0	\$0
Signs and graphics fabricated for revenue	10,892	13,648	12,049	11,000	11,000
Sign and graphic jobs completed	625	569	631	625	650

Small Project Construction

Provide support for a variety of County projects including stormwater maintenance, stream restorations, drainage improvements, parks and transportation improvements.

Key Measures	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Community improvement projects completed within 10% of estimated cost	91%	91%	96%	95%	95%
Community improvement projects completed on time	93%	96%	99%	95%	—

Program Activities & Workload Measures (Dollar amounts expressed in thousands)	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Small Community Improvement Construction	\$3,118	\$2,263	\$1,599	\$1,860	\$2,058
Community improvement projects completed	46	57	81	50	50

A. Budget Initiatives

1. Replace an Excavator

Expenditure	\$230,000
Revenue	\$0
General Fund Impact	\$0
FTE Positions	0.00

a. Description - The current excavator was purchased in 2001, with an estimated 10-year service life. It has continued to perform for 15 years; however, the hydraulic pump is wearing out and the machine no longer performs to specifications. In addition, the engine does not meet the new Tier 4 diesel emission requirements that have been implemented over the past 10 years. The construction crew fund balance is the source of funds for this purchase. There is no general fund impact.

b. Service Level Impacts - Existing service levels are maintained.

Mosquito & Forest Pest Management

Survey, reduce and control mosquitoes and certain forest pest populations. Program objectives include minimizing mosquito-transmitted disease by reducing mosquito populations and breeding sites, minimizing tree defoliation and mortality caused by the gypsy moth and fall cankerworm, conducting surveillance and outreach for Emerald Ash Borer, Asian Longhorned Beetle, Thousand Cankers Disease, Sudden Oak Death and Oak Splendour Beetle and minimizing adverse environmental and human health impacts resulting from the treatment of these pests.

Key Measures	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Mosquito traps identified within 48 hours	—	—	98%	95%	98%
Gypsy moth egg mass surveys done by November 1st	—	—	97%	90%	95%
Citizen site visit requests responded to within 24 hours	97%	97%	89%	98%	95%

Program Activities & Workload Measures (Dollar amounts expressed in thousands)	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Mosquito/Forest Pest Monitoring	\$827	\$685	\$850	\$929	\$984
Larval mosquito habitat inspections	4,265	4,053	5,840	4,000	5,000
Reduction and Response	\$569	\$818	\$568	\$840	\$824
Mosquito larvicide applications	1,549	2,278	1,474	2,000	1,500

A. Budget Initiatives

1. Mosquito & Forest Pest Revenue Increase

Expenditure	\$0
Revenue	\$83,500
General Fund Impact	\$0
FTE Positions	0.00

a. Description - This initiative increases the revenue generated from the Mosquito & Forest Pest Levy by \$80,000 for a total of \$1,436,484. Interest income is also increasing \$3,500.

b. Service Level Impacts - Existing service levels are maintained.

Public Works

Solid Waste

Provide solid waste management services to all citizens, institutions and businesses of Prince William County. Facilities and programs promote waste reduction and recycling, and efficiently receive and process all acceptable household and commercial wastes generated within the geographical boundaries of Prince William County, including the towns of Dumfries, Haymarket, Occoquan and Quantico. Processing of the waste will meet or exceed all applicable federal, state and local regulations.

Key Measures	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Refuse recycled	41%	41%	41%	42%	43%
Tons of refuse processed	320,058	349,276	403,080	350,000	350,000

Program Activities & Workload Measures (Dollar amounts expressed in thousands)	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Solid Waste Management & Administration	\$5,010	\$4,868	\$5,918	\$6,401	\$5,213
Non-residential accounts processed	3,914	4,014	4,139	4,000	4,000
Appeals completed within 30 days	100%	100%	100%	>99%	>99%
Yard Waste Composting	\$3,323	\$2,851	\$2,865	\$3,642	\$3,596
Tons of County yard waste diverted from waste stream	22,174	19,016	17,324	22,000	22,000
Solid Waste Facilities Operation	\$8,960	\$10,741	\$9,378	\$8,881	\$7,716
Refuse trucks inspected	4,401	4,087	4,311	4,000	4,000
Pounds of Household Hazardous Waste and eWaste collected	1,474,520	1,499,700	1,703,120	1,600,000	1,700,000
Citizens trips to Solid Waste facilities	479,695	486,199	511,225	500,000	515,000
Recyclable Materials Collected, Processed & Marketed	\$669	\$635	\$860	\$1,122	\$1,118
Tons of recyclables processed by County and marketed *	13,174	12,721	10,227	13,000	10,500
Revenue generated from sale of recyclables	\$562	\$594	\$576	\$600	\$500
Capital Projects	—	\$175	\$236	\$200	\$7,305
CIP projects completed within budget	100%	100%	80%	100%	—
CIP construction change order difference from original contracted amount	NA	NA	NA	—	<10%

* Beginning in FY15, this calculation includes scrap metal, oil and antifreeze.

A. Budget Reductions

1. Eliminate Security Guard Position and Add Contractual Security Services

Expenditure	(\$10,716)
Revenue	\$0
General Fund Impact	\$0
FTE Positions	(1.00)

a. Description - This initiative will eliminate the vacant Security Officer position in the Solid Waste program which results in approximately \$70,000 in savings. However, an additional \$60,000 is being added to the current contractual security services budget of \$80,000 so necessary security services can continue to be provided during all non-operational hours.

b. Service Level Impacts - Existing service levels are maintained.

B. Budget Initiatives

1. Increase Solid Waste Vehicle and Equipment Replacement Budget

Expenditure	\$305,000
Revenue	\$0
General Fund Impact	\$0
FTE Positions	0.00

a. Description - This initiative funds the scheduled replacement of solid waste equipment. Certain machines and vehicles are scheduled for replacement in FY17 and are fully supported by existing revenue from the solid waste fee. The equipment being replaced includes a pickup trailer (\$35,000), a roll-off truck (\$165,000), and seven recycling trailers (\$105,000).

b. Service Level Impacts - Existing service levels are maintained.

2. Electronics Recycling Program

Expenditure	\$100,000
Revenue	\$0
General Fund Impact	\$0
FTE Positions	0.00

a. Description - This initiative provides additional funding for the recycling of electronics, a special waste collected as part of the household hazardous waste program. The household hazardous waste activity receives approximately 1.7 million pounds each year (a 30% increase over FY15), including electronic waste such as CRT monitors and televisions. This cost is fully funded by existing solid waste fee revenue.

b. Service Level Impacts - Existing service levels are maintained.

3. Add One Accounting Services Coordinator Position

Expenditure	\$76,487
Revenue	\$0
General Fund Impact	\$0
FTE Positions	1.00

Public Works

a. Description - This position is needed to alleviate some of the administrative tasks being performed by the Program Managers and the Management & Fiscal Analyst II. Presently these tasks are taking away from efforts to expand and improve program results. For example, the solid waste fee database is now being reviewed and maintained (both non-residential and residential) by the Management & Fiscal Analyst II. In prior years it was a component of the real estate assessment system.

b. Service Level Impacts - The service level impacts are the following:

- **Refuse Recycled**

FY17 w/o Addition | 42%

FY17 w/ Addition | 43%

- **Tons of County Yard Waste diverted from waste stream**

FY17 w/o Addition | 20,000

FY17 w/ Addition | 22,000

4. Revenue Adjustment

Expenditure	\$0
Revenue	\$300,000
General Fund Impact	\$0
FTE Positions	0.00

a. Description - This adjusts the solid waste revenue budget by 2% due to commercial and residential growth. The Solid Waste fee remains unchanged.

b. Service Level Impacts - Existing service levels are maintained.

Buildings & Grounds

Provide building maintenance services to over 125 owned facilities and selected leased properties; landscaping, grounds maintenance, paving repair and installation, and moving services; custodial services for over one million square feet; and mail and printing services supporting the needs of the County government. Provide 24/7 operation and responsive emergency support to address natural or manmade disasters. Snow removal to keep the County functional is a major effort. Our work is done with an efficient combination of in-house and contract staff.

Key Measures	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Cost per square foot for custodial services	\$2.31	\$2.38	\$2.29	\$2.42	\$2.36
Routine maintenance work requests completed within ten (10) working days	—	70%	76%	70%	73%
Cost per square foot for building maintenance program service	\$3.06	\$2.73	\$2.74	\$2.89	\$2.82
Printing jobs completed on time	—	87%	87%	91%	89%
Routine grounds maintenance requests completed within ten (10) working days	—	95%	87%	96%	92%

Public Works

Program Activities & Workload Measures (Dollar amounts expressed in thousands)	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Building Maintenance	\$4,399	\$5,301	\$4,841	\$4,798	\$5,043
Work orders	5,072	6,194	5,000	6,200	5,600
Grounds Maintenance	\$1,123	\$1,169	\$1,198	\$1,241	\$1,773
Grounds work requests	798	789	797	776	787
Custodial Services	\$2,475	\$2,541	\$2,576	\$2,900	\$2,959
Square footage maintained	1,068,964	1,525,671	1,124,748	1,525,671	1,124,748
Graphics Arts & Print Shop	\$679	\$638	\$633	\$228	\$0
Copies produced in-house	7.2M	8.1M	8.1M	7.2M	7.6M
Printing jobs completed	1,241	1,074	2,223	1,241	1,732
Mail Room and Courier Service	\$246	\$295	\$335	\$382	\$397
Total pieces of mail handled	1.3M	1.3M	1.3M	1.4M	1.4M
Security	\$713	\$793	\$897	\$779	\$995
Citizen meetings supported by guard service	95%	96%	97%	92%	95%
Alarms and access devices work orders	—	1,063	788	1,100	944

A. Budget Initiatives

1. Major Repair of the Water Tower at Public Safety Training Center (PSTC)

Expenditure	\$500,000
Revenue	\$0
General Fund Impact	\$500,000
FTE Positions	0.00

- a. **Description** - A County-owned 300,000 gallon elevated water tank located at the PSTC supports the water system of the complex. The tower is owned by the County but maintained by the Service Authority, which has responsibility to perform annual inspections and conduct periodic rehabilitation. The rehabilitation efforts include repairs to welds, strip and repaint surfaces, and meet OSHA requirements. The rehab work that is currently required will be completed in 120 days. It will be completed by the Service Authority and contract support. One-time funding is provided by the general fund.
- b. **Service Level Impacts** - The work contributes to the continued operation of the water system supporting the public safety training academy, the driver education facility, the burn facility and other facilities in the complex.

Public Works

2. Additional Support for New Courthouse Security System

Expenditure	\$218,467
Revenue	\$0
General Fund Impact	\$218,467
FTE Positions	2.00

- a. **Description** - The Proposed FY17 CIP includes a \$4.3M Courthouse Security System Replacement project. Two FTE are being added in the Security activity to manage the new system and perform preventive maintenance. Since this is a secure facility, direct supervision is required over any contractors working on the new system. The FY17 costs include \$47,620 for contractor support and software licensing. In FY18, these costs are estimated to be \$200,000 annually. FY17 also includes a one-time vehicle budget of \$27,873.
- b. **Service Level Impacts** - Existing service levels are maintained. The current system is maintained by the Sheriff's Office but the new system will be maintained by Buildings & Grounds.

3. Add One Maintenance Mechanic for Central District Police Station

Expenditure	\$133,147
Revenue	\$0
General Fund Impact	\$133,147
FTE Positions	1.00

- a. **Description** - The Central District Police Station is a new 50,000 square foot facility scheduled to be completed in FY17. A maintenance mechanic is needed to support the 24/7 facility. The position will maintain the HVAC system, security devices and other facility needs.
- b. **Service Level Impacts** - The new facility will receive the same level of service from Buildings & Grounds as all other 24/7 County-owned buildings.

Property Management

Provide a wide array of internal county services including space planning, agency moves, furniture purchasing and management of surplus furniture items. Manage the leases of county buildings and the utility payments and energy usage monitoring of both owned and leased properties. Manage the County's Records Center in accordance with the mandated Library of Virginia retention standards.

Key Measures	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Customers satisfied with overall project management	98%	99%	97%	98%	98%
Average cost per square foot of leased space	\$16.74	\$18.79	\$19.07	\$19.89	\$19.93
Cost avoidance realized by redeploying surplus items	\$184,079	\$191,143	\$140,349	\$180,000	\$150,000

Program Activities & Workload Measures (Dollar amounts expressed in thousands)	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Property Management	\$2,222	\$1,469	\$1,562	\$1,727	\$2,379
Projects completed	327	240	215	250	250
Energy Management	\$2,983	\$3,082	\$2,982	\$2,901	\$3,025
Annual facility electric cost per square foot	\$1.67	\$1.71	NA	—	—
Annual facility electrical usage - KWH per square foot	19	20	19	20	19
Real Estate	\$5,910	\$6,115	\$6,318	\$6,597	\$6,750
Commercial square feet leased	323,094	317,814	324,309	324,309	328,509
Records Management	\$120	\$121	\$129	\$141	\$159
Boxes delivered/picked up	4,497	5,292	7,723	4,500	5,000
Records checked in/checked out (<i>revised method</i>)	—	7,996	8,270	7,000	8,000

A. Budget Initiatives

1. Major Furniture Replacement & Space Reconfiguration

Expenditure	\$500,000
Revenue	\$0
General Fund Impact	\$500,000
FTE Positions	0.00

- a. **Description** - This initiative provides funding to replace systems furniture in phases throughout the county but the primary focus will be at Sudley North, Ferlazzo, Garfield Police Station and Chinn Library. Most of this furniture is 20 to 30 years old and it is difficult to find replacement parts.
- b. **Service Level Impacts** - Replacing the furniture and reconfiguring spaces in phases will minimize disruption to customers, clients and employees.

2. Lease Escalation Costs

Expenditure	\$145,000
Revenue	\$0
General Fund Impact	\$145,000
FTE Positions	0.00

- a. **Description** - This initiative provides funding for lease escalation costs relating to existing leased space throughout the County.
- b. **Service Level Impacts** - Existing service levels are maintained.

Public Works

3. Utility Cost Increases

Expenditure	\$86,500
Revenue	\$0
General Fund Impact	\$86,500
FTE Positions	0.00

a. Description - This initiative provides additional funding for utility costs at existing facilities (\$58,000) and the new Central District Police Station (\$28,500). The station is scheduled to be completed in FY17. With occupancy occurring in August 2017, the FY18 annual utility costs for Central District Police Station are expected to be approximately \$170,000.

b. Service Level Impacts - Existing service levels are maintained.

Neighborhood Services

Provide a safe, clean and healthy community through education, community support and property code enforcement. Provide programs that teach residents and business owners how to properly maintain their properties, and work with neighborhood leaders to enforce property codes that go to the heart of the County's quality of life. Stimulate volunteer efforts across the County that empower citizens to clean trash and litter from common areas, waterways and the County's major roadways, to remove graffiti and other community maintenance issues in and around neighborhoods and to address other challenges by working together.

Key Measures	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Founded current year Property Code Enforcement cases resolved or moved to court action within 100 days	96%	95%	98%	94%	96%
Average litter rating for designated County roads (Note: one represents no visible trash and five represents a trash dumping site)	1.39	1.72	1.50	1.45	1.50
First inspection of complaint within five days	86%	91%	75%	86%	—
First inspection of complaint within seven working days	97%	97%	NA	—	83%
Average time to resolve cases (calendar days)	30	45	22	35	35

Public Works

Program Activities & Workload Measures (Dollar amounts expressed in thousands)	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Adopted	FY17 Proposed
Litter Control	\$672	\$695	\$680	\$792	\$801
Tons of trash removed by County Litter Crew	174	143	195	170	170
Illegal signs removed from State right-of-way	10,938	10,764	13,178	12,500	12,500
Landscaping	\$322	\$288	\$321	\$387	\$547
Landscaping areas maintained	38	42	44	43	44
Acres of medians and rights-of-way maintained	23	29	234	≥ 234	234
Property Code Enforcement	\$2,319	\$2,272	\$2,450	\$2,658	\$2,738
Total cases resolved	4,608	4,773	4,357	4,600	4,600
Total inspections conducted	11,505	11,497	11,500	11,000	11,000

APPENDIX 2

Spill Prevention and Response



**PRINCE WILLIAM COUNTY
DEPARTMENT OF FIRE AND RESCUE
HAZARDOUS MATERIALS RESPONSE PROGRAM
INCIDENT REPORT FORM**



INCIDENT INFORMATION	
Fire Dept. Incident #: 15001700	Date: 1/13/2015
Location: 7420 Ben Lomond Park Road	Time: 13:37
Report Completed By: Capt. Pennock	Incident Commander: Capt. Richardson
HM 506 Personnel Responding: Phone Consult - Capt. Pennock HS 516 Personnel Responding: Other HMT Personnel Responding:	

INCIDENT DESCRIPTION	
Flat Branch Pump Station 7420 Ben Lomond Park Road Manassas, VA 20109	
<p>E511 called for a phone consult relating to a hydraulic fluid leak that went into the Bun Run Creek. A crew from S.J. Louis Construction was on the scene digging when a hydraulic line broke on one of their pieces of equipment. The hydraulic fluid leaked into the ditch they were digging and was automatically pumped out by trash pumps positioned in the ditch that discharged into some vegetation and then ran into the creek. The construction company put out absorbent pads and a boom in the Bull Run Creek to contain as much of the hydraulic fluid as possible. The total amount that was spilled was estimated to be 2.5 gallons. The construction has a plan to allow the absorbent pads and boom to remain on the scene for a few days to make sure that all the hydraulic fluid is contained before removing and disposing of them properly.</p>	
RESPONSIBLE PARTY	OTHER PARTY
Name: Bill Bracken - Project Manager	Name:
Company: S. J. Louis Construction, Inc.	Company:
Address: 14631 Compton Road Centreville, VA 20121	Address:
Phone#: 320-267-1818	Phone#:
Notes:	Notes:

NOTIFICATIONS/CONTACTS

PRINCE WILLIAM COUNTY DEPARTMENT OF FIRE AND RESCUE
HAZMAT REPORT

NOTIFICATIONS/CONTACTS	
Date: 01/13/2015	Date:
Time: 14:00	Time:
Name: Wilburn	Name:
Comp/Agency: VAEOC	Comp/Agency:
Notes: Report Only	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
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Name:	Name:
Comp/Agency:	Comp/Agency:
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Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:

Additional Notes/Information:

HAZMAT Officer Comments:



**PRINCE WILLIAM COUNTY
DEPARTMENT OF FIRE AND RESCUE
HAZARDOUS MATERIALS RESPONSE PROGRAM
INCIDENT REPORT FORM**



INCIDENT INFORMATION	
Fire Dept. Incident #: 15002775	Date: 1/22/2015
Location: Commerce Street/ 61 Gordon Boulevard, Occoquan, VA 22125	Time: 13:57
Report Completed By: Technician II Brian Reader	Incident Commander: Lieutenant Robert Faye
HM 506 Personnel Responding: Phone Consult: Technician II Brian Reader, Technician I Cameron Malone	
HS 516 Personnel Responding: N/A	
Other HMT Personnel Responding: Captain Richard Pennock (BC502)	

INCIDENT DESCRIPTION	
<p>Received a phone at Station 506 from UFRO Lieutenant Terra Samuels for a phone consult with Lieutenant Robert Faye on E502B (571-762-3340). Phone call was made at 1402 and contact was made with Lieutenant Faye, who stated that he was on the scene of an over turned dump truck. The dump truck had spilled motor oil and Lieutenant Faye estimated that less than five gallons of motor oil entered a storm drain at the dispatched address. A thorough investigation of the storm drain could not be performed by E502 due to access issues. Lieutenant Faye stated that the tow company was on scene and in the process of cleaning up the spilled fluids on the roadway. Lieutenant Faye also stated that the tow company placed an absorbent boom in front of the storm drain to prevent more fluid from entering the storm drain. Lieutenant Faye was instructed to ensure the driver received a copy of the LEPC in order to facilitate cleanup of the oil in the storm drain. No other action taken by Prince William County Fire and Rescue Units. VA EOC and VA DEQ notified.</p>	
RESPONSIBLE PARTY	OTHER PARTY
Name: Omar Fleming	Name:
Company: Town of Vienna, Virginia	Company:
Address:	Address:
Phone#: 703-319-8612	Phone#:
Notes: Supervisor: Marshal Staton 571-274-2338	Notes:

NOTIFICATIONS/CONTACTS	
Date: January 22, 2015	Date: January 22, 2015
Time:	Time: 19:05
Name: Thelma	Name: Mark Miller
Comp/Agency: VA EOC	Comp/Agency: VA DEQ
Notes: Telephone Notification	Notes: Email Notification
HMVA-10142	

PRINCE WILLIAM COUNTY DEPARTMENT OF FIRE AND RESCUE
HAZMAT REPORT

NOTIFICATIONS/CONTACTS	
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
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Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:

Additional Notes/Information:

HAZMAT Officer Comments:



**PRINCE WILLIAM COUNTY
DEPARTMENT OF FIRE AND RESCUE
HAZARDOUS MATERIALS RESPONSE PROGRAM
INCIDENT REPORT FORM**



INCIDENT INFORMATION	
Fire Dept. Incident #: 15006442	Date: 2/20/2015
Location: 11780 Chanceford Drive	Time: 08:52
Report Completed By: B. Hayes	Incident Commander: Captain Orefice
HM 506 Personnel Responding: Phone Consult - Tech II Brendan Hayes HS 516 Personnel Responding: Other HMT Personnel Responding:	

INCIDENT DESCRIPTION	
<p>Engine 518 called about a hydraulic fluid spill on the roadway at the above address. Approximately 10 gallons had spilled onto the roadway when the hydraulic line burst on a Republic Services trash truck. The driver of the Republic Services trash truck used a broken down cardboard box, absorbant pads and two plastic jugs to initially absorb and contain the spill. E518 crew contained the spilled fluid on the roadway by damming with snow and spreading Oil Dry on top of the contained fluid inside the dam for absorption. E518 also used Oil Dry to dam around the containment measures of the driver underneath the truck. No storm drains or waterways were threatened. E518 officer advised that Republic Services was going to handle the spill cleanup "in-house" with their own cleanup crew and that they were en route to the scene along with a mechanic to fix the ruptured hydraulic line. Hazard mitigated.</p>	
RESPONSIBLE PARTY	OTHER PARTY
Name: Robert	Name: Richard
Company: Republic Services	Company: Republic Services
Address: 4619 West Ox Road, Fairfax, VA 22030	Address: 4619 West Ox Road, Fairfax, VA 22030
Phone#: 703-818-8200	Phone#: 703-906-3179
Notes:	Notes: In charge of in-house cleanup

NOTIFICATIONS/CONTACTS	
Date: 2/20/2015	Date:
Time: 11:11	Time:
Name: Leonetta	Name:
Comp/Agency: VAEOC	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:

PRINCE WILLIAM COUNTY DEPARTMENT OF FIRE AND RESCUE
HAZMAT REPORT

NOTIFICATIONS/CONTACTS	
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
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Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:

Additional Notes/Information:

HAZMAT Officer Comments:



**PRINCE WILLIAM COUNTY
DEPARTMENT OF FIRE AND RESCUE
HAZARDOUS MATERIALS RESPONSE PROGRAM
INCIDENT REPORT FORM**



INCIDENT INFORMATION	
Fire Dept. Incident #: 15008253	Date: 3/5/2015
Location: 16605 Georgetown Road	Time: 17:37
Report Completed By: Capt. Pennock	Incident Commander: Lt. Battenfeld
HM 506 Personnel Responding: Pennock HS 516 Personnel Responding: Other HMT Personnel Responding:	

INCIDENT DESCRIPTION	
Intersection of Jeff Davis and Georgetown Road Box truck was involved in a single vehicle accident caused by icy road conditions. During the accident the saddle tank was damaged. The tear in the tank caused the estimated 100 gallons of diesel fuel to spill out onto a snow/grassy area. When E523 arrived on the scene all the diesel fuel had already leaked out of the tank. E523's crew dug a containment pit in the dirt; this pit was doing a good job containing the diesel fuel. The driver was given names of the closet clean-up crews. Unknown which clean-up crew was going to be selected. Driver had to discuss clean-up options with his supervisor.	
RESPONSIBLE PARTY	OTHER PARTY
Name: Darurel Simions (Driver)	Name: John Cato (Supervisor)
Company: Louderback - Ace Logistics	Company: Louderback - Ace Logistics
Address: 311 Water Street Spring City, PA 19475	Address:
Phone#: 832-349-2963	Phone#: 918-826-3663
Notes: 610-792-9400 (Company #)	Notes:

NOTIFICATIONS/CONTACTS	
Date: 03-05-2015	Date:
Time: 20:45	Time:
Name: Archer	Name:
Comp/Agency: VAEOC	Comp/Agency:
Notes: Event Notification	Notes:

PRINCE WILLIAM COUNTY DEPARTMENT OF FIRE AND RESCUE
HAZMAT REPORT

NOTIFICATIONS/CONTACTS	
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
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Date:	Date:
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Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:

Additional Notes/Information:

Driver: Darurel Simions Cell # 832-349-2963
 Driver's Supervisor: John Cato Phone # 918-826-3663
 Louderback – Ace Logistics
 311 Water St.
 Spring City, Pa. 19475
 Main # 610-792-9400
 Emrg # 610-909-6606

Truck License# Indiana 2208174
 USDOT # 125550

HAZMAT Officer Comments:



**PRINCE WILLIAM COUNTY
DEPARTMENT OF FIRE AND RESCUE
HAZARDOUS MATERIALS RESPONSE PROGRAM
INCIDENT REPORT FORM**



INCIDENT INFORMATION	
Fire Dept. Incident #: 15009219	Date: 3/13/2015
Location: 7402 Sudley Road	Time: 13:25
Report Completed By: Lt. Saikowski	Incident Commander: E511
HM 506 Personnel Responding: Phone Consult HS 516 Personnel Responding: NA Other HMT Personnel Responding: NA	

INCIDENT DESCRIPTION	
<p>13:25 Received a phone call from UFRO informing HAZMAT that E511 was dispatched to the same area as the prior shift possibly regarding the same fuel spill. Explained ongoing situation to UFRO. 13:33 UFRO calls back to inform HAZMAT that E511 was requesting a phone consult on the matter. 13:35 Called E511 and spoke with the Officer who advised he believed this was the same spill and that he had a sheen in the creek near Ambassador Drive and Presidential Drive. He also advised that booms already in the water were collecting some of the product. Explained situation to E511 and documented the incident to be added to the previous report.</p>	
RESPONSIBLE PARTY	OTHER PARTY
Name:	Name:
Company:	Company:
Address:	Address:
Phone#:	Phone#:
Notes:	Notes:

NOTIFICATIONS/CONTACTS	
Date: 03-13-2015	
Time: 13:40	Date:
Name:	Time:
Comp/Agency: VAEOC	Name:
Notes: Advised them of the ongoing situation and they provided their Incident #HMVA-10819 for reference purposes so additional reports can be added to the original.	Comp/Agency:
	Notes:

PRINCE WILLIAM COUNTY DEPARTMENT OF FIRE AND RESCUE
HAZMAT REPORT

NOTIFICATIONS/CONTACTS	
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
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Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:

Additional Notes/Information:

HAZMAT Officer Comments:



**PRINCE WILLIAM COUNTY
DEPARTMENT OF FIRE AND RESCUE
HAZARDOUS MATERIALS RESPONSE PROGRAM
INCIDENT REPORT FORM**



INCIDENT INFORMATION	
Fire Dept. Incident #: 15012545	Date: 4/9/2015
Location: 12581 Aden Road	Time: 10:40
Report Completed By: Lt. Saikowski	Incident Commander: E505 OIC
HM 506 Personnel Responding: None (Phone consult) HS 516 Personnel Responding: NA Other HMT Personnel Responding: NA	

INCIDENT DESCRIPTION	
<p>Approximately 10:40 received call from PWC UFRO requesting phone consult with E505 Officer (703-499-3125). 10:45 Called E505 cell phone and spoke with E505 Officer (Lt. McNally). He advised they had extinguished a boat fire and now had what they believed to be a ruptured fuel line that was allowing fuel to mix with some of the water remaining on the inside of the bottom of the boat. He did not know the amount of fuel mixed with the water. The fuel tank on the boat was estimated to hold between 50 and 60 gallons, but they did not know its fill level prior to firefighting operations. He advised there was no fuel or water leaking from the boat onto the ground and that it was all contained to inside the boat. E505 was advised that the fuel issue would be handled by the owner when it came time to dispose of the boat and that PWC Hazmat did not need to be involved in the process.</p>	
RESPONSIBLE PARTY	OTHER PARTY
Name:	Name:
Company:	Company:
Address:	Address:
Phone#:	Phone#:
Notes:	Notes:

NOTIFICATIONS/CONTACTS	
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:

PRINCE WILLIAM COUNTY DEPARTMENT OF FIRE AND RESCUE
HAZMAT REPORT

NOTIFICATIONS/CONTACTS	
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
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Date:	Date:
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Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:

Additional Notes/Information:

HAZMAT Officer Comments:



**PRINCE WILLIAM COUNTY
DEPARTMENT OF FIRE AND RESCUE
HAZARDOUS MATERIALS RESPONSE PROGRAM
INCIDENT REPORT FORM**



INCIDENT INFORMATION	
Fire Dept. Incident #: 15013268	Date: 4/15/2015
Location: 4398 Mountain Rd. / Waterfall Rd.	Time: 07:05
Report Completed By: Lieutenant Stephen Horvath	Incident Commander: Captain Richardson
HAZMAT Personnel Responding: HM506	

INCIDENT DESCRIPTION
<p>Received a phone consult request from Lt. Hart at PSCC from E511. E511 had no cell service on the scene so we did the consult on 5L. E511 advised they were on the scene of a medium sized dump truck with a small auxiliary fuel tank that was mounted in the bed. The auxiliary fuel tank had a capacity of 52 gallons but only had an estimated 15 to 20 gallons of off road diesel in it. The dump truck had just been fueled prior to the accident with 32 gallons of diesel. The dump truck was up an embankment leaning toward the driver's side and leaking fuel from the auxiliary tank and the vehicle's on-board fuel tank. E511 advised they were in the process of damming and diking but the fuel went into a ditch and extended approximately 50 to 75 feet down the road from the vehicle. I advised them that HM506 would be responding to assist and take a report. While enroute E511 requested multiple cleanup contractors numbers to give to the responsible party and start the clean-up process. HM-506 arrived on the scene and did a face to face with Captain Richardson. The spill had been contained and PD was on the scene to assist with traffic control. I met with the responsible party and explained what was needed to mitigate the hazard. The owner had already contacted Atlas to come clean up the spill. Atlas had a 1.5 hour ETA from Lorton, VA. It was decided that HM-506 and E511 would remain on the scene until the wreckers could upright the vehicle to address any additional leaking fuel that may have occurred. The vehicle was uprighted and a minor spill did occur out of the bed of the truck. One bag of absorbent was used and the vehicle was secured on a flatbed tow truck. PD was going to remain on scene with the responsible party until Atlas arrived on-scene. It was determined that approximately 50 gallons of diesel was spilled. VAEOC was notified. *See attached pictures</p>

RESPONSIBLE PARTY
Name: David Isenhart (OWNER)
Company: Tri-Star Development
Address: 4235 Whiting Rd. Marshall, VA 20155
Phone#: Office: 540-340-9600 / Cell: 540-222-4949
Notes:

NOTIFICATIONS/CONTACTS

NOTIFICATIONS/CONTACTS	
Date: 4-15-15	Date:
Time: 07:53	Time:
Name: Winbourne	Name:
Comp/Agency: VAEOC	Comp/Agency:
Notes: *Notification purposes only	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
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Date:	Date:
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Comp/Agency:	Comp/Agency:
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Date:	Date:
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Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:

Additional Notes/Information:

HAZMAT Officer Comments:



**PRINCE WILLIAM COUNTY
DEPARTMENT OF FIRE AND RESCUE
HAZARDOUS MATERIALS RESPONSE PROGRAM
INCIDENT REPORT FORM**



INCIDENT INFORMATION	
Fire Dept. Incident #: 15019975	Date: 6/5/2015
Location: 8289 Sudley Road	Time: 23:48
Report Completed By: Lt. Saikowski	Incident Commander: E511
HM 506 Personnel Responding: None (phone consult) HS 516 Personnel Responding: NA Other HMT Personnel Responding: NA	

INCIDENT DESCRIPTION	
<p>23:48 Received call from PWCDFR UFRO requesting a phone consult with E511 (703-282-6479). 23:49 Called E511 and spoke to E511 Officer. He advised he was on the scene of a vehicle accident where the vehicle struck the fuel island at a gas station damaging the fuel pump housing. He estimated there to be approximately 3 to 4 gallons of gasoline that had spilled out onto the ground and that he had placed some absorbent down on the spilled fuel. He advised there was no more gasoline leaking and that the spill was contained to the immediate area surrounding the pump (not affecting any surrounding areas or adjacent waterways). He advised the gas station was aware of the incident and already had a repairman enroute. Advised E511 that the gas station would be responsible for cleaning up the spilled fuel and making sure the appropriate repair work was completed. 00:05 Courtesy phone call to VAEOC made.</p>	
RESPONSIBLE PARTY	OTHER PARTY
Name:	Name:
Company: Exxon Gas station	Company:
Address: 8289 Sudley Road	Address:
Phone#:	Phone#:
Notes:	Notes:

NOTIFICATIONS/CONTACTS	
Date: 06-06-2015	Date:
Time: 00:05	Time:
Name: AJ	Name:
Comp/Agency: VAEOC	Comp/Agency:
Notes: Courtesy notification by phone	Notes:

**PRINCE WILLIAM COUNTY DEPARTMENT OF FIRE AND RESCUE
HAZMAT REPORT**

NOTIFICATIONS/CONTACTS	
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:

Additional Notes/Information:

HAZMAT Officer Comments:



**PRINCE WILLIAM COUNTY
DEPARTMENT OF FIRE AND RESCUE
HAZARDOUS MATERIALS RESPONSE PROGRAM
INCIDENT REPORT FORM**



INCIDENT INFORMATION	
Fire Dept. Incident #: 15015439	Date: 5/2/2015
Location: Dumfries Road Median EB near Toddsburry	Time: 11:56
Report Completed By: Lt. Kieb	Incident Commander: Lt. Kieb
HM 506 Personnel Responding: E506 - Kieb, Newbrough, & Sawicki HS 516 Personnel Responding: N/A Other HMT Personnel Responding: N/A	

INCIDENT DESCRIPTION	
<p>At 1156 hours on May 2, 2015 E506 was dispatched to the scene of an auto accident that occurred earlier in the day. A roll back type tow truck was on scene and had a Green 2004 Toyota Sequoia SUV (VA registration "ERICK 3) on its bed that was leaking gasoline. The tow truck operator could only stop the leak when the rear of the SUV was elevated (truck was loaded on rear facing). It was decided that the rear of the SUV would be raised with a jack and the front tires would have the air released from them. This position stopped the leak, and bags of absorbent were placed underneath the vehicle with the top cut out to capture any excess gasoline. Prior to our arrival approximately five gallons of gasoline spilled onto the roadway and into two small sections of the median. The two areas of contaminated soil was approximately five feet by three feet & two feet by two feet. The gasoline on the roadway evaporated before any absorbent could be applied. The manager of Triangle Towing decided that they would remove the soil and dispose of it properly. We remained on scene until the contaminated soil was removed, approximately three to four inches in depth. No water ways were affected as a result of this spill.</p>	
RESPONSIBLE PARTY	OTHER PARTY
Name: Danny Schlegel	Name:
Company: Triangle Shell Towing	Company:
Address: 17484-A Jeff Davis HWY	Address:
Phone#: 703-221-4184	Phone#:
Notes: On Duty Manager	Notes:

NOTIFICATIONS/CONTACTS	
Date: May 2, 2015	Date: May 2, 2015
Time: 13:46	Time:
Name: Gaulding	Name: Officer Mecuhen
Comp/Agency: VA EOC	Comp/Agency: PWC Police Department
Notes: Courtesy Notification	Notes: On scene
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:

**PRINCE WILLIAM COUNTY DEPARTMENT OF FIRE AND RESCUE
HAZMAT REPORT**

NOTIFICATIONS/CONTACTS	
Date: May 2, 2015	Date:
Time: 1719	Time:
Name: Mark Miller	Name:
Comp/Agency: DEQ	Comp/Agency:
Notes: Courtesy Notification	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:
Date:	Date:
Time:	Time:
Name:	Name:
Comp/Agency:	Comp/Agency:
Notes:	Notes:

Additional Notes/Information:

HAZMAT Officer Comments:



APPENDIX 3
High Risk Parcels

GPIN	ST_NO	ST_NAME	ST_TYPE	CITY	ZIP	NAME	PWC_MAP	usecode	use_descri	Use_Probab	owner_cur	BuildingNa
8390-06-4290	15801	NEARSCO	RD	WOODBIDGE	22191	PWC SERVICE AUTHORITY	8390NW	224	Sewage	2	PWC SERVICE AUTHORITY	MAINT BLDG
8391-59-7928	14227	JEFFERSON DAVIS	HY	WOODBIDGE	22191	JD HWY LLC	8391NE	361	Motor Vehicle Sales	3	JD HWY LLC	LUSTINE TOYOTA
7697-42-3704	7681	SUDLEY	RD	MANASSAS	20109	BTR MANASSAS INC	7697SW	313	Shopping Center	3	SUDLEY TOWNE PLAZA LLC	SUDLEY TOWNE PLAZA
8192-50-4578	14150	MINNIEVILLE	RD	WOODBIDGE	22193	MINNIEVILLE PLAZA LTD PTNSHP	8192SE	312	Shopping Center	3	MINNIEVILLE PLAZA LLC	MINNIEVILLE PLAZA
8292-81-3425	14050	TELEGRAPH	RD	WOODBIDGE	22192	SUSA PARTNERSHIP LP	8292SE	151	Mini Warehousing	3	ESS PRISA LLC	STORAGE USA-BLDG C
8192-50-8821	14119	MINNIEVILLE	RD	WOODBIDGE	22193	REGENCY REALTY GROUP INC	8192SE	313	Shopping Center	3	SVAP CHESHIRE LP	CHESHIRE W/ PETCO & SAFEWAY
8492-43-4786.01	559	HARBOR SIDE	ST	WOODBIDGE	22191	MARINA LANDING ASSOCIATES LLC	8492SW	318	Shopping Center	3	MARINA LANDING ASSOCIATES LLC	
8492-43-5380.01	551	HARBOR SIDE	ST	WOODBIDGE	22191	MARINA LANDING ASSOCIATES LLC	8492SW	318	Shopping Center	3	MARINA LANDING ASSOCIATES LLC	
8492-43-4192.01	567	HARBOR SIDE	ST	WOODBIDGE	22191	MARINA LANDING ASSOCIATES LLC	8492SW	318	Shopping Center	3	MARINA LANDING ASSOCIATES LLC	
8492-43-3795.01	571	HARBOR SIDE	ST	WOODBIDGE	22191	MARINA LANDING ASSOCIATES LLC	8492SW	318	Shopping Center	3	MARINA LANDING ASSOCIATES LLC	
8492-43-4489.01	563	HARBOR SIDE	ST	WOODBIDGE	22191	MARINA LANDING ASSOCIATES LLC	8492SW	318	Shopping Center	3	MARINA LANDING ASSOCIATES LLC	
8492-43-5083.01	555	HARBOR SIDE	ST	WOODBIDGE	22191	MARINA LANDING ASSOCIATES LLC	8492SW	318	Shopping Center	3	MARINA LANDING ASSOCIATES LLC	
7696-59-1631	8025	SUDLEY	RD	MANASSAS	20109	WESTGATE SHOPPING CENTER LLC	7696NE	311	Small Shopping Center	3	WESTGATE MZL LLC	WESTGATE
7397-28-0270	6876	PIEDMONT CENTER	PZ	GAINESVILLE	20155	PIEDMONT COMMERCIAL CENTER INC	7397NW	311	Small Shopping Center	3	PIEDMONT PLAZA LLC	PIEDMONT CTR Pcl B *see notes
7896-19-8912	8030	CENTREVILLE	RD	MANASSAS	20111	SCHICK RORY LEE	7896NW	216	Auto Parking	3	SCHICK RORY LEE	
8193-19-4944	4650	ASDEE	LN	WOODBIDGE	22192	OLD HICKORY GOLF CLUB LLC	8193NW	832	Golf Course	2	OLD HICKORY GOLF CLUB LLC	
8292-71-6115	14001	WORTH	AV	WOODBIDGE	22192	ARI POTOMAC MILLS AND D LLC ETAL	8292SE	312	Shopping Center	3	ALLIANCE HSP POTOMAC MILLS LLC	GANDER MOUNTAIN
7595-57-4944	9435	CONTRACTORS	CT	MANASSAS	20109	SWAN ROBERT E TR	7595NE	150	Wholesale Warehousing	4	GRR LAND OF VIRGINIA LLC	
7497-02-6514.01	7689	LIMESTONE	DR	GAINESVILLE	20155	GATEWAY BUSINESS CENTER LP	7497SW	156	Wholesale Warehousing (Condo)	2	GATEWAY BUSINESS CENTER	BLDG D UNIT 100
8292-66-4137	13270	MINNIEVILLE	RD	WOODBIDGE	22192	GARBER PROPERTIES LLC	8292NE	390	Retail	3	GARBER PROPERTIES LLC	Holly Acres Marine
8292-56-8930	2826	GARBER	WY	WOODBIDGE	22192	MINNIEVILLE ROAD DEVELOPMENT CO LLC	8292NE	311	Small Shopping Center	3	LIBERIA INVESTMENTS LLC	GARBER SHOPPING CENTER
7497-02-7698	5524	WELLINGTON	RD	GAINESVILLE	20155	CRABTREE ROBERT ROSANNA CRABTREE	7497SW	190	Other Industrial	4	FULL OF SUNSHINE LLC	MASTERCRAFT AUTO
7497-23-0068	7300	RAIL LINE	CT	GAINESVILLE	20155	DALRYMPLE REALTY CORPORATION	7497SW	121	Durable Manufacturing	4	DALRYMPLE REALTY CORPORATION	NEWINGTON CONCRETE PLANT
8393-11-3391	12730	HARBOR	DR	WOODBIDGE	22192	MCDONALDS CORPORATION	8393SW	354	Restaurant	3	MCDONALDS CORPORATION	MCDONALDS- HARBOR
7892-54-6381	13641	DUMFRIES	RD	MANASSAS	20112	VARGAS FERNANDO R & GRACIELLA VARGAS	7892SE	312	Shopping Center	3	VARGAS FERNANDO R & GRACIELLA VARGAS	BRADFORD SQUARE
8192-58-7724	4071	PRINCE WILLIAM	PY	WOODBIDGE	22193	STOR ALL LIPD LLC	8192NE	151	Mini Warehousing	3	PS WOODBRIDGE PRINCE WILLIAM 2013 LLC	PUBLIC STORAGE A
7397-45-1913	14251	JOHN MARSHALL	HY	GAINESVILLE	20155	CPC GAINESVILLE LLC	7397NW	190	Other Industrial	4	CPC-GAINESVILLE LLC	ATLANTIC COAST COTTON
7595-68-1509	9449	HAWKINS	DR	MANASSAS	20109	ROSS HAROLD M	7595NE	121	Durable Manufacturing	4	ROSS DAVID L	H.M. ROSS PAVING
8192-67-1576	4021	PRINCE WILLIAM	PY	WOODBIDGE	22192	STEICO INCORPORATED	8192NE	344	Convenience Store with Gas	4	STEICO INCORPORATED	SHEETZ - PW PKWY & HILLENDALE
8192-77-7307	3908	PRINCE WILLIAM	PY	WOODBIDGE	22192	3908 PRINCE WILLIAM LLC	8192NE	351	Restaurant	3	DIASSEBI JOE MEHRDAD & NORMA ISABEL SURV	JOE'S AMERICAN DINER
7697-33-9426	7500	BROKEN BRANCH	LN	MANASSAS	20109	LOWES HOME CENTERS INC	7697SW	320	Building Materials	3	LOWES HOME CENTERS INC	LOWE'S HOME CENTER
8093-52-8034	5304	HOADLY	RD	MANASSAS	20112	CHRISTOPHER CLAYTON C AND DORIS N	8093SE	911	Agricultural Resources	3	CHRISTOPHER CLAYTON C & DORIS N	
8289-35-3480	17247	WAYSIDE	DR	DUMFRIES	22026	ATLANTIC INVESTMENT CORPORATION	8289NW	311	Small Shopping Center	3	PREMIER SOUTHBRIDGE LLC	
7697-32-9173	7501	BROKEN BRANCH	LN	MANASSAS	20109	GENERAL MILLS RESTAURANTS INC	7697SW	351	Restaurant	3	ARCP RL/OZ MANASSAS VA LLC	RED LOBSTER
7696-76-9773	8345	SUDLEY	RD	MANASSAS	20109	MANAPORT PLAZA LLC	7696NE	313	Shopping Center	3	MANAPORT PLAZA LLC	MANAPORT S C
7497-01-6194.01	7689	LIMESTONE	DR	GAINESVILLE	20155	GATEWAY BUSINESS CENTER LP	7497SW	156	Wholesale Warehousing (Condo)	2	INDIE LLC	BLDG D UNIT 125
7497-02-6302.01	7689	LIMESTONE	DR	GAINESVILLE	20155	GATEWAY BUSINESS CENTER LP	7497SW	156	Wholesale Warehousing (Condo)	2	GATEWAY BUSINESS CENTER	BLDG D UNIT 120
7497-02-3717.01	7679	LIMESTONE	DR	GAINESVILLE	20155	GATEWAY BUSINESS CENTER LP	7497SW	156	Wholesale Warehousing (Condo)	2	BLUE LABEL CUSTOMS LLC	BLDG B UNIT 120
7497-02-2519.01	7679	LIMESTONE	DR	GAINESVILLE	20155	GATEWAY BUSINESS CENTER LP	7497SW	156	Wholesale Warehousing (Condo)	2	NATIVE VENTURES LLC	BLDG B UNIT 140
7695-28-5649	10801	UNIVERSITY	BL	MANASSAS	20110	PWC BOARD OF COUNTY SUPERVISORS	7695NW	140	Research and Testing	2	PWC BOARD OF COUNTY SUPERVISORS	AMERICAN TYPE CULTURE (ATCC)
7594-91-5941	11507	VALLEY VIEW	DR	BRISTOW	20136	BRISTOW MANOR PARTNERSHIP	7594SE	832	Golf Course	2	BRISTOW MANOR PARTNERSHIP	Bristow Estates Manor House
8292-55-1036	13356	MINNIEVILLE	RD	WOODBIDGE	22192	FARM LLC	8292NE	311	Small Shopping Center	3	FARM LLC	SHOPS AT MADISON FARM
7892-55-2432	13550	DUMFRIES	RD	MANASSAS	20112	WOODBINE SHOPPING CENTER ASSOCS LLC	7892NE	313	Shopping Center	3	WOODBINE SHOPPING CENTER ASSOCS LLC	WOODBINE S C
8292-23-8176	13540	MINNIEVILLE	RD	WOODBIDGE	22192	DOMINION CENTER LLC	8292SW	312	Shopping Center	3	DOMINION CENTER TWO LLC	DOMINION CENTER
8188-64-1129	18638	TRIANGLE	ST	TRIANGLE	22172	CHOI SUNG KUL HAI SUN SURV	8188SE	216	Auto Parking	3	CHOI JASON SUNG KUL TR & HAI SUN	
7794-93-8087	8675	PLANT	PL	MANASSAS	20112	MEADOWS MERLIN GILVEN	7794SE	390	Retail	3	MEADOWS MERLIN W TR & STAN L TR	GIL MEADOWS NURSERIES INC
8090-48-6613	15701	CARRS BROOKE	WY	MANASSAS	20112	EXXON MOBIL CORPORATION	8090NE	344	Convenience Store with Gas	4	MACS RETAIL LLC	CAR WASH
8190-34-9190	4370	KEVIN WALKER	DR	DUMFRIES	22025	MONTCLAIR PLAZA LLC	8190SW	312	Shopping Center	3	MONTCLAIR PLAZA LLC	MONTCLAIR PL I
8193-11-8551	12730	BLACK FOREST	LN	WOODBIDGE	22192	RENSCHLER ROLF MARGARETE K TRS	8193SW	351	Restaurant	3	RENSCHLER ROLF & MARGARETE K TRS	QUEEN'S GAMBIT
7397-18-6524	14670	GAP	WY	GAINESVILLE	20155	EXXONMOBIL OIL COPORATION	7397NW	311	Small Shopping Center	3	GAP WAY LLC	GREENHILL COMMERCIAL
8289-36-4320	17171	WAYSIDE	DR	DUMFRIES	22026	ATLANTIC INVESTMENT CORPORATION	8289NW	311	Small Shopping Center	3	PREMIER SOUTHBRIDGE LLC	SOUTHBRIDGE PLAZA
8393-12-2614	2201	OLD BRIDGE	RD	WOODBIDGE	22192	TACKETTS MILL CENTER LLC	8393SW	353	Restaurant	3	TACKETT'S MILL CENTER LLC	Dunkin Donuts
8190-85-7263	15823	LAZY DAY	LN	DUMFRIES	22025	U S GOLF PROPERTIES L P	8190NE	832	Golf Course	2	CJ EAGLE LLC	
8188-64-2402	18723	FULLER HEIGHTS	RD	TRIANGLE	22172	HEPBURN ANDREW PHILLIP	8188SE	390	Retail	3	HEPBURN ANDREW PHILLIP	
7493-86-1936	12026	ADEN	RD	NOKESVILLE	20181	COWNE FAMILY LP	7493NE	224	Sewage	2	PWC SERVICE AUTHORITY	
8190-87-4542	3802	DALEBROOK	DR	DUMFRIES	22025	U S GOLF PROPERTIES L P	8190NE	832	Golf Course	2	CJ EAGLE LLC	
7299-71-8268	5200	MERCHANTS VIEW	SO	HAYMARKET	20169	DOMINION COUNTRY CLUB LP	7299SE	311	Small Shopping Center	3	DOMINION VALLEY OWNER LLC	BUILDING ""M""
7497-01-4392.01	7699	LIMESTONE	DR	GAINESVILLE	20155	GATEWAY BUSINESS CENTER LP	7497SW	156	Wholesale Warehousing (Condo)	2	GATEWAY BUSINESS CENTER	BLDG C UNIT 140
7497-01-3294.01	7699	LIMESTONE	DR	GAINESVILLE	20155	GATEWAY BUSINESS CENTER LP	7497SW	156	Wholesale Warehousing (Condo)	2	GATEWAY BUSINESS CENTER	BLDG C UNIT 125
8492-53-7716	401	BELMONT BAY	DR	WOODBIDGE	22191	BELMONT BAY LC	8492SE	831	Golf Course	2	BELMONT BAY LC	BELMONT BAY GOLF CLUBHOUSE
7696-86-5847	8441	IRONGATE	WY	MANASSAS	20109	IRONGATE GROUP LLC	7696NE	351	Restaurant	3	IRON GATE GROUP LLC	GUNNI'S RESTAURANT & GRILL
7497-02-4315.01	7679	LIMESTONE	DR	GAINESVILLE	20155	GATEWAY BUSINESS CENTER LP	7497SW	156	Wholesale Warehousing (Condo)	2	GATEWAY BUSINESS CENTER	BLDG B UNIT 110
8190-97-0062	3702	DALEBROOK	DR	DUMFRIES	22025	U S GOLF PROPERTIES L P	8190NE	832	Golf Course	2	CJ EAGLE LLC	
7497-12-4811	7805	PROGRESS	CT	GAINESVILLE	20155	PLEIN SCOTT AND INGRID SURV	7497SW	150	Wholesale Warehousing	4	PROSPECT COURT LLC	TOTAL DEVELOPMENT SOLUTIONS
8292-34-9675	13430	MINNIEVILLE	RD	WOODBIDGE	22192	SULLINS THURMAN D TR	8292SW	150	Wholesale Warehousing	4	FORECLOSURE DEVELOPMENT CO LLC	SULLINS FURNITURE
7595-57-4598	9401	CONTRACTORS	CT	MANASSAS	20109	CRONIN DANIEL SHARON CRONIN SURV	7595NE	190	Other Industrial	4	CRONIN DANIEL & SHARON CRONIN SURV	CRONIN FLOORS
8192-57-9857	13131	HILLENDALE	DR	WOODBIDGE	22193	TRAVERS ROBERT L TR	8192NE	343	Convenience Store	2	TRAVERS ROBERT L TR	7-ELEVEN
8292-82-0694	13798	TELEGRAPH	RD	WOODBIDGE	22192	SHURGARD FREMONT PARTNERS I	8292SE	151	Mini Warehousing	3	SHURGARD/FREMONT PARTNERS I	SHURGARD STORAGE
8292-82-2050	2600	PRINCE WILLIAM	PY	WOODBIDGE	22192	MOTIVA ENTERPRISES LLC	8292SE	344	Convenience Store with Gas	4	PMG NORTHERN VIRGINIA LLC	SHELL- PW PKWY & TELEGRAPH RD
8291-65-7904	14700	POTOMAC MILLS	RD	WOODBIDGE	22192	PWC	8291NE	213	Bus	4	PWC BOARD OF COUNTY SUPERVISORS	PRTC
8292-45-9012	13360	MINNIEVILLE	RD	WOODBIDGE	22192	PARCEL C2 LLC	8292NE	344	Convenience Store with Gas	4	PARCEL C-2 LLC	7-ELEVEN - MADISON FARM
7397-92-9807.01	7669	LIMESTONE	DR	GAINESVILLE	20155	GATEWAY BUSINESS CENTER LP	7497SW	156	Wholesale Warehousing (Condo)	2	GATEWAY BUSINESS CENTER	BLDG A UNIT 115

7497-02-0122.01	7669 LIMESTONE	DR	GAINESVILLE	20155 GATEWAY BUSINESS CENTER LP	7497SW	354 Restaurant	3 S & J ENTERPRISE INC	BLDG A UNIT 110
7994-94-6606	5901 DAVIS FORD	RD	MANASSAS	20112 OCCOQUAN FOREST SANITARY DISTRICT	7994SE	190 Other Industrial	4 PWC SERVICE AUTHORITY	
7697-60-2801	10309 LOMOND	DR	MANASSAS	20109 NORTHERN VIRGINIA ELECTRIC COOP	7697SE	216 Auto Parking	3 NORTHERN VIRGINIA ELECTRIC COOP	
7895-71-8052	10404 MOORE	DR	MANASSAS	20111 MCGARRY ALLAN D & KIL S MCGARRY	7895SE	390 Retail	3 KONDOLOJY ROSTAM	BUCKHALL GENERAL STORE
8292-23-6078	13550 MINNIEVILLE	RD	WOODBIDGE	22192 DOMINION CENTER LLC	8292SW	312 Shopping Center	3 DOMINION CENTER LLC	DOMINION CENTER - RETAIL
7694-24-6033	11713 BRISTOW	RD	BRISTOW	20136 JOHN RUFF AND PHILLIP WHEELER PTNSHP	7694SW	910 Agricultural Resources	3 BRISTOW BROADRUN LLC	
8492-43-8235	499 HARBOR SIDE	ST	WOODBIDGE	22191 HARBOR VIEW ASSOCIATES LLC	8492SW	841 Swimming Pool	3 UNIT OWNERS HARBOR VIEW CONDO AT	
8189-69-1607	4100 TALON	DR	DUMFRIES	22025 7 ELEVEN INC	8189NE	344 Convenience Store with Gas	4 SEJ ASSET MANAGEMENT & INVESTMENT CO	7-ELEVEN
7896-18-7963	8104 CENTREVILLE	RD	MANASSAS	20111 RESTLESS WHEELS INC	7896NW	390 Retail	3 RESTLESS WHEELS INC	RESTLESS WHEELS CAMPER SALES
7497-02-2220.01	7679 LIMESTONE	DR	GAINESVILLE	20155 GATEWAY BUSINESS CENTER LP	7497SW	156 Wholesale Warehousing (Condo)	2 VG 145 LLC	BLDG B UNIT 145
7497-01-3993.01	7699 LIMESTONE	DR	GAINESVILLE	20155 GATEWAY BUSINESS CENTER LP	7497SW	156 Wholesale Warehousing (Condo)	2 GATEWAY BUSINESS CENTER	BLDG C UNIT 135
7497-01-2895.01	7699 LIMESTONE	DR	GAINESVILLE	20155 GATEWAY BUSINESS CENTER LP	7497SW	156 Wholesale Warehousing (Condo)	2 GATEWAY BUSINESS CENTER	BLDG C UNIT 120
7497-02-2818.01	7679 LIMESTONE	DR	GAINESVILLE	20155 GATEWAY BUSINESS CENTER LP	7497SW	156 Wholesale Warehousing (Condo)	2 FOUR CORNERS REAL ESTATE INVESTMENT GROUP	BLDG B UNIT 135
7496-07-8757	8217 LINTON HALL	RD	BRISTOW	20136 AMERICA ONLINE INC	7496NW	191 Technology Services	1 PORPOISE VENTURES LLC	AOL II
8092-54-6085	13698 MAPLEDALE	AV	WOODBIDGE	22193 HYLTON CECIL D ESTATE	8092SE	354 Restaurant	3 HYLTON CONRAD C TR & MALCOLM W COOK TR &	MCDONALD'S @ MAPLEDALE
7396-83-1971	13900 ESTATE MANOR	DR	GAINESVILLE	20155 WOOD GROUP LLC	7396SE	311 Small Shopping Center	3 GLENKIRK RETAIL CENTER LLC	FAMILY MART
7696-77-3723	8319 SUDLEY	RD	MANASSAS	20109 MANAPORT PLAZA LLC	7696NE	313 Shopping Center	3 MANAPORT PLAZA LLC	MANAPORT S C
8192-05-3469	4802 DALE	BL	WOODBIDGE	22193 DELANEY PLAZA LLC	8192NW	312 Shopping Center	3 WOODBRIDGE VILLAGE LLC	DELANEY PLAZA
7595-66-6386	9650 HAWKINS	DR	MANASSAS	20109 NEWBILL HOLDINGS LLC	7595NE	190 Other Industrial	4 ASHLAND INVESTMENTS LLC	NEWBILL HOLDINGS
8193-50-0347	4255 SEETON	SO	WOODBIDGE	22192 EXXON CORP	8193SE	344 Convenience Store with Gas	4 SOUTHSIDE OIL LLC	EXXON - THE GLEN SHOP CTR
8292-72-9509	2651 PRINCE WILLIAM	PY	WOODBIDGE	22192 BRINKER VIRGINIA INC	8292SE	351 Restaurant	3 COLE OB WOODBRIDGE VA LLC	ON THE BORDER
8292-51-4135	13901 SMOKETOWN	RD	WOODBIDGE	22192 MINI U STORAGE WOODBRIDGE LTD PTNSHP ET	8292SE	151 Mini Warehousing	3 MINI U STORAGE WOODBRIDGE LTD PTNSHP ET AL	MINI-U STORAGE - OFFICE/APT
8292-23-2492	3340 ELM FARM	RD	WOODBIDGE	22192 LORD FAIFAX COMMUNITY COLLEGE	8292SW	151 Mini Warehousing	3 POTOMAC MILLS LAND LLLP	EZ SELF STORAGE
8190-62-6732	4202 FORTUNA CENTER	PZ	DUMFRIES	22025 FORTUNA REGENCY LLC	8190SE	313 Shopping Center	3 BRE DDR CROCODILE FORTUNA CENTER LLC	FORTUNA CENTER - SHOPPERS, etc
8393-22-9054	2010 OLD BRIDGE	RD	WOODBIDGE	22192 BOROCZI SCOTT TR	8393SW	366 Service Station	5 RUBY & HARRY LLC	SUNOCO-OLD BRIDGE & CLIPPER
8292-55-3681	13606 FOWKE	LN	WOODBIDGE	22192 GARBER J MANLEY JEANETTE ESTATE	8292NE	361 Motor Vehicle Sales	3 GARBER DANIEL C	Lake Ridge Auto Sales
7298-37-4137	5942 INTERLACHEN	CT	HAYMARKET	20169 DOMINION COUNTRY CLUB LP	7298NW	831 Golf Course	2 DOMINION VALLEY COUNTRY CLUB I LLC	
7298-77-8242	15191 GOLF VIEW	DR	HAYMARKET	20169 DOMINION COUNTRY CLUB LP	7298NE	831 Golf Course	2 DOMINION VALLEY COUNTRY CLUB I LLC	
7298-79-3018	15201 ARNOLD PALMER	DR	HAYMARKET	20169 DOMINION COUNTRY CLUB LP	7298NE	831 Golf Course	2 DOMINION VALLEY COUNTRY CLUB I LLC	
7595-57-0682	9400 CONTRACTORS	CT	MANASSAS	20109 L F JENNINGS INC	7595NE	190 Other Industrial	4 L F JENNINGS INC	L F JENNINGS INC
7497-12-2047	7750 PROGRESS	CT	GAINESVILLE	20155 POTOMAC GAINESVILLE PROPERTY LLC	7497SW	160 Industrial Service Garage	4 POTOMAC GAINESVILLE PROPERTY LLC	POTOMAC MACK SALES/SERVICE
8190-66-1721	16500 EDGEWOOD	DR	DUMFRIES	22025 U S GOLF PROPERTIES L P	8190NE	832 Golf Course	2 CJ EAGLE LLC	MONTCLAIR COUNTY CLUB
8190-52-9272	4406 FORTUNA CENTER	PZ	DUMFRIES	22025 FORTUNA REGENCY LLC	8190SE	352 Restaurant	3 BRE DDR CROCODILE FORTUNA CENTER LLC	PANERA BREAD & STARBUCKS
8193-40-9299	4350 PRINCE WILLIAM	PY	WOODBIDGE	22192 LEOPOLD CHARLES W JACQUELINE M SURV	8193SE	190 Other Industrial	4 G & L ENTERPRISES LLC	MAINTENANCE BLDG @ THE GLEN
7696-84-7480	8621 SUNNYGATE	DR	MANASSAS	20109 SUNNYGATE DRIVE SELF STORAGE LLC	7696NE	151 Mini Warehousing	3 U-STORE-IT LP	CUBESMART
7497-24-9109	7201 RAIL LINE	CT	GAINESVILLE	20155 DALRYMPLE REALTY CORP	7497SW	121 Durable Manufacturing	4 DALRYMPLE REALTY CORPORATION	CHEMUNG ASPHALT PLANT
7397-20-9268	7754 VIRGINIA OAKS	DR	GAINESVILLE	20155 NGP REALTY SUB LP	7396SE	832 Golf Course	2 VIRGINIA OAKS LLC	
7595-57-1046	9430 CONTRACTORS	CT	MANASSAS	20109 9430 INC	7595NE	190 Other Industrial	4 9430 INC	A
8492-44-5722	530 HARBOR SIDE	ST	WOODBIDGE	22191 BELMONT TOWN CENTER ASSOCS LLC	8492NE	851 Marina	3 BELMONT TOWN CENTER ASSOCS LLC	BELMONT BAY CENTER MARINA
7595-67-6742	9489 HAWKINS	DR	MANASSAS	20109 TOUSHA NOBLE A ROBIN	7595NE	150 Wholesale Warehousing	4 TOUSHA NOBLE A & ROBIN	EQUIPMENT SPECIALISTS
8391-88-6685	14398 MELBOURNE	AV	WOODBIDGE	22191 PWC PARK AUTHORITY	8391NE	224 Sewage	2 PWC BOARD OF COUNTY SUPERVISORS	
7596-24-1508	12021 WILTON MEADOWS	CT	MANASSAS	20109 BENFIELD AND DRESSLER LLC	7596NW	150 Wholesale Warehousing	4 NAGOTTE RICHARD R V LLC	BENFIELD ELECTRIC
8391-59-8873	14211 JEFFERSON DAVIS	HY	WOODBIDGE	22191 JD HWY LLC	8391NE	361 Motor Vehicle Sales	3 JD HWY LLC	LUSTINE DODGE - JEEP
7396-59-3972	7689 VIRGINIA OAKS	DR	GAINESVILLE	20155 NGP REALTY SUB LP	7396SE	832 Golf Course	2 VIRGINIA OAKS LLC	
7595-56-9398	11331 INDUSTRIAL	RD	MANASSAS	20109 HUGHES EDDY W	7595NE	150 Wholesale Warehousing	4 DAVID RAMOS FAMILY LLC	MIKE & BRYAN CONTRACTORS
8192-41-7315	4326 DALE	BL	WOODBIDGE	22193 TRUSTEES OF THE IRENE V HYLTON CHARITABL	8192SW	312 Shopping Center	3 GLENDALE PLAZA LLC	GLENDALE PLAZA
7596-14-5500	8780 VIRGINIA MEADOWS	DR	MANASSAS	20109 PEREIRA ANTONIO AND MARIO RAMOS ETAL	7596NW	190 Other Industrial	4 PEREIRA ANTONIO & MARIO RAMOS ETAL	POTOMAC CONCRETE
7697-50-9508	10319 LOMOND	DR	MANASSAS	20109 NORTHERN VIRGINIA ELECTRIC COOP	7697SE	216 Auto Parking	3 NORTHERN VIRGINIA ELECTRIC COOP	
7595-67-8821	9651 HAWKINS	DR	MANASSAS	20109 HAMP WILLIAM A III TR	7595NE	190 Other Industrial	4 HAWKINS DRIVE LLC	CALVERT MASONRY
7496-50-4931	12912 HUNTING COVE	PL	BRISTOW	20136 BIRCHWOOD AT BRIDLEWOOD MANOR ASSOC LLC	7496SE	841 Swimming Pool	3 BRIDLEWOOD MANOR COMMUNITY ASSN	
7993-01-0402	12805 DUSTY WILLOW	RD	MANASSAS	20112 OAK RIDGE SWIM CLUB INC	7993SW	841 Swimming Pool	3 OAK RIDGE SWIM CLUB INC	
8391-56-6917	1551 FEATHERSTONE	RD	WOODBIDGE	22191 HALL MICHAEL T TR	8391NE	343 Convenience Store	2 THE KENTLAND FOUNDATION INC	7 MARKET FOOD STORE
8193-37-0594	4600 ASDEE	LN	WOODBIDGE	22192 OLD HICKORY GOLF CLUB LLC	8193NW	832 Golf Course	2 OLD HICKORY GOLF CLUB LLC	OLD HICKORY GOLF CLUB STOR/BAT
7497-02-0329.01	7669 LIMESTONE	DR	GAINESVILLE	20155 GATEWAY BUSINESS CENTER LP	7497SW	156 Wholesale Warehousing (Condo)	2 TEAMC PROPERTIES LLC	BLDG A UNIT 100
8293-04-3660	3310 OLD BRIDGE	RD	WOODBIDGE	22192 OLD BRIDGE RETAIL INVESTMENTS LLC	8293SW	313 Shopping Center	3 OLD BRIDGE RETAIL INVESTMENTS LLC	FESTIVAL-OLD BRIDGE
7497-01-6089.01	7689 LIMESTONE	DR	GAINESVILLE	20155 GATEWAY BUSINESS CENTER LP	7497SW	156 Wholesale Warehousing (Condo)	2 DLE LLC	BLDG D UNIT 135
7497-01-3594.01	7699 LIMESTONE	DR	GAINESVILLE	20155 GATEWAY BUSINESS CENTER LP	7497SW	156 Wholesale Warehousing (Condo)	2 GATEWAY BUSINESS CENTER	BLDG C UNIT 130
7497-01-1299.01	7699 LIMESTONE	DR	GAINESVILLE	20155 GATEWAY BUSINESS CENTER LP	7497SW	156 Wholesale Warehousing (Condo)	2 GATEWAY BUSINESS CENTER	BLDG C UNIT 100
7497-02-3417.01	7679 LIMESTONE	DR	GAINESVILLE	20155 GATEWAY BUSINESS CENTER LP	7497SW	156 Wholesale Warehousing (Condo)	2 GATEWAY BUSINESS CENTER	BLDG B UNIT 120
8391-58-3691	14335 JEFFERSON DAVIS	HY	WOODBIDGE	22191 LYWOOD SHOPPING CENTER LLC	8391NE	312 Shopping Center	3 LYWOOD SHOPPING CENTER LLC	LYWOOD SHOPPING CENTER
8193-93-5944	3514 OLD BRIDGE	RD	WOODBIDGE	22192 EXXON CORP	8193SE	344 Convenience Store with Gas	4 SOUTHSIDE OIL LLC	EXXON-OLD BRIDGE & SMOKETOWN
8293-04-2352	3312 OLD BRIDGE	RD	WOODBIDGE	22192 OLD BRIDGE RETAIL INVESTMENTS LLC	8293SW	313 Shopping Center	3 OLD BRIDGE RETAIL INVESTMENTS LLC	FESTIVAL-OLD BRIDGE FODOT LION
8191-35-7187	14797 DARBYDALE	AV	WOODBIDGE	22193 TRAVERS ROBERT L TR	8191NW	343 Convenience Store	2 TRAVERS ROBERT L TR	7-ELEVEN
8293-03-0262	3318 OLD BRIDGE	RD	WOODBIDGE	22192 STORAGE SQUIREBAC 101 LTD PTNSHP	8293SW	151 Mini Warehousing	3 STORAGE SQUIREBAC 101 LTD PTNSHP	STORAGE USE - BLDG D
8292-88-9614	13059 MINNIEVILLE	RD	WOODBIDGE	22192 ARCHIE HENRY E SR & ANNIE WILLIAMS	8292NE	369 Other Automotive	4 ARCHIE HENRY ELVIN JR	Penny's Used Auto Parts
8193-93-0718	12576 GRAND TARGHEE	DR	WOODBIDGE	22192 AMOCO OIL CO	8193SE	344 Convenience Store with Gas	4 OLD BRIDGE 101 LLC	Car Wash
8293-05-8957	3500 COMMISSION	CT	WOODBIDGE	22192 COMMISSION COURT LLC	8293NW	151 Mini Warehousing	3 COMMISSION COURT LLC	ATLANTIC STORAGE
8193-92-0448	3705 OLD BRIDGE	RD	WOODBIDGE	22192 MICHAEL R VANDERPOOL ET ALL	8193SE	390 Retail	3 JVG LLC	LOW ROOFED GREENHOUSE
7595-68-5645	11141 INDUSTRIAL	RD	MANASSAS	20109 S S REAL ESTATE HOLDINGS L L C	7595NE	150 Wholesale Warehousing	4 11141 INDUSTRIAL ROAD LLC	S & S REAL ESTATE
8392-88-5002	13244 PUTNAM	CL	WOODBIDGE	22191 GREENWICH HILL HOMEOWNERS ASSOC	8392NE	841 Swimming Pool	3 GREENWICH HILL HOMEOWNERS ASSOC	
8292-80-9997	14103 TELEGRAPH	RD	WOODBIDGE	22192 HAMILTON C ISAAC TR & JUDITH TR	8292SE	131 NonDurable Manufacturing	4 TELEGRAPH MANAGEMENT GROUP LLC	HAMILTON IRON WORKS
8292-51-2288	13889 SMOKETOWN	RD	WOODBIDGE	22192 PUBLIC STORAGE INC	8292SE	151 Mini Warehousing	3 PUBLIC STORAGE INC	PUBLIC STORAGE BLDG A
8391-82-5162	15060 FARM CREEK	DR	WOODBIDGE	22191 TRIDEX ASSOCIATES INC	8391SE	150 Wholesale Warehousing	4 TRIDEX ASSOCIATES INC	TRIDEX MACHINE SHOP/WAREHOUSE

8193-30-7146	4383 RIDGEWOOD CENTER	DR	WOODBIDGE	22192	PFITZNER G RICHARD TR	8193SW	216	Auto Parking	3	PFITZNER G RICHARD TR	
7595-58-6956	11250 INDUSTRIAL	RD	MANASSAS	20109	KALOS PETER VERON L KALOS	7595NE	190	Other Industrial	4	COSTA ENTERPRISES LLC	
8393-11-6795	12721 HARBOR	DR	WOODBIDGE	22192	TACO BELL OF AMERICA INC	8393SW	354	Restaurant	3	TACO BELL OF AMERICA INC	TACO BELL
7896-19-9330	8028 CENTREVILLE	RD	MANASSAS	20111	AKSOYLU AHMET	7896NW	150	Wholesale Warehousing	4	AKSOYLU AHMET	VAMAC PLUMBING SUPPLIES
8392-51-7103	1641 WIGGLESWORTH	WY	WOODBIDGE	22191	PEP BOYS MANNY MOE JACK	8392SE	369	Other Automotive	4	PEP BOYS MANNY MOE & JACK	Pep Boys
8292-83-0326	13790 TELEGRAPH	RD	WOODBIDGE	22192	PASCAVAGE JOAN	8292SE	150	Wholesale Warehousing	4	PERRY FAMILY LIMITED PARTNERSHIP LLP	AIRECO, VAMAC, JACKSON TRANSP
8292-90-3172	14105 TELEGRAPH	RD	WOODBIDGE	22192	HARRISON KIMBERLY C STEVEN H	8292SE	369	Other Automotive	4	VROOM VROOM HOLDINGS LLC	COLEMAN POWERSPORT
8292-23-4763	13598 MINNIEVILLE	RD	WOODBIDGE	22192	DOMINION CENTER LLC	8292SW	312	Shopping Center	3	DOMINION CENTER TWO LLC	DOMINION CENTER - RETAIL
8292-72-9845	2630 PRINCE WILLIAM	PY	WOODBIDGE	22192	EKW ENTERPRISES LLC	8292SE	351	Restaurant	3	HO AMY Y & JAMES HO ETAL T-C	HOOTERS
8292-82-6528	2631 PRINCE WILLIAM	PY	WOODBIDGE	22192	JBAC L L C	8292SE	344	Convenience Store with Gas	4	JBAC L L C	7-ELEVEN
7497-01-2097.01	7699 LIMESTONE	DR	GAINESVILLE	20155	GATEWAY BUSINESS CENTER LP	7497SW	156	Wholesale Warehousing (Condo)	2	GATEWAY BUSINESS CENTER	BLDG C UNIT 110
7497-01-1698.01	7699 LIMESTONE	DR	GAINESVILLE	20155	GATEWAY BUSINESS CENTER LP	7497SW	156	Wholesale Warehousing (Condo)	2	GATEWAY BUSINESS CENTER	BLDG C UNIT 105
7497-02-4714.01	7679 LIMESTONE	DR	GAINESVILLE	20155	GATEWAY BUSINESS CENTER LP	7497SW	156	Wholesale Warehousing (Condo)	2	GATEWAY BUSINESS CENTER	BLDG B UNIT 105
7497-02-4016.01	7679 LIMESTONE	DR	GAINESVILLE	20155	GATEWAY BUSINESS CENTER LP	7497SW	156	Wholesale Warehousing (Condo)	2	GATEWAY BUSINESS CENTER	BLDG B UNIT 115
7497-02-3118.01	7679 LIMESTONE	DR	GAINESVILLE	20155	GATEWAY BUSINESS CENTER LP	7497SW	156	Wholesale Warehousing (Condo)	2	GATEWAY BUSINESS CENTER	BLDG B UNIT 130
7497-01-5983.01	7689 LIMESTONE	DR	GAINESVILLE	20155	GATEWAY BUSINESS CENTER LP	7497SW	156	Wholesale Warehousing (Condo)	2	GATEWAY BUSINESS CENTER	BLDG D UNIT 140
8191-94-0237	14820 CLOVERDALE	RD	WOODBIDGE	22193	TRAVERS ROBERT L TR	8191SE	343	Convenience Store	2	TRAVERS ROBERT L TR	7-ELEVEN
7595-67-5757	9479 HAWKINS	DR	MANASSAS	20109	HAWKINS ROAD ASSOCIATES LLC	7595NE	150	Wholesale Warehousing	4	DOBYNS PROPERTIES LLC	DOBYN'S CONSTRUCTION
7596-14-7467	8713 VIRGINIA MEADOWS	DR	MANASSAS	20109	GRC LLC	7596NW	150	Wholesale Warehousing	4	GRC LLC	COASTAL ELECTRIC
7497-02-0225.01	7669 LIMESTONE	DR	GAINESVILLE	20155	GATEWAY BUSINESS CENTER LP	7497SW	156	Wholesale Warehousing (Condo)	2	GATEWAY BUSINESS CENTER	
7596-13-8198	8760 VIRGINIA MEADOWS	DR	MANASSAS	20109	AMERICAN MANAGEMENT ENTERPRISES	7596SW	150	Wholesale Warehousing	4	8760 LLC	Helpcomm, Inc.
8392-29-7921	13065 LUPINE	TN	WOODBIDGE	22192	PWC BOARD OF COUNTY SUPERVISORS	8392NW	224	Sewage	2	PWC BOARD OF COUNTY SUPERVISORS	SEWAGE PUMPING STATION
7991-05-2666	14823 DUMFRIES	RD	MANASSAS	20112	VENABLE JEAN S	7991NW	369	Other Automotive	4	KELLY SCOTT D	ASAP AUTO RECYCLING CENTER
8393-11-6935	2211 TACKETTS MILL	DR	WOODBIDGE	22192	DOMINION FOODS LTD	8393SW	354	Restaurant	3	BRC TACKETTS MILL LAND LLC	BURGER KING
8289-36-2339	17165 WAYSIDE	DR	DUMFRIES	22026	ATLANTIC INVESTMENT CORPORATION	8289NW	311	Small Shopping Center	3	PREMIER SOUTHBRIDGE LLC	AUTO ZONE
8292-82-5976	13851 TELEGRAPH	RD	WOODBIDGE	22192	PARKWAY CROSSING LLC	8292SE	150	Wholesale Warehousing	4	PARKWAY CROSSING LLC	P.W. COUNTY ARCHIVES
8190-45-6117	4413 ASHGROVE	DR	DUMFRIES	22025	U S GOLF PROPERTIES L P	8190NW	832	Golf Course	2	CJ EAGLE LLC	
8193-50-7773	13211 TOUCHSTONE	CL	WOODBIDGE	22192	SAUL HOLDINGS LIMITED PARTNERSHIP	8193SE	311	Small Shopping Center	3	SAUL HOLDINGS LIMITED PARTNERSHIP	THE GLEN
7497-02-1720.01	7679 LIMESTONE	DR	GAINESVILLE	20155	GATEWAY BUSINESS CENTER LP	7497SW	156	Wholesale Warehousing (Condo)	2	GATEWAY BUSINESS CENTER	BLDG B UNIT 150
8190-66-9015	16066 DEER PARK	DR	DUMFRIES	22025	U S GOLF PROPERTIES L P	8190NE	832	Golf Course	2	CJ EAGLE LLC	
8293-25-1320	12241 HEDGES RUN	DR	WOODBIDGE	22192	LAKE RIDGE E AND A LLC	8293NW	311	Small Shopping Center	3	LAKE RIDGE (E&A) LLC	GIANT'S HEDGES RUN/LAKE RIDGE
8190-39-3819	15516 GOLF CLUB	DR	DUMFRIES	22025	U S GOLF PROPERTIES L P	8190NW	832	Golf Course	2	CJ EAGLE LLC	
8190-35-4496	4412 ASHGROVE	DR	DUMFRIES	22025	U S GOLF PROPERTIES L P	8190NW	832	Golf Course	2	CJ EAGLE LLC	
8190-54-0778	16225 EDGEWOOD	DR	DUMFRIES	22025	U S GOLF PROPERTIES L P	8190SE	832	Golf Course	2	CJ EAGLE LLC	
8190-77-2247	15870 NORTHGATE	DR	DUMFRIES	22025	U S GOLF PROPERTIES L P	8190NE	832	Golf Course	2	CJ EAGLE LLC	
7595-56-7123	9515 CONTRACTORS	CT	MANASSAS	20109	BROAD RUN DEVELOPMENT LLC	7595NE	190	Other Industrial	4	EURO GROUP LLC	
8193-50-3541	13261 TOUCHSTONE	CL	WOODBIDGE	22192	MCDONALDS CORPORATION	8193SE	354	Restaurant	3	MCDONALDS CORPORATION	MCDONALD'S
7497-01-2496.01	7699 LIMESTONE	DR	GAINESVILLE	20155	GATEWAY BUSINESS CENTER LP	7497SW	156	Wholesale Warehousing (Condo)	2	GATEWAY BUSINESS CENTER	BLDG C UNIT 115
7497-02-6408.01	7689 LIMESTONE	DR	GAINESVILLE	20155	GATEWAY BUSINESS CENTER LP	7497SW	156	Wholesale Warehousing (Condo)	2	GATEWAY BUSINESS CENTER	BLDG D UNIT 110
7299-40-8683	15251 WEISKOPF	CT	HAYMARKET	20169	DOMINION VALLEY COUNTRY CLUB LP	7299SW	831	Golf Course	2	THE REGENCY GOLF CLUB I LLC	
8190-46-3671	15915 DOLPHIN	DR	DUMFRIES	22025	U S GOLF PROPERTIES L P	8190NW	832	Golf Course	2	CJ EAGLE LLC	
8090-96-0386	5055 WATERWAY	DR	DUMFRIES	22025	E&A ACQUISITION LTD PTDSPH	8090NE	313	Shopping Center	3	LAKE MONTCLAIR-DUMFRIES VA LLC	LAKE MONTCLAIR SHOPPING CENTER
8190-48-2675	15601 RHAME	DR	DUMFRIES	22025	U S GOLF PROPERTIES L P	8190NW	832	Golf Course	2	CJ EAGLE LLC	
8292-60-8719	2850 POTOMAC MILLS	CL	WOODBIDGE	22192	BURLINGTON COAT REALTY POTOMAC INC	8292SE	314	Large Mall	3	BURLINGTON COAT REALTY POTOMAC INC	POTOMAC MILLS-BURLINGTON COAT
7696-76-6475	8375 SUDLEY	RD	MANASSAS	20109	PADILLA LOUIS A CHARLOTTE M	7696NE	344	Convenience Store with Gas	4	PADILLA LOUIS A & CHARLOTTE M	7-ELEVEN
7794-18-3364	10501 CEDAR CREEK	DR	MANASSAS	20112	COUNTRY ROADS HOMEOWNERS ASSOC	7794NW	841	Swimming Pool	3	COUNTRY ROADS HOMEOWNERS ASSOC	
7992-89-0253	7001 DALE	BL	WOODBIDGE	22193	7 ELEVEN INC	7992NE	344	Convenience Store with Gas	4	SEJ ASSET MANAGEMENT & INVESTMENT CO	7-ELEVEN
7797-53-8297	7420 BEN LOMOND PARK	DR	MANASSAS	20109	UPPER OCCOQUAN SEWAGE AUTHORITY	7797SE	224	Sewage	2	UPPER OCCOQUAN SEWAGE AUTHORITY	SEWAGE TREATMENT/NOVCE
8292-82-1711	2641 PRINCE WILLIAM	PY	WOODBIDGE	22192	BRINKER VIRGINIA INC	8292SE	351	Restaurant	3	BARBERS LLC	MACARONI GRILL
7596-24-0125	8740 VIRGINIA MEADOWS	DR	MANASSAS	20109	BENFIELD AND DRESSLER LLC	7596NW	190	Other Industrial	4	BENFIELD & DRESSLER LLC	PERMINT SEAL, BENFIELD ELECTRC
7497-13-3145	5579 WELLINGTON	RD	GAINESVILLE	20155	PRESIDENTIAL PROPERTIES USA LLC	7497SW	151	Mini Warehousing	3	PRESIDENTIAL PROPERTIES USA LLC	PRESIDENTIAL STORAGE
7196-84-1142	8230 BUCKLAND MILL	RD	GAINESVILLE	20155	BUCKLAND FARM LLC	7196SE	911	Agricultural Resources	3	BUCKLAND FARM LLC	
7896-18-5692	8100 CENTREVILLE	RD	MANASSAS	20111	SCHICK RORY LEE	7896NW	361	Motor Vehicle Sales	3	SCHICK RORY LEE	MANASSAS CHRYSLER
7497-02-1157	7645 LIMESTONE	DR	GAINESVILLE	20155	PROSPERITY INVESTORS LLC	7497SW	150	Wholesale Warehousing	4	PROSPERITY INVESTORS LLC	UNITED STATES POSTAL SERVICE
8393-10-4281	12831 HARBOR	DR	WOODBIDGE	22192	KIM HAK K OK J	8393SW	369	Other Automotive	4	SHAD HOLDING LLC	TACKETTS MILL CAR WASH
7296-19-8769	15694 LEE	HY	GAINESVILLE	20155	STRINGER RODNEY B AND CORA R A SURV	7296NW	351	Restaurant	3	STRINGER INVESTMENT GROUP LLLP	BLUE RIDGE SEA FOOD RESTAURANT
7397-43-5429	7500 ALEXANDER SOPHIA	CT	GAINESVILLE	20155	GAINESVILLE 29 LLC	7397SW	150	Wholesale Warehousing	4	CRAIG ENTERPRISES LLC	
7696-49-6563	8001 SUDLEY	RD	MANASSAS	20109	EXXON CORP	7696SW	344	Convenience Store with Gas	4	MACS RETAIL LLC	EXXON
7595-68-8696	11128 INDUSTRIAL	RD	MANASSAS	20109	WISE GUY'S CONTRACTING INC	7595NE	121	Durable Manufacturing	4	INDUSTRIAL ROAD REALTY LLC	WISE GUY'S CONSTRUCTION
8390-30-3120	16656 RADCLIFFE	LN	WOODBIDGE	22191	PWC SERVICE AUTHORITY	8390SW	224	Sewage	2	PWC SERVICE AUTHORITY	SEWAGE PUMP STATION
8289-49-8567	16555 RIVER RIDGE	BL	WOODBIDGE	22191	LSB WHEATON LLC KODIAK RIVER OAKS LLC	8289NE	311	Small Shopping Center	3	LSB WHEATON LLC & KODIAK RIVER OAKS LLC	RIVER OAKS SC
7599-33-0540	5003 SUDLEY	RD	CATHARPIN	20143	POAGUE JOHN R	7599SW	390	Retail	3	POAGUE JOHN R & JEAN C SURV	SUDLEY GARDEN CENTER
7595-78-1595	11120 INDUSTRIAL	RD	MANASSAS	20109	PAVONE VINCENT F CHARLOTTE C	7595NE	150	Wholesale Warehousing	4	11120 LLC	V.F. PAVONE
7991-25-7431	7044 COLCHESTER PARK	DR	MANASSAS	20112	RIDGE LONG LTD CO	7991NW	150	Wholesale Warehousing	4	L & R REAL ESTATE LLC	RIDGE AND LONG LIMITED LLC
8191-22-5293	3541 WATERWAY	DR	WOODBIDGE	22193	KEENE MILL CORP	8191SW	312	Shopping Center	3	AHNS REAL ESTATE INC & HEI SIL AHN	MONTCLAIR
7396-59-8754	7950 VIRGINIA OAKS	DR	GAINESVILLE	20155	NGP REALTY SUB LP	7396NE	832	Golf Course	2	VIRGINIA OAKS LLC	VIRGINIA OAKS CLUBHOUSE
8190-44-1875	16160 COUNTRY CLUB	DR	DUMFRIES	22025	SOUTHLAND CORP	8190NE	312	Shopping Center	3	SOUTHLAND CORP	MONTCLAIR 7-11
8193-50-0968	4245 SEETON	SQ	WOODBIDGE	22192	BNE LLC	8193SE	369	Other Automotive	4	BNE LLC	Lakeridge Auto Care
7298-71-0059	6450 TRADING	SQ	HAYMARKET	20169	HAYMARKET E A LLC	7298SE	313	Shopping Center	3	HAYMARKET (E&A) LLC	BUILDING 4
7298-56-1368	5943 INTERLACHEN	CT	HAYMARKET	20169	DOMINION COUNTRY CLUB LP	7298NE	831	Golf Course	2	DOMINION VALLEY COUNTRY CLUB I LLC	
8192-67-9463	13295 TROWBRIDGE	DR	WOODBIDGE	22192	PW PETROLEUM INC	8192NE	344	Convenience Store with Gas	4	PW PETROLEUM INC	VALERO PW PARKWAY
7594-17-9564	12108 NOKESVILLE	RD	BRISTOW	20136	NOKESVILLE LIVESTOCK AUCTION INC	7594NW	390	Retail	3	NOKESVILLE LIVESTOCK AUCTION INC	
7595-31-6547	10500 BRISTOW CENTER	DR	BRISTOW	20136	BLUV	7595SW	311	Small Shopping Center	3	BLUV LLC	BLDG C 10410-10418 BRISTOW CTR

7296-49-9598	7900	STONEWALL SHOPS	SQ	GAINESVILLE	20155	STONEWALL REGENCY LLC	7297SW	313	Shopping Center	3	STONEWALL REGENCY LLC	
7296-68-0445	15601	TURTLE POINT	DR	GAINESVILLE	20155	LAKE MANASSAS LIMITED LIABILITY CO	7296NE	832	Golf Course	2	STONEWALL GOLF CLUB AT LAKE MANASSAS INC	STONEWALL GOLF/CLUBHOUSE
8292-60-5581	14050	WORTH	AV	WOODBIDGE	22192	SAMS REAL ESTATE BUSINESS TRUST	8292SE	390	Retail	3	SAMS REAL ESTATE BUSINESS TRUST	SAM'S CLUB GAS
7896-17-1798	8501	MAPLEWOOD	DR	MANASSAS	20111	BEATTY FAMILY LP	7896NW	216	Auto Parking	3	BEATTY FAMILY L P	
8393-01-9573	2219	OLD BRIDGE	RD	WOODBIDGE	22192	TACKETTS MILL CENTER LLC	8393SW	311	Small Shopping Center	3	TACKETT'S MILL CENTER LLC	TACKETTS MILL
7697-14-7746	7651	STREAM WALK	LN	MANASSAS	20109	E A SOUTHEAST LTD PTNSHP	7697NW	313	Shopping Center	3	AMCB MANASSAS PROMENADE LLC	MANASSAS PROMENADE
8291-58-4206	14142	SMOKETOWN	RD	WOODBIDGE	22192	PRINCE WILLIAM SQUARE INVESTORS LLC	8291NE	313	Shopping Center	3	PRINCE WILLIAM SQUARE INVESTORS LLC	PW SQUARE
8392-05-3846	13455	TELEGRAPH	RD	WOODBIDGE	22192	PWC BOARD OF COUNTY SUPERVISORS	8392NW	216	Auto Parking	3	PWC BOARD OF COUNTY SUPERVISORS	
8392-87-7647	13249	OCCOQUAN	RD	WOODBIDGE	22191	AMETHYST COMPANY LLC	8392NE	311	Small Shopping Center	3	AMETHYST COMPANY LLC	WOODBIDGE SQUARE
7300-54-9159	14050	SHELTER	LN	HAYMARKET	20169	LATHAM CARROLL H AND MARY ANNE L	7300SE	911	Agricultural Resources	3	LATHAM FAMILY LAND LLC	
8192-40-8479	4300	DALE	BL	WOODBIDGE	22193	TRUSTEES OF THE IRENE V HYLTON CHARITABL	8192SW	351	Restaurant	3	LENDALE PLAZA LLC	PIZZA HUT
8393-11-8693	12700	MINNIEVILLE	RD	WOODBIDGE	22192	EXXON CORPORATION	8393SW	344	Convenience Store with Gas	4	SOUTHSIDE OIL LLC	CAR WASH
7595-83-2458	10040	SOWDER VILLAGE	SQ	MANASSAS	20109	INNOVATION E AND A LLC	7595SE	313	Shopping Center	3	INNOVATION (E&A) LLC	RED ROBIN
7595-46-9946	9480	CONTRACTORS	CT	MANASSAS	20109	BROAD RUN DEVELOPMENT LLC	7595NE	190	Other Industrial	4	TRANSATLANTIC REALTY LLC	INDUSTRIAL SHELL
7595-56-3112	9520	CONTRACTORS	CT	MANASSAS	20109	BROAD RUN DEVELOPMENT LLC	7595NE	190	Other Industrial	4	FMJS COMMERCIAL PROPERTIES LLC	BROAD RUN BUSINESS
8191-59-7049	4176	DALE	BL	WOODBIDGE	22193	TRUSTEES OF THE IRENE V HYLTON CHARITABL	8191NE	312	Shopping Center	3	FORESTDALE PLAZA LLC	FORESTDALE PLAZA
8092-43-9145	5301	DALE	BL	WOODBIDGE	22193	PWC PARK AUTHORITY	8092SW	841	Swimming Pool	3	PWC BOARD OF COUNTY SUPERVISORS	DALE CITY
8292-70-7645	2860	POTOMAC MILLS	CL	WOODBIDGE	22192	POTOMAC MILLS OPERATING CO LLC	8292SE	315	Large Mall	3	MALL AT POTOMAC MILLS LLC	POTOMAC MILLS PHASE 3
8292-70-0588	14070	WORTH	AV	WOODBIDGE	22192	RED ROBIN INTERNATIONAL INC	8292SE	351	Restaurant	3	RED ROBIN INTERNATIONAL INC	RED ROBIN
8291-79-1954	2700	POTOMAC MILLS	CL	WOODBIDGE	22192	POTOMAC MILLS OPERATING CO LLC	8291NE	315	Large Mall	3	MALL AT POTOMAC MILLS LLC	POTOMAC MILLS I&II
8091-45-7860	14640	MINNIEVILLE	RD	WOODBIDGE	22193	ZP NO 44 LLC	8091NW	311	Small Shopping Center	3	ZP NO. 44 LLC	STAPLES MILL SC
7896-16-8253	8391	CENTREVILLE	RD	MANASSAS	20111	ABDI PARVIZ AND MAHBOUBEH SAEEDI	7896NW	390	Retail	3	8391 CENTERVILLE ROAD LLC	CARPET GALLERY
7495-77-7361	12691	BRAEMAR VILLAGE	PZ	BRISTOW	20136	BRAEMAR SHOPPING CENTER LLC	7495NE	311	Small Shopping Center	3	CAR BRAEMAR VILLAGE LLC	BRAEMAR SHOPPING CTR
8293-04-2120	3314	OLD BRIDGE	RD	WOODBIDGE	22192	OLD BRIDGE RETAIL INVESTMENTS LLC	8293SW	313	Shopping Center	3	OLD BRIDGE RETAIL INVESTMENTS LLC	FESTIVAL AT OLD BRIDGE
7696-30-1623	10850	PYRAMID	PL	MANASSAS	20110	ARE VIRGINIA NO 2 LLC	7696SW	140	Research and Testing	2	COMMONWEALTH OF VA DEPT OF FORENSIC SCIENCE	VIRGINIA FORENSICS LAB
7496-60-1866	9100	DEVLIN	RD	BRISTOW	20136	BRISTOW COMMONS LLC	7496SE	313	Shopping Center	3	BC PLAZA LLC	Building 3
7497-12-0220	7800	PROGRESS	CT	GAINESVILLE	20155	WMB LC	7497SW	190	Other Industrial	4	WMB LC	BERGER BUILDING
8093-72-2873	12601	GALVESTON	CT	MANASSAS	20112	HOADLY REGENCY LLC	8093SE	311	Small Shopping Center	3	HOADLY REGENCY LLC	HARRIS TEETER
7296-19-0372	7900	CRESCENT PARK	DR	GAINESVILLE	20155	MADISON CRESCENT RETAIL LLC	7296NW	313	Shopping Center	3	MADISON CRESCENT RETAIL LLC	MADISON CRESCENT BUILDING B
7595-58-7311	11301	INDUSTRIAL	RD	MANASSAS	20109	TECHNOLOGY LEASING CONSULTANTS INC	7595NE	190	Other Industrial	4	TECHNOLOGY & LEASING CONSULTANTS INC	ACUITY AUDIO VISUAL
8291-94-2928	2401	OPITZ	BL	WOODBIDGE	22191	DIAMOND POTOMAC TOWN CENTER LLC	8291SE	314	Large Mall	3	DIAMOND POTOMAC TOWN CENTER LLC	BLDG 1 - EYE DOCTOR
8393-23-6788	12500	CLIPPER	DR	WOODBIDGE	22192	THOUSAND OAKS TOWNHOUSE ASSOC	8393SW	841	Swimming Pool	3	THOUSAND OAKS TOWNHOUSE ASSOC	COMMUNITY POOL
7696-85-6632	8500	SUDLEY	RD	MANASSAS	20109	ABEL FAMILY LTD PARTNERSHIP LLP	7696NE	361	Motor Vehicle Sales	3	ABEL FAMILY LIMITED PARTNERSHIP LLP	MILLER TOYOTA
7497-12-6630	7755	PROGRESS	CT	GAINESVILLE	20155	BILLYS LLC	7497SW	190	Other Industrial	4	PROGRESS COURT LLC	FANNON OIL
8391-51-7302	1851	RIPPON	BL	WOODBIDGE	22191	PWC SERVICE AUTHORITY	8391SE	224	Sewage	2	PWC SERVICE AUTHORITY	H.L. MOONEY
8292-34-8341	13470	MINNIEVILLE	RD	WOODBIDGE	22192	SOLANO NELIDA & ITALO F TRS	8292SW	352	Restaurant	3	SOLANO NELIDA J & ITALO F SOLANO TRS	EL POLLO RICO
8191-06-5175	14410	MINNIEVILLE	RD	WOODBIDGE	22193	TRAVERS GUY CHRISTOPHER	8191NW	343	Convenience Store	2	TRAVERS GUY CHRISTOPHER	7-ELEVEN
8093-73-7672	5019	DAVIS FORD	RD	WOODBIDGE	22192	CREST LIMITED PARTNERSHIP	8093SE	150	Wholesale Warehousing	4	CREST LIMITED PARTNERSHIP	PALM POOLS

APPENDIX 4

Biological Monitoring Protocols

Sampling Plan Benthic Macroinvertebrate Population and Water Quality Monitoring

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Virginia

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TABLE OF CONTENTS

	Page
1.0 INTRODUCTION	1
1.1 BACKGROUND.....	1
1.2 PURPOSE AND OBJECTIVES	1
2.0 SITE BACKGROUND AND SETTING	2
3.0 SAMPLING, ANALYSIS, AND REPORTING	3
3.1 SAMPLING LOCATIONS	3
3.2 SAMPLING AND FIELD DATA COLLECTION ACTIVITIES	3
3.2.1 Physical and Chemical Data Collection	3
3.2.2 Habitat Assessment.....	5
3.2.3 Benthic Macroinvertebrate Sample Collection	6
3.2.4 Field Duplicates.....	7
3.3 BENTHIC MACROINVERTEBRATE SAMPLE SORTING	7
3.3.1 Quality Assurance/Quality Control Procedures.....	9
3.3.2 Benthic Macroinvertebrate Sample Results Evaluation.....	9
3.3 REPORTING	11
4.0 REFERENCES	12

APPENDICES

Appendix A	Sampling Stations
Appendix B	Field Forms
Appendix C	Laboratory Forms

LIST OF ACRONYMS

Amec Foster Wheeler	Amec Foster Wheeler Environment & Infrastructure, Inc.
BI	Biotic Index
cm	Centimeter
COC	Chain of Custody
CWA	Clean Water Act
CFR	Code of Federal Regulations
DO	Dissolved Oxygen
<i>E. coli</i>	<i>Escherichia coli</i>
EPT	Ephemeroptera/Plecoptera/Tricoptera
GPS	Global Positioning System
m	Meter
µm	Micrometer
MS4	Municipal Separate Storm Sewer System
PMA	Percent Model Affinity
RBP	USEPA Rapid Bioassessment Protocol
TKN	Total Kjeldahl Nitrogen
TSS	Total Suspended Solids
USEPA	United States Environmental Protection Agency
VDEQ	Virginia Department of Environmental Quality
VDGIF	Virginia Department of Game and Inland Fisheries
VSCI	Virginia Stream Condition Index
VSMP	Virginia Stormwater Management Program

1.0 INTRODUCTION

Amec Foster Wheeler Environment & Infrastructure, Inc. (Amec Foster Wheeler) has prepared this sampling plan for compliance with the requirements of the Virginia Stormwater Management Program (VSMP) Permit, Municipal Separate Storm Sewer System (MS4) Permit Number VA0088595, issued by the Virginia Department of Environmental Quality (VDEQ) to Prince William County, Virginia. Section I.C.1 of the permit requires the continued implementation of a biological stream monitoring program that includes an assessment of the habitat and benthic macroinvertebrate community of select Prince William County streams. This sampling plan provides detailed descriptions of the sampling and analytical activities, as well as a technical approach and methods to scientifically evaluate natural conditions in Prince William County streams.

1.1 BACKGROUND

The United States Environmental Protection Agency (USEPA) delegated the authority to implement Section 402 of the Clean Water Act (CWA) to the Commonwealth of Virginia on March 31, 1975. Subsequently, Section 62.1-44.15:25 of the Virginia Stormwater Management Act authorizes VDEQ to issue, deny, amend, revoke, terminate, and enforce permits for the control of stormwater discharges from MS4s. The VSMP Permit Number VA0088595 authorizes point source discharges of stormwater runoff and certain non-stormwater discharges from the MS4 operated or owned by Prince William County. Part I.C of the VSMP permit outlines the monitoring requirements guided by Section 9VAC25-870-380 C.2.c.(4) of the VSMP regulations.

1.2 PURPOSE AND OBJECTIVES

The purpose of this sampling plan is to outline a plan of study that will be used to comply with the biological stream (Part I.C.1) and in-stream monitoring (Part I.C.2) requirements outlined in Prince William County's permit. The specific objectives are to gather sufficient data to evaluate, and subsequently demonstrate, upstream best management practices effectiveness.

2.0 SITE BACKGROUND AND SETTING

A MS4 is a system of conveyances which may include roads with drainage systems, municipal streets, catch basins, ditches, gutters, curbs, man-made channels, or storm drains. It is designed to collect or convey stormwater. The Prince William County MS4 is composed of numerous sites throughout Prince William County and contains over 11,000 miles of stormwater conveyance structures. The Prince William County MS4 discharges stormwater into 24 6th order hydrologic units within 9 major watersheds of the Potomac River Basin.

Prince William County is 338 square miles in area and is bordered by the Potomac River to the east, Fairfax and Loudoun Counties to the north, Fauquier and Stafford Counties to the south, and Fauquier County to the west. The majority of Prince William County is located in the Piedmont Province with the remainder in the Atlantic Coastal Plain province. The Piedmont Province is an eastward sloping plateau characterized by moderate to very steep slopes. The Atlantic Coastal Plain province has primarily flat terrain with elevations ranging from sea level to about 300 feet. The Fall Line is a transitional area where the softer, less consolidated rocks of the Coastal Plain to the east intersect with harder and more resistant metamorphic rocks of the Piedmont to the west, forming an area of ridges, waterfalls and rapids. Land use surrounding the proposed sampling locations includes residential, undeveloped, commercial and recreational areas.

3.0 SAMPLING, ANALYSIS, AND REPORTING

This section describes the activities for the biological stream monitoring and in-stream monitoring required by Part I.C.1 and I.C.2 of VSMP MS4 Permit VA0088595.

3.1 SAMPLING LOCATIONS

Benthic macroinvertebrate and surface water samples will be collected from five locations in Prince William County (Appendix A).

- Little Bull Run, Catharpin Road, Gainesville, Virginia;
- Dawkins Branch, Wellington Road, Manassas, Virginia;
- Purcell Branch, Purcell Road, Manassas, Virginia;
- Neabsco Creek, Delaney Road, Dale City, Virginia;
- Cow Branch, Mellott Road, Woodbridge, Virginia.

Benthic macroinvertebrate sampling reaches will be 100 meters (m) long, ideally located 100 m upstream from road or bridge crossings, and have no major tributaries discharging to the reach. Sample locations will be verified using a handheld global positioning system (GPS) unit. The limits will be marked in the field using survey stakes, pins, or an appropriate alternative for subsequent sampling events. Sample stations and their limits will be re-verified each sampling event using a handheld GPS and will be re-marked, if necessary.

3.2 SAMPLING AND FIELD DATA COLLECTION ACTIVITIES

Sampling and field data collection activities will include physical and chemical data collection, habitat assessment and benthic macroinvertebrate sampling. Sampling will be conducted following the requirements of VSMP MS4 Permit VA0088595 and procedures outlined in the USEPA Rapid Bioassessment Protocol (RBP) (Barbour et al. 1999).

3.2.1 Physical and Chemical Data Collection

Physical and chemical data collection includes collection of in-situ water quality readings, collection of surface water samples, and documentation of stream characteristics. The equipment needed for collection of these data includes a YSI Model 556 water quality meter (or equivalent), Lamotte 2020 turbidity meter (or equivalent), sample collection bottles, gloves, RBP Physical Characterization and Water Quality Field Data Sheets (Appendix B), a camera, a 100-m tape measure, and a flow meter (such as the Marsh-McBirney Flo-Mate). Field activities, measurements and observations will be recorded in indelible ink in a bound field logbook.

3.2.1.1 Water Quality

Water quality readings and surface water samples will be collected prior to disturbance of the sample reach. In-stream monitoring is required to be conducted at 5 stream sites for the following parameters per VSMP MS4 Permit VA0088595:

- pH,
- dissolved oxygen (DO),
- temperature,
- total suspended solids (TSS),
- ammonia as nitrogen,
- nitrate plus nitrite nitrogen,
- total Kjeldahl nitrogen (TKN),
- total nitrogen (calculation),
- dissolved phosphorus,
- total phosphorus, and
- *Escherichia (E.) coli*.

The RBP Physical Characterization and Water Quality Field Data Sheet (Appendix B) requires the measurement of pH, DO, and temperature as well as the following parameters in addition to those required by VSMP MS4 Permit VA0088595:

- conductivity or specific conductance, and
- turbidity.

In-situ water quality data will be collected using a multiprobe water quality meter (YSI Model 556 or equivalent) and a handheld turbidity meter (Lamotte 2020 or equivalent). The multiprobe will be calibrated daily using standard solutions. A calibration form is included in Appendix B.

Multiprobe readings are taken mid-channel and the unit should be allowed to stabilize before recording readings.

Grab surface water samples to be collected for laboratory analysis of TSS, ammonia, nitrate/nitrite, total Kjeldahl nitrogen (TKN), dissolved phosphorus, total phosphorus, and *E. coli* should be collected at mid-channel at the zero mark of the reach in an area with cross-sectional homogeneity, and well mixed water. The samples will be placed in coolers on ice and shipped overnight under chain-of-custody (COC) procedures to a qualified laboratory licensed in the Commonwealth of Virginia. Custody seals will be employed to check for tampering during shipment. Samples will be analyzed in accordance with 1VAC30-45, Certification for Noncommercial Environmental Laboratories, or 1VAC30-46, Accreditation for Commercial

Environmental Laboratories. Methods used for sample analysis will be those approved by Title 40 Code of Federal (CFR) Regulations Part 136 or alternative methods approved by USEPA.

3.2.1.2 Stream Characteristics

Upstream and downstream photographs will be taken at each sampling location to document conditions at the time of sampling. Physical characteristics of the streams will be recorded on the Physical Characterization and Water Quality Field Data Sheet of the RBP (Appendix B). This field sheet includes a description of the sample location, weather conditions, stream characterization, watershed features (surrounding land use, non-point source pollution, erosion), riparian vegetation, instream features (high water mark, width, depth, morphology, velocity, canopy cover, channelization, and dams), large woody debris, aquatic vegetation, water quality, and substrate (odors, oils, deposits, components). The high water mark to be recorded on the form is defined as the vertical distance from the bankfull margin of the stream bank to the peak overflow level, as indicated by debris hanging in riparian or floodplain vegetation and deposition of silt or soil.

An estimate of large woody debris in contact with the stream water is recorded on the Physical Characterization and Water Quality Field Data Sheet (Appendix B). Each woody debris formation with a surface area in the plane of the water surface that is greater than 0.25 square m is recorded on the stream reach drawing with the size of the woody debris estimated to the nearest 0.5 m. Only the portion in contact with the water is measured. Woody debris with a length or width less than 0.5 m is not counted. Root wads and logs/limbs in the water margin that are in contact with the water are arbitrarily given a width of 0.5 m. The length and width of each formation are multiplied and the resulting products are summed to give the aquatic habitat area influenced. This area is divided by the water surface area within the reach to obtain the large woody debris density.

3.2.2 Habitat Assessment

Habitat characteristics will be assessed using the Habitat Assessment Field Data Sheet (Appendix B), as specified in the RBP. The habitat assessment is performed along the 100-m reach from which the biological sampling is to be conducted. Care will be taken not to disturb the benthic macroinvertebrate sampling habitat during the habitat assessment.

The Habitat Assessment Field Data Sheet (Appendix B) of the RBP will be completed at each location. There are high gradient stream and low gradient stream versions of this form. The high gradient form is used for streams located in moderate to high gradient landscapes with coarse substrates. The low gradient form is used for streams that are located in low to moderate

gradient landscapes and have fine substrates. The appropriate data form for each sampling location will be determined during the site reconnaissance.

The habitat assessment incorporates features of the entire sampling reach. The form rates ten parameters as optimal, suboptimal, marginal, or poor. The parameters to be rated include epifaunal substrate, embeddedness or pool substrate characterization, velocity/depth regime or pool variability, sediment deposition, channel flow status, channel alteration, riffle frequency or channel sinuosity, bank stability, bank vegetative protection, and riparian zone. The Habitat Assessment Field Data Sheet should be completed by a team of 2 or more qualified personnel that come to a consensus on determination of quality.

3.2.3 Benthic Macroinvertebrate Sample Collection

Biological stream monitoring will be conducted twice per year, spring and fall, at 5 locations (Appendix B). The collection of wildlife for scientific and/or educational purposes in Virginia requires a scientific collection permit. Permit applications are available from the Virginia Department of Game and Inland Fisheries (VDGIF) and should be submitted at least 1 month prior to benthic macroinvertebrate sample collection. The permit requires annual renewal and submittal of annual catch report. VDGIF requests to be notified seven days in advance of each sampling event.

The multiple habitat sampling method will be used to characterize the benthic macroinvertebrate community, as outlined in USEPA RBP Section 7.2. This method is used to collect benthic macroinvertebrates from various substrate types and micro-habitats available within a 100-m sampling reach. Sampling begins at the downstream end of the reach and proceeds upstream. Habitats will be sampled by using a 0.3-m wide, 500-micrometer (μm) mesh, D-frame dip net. A total of 20 jabs or kicks are taken from all major habitat types in the reach. A jab consists of forcefully thrusting the net into a productive habitat for a linear distance of 0.5 m. A kick is accomplished by positioning the net and disturbing the substrate for a distance of 0.5 m upstream of the net.

Different types of habitat are to be sampled in approximate proportion to their representation of surface area of total macroinvertebrate habitat in the reach. The habitats sampled typically consist of loose cobble, fallen logs and tree limbs (snags), vegetated banks or undercut banks with exposed plant root material, sand and silt bottom materials, and submerged macrophytes. Other habitats that may be sampled include bedrock, large rocks, boards and litter; and detrital pockets of twigs and leaves. The RBP Benthic Macroinvertebrate Field Data Sheet (Appendix B) will be completed for each sample. This form includes a summary of the percent of each

habitat type present, the number of jabs or kicks taken in each habitat type, and field observations of aquatic biota.

The jab or kick method varies with habitat type. Shallow areas with coarse substrates are sampled by holding the bottom of the dip net against the substrate and kicking the substrate upstream of the net. Submerged woody debris can be sampled by kicking while placing a net downstream, jabbing directly into medium-sized woody debris or by rinsing the woody debris directly into the sieve bucket. Sample submerged undercut banks by jabbing into the habitat. Bump or jab the net along the bottom of plants in the stream to sample rooted macrophytes. Sand and soft sediment can be sampled by bumping the net along the surface of the substrate.

The 20 jabs and kicks will be composited into a 0.5- μ m mesh sieve bucket to obtain a single homogenous sample. The net will be thoroughly back-washed into the sieve bucket every few jabs to facilitate collection of benthic macroinvertebrates that are not readily visible. Large debris will be rinsed and removed from the sieve bucket. Observable benthic macroinvertebrates will be collected from the net with forceps and placed in a labeled, sample container. Small debris will be transferred from the sieve bucket to the sample container. An index card indicating the sample identification, date, stream name, sample location, and sampler name will be placed inside each sample container. The index card will be printed in pencil to prevent dissolution of the label by preservative which will be added by the analytical laboratory.

Benthic macroinvertebrate samples will be placed on ice in coolers and shipped overnight under COC procedures to an accredited benthic macroinvertebrate laboratory. Custody seals will be employed to check for tampering during shipment.

3.2.4 Field Duplicates

Duplicates are collected in the field for surface water analytical samples and benthic macroinvertebrate samples at a frequency of 1 per ten samples. Since there are five sample locations, duplicates will be collected every other sampling event at one sample location. Surface water duplicates will be collected by filling extra grab sample bottles for each analysis. The benthic macroinvertebrate duplicates will be collected from a sample location with habitat available for 2 sets of 20 jabs within the sample reach.

3.3 BENTHIC MACROINVERTEBRATE SAMPLE SORTING

The laboratory will sort, mount, identify, enumerate, evaluate, and classify benthic macroinvertebrates. In addition to sorting and identification of benthic macroinvertebrates, the laboratory staff will perform appropriate benthic macroinvertebrate index calculations and will perform and interpret statistical analyses of the benthic macroinvertebrate database. The

laboratory staff will also utilize the habitat descriptions and evaluations and the field physical/chemical water data parameters collected by field sampling personnel in the evaluation of benthic macroinvertebrates in the context of their physical/chemical habitats at the sampling location.

Samples should be logged in on a designated form or logbook such as the RBP Benthic Macroinvertebrate Sample Log-In Sheet (Appendix C). The log-in should contain the information from the sample label and the number of containers. A minimum of 200 ± 20 percent organisms will be sorted from each benthic macroinvertebrate sample, using the Caton subsampler (Caton 1991). This subsampler consists of square metal frame with a gridded mesh bottom (screen), a plastic tray that accommodates the frame, a square metal “cookie cutter” (cutter), and a metal scoop. The sample will be emptied onto the 500- μ m mesh screen and washed to remove fixative and excess detritus. The sample and screen will then be placed into the tray and enough water added to cover the sample contents. The contents will be evenly distributed over the screen, which will then be lifted from the tray of water so the sample contents will settle onto the screen, which is divided into 6 centimeter (cm) by 6 cm portions (grids). After randomly-selecting four grids and locating them using an alphanumeric designation and crosspieces on the top of the screen, the contents of each grid will be removed using a scoop and a brush. A minimum of four grids will be used to obtain the specified number. If the four grids do not contain 200 ± 20 percent organisms, enough grids will be examined to acquire this number. If the four grids contain too many organisms, they will be emptied into a smaller subsampler of similar design, and four grids randomly chosen for sorting.

The contents from each grid will be transferred to a container, and enough water will be added to keep the organisms moist during the sorting process. The selected subsample will then be taken to the sorting station. Small aliquots of sample will be put into a gridded Petri dish, and the organisms removed, counted and placed into patent lip vials containing 70 percent ethanol by major group (e.g., Trichoptera, Ephemeroptera, Bivalvia, etc.). Vials will be labeled with site, date, major group, number of individuals, and size of subsample. The RBP Benthic Macroinvertebrate Laboratory Bench Sheet (Appendix C) should be completed. The sorted and unsorted portions of the sample will be preserved separately using the original fixative.

Organisms will be identified to the generic/specific level, except for groups such as nematodes, and damaged or very small individuals. Organisms, except oligochaetes and chironomid larvae, will be identified using a stereomicroscope. Oligochaetes and chironomid larvae will be mounted on microscope slides using CMC mounting medium prior to identification using a compound microscope.

3.3.1 Quality Assurance/Quality Control Procedures

Subsequent to benthic macroinvertebrate sample sorting, the residue from a minimum of 10 percent of the samples will be rechecked to document that 95 percent of the total number of organisms has been removed. If there is an error of greater than 5 percent, then all of the samples completed by that particular sorter will be re-examined. The results from these checks will be recorded on the laboratory bench sheets (Appendix C) and will be presented with the other data in the report.

A voucher collection for Prince William County dataset, consisting of one to three specimens for each taxon will be prepared in accordance with the RBP. These slides will be labeled, kept separate from the remaining identifications, and noted on the laboratory bench sheets. A taxonomist not responsible from the original identifications should spot check samples according to the identifications on the bench sheet.

Data will be entered into a standardized Excel spreadsheet and double-checked for accuracy.

3.3.2 Benthic Macroinvertebrate Sample Results Evaluation

Metrics are biological attributes that represent elements of the structure and function of the bottom-dwelling macroinvertebrate assemblage. Metrics are specific measures of diversity, composition, and tolerance to pollution, and when combined into a multimetric index can integrate biological community characteristics and measure the overall response of the community to environmental stressors. Biological metrics include:

- **Taxa Richness** – The number of taxa reflects the health of the community through a measurement of the variety of taxa present. This measure generally increases with increasing water quality, habitat diversity, and/or habitat suitability.
- **Abundance** – The number of individual organisms found at each location. This measure can indicate whether an area is supporting a large, and when coupled with taxa richness, diverse community.
- **EPT Index (Ephemeroptera/Plecoptera/Trichoptera [mayflies/stoneflies/caddisflies])** – The EPT Index is the total number of distinct taxa within these three orders. This value summarizes taxa richness within the insect orders that are generally considered to be the most sensitive to pollution.
- **EPT/EPT + Chironomidae (midgeflies) Ratio** – A measure of abundance ratio of these two groupings indicates the balance of the benthic community diversity.

- **Percent Dominant Taxon** – This measure is the percentage occurrence of the most dominant taxon for each location. This measure is based on the assumption that dominance by a single taxon reflects an impaired community.
- **Percent Chironomidae** -- This measure is the ratio of the abundance of Chironomidae to the total number of organisms found in a replicate. The response of this measure is to increase with increased perturbation.
- **Biotic Index (BI)** – The BI assigns tolerance values to individual taxa ranging from 0 to 10, with 0 being intolerant of pollution and 10 being very tolerant of pollution. The tolerance values assigned to the various taxa are taken from a variety of sources that best reflect the area sampled, such as Bode et al. (2002), Klemm et al. (1990), Hilsenhoff (1987), North Carolina Department of Environment, Health, and Natural Resources (2003), and the Tennessee Department of Environment and Conservation (2011). The formula for calculating the BI is:

$$BI = \sum [(tv)_i n_i / N]$$

where:

- (tv)_i = the tolerance value of the ith taxon,
- n_i = the abundance of the ith taxon, and
- N = the total number of individuals in the sample.

- **Percent Model Affinity (PMA)** – The PMA expresses the sample as the percentage composition of seven major organism groups (Chironomidae, Trichoptera, Ephemeroptera, Plecoptera, Coleoptera [beetles], Oligochaeta [aquatic segmented worms], and others) and compares it to an ideal community composition derived from data from unpolluted streams (Bode et al., 2002). The degree of affinity of the sample percentage composition with that of the ideal is used to make a judgment about the water quality of the stream being studied.

Additional biological metrics will be used, if appropriate, such as:

- percentage oligochaetes + chironomids,
- percentage scrapers/scrapers + filterers,
- percentage clingers
- percentage EPT,
- percentage Oligochaeta,
- percentage Hydropsychidae/Trichoptera, and
- number of taxa in each tolerance category.

VDEQ has developed the Virginia Stream Condition Index (VSCI) (TetraTech 2003) that predicts the health of Virginia's non-coastal streams. The VSCI uses biological, physical, and chemical conditions from a least disturbed reference site within the region and has been statistically calibrated by VDEQ data. Eight VSCI metrics are combined in a multimetric approach to identify biological impairment as discussed in the VDEQ 2008 Quality Assurance Project Plan (VDEQ 2008). The eight biological measures used in the VSCI are: total taxa, EPT taxa, percent Ephemeroptera, percent Plecoptera-Trichoptera less Hydropsychidae, percent scrapers, percent Chironomidae, percent top 2 dominant taxa, and biotic index. Prince William County benthic macroinvertebrate samples will be evaluated using the VSCI.

3.3 REPORTING

An annual summary report will be prepared following each year of sampling. This report will summarize the macroinvertebrate and in-stream monitoring results and analyses, and include an interpretation of the data with respect to long-term patterns and trends. Initial or first year results from sampling and analysis will serve as a benchmark at each station for subsequent sampling events, and for comparative analysis performed on a station-by-station basis. Report appendices will include data and documentation from that year of sampling events.

4.0 REFERENCES

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- Klemm, D. J., P. A. Lewis, F. Fulk, and J. M. Lazorchak, 1990. Macroinvertebrate Field and Laboratory Methods for Evaluating the Biological Integrity of Surface Waters. EPA/600/4-90/030. U.S. Environmental Protection Agency, Cincinnati. 256 pp.
- North Carolina Department of Environment, Health, and Natural Resources. 2003. Standard Operating Procedures for Benthic Invertebrates. NCDENR Biological Assessment Unit.
- Tennessee Department of Environment and Conservation. 2011. Division of Water Pollution Control. Quality System Standard Operating Procedure for Macroinvertebrate Stream Surveys.
- TetraTech, 2003. A Stream Condition Index for Virginia Non-Coastal Streams. Owings Mill, MD. September 2003.
- Virginia Department of Environmental Quality, 2008. Biological Monitoring Program Quality Assurance Project Plan for Wadeable Streams and Rivers. Division of Water Quality, Office of Water Quality Monitoring and Assessment Programs, VA. August 2008.

**APPENDIX A
SAMPLING STATIONS**



Little Bull Run - Catharpin Road



1 in = 200 ft

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



Little Bull Run - Catharpin Road



1 in = 400 ft

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

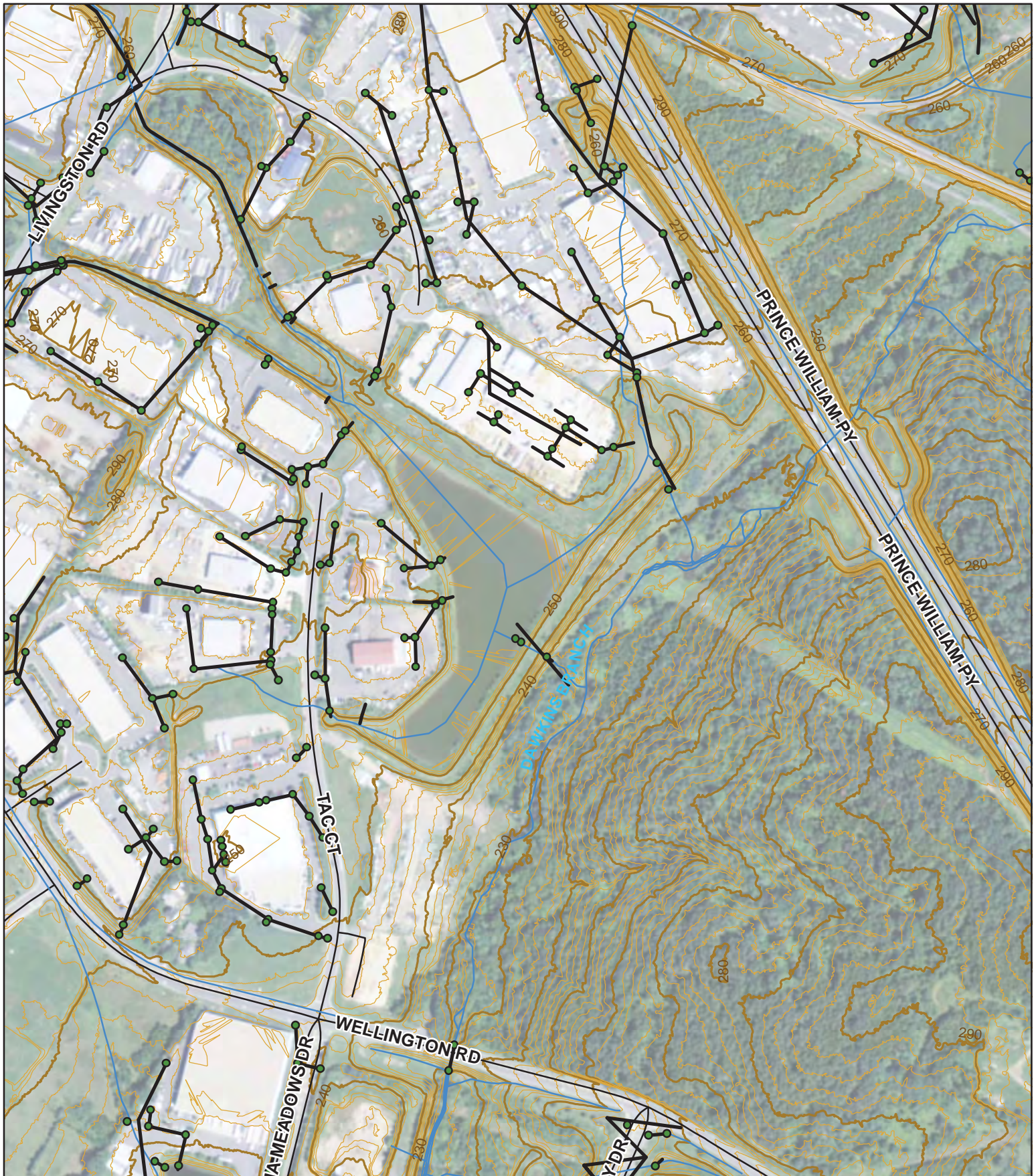


Dawkins Branch - Wellington Road



1 in = 200 ft

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



Dawkins Branch - Wellington Road



1 in = 400 ft

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA/USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



Purcell Branch - Purcell Road

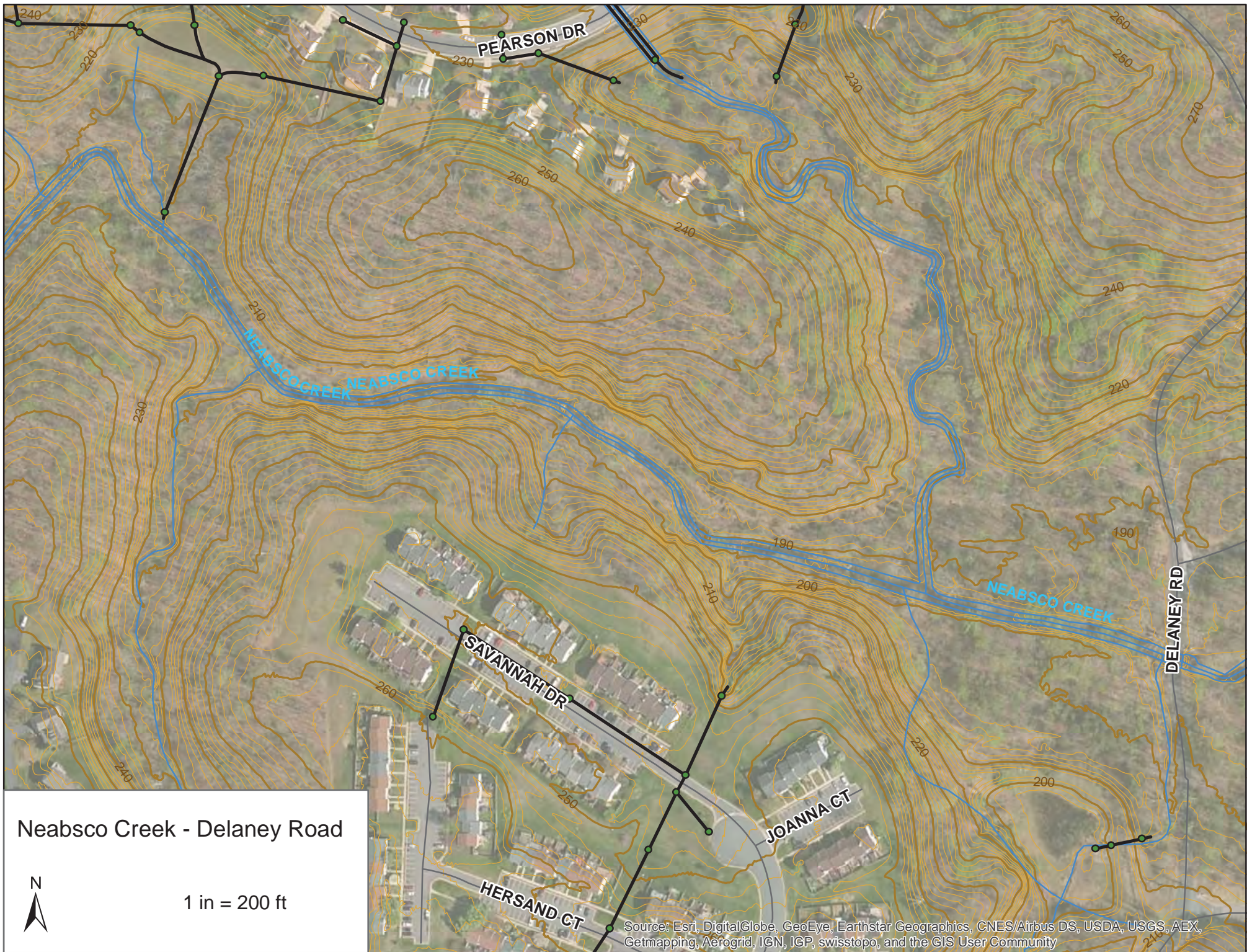


1 in = 200 ft

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



Neabsco Creek - Delaney Road



1 in = 200 ft

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



Neabsco Creek - Delaney Road



1 in = 400 ft

Source: Esri, DigitalGlobe, GeoEye, Earthstar, Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



Cow Branch - Mellott Road



1 in = 200 ft

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

**APPENDIX B
FIELD FORMS**

PHYSICAL CHARACTERIZATION/WATER QUALITY FIELD DATA SHEET (FRONT)

STREAM NAME _____	LOCATION _____	
STATION # _____ RIVERMILE _____	STREAM CLASS _____	
LAT _____ LONG _____	RIVER BASIN _____	
STORET # _____	AGENCY _____	
INVESTIGATORS _____		
FORM COMPLETED BY _____	DATE _____ TIME _____ AM PM	REASON FOR SURVEY _____

WEATHER CONDITIONS	Now <input type="checkbox"/> storm (heavy rain) <input type="checkbox"/> rain (steady rain) <input type="checkbox"/> showers (intermittent) <input type="checkbox"/> %cloud cover _____ <input type="checkbox"/> clear/sunny	Past 24 hours <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> % _____	Has there been a heavy rain in the last 7 days? <input type="checkbox"/> Yes <input type="checkbox"/> No Air Temperature _____ °C Other _____
SITE LOCATION/MAP	Draw a map of the site and indicate the areas sampled (or attach a photograph)		
STREAM CHARACTERIZATION	Stream Subsystem <input type="checkbox"/> Perennial <input type="checkbox"/> Intermittent <input type="checkbox"/> Tidal Stream Origin <input type="checkbox"/> Glacial <input type="checkbox"/> Spring-fed <input type="checkbox"/> Non-glacial montane <input type="checkbox"/> Mixture of origins <input type="checkbox"/> Swamp and bog <input type="checkbox"/> Other _____		
	Stream Type <input type="checkbox"/> Coldwater <input type="checkbox"/> Warmwater Catchment Area _____ km ²		

**PHYSICAL CHARACTERIZATION/WATER QUALITY FIELD DATA SHEET
(BACK)**

WATERSHED FEATURES	Predominant Surrounding Landuse <input type="checkbox"/> Forest <input type="checkbox"/> Commercial <input type="checkbox"/> Field/Pasture <input type="checkbox"/> Industrial <input type="checkbox"/> Agricultural <input type="checkbox"/> Other _____ <input type="checkbox"/> Residential	Local Watershed NPS Pollution <input type="checkbox"/> No evidence <input type="checkbox"/> Some potential sources <input type="checkbox"/> Obvious sources Local Watershed Erosion <input type="checkbox"/> None <input type="checkbox"/> Moderate <input type="checkbox"/> Heavy
RIPARIAN VEGETATION (18 meter buffer)	Indicate the dominant type and record the dominant species present <input type="checkbox"/> Trees <input type="checkbox"/> Shrubs <input type="checkbox"/> Grasses <input type="checkbox"/> Herbaceous dominant species present _____	
INSTREAM FEATURES	Estimated Reach Length _____ m Canopy Cover <input type="checkbox"/> Partly open <input type="checkbox"/> Partly shaded <input type="checkbox"/> Shaded Estimated Stream Width _____ m High Water Mark _____ m Sampling Reach Area _____ m ² Area in km² (m²x1000) _____ km ² Estimated Stream Depth _____ m Surface Velocity (at thalweg) _____ m/sec Proportion of Reach Represented by Stream Morphology Types <input type="checkbox"/> Riffle _____% <input type="checkbox"/> Run _____% <input type="checkbox"/> Pool _____% Channelized <input type="checkbox"/> Yes <input type="checkbox"/> No Dam Present <input type="checkbox"/> Yes <input type="checkbox"/> No	
LARGE WOODY DEBRIS	LWD _____ m ² Density of LWD _____ m ² /km ² (LWD/ reach area)	
AQUATIC VEGETATION	Indicate the dominant type and record the dominant species present <input type="checkbox"/> Rooted emergent <input type="checkbox"/> Rooted submergent <input type="checkbox"/> Rooted floating <input type="checkbox"/> Free floating <input type="checkbox"/> Floating Algae <input type="checkbox"/> Attached Algae dominant species present _____ Portion of the reach with aquatic vegetation _____%	
WATER QUALITY	Temperature _____ °C Water Odors <input type="checkbox"/> Normal/None <input type="checkbox"/> Sewage <input type="checkbox"/> Specific Conductance _____ <input type="checkbox"/> Petroleum <input type="checkbox"/> Chemical <input type="checkbox"/> Dissolved Oxygen _____ <input type="checkbox"/> Fishy <input type="checkbox"/> Other _____ <p>H _____</p> Water Surface Oils <input type="checkbox"/> Slick <input type="checkbox"/> Sheen <input type="checkbox"/> Globs <input type="checkbox"/> Flecks <input type="checkbox"/> None <input type="checkbox"/> Other _____ Turbidity _____ Turbidity (if not measured) <input type="checkbox"/> Clear <input type="checkbox"/> Slightly turbid <input type="checkbox"/> Turbid <input type="checkbox"/> WQ Instrument Used _____ <input type="checkbox"/> Opaque <input type="checkbox"/> Stained <input type="checkbox"/> Other _____	
SEDIMENT/SUBSTRATE	Odors <input type="checkbox"/> Normal <input type="checkbox"/> Sewage <input type="checkbox"/> Petroleum <input type="checkbox"/> Chemical <input type="checkbox"/> Anaerobic <input type="checkbox"/> None <input type="checkbox"/> Other _____ Deposits <input type="checkbox"/> Sludge <input type="checkbox"/> Sawdust <input type="checkbox"/> Paper fiber <input type="checkbox"/> Sand <input type="checkbox"/> Relict shells <input type="checkbox"/> Other _____ Oils <input type="checkbox"/> Absent <input type="checkbox"/> Slight <input type="checkbox"/> Moderate <input type="checkbox"/> Profuse Looking at stones which are not deeply embedded, are the undersides black in color? <input type="checkbox"/> Yes <input type="checkbox"/> No	

INORGANIC SUBSTRATE COMPONENTS (should add up to 100%)			ORGANIC SUBSTRATE COMPONENTS (does not necessarily add up to 100%)		
Substrate Type	Diameter	% Composition in Sampling Reach	Substrate Type	Characteristic	% Composition in Sampling Area
Bedrock			Detritus	sticks, wood, coarse plant materials (CPOM)	
Boulder	> 256 mm (10")				
Cobble	64-256 mm (2.5"-10")		Muck-Mud	black, very fine organic (FPOM)	
Gravel	2-64 mm (0.1"-2.5")				
Sand	0.06-2mm (gritty)		Marl	grey, shell fragments	
Silt	0.004-0.06 mm				
Clay	< 0.004 mm (slick)				

HABITAT ASSESSMENT FIELD DATA SHEET—HIGH GRADIENT STREAMS (FRONT)

STREAM NAME _____		LOCATION _____	
STATION # _____ RIVERMILE _____		STREAM CLASS _____	
LAT _____ LONG _____		RIVER BASIN _____	
STORET # _____		AGENCY _____	
INVESTIGATORS _____			
FORM COMPLETED BY _____		DATE _____ TIME _____ AM PM	REASON FOR SURVEY _____

	Habitat Parameter	Condition Category			
		Optimal	Suboptimal	Marginal	Poor
Parameters to be evaluated in sampling reach	1. Epifaunal Substrate/ Available Cover	Greater than 70% of substrate favorable for epifaunal colonization and fish cover; mix of snags, submerged logs, undercut banks, cobble or other stable habitat and at stage to allow full colonization potential (i.e., logs/snags that are <u>not</u> new fall and <u>not</u> transient).	40-70% mix of stable habitat; well-suited for full colonization potential; adequate habitat for maintenance of populations; presence of additional substrate in the form of newfall, but not yet prepared for colonization (may rate at high end of scale).	20-40% mix of stable habitat; habitat availability less than desirable; substrate frequently disturbed or removed.	Less than 20% stable habitat; lack of habitat is obvious; substrate unstable or lacking.
	SCORE	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
	2. Embeddedness	Gravel, cobble, and boulder particles are 0-25% surrounded by fine sediment. Layering of cobble provides diversity of niche space.	Gravel, cobble, and boulder particles are 25-50% surrounded by fine sediment.	Gravel, cobble, and boulder particles are 50-75% surrounded by fine sediment.	Gravel, cobble, and boulder particles are more than 75% surrounded by fine sediment.
	SCORE	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
	3. Velocity/Depth Regime	All four velocity/depth regimes present (slow-deep, slow-shallow, fast-deep, fast-shallow). (Slow is < 0.3 m/s, deep is > 0.5 m.)	Only 3 of the 4 regimes present (if fast-shallow is missing, score lower than if missing other regimes).	Only 2 of the 4 habitat regimes present (if fast-shallow or slow-shallow are missing, score low).	Dominated by 1 velocity/ depth regime (usually slow-deep).
	SCORE	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
4. Sediment Deposition	Little or no enlargement of islands or point bars and less than 5% of the bottom affected by sediment deposition.	Some new increase in bar formation, mostly from gravel, sand or fine sediment; 5-30% of the bottom affected; slight deposition in pools.	Moderate deposition of new gravel, sand or fine sediment on old and new bars; 30-50% of the bottom affected; sediment deposits at obstructions, constrictions, and bends; moderate deposition of pools prevalent.	Heavy deposits of fine material, increased bar development; more than 50% of the bottom changing frequently; pools almost absent due to substantial sediment deposition.	
SCORE	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0	
5. Channel Flow Status	Water reaches base of both lower banks, and minimal amount of channel substrate is exposed.	Water fills >75% of the available channel; or <25% of channel substrate is exposed.	Water fills 25-75% of the available channel, and/or riffle substrates are mostly exposed.	Very little water in channel and mostly present as standing pools.	
SCORE	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0	

HABITAT ASSESSMENT FIELD DATA SHEET—HIGH GRADIENT STREAMS (BACK)

	Habitat Parameter	Condition Category																											
		Optimal				Suboptimal				Marginal				Poor															
Parameters to be evaluated broader than sampling reach	6. Channel Alteration	Channelization or dredging absent or minimal; stream with normal pattern.				Some channelization present, usually in areas of bridge abutments; evidence of past channelization, i.e., dredging, (greater than past 20 yr) may be present, but recent channelization is not present.				Channelization may be extensive; embankments or shoring structures present on both banks; and 40 to 80% of stream reach channelized and disrupted.				Banks shored with gabion or cement; over 80% of the stream reach channelized and disrupted. Instream habitat greatly altered or removed entirely.															
	SCORE																	20	19	18	17	16	15	14	13	12	11	10	9
	7. Frequency of Riffles (or bends)	Occurrence of riffles relatively frequent; ratio of distance between riffles divided by width of the stream <7:1 (generally 5 to 7); variety of habitat is key. In streams where riffles are continuous, placement of boulders or other large, natural obstruction is important.				Occurrence of riffles infrequent; distance between riffles divided by the width of the stream is between 7 to 15.				Occasional riffle or bend; bottom contours provide some habitat; distance between riffles divided by the width of the stream is between 15 to 25.				Generally all flat water or shallow riffles; poor habitat; distance between riffles divided by the width of the stream is a ratio of >25.															
	SCORE																	20	19	18	17	16	15	14	13	12	11	10	9
	8. Bank Stability (score each bank)	Banks stable; evidence of erosion or bank failure absent or minimal; little potential for future problems. <5% of bank affected.				Moderately stable; infrequent, small areas of erosion mostly healed over. 5-30% of bank in reach has areas of erosion.				Moderately unstable; 30-60% of bank in reach has areas of erosion; high erosion potential during floods.				Unstable; many eroded areas; "raw" areas frequent along straight sections and bends; obvious bank sloughing; 60-100% of bank has erosional scars.															
	Note: determine left or right side by facing downstream.																												
	SCORE ___ (LB)																	Left Bank	10	9	8	7	6	5	4	3	2	1	0
SCORE ___ (RB)	Right Bank	10	9	8	7	6	5	4	3	2	1	0																	
	9. Vegetative Protection (score each bank)	More than 90% of the streambank surfaces and immediate riparian zone covered by native vegetation, including trees, understory shrubs, or nonwoody macrophytes; vegetative disruption through grazing or mowing minimal or not evident; almost all plants allowed to grow naturally.				70-90% of the streambank surfaces covered by native vegetation, but one class of plants is not well-represented; disruption evident but not affecting full plant growth potential to any great extent; more than one-half of the potential plant stubble height remaining.				50-70% of the streambank surfaces covered by vegetation; disruption obvious; patches of bare soil or closely cropped vegetation common; less than one-half of the potential plant stubble height remaining.				Less than 50% of the streambank surfaces covered by vegetation; disruption of streambank vegetation is very high; vegetation has been removed to 5 centimeters or less in average stubble height.															
	SCORE ___ (LB)																	Left Bank	10	9	8	7	6	5	4	3	2	1	0
	SCORE ___ (RB)																	Right Bank	10	9	8	7	6	5	4	3	2	1	0
	10. Riparian Vegetative Zone Width (score each bank riparian zone)	Width of riparian zone >18 meters; human activities (i.e., parking lots, roadbeds, clear-cuts, lawns, or crops) have not impacted zone.				Width of riparian zone 12-18 meters; human activities have impacted zone only minimally.				Width of riparian zone 6-12 meters; human activities have impacted zone a great deal.				Width of riparian zone <6 meters; little or no riparian vegetation due to human activities.															
	SCORE ___ (LB)																	Left Bank	10	9	8	7	6	5	4	3	2	1	0
	SCORE ___ (RB)																	Right Bank	10	9	8	7	6	5	4	3	2	1	0

Total Score _____

HABITAT ASSESSMENT FIELD DATA SHEET—LOW GRADIENT STREAMS (FRONT)

STREAM NAME _____		LOCATION _____	
STATION # _____ RIVERMILE _____		STREAM CLASS _____	
LAT _____ LONG _____		RIVER BASIN _____	
STORET # _____		AGENCY _____	
INVESTIGATORS _____			
FORM COMPLETED BY _____		DATE _____ TIME _____ AM PM	REASON FOR SURVEY _____

	Habitat Parameter	Condition Category			
		Optimal	Suboptimal	Marginal	Poor
Parameters to be evaluated in sampling reach	1. Epifaunal Substrate/ Available Cover	Greater than 50% of substrate favorable for epifaunal colonization and fish cover; mix of snags, submerged logs, undercut banks, cobble or other stable habitat and at stage to allow full colonization potential (i.e., logs/snags that are <u>not</u> new fall and <u>not</u> transient).	30-50% mix of stable habitat; well-suited for full colonization potential; adequate habitat for maintenance of populations; presence of additional substrate in the form of newfall, but not yet prepared for colonization (may rate at high end of scale).	10-30% mix of stable habitat; habitat availability less than desirable; substrate frequently disturbed or removed.	Less than 10% stable habitat; lack of habitat is obvious; substrate unstable or lacking.
	SCORE	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
	2. Pool Substrate Characterization	Mixture of substrate materials, with gravel and firm sand prevalent; root mats and submerged vegetation common.	Mixture of soft sand, mud, or clay; mud may be dominant; some root mats and submerged vegetation present.	All mud or clay or sand bottom; little or no root mat; no submerged vegetation.	Hard-pan clay or bedrock; no root mat or vegetation.
	SCORE	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
	3. Pool Variability	Even mix of large-shallow, large-deep, small-shallow, small-deep pools present.	Majority of pools large-deep; very few shallow.	Shallow pools much more prevalent than deep pools.	Majority of pools small-shallow or pools absent.
	SCORE	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
4. Sediment Deposition	Little or no enlargement of islands or point bars and less than <20% of the bottom affected by sediment deposition.	Some new increase in bar formation, mostly from gravel, sand or fine sediment; 20-50% of the bottom affected; slight deposition in pools.	Moderate deposition of new gravel, sand or fine sediment on old and new bars; 50-80% of the bottom affected; sediment deposits at obstructions, constrictions, and bends; moderate deposition of pools prevalent.	Heavy deposits of fine material, increased bar development; more than 80% of the bottom changing frequently; pools almost absent due to substantial sediment deposition.	
SCORE	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0	
5. Channel Flow Status	Water reaches base of both lower banks, and minimal amount of channel substrate is exposed.	Water fills >75% of the available channel; or <25% of channel substrate is exposed.	Water fills 25-75% of the available channel, and/or riffle substrates are mostly exposed.	Very little water in channel and mostly present as standing pools.	
SCORE	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0	

HABITAT ASSESSMENT FIELD DATA SHEET—LOW GRADIENT STREAMS (BACK)

	Habitat Parameter	Condition Category																			
		Optimal				Suboptimal				Marginal				Poor							
Parameters to be evaluated broader than sampling reach	6. Channel Alteration	Channelization or dredging absent or minimal; stream with normal pattern.				Some channelization present, usually in areas of bridge abutments; evidence of past channelization, i.e., dredging, (greater than past 20 yr) may be present, but recent channelization is not present.				Channelization may be extensive; embankments or shoring structures present on both banks; and 40 to 80% of stream reach channelized and disrupted.				Banks shored with gabion or cement; over 80% of the stream reach channelized and disrupted. Instream habitat greatly altered or removed entirely.							
	SCORE	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
	7. Channel Sinuosity	The bends in the stream increase the stream length 3 to 4 times longer than if it was in a straight line. (Note - channel braiding is considered normal in coastal plains and other low-lying areas. This parameter is not easily rated in these areas.)				The bends in the stream increase the stream length 1 to 2 times longer than if it was in a straight line.				The bends in the stream increase the stream length 1 to 2 times longer than if it was in a straight line.				Channel straight; waterway has been channelized for a long distance.							
	SCORE	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
	8. Bank Stability (score each bank)	Banks stable; evidence of erosion or bank failure absent or minimal; little potential for future problems. <5% of bank affected.				Moderately stable; infrequent, small areas of erosion mostly healed over. 5-30% of bank in reach has areas of erosion.				Moderately unstable; 30-60% of bank in reach has areas of erosion; high erosion potential during floods.				Unstable; many eroded areas; "raw" areas frequent along straight sections and bends; obvious bank sloughing; 60-100% of bank has erosional scars.							
	SCORE __ (LB)	Left Bank		10	9	8	7	6	5	4	3	2	1	0							
	SCORE __ (RB)	Right Bank		10	9	8	7	6	5	4	3	2	1	0							
	9. Vegetative Protection (score each bank)	More than 90% of the streambank surfaces and immediate riparian zone covered by native vegetation, including trees, understory shrubs, or nonwoody macrophytes; vegetative disruption through grazing or mowing minimal or not evident; almost all plants allowed to grow naturally.				70-90% of the streambank surfaces covered by native vegetation, but one class of plants is not well-represented; disruption evident but not affecting full plant growth potential to any great extent; more than one-half of the potential plant stubble height remaining.				50-70% of the streambank surfaces covered by vegetation; disruption obvious; patches of bare soil or closely cropped vegetation common; less than one-half of the potential plant stubble height remaining.				Less than 50% of the streambank surfaces covered by vegetation; disruption of streambank vegetation is very high; vegetation has been removed to 5 centimeters or less in average stubble height.							
	SCORE __ (LB)	Left Bank		10	9	8	7	6	5	4	3	2	1	0							
	SCORE __ (RB)	Right Bank		10	9	8	7	6	5	4	3	2	1	0							
	10. Riparian Vegetative Zone Width (score each bank riparian zone)	Width of riparian zone >18 meters; human activities (i.e., parking lots, roadbeds, clear-cuts, lawns, or crops) have not impacted zone.				Width of riparian zone 12-18 meters; human activities have impacted zone only minimally.				Width of riparian zone 6-12 meters; human activities have impacted zone a great deal.				Width of riparian zone <6 meters; little or no riparian vegetation due to human activities.							
	SCORE __ (LB)	Left Bank		10	9	8	7	6	5	4	3	2	1	0							
	SCORE __ (RB)	Right Bank		10	9	8	7	6	5	4	3	2	1	0							

Total Score _____

BENTHIC MACROINVERTEBRATE FIELD DATA SHEET

STREAM NAME _____		LOCATION _____	
STATION # _____	RIVERMILE _____	STREAM CLASS _____	
LAT _____	LONG _____	RIVER BASIN _____	
STORET # _____		AGENCY _____	
INVESTIGATORS _____			LOT NUMBER _____
FORM COMPLETED BY _____		DATE _____ TIME _____ AM PM	REASON FOR SURVEY _____

HABITAT TYPES	Indicate the percentage of each habitat type present <input type="checkbox"/> Cobble _____% <input type="checkbox"/> Snags _____% <input type="checkbox"/> Vegetated Banks _____% <input type="checkbox"/> Sand _____% <input type="checkbox"/> Submerged Macrophytes _____% <input type="checkbox"/> Other (_____) _____%
SAMPLE COLLECTION	Gear used <input type="checkbox"/> D-frame <input type="checkbox"/> kick-net <input type="checkbox"/> Other _____ How were the samples collected? <input type="checkbox"/> wading <input type="checkbox"/> from bank <input type="checkbox"/> from boat Indicate the number of jabs/kicks taken in each habitat type. <input type="checkbox"/> Cobble _____ <input type="checkbox"/> Snags _____ <input type="checkbox"/> Vegetated Banks _____ <input type="checkbox"/> Sand _____ <input type="checkbox"/> Submerged Macrophytes _____ <input type="checkbox"/> Other (_____) _____
GENERAL COMMENTS	

QUALITATIVE LISTING OF AQUATIC BIOTA

Indicate estimated abundance: 0 = Absent/Not Observed, 1 = Rare, 2 = Common, 3 = Abundant, 4 = Dominant

Periphyton	0	1	2	3	4	Slimes	0	1	2	3	4
Filamentous Algae	0	1	2	3	4	Macroinvertebrates	0	1	2	3	4
Macrophytes	0	1	2	3	4	Fish	0	1	2	3	4

FIELD OBSERVATIONS OF MACROBENTHOS

Indicate estimated abundance: 0 = Absent/Not Observed, 1 = Rare (1-3 organisms), 2 = Common (3-9 organisms), 3 = Abundant (>10 organisms), 4 = Dominant (>50 organisms)

Porifera	0	1	2	3	4	Anisoptera	0	1	2	3	4	Chironomidae	0	1	2	3	4
Hydrozoa	0	1	2	3	4	Zygoptera	0	1	2	3	4	Ephemeroptera	0	1	2	3	4
Platyhelminthes	0	1	2	3	4	Hemiptera	0	1	2	3	4	Trichoptera	0	1	2	3	4
Turbellaria	0	1	2	3	4	Coleoptera	0	1	2	3	4	Other	0	1	2	3	4
Hirudinea	0	1	2	3	4	Lepidoptera	0	1	2	3	4						
Oligochaeta	0	1	2	3	4	Sialidae	0	1	2	3	4						
Isopoda	0	1	2	3	4	Corydalidae	0	1	2	3	4						
Amphipoda	0	1	2	3	4	Tipulidae	0	1	2	3	4						
Decapoda	0	1	2	3	4	Empididae	0	1	2	3	4						
Gastropoda	0	1	2	3	4	Simuliidae	0	1	2	3	4						
Bivalvia	0	1	2	3	4	Tabinidae	0	1	2	3	4						
						Culcidae	0	1	2	3	4						

YSI Calibration Form

Project: _____
 Date: _____
 Pre-Calibration Time (24-hr Clock): _____
 Post-Calibration Time (24-hr Clock): _____

Pine Sonde ID No.: _____
 Pine Handset ID No.: _____
 Battery Voltage (%): _____

Prior to Operation - Check the Following Items:

- Ensure Equipment is Operable Prior to Mobilization - Checked By _____
- Attach Carabiner to Sonde
- Attach Safety Line (Non-Wadeable Conditions) NA (Wadeable Conditions)
- Check Batteries/Back-Up Batteries



User Tips:

Keep the handset and sonde in the shade when not in use (i.e., cooler, bucket, bin).
 Keep the sensors damp between readings, check the sponge to ensure adequate moisture.
 Do not keep the slotted cover on the sonde between readings or sites, or during mobilization.
 If the calibration is "outside of range", call Pine Environmental at (770) 925-2855 or (800) 842-1088 for assistance, or for instructions to reset the default calibration settings.

Pre- Post-
 Calibration Calibration

DISSOLVED OXYGEN (DO)			
Was DO membrane changed? Yes, Time/Date: _____ <input type="checkbox"/> No <input type="checkbox"/> NA (optical sensor)			
Current Air Temperature °C (meter reading):			
Current Barometric Pressure (from Weather Channel or NOAA.gov, which is corrected to sea level):	<input type="checkbox"/> NA (YSI includes barometer)		
Elevation Corrected Barometric Pressure to enter into YSI DO calibration (or YSI barometer reading if available):	Ex.: 30.02 in. Hg x 25.4 = mm Hg; subtract 2.54 mm Hg for every 100 ft. above sea level: 565/100 x 2.54 = 14.4 mm Hg Elevation: Calvert, AL is 50 ft, and Athens, GA site is 700 ft.		
DO concentration before Calibration (mg/L):			
DO concentration after Calibration (mg/L):			
CONDUCTIVITY [Note: Calibrate before pH]			
Temperature (°C)			
Reading before Calibration (mS/cm ²)			
Reading AFTER Calibration (mS/cm ²)			
pH			
pH 7.0 value before calibration:			
pH 7.0 value after calibration:			
pH 7.0 mV (range is -50 to +50 mV):			
pH 10.0 value before calibration:			
pH 10.0 value after calibration:			
pH 10.0 mV (range is -130 to -230 mV):			
pH 4.0 value before calibration:			
pH 4.0 value after calibration:			
pH 4.0 mV (range is 130 to 230 mV):			
OXIDATION/REDUCTION POTENTIAL (ORP)			
Calibration Temperature (°C):			
Reading before calibration (mV):			
Reading after calibration (mV):			
TURBIDITY			
0 NTU Turbidity Standard	<input type="checkbox"/> NA (No Standard) Before Cal:	After Cal:	
1 NTU Turbidity Standard	<input type="checkbox"/> NA (No Standard) Before Cal:	After Cal:	
10 NTU Turbidity Standard	<input type="checkbox"/> NA (No Standard) Before Cal:	After Cal:	
126 NTU Turbidity Standard	<input type="checkbox"/> NA (No Standard) Before Cal:	After Cal:	

Pre-Calibrated By: _____

Post-Calibrated By: _____

Checked by: _____

**APPENDIX C
LABORATORY FORMS**

BENTHIC MACROINVERTEBRATE SAMPLE LOG-IN SHEET

Date Collected	Collected By	Number of Containers	Preservation	Station #	Stream Name and Location	Date Received by Lab	Lot Number	Date of Completion		
								sorting	mounting	identification

Serial Code Example: B0754001(1)
 B = Benthos (F = Fish; P = Periphyton) ■ 0754 = project number ■ 001 = sample number ■ (1) = lot number (e.g., winter 1996 = 1; summer 1996 = 2)

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BENTHIC MACROINVERTEBRATE LABORATORY BENCH SHEET (FRONT)

page _____ of _____

STREAM NAME _____	LOCATION _____
STATION # _____ RIVERMILE _____	STREAM CLASS _____
LAT _____ LONG _____	RIVER BASIN _____
STORET # _____	AGENCY _____
COLLECTED BY _____ DATE _____	LOT # _____
TAXONOMIST _____ DATE _____	SUBSAMPLE TARGET <input type="checkbox"/> 100 <input type="checkbox"/> 200 <input type="checkbox"/> 300 <input type="checkbox"/> Other _____

Enter Family and/or Genus and Species name on blank line.

Organisms	No.	LS	TI	TCR	Organisms	No.	LS	TI	TCR
Oligochaeta					Megaloptera				
Hirudinea					Coleoptera				
Isopoda									
Amphipoda					Diptera				
Decapoda									
Ephemeroptera					Gastropoda				
					Pelecypoda				
Plecoptera									
					Other				
Trichoptera									
Hemiptera									

Taxonomic certainty rating (TCR) 1-5: 1=most certain, 5=least certain. If rating is 3-5, give reason (e.g., missing gills). LS= life stage: I = immature; P = pupa; A = adult TI = Taxonomists initials

Total No. Organisms _____

Total No. Taxa _____

BENTHIC MACROINVERTEBRATE LABORATORY BENCH SHEET (BACK)

<p>SUBSAMPLING/SORTING INFORMATION</p> <p>Sorter _____</p> <p>Date _____</p>	<p>Number of grids picked: _____</p> <p>Time expenditure _____ No. of organisms _____</p> <p>Indicate the presence of large or obviously abundant organisms:</p> <p>_____</p> <hr/> <p>QC: <input type="checkbox"/> YES <input type="checkbox"/> NO QC Checker _____</p> <div style="text-align: center;"> <p># organisms originally sorted $\left(\begin{array}{l} \# \text{ organisms recovered by checker} \\ \# \text{ organisms originally sorted} \end{array} \right)$ % sorting efficiency</p> <p> <input type="text"/> \div $\left(\begin{array}{l} \input{type="text"/> + \input{type="text"/> \end{array} \right) = \input{type="text"/>$ </p> </div> <p>$\geq 90\%$, sample passes _____</p> <p>$< 90\%$, sample fails, action taken _____</p> <hr/>
<p>TAXONOMY</p> <p>ID _____</p> <p>Date _____</p>	<p>Explain TCR ratings of 3-5:</p> <p>Other Comments (e.g. condition of specimens):</p> <p>_____</p> <hr/> <p>QC: <input type="checkbox"/> YES <input type="checkbox"/> NO QC Checker _____</p> <p>Organism recognition <input type="checkbox"/> pass <input type="checkbox"/> fail Verification complete <input type="checkbox"/> YES <input type="checkbox"/> NO</p>

General Comments (use this space to add additional comments):

APPENDIX 5

In-stream Monitoring Data

2. In-Stream Monitoring Program

The County has maintained an in-stream water quality monitoring program for the past 25 years. In partnership with the Virginia Tech Occoquan Laboratory, the County has maintained at least 3 sites for the monitoring of in-stream water quality. For this permit cycle, the County is in the process of increasing the sampling sites from three to five. New in-stream monitoring sites will account for additional land-uses and increase the overall understanding of water quality impacts as follows:

1. The “Dawkins Branch Station”, with drainage to be comprised of older industrial and warehouse type of land uses. This station is to represent industrial land use in the County.
2. The “Cow Branch Station” with drainage area for the proposed station originating from commercial developments, such as, Potomac Mills Mall and several other commercial and residential uses along I-95 corridor. This represents a relatively high density and highly impervious area corridor.
3. The “Purcell Branch Station” was picked to represent large-acre residential lots, which is also a representative land use in the County.

We are continuing with the existing two monitoring stations for the following reasons:

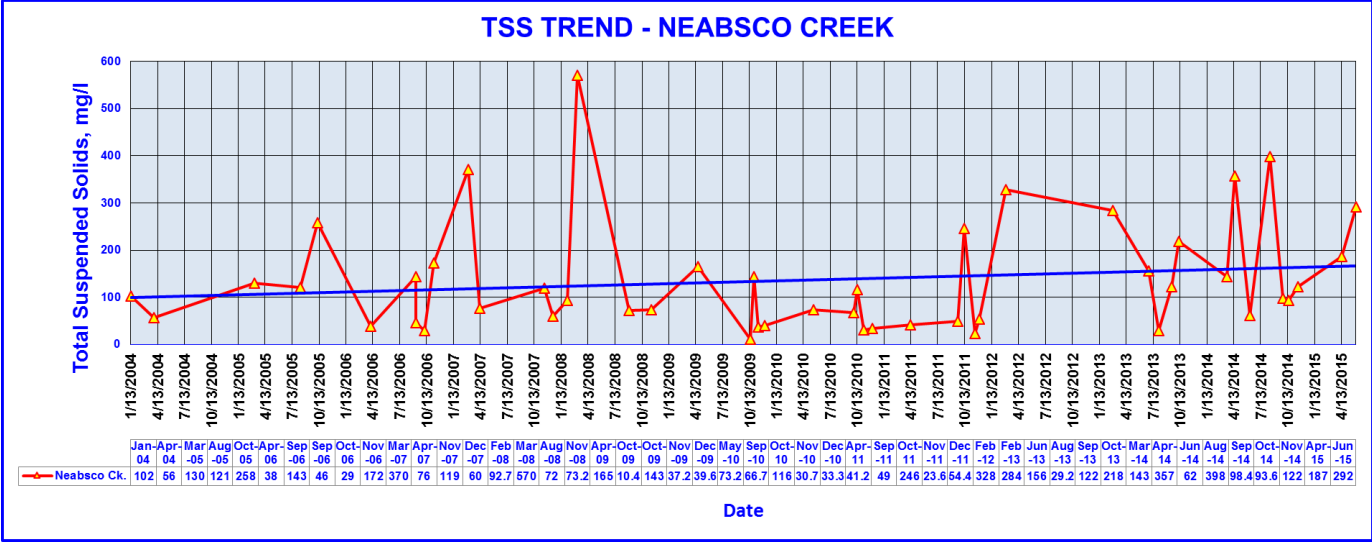
1. Neabsco Creek at Delaney Rd. – Neabsco Creek is one of the most developed watersheds in the County. This station has drainage areas from several new and much older developments in Dale City area. Continuing this station will help us further establish the water quality trends for an older developed watershed.
2. Little Bull Run at Catharpin Road – Little Bull Run has drainage areas from major known developments such as Piedmont, Dominion Valley Country Club, etc. This Station represents the current development trends of well-planned subdivisions constructed with golf course amenities in the fast growing western part of the County. Continuing this station will help us further establish water quality trends.

These sites will also be evaluated for effective biological monitoring sites, as described in the previous section. Since only two monitoring stations will be continuing from previous monitoring efforts, only data from the Neabsco Creek and Little Bull Run stations will be presented here.

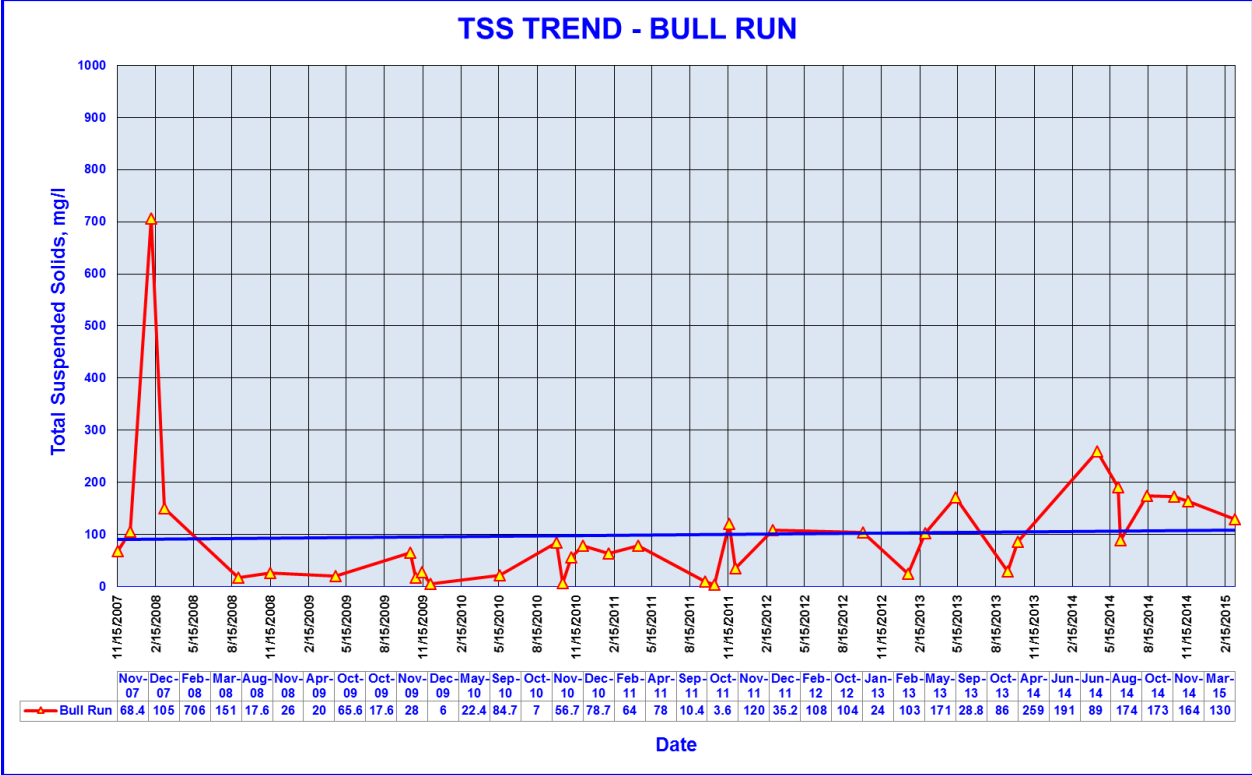
a. TSS

Due to the short reporting period, only two sampling events were recorded during the period of January 1st 2015 – June 20th 2015. This makes it difficult to produce a statistically relevant assessment of TSS trends during the timeframe. As a result, only the long term trends analysis is presented here.

For the reporting period, an increasing trend in total TSS for Neabsco Creek was observed. Values of 187 and 292 mg/L TSS were observed during the reporting period. This transformed a statistically unchanging trend in TSS within the watershed, to a slightly increasing presence.



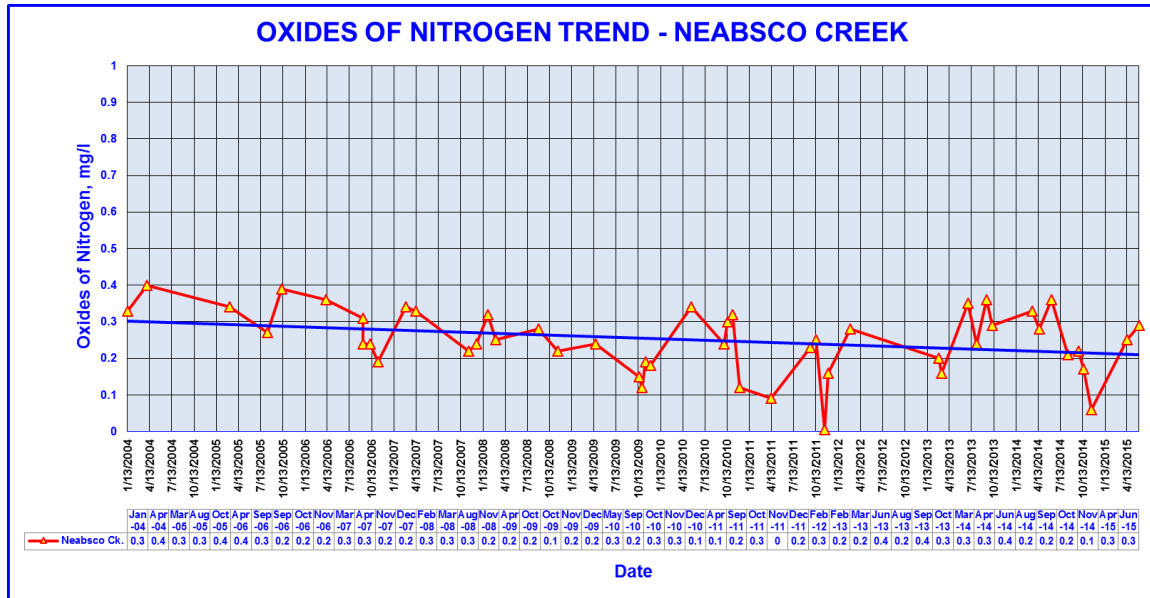
For Little Bull run, only one sample was taken during the reporting period. TSS within the watershed for the March 2015 sampling date showed a continued short term decline of TSS. Over the life of the monitoring station, TSS within the watershed has shown to be slightly increasing.



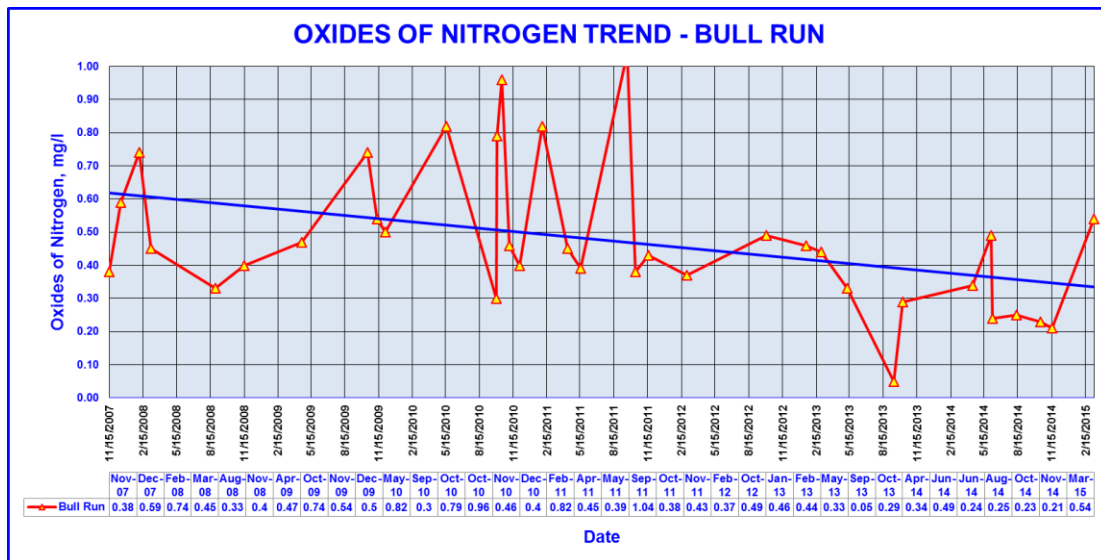
b. Nitrogen

Due to the short reporting period, only two sampling events were recorded during the period of January 1st 2015 – June 20th 2015. This makes it difficult to produce a statistically relevant assessment of TSS trends during the timeframe. As a result, only the long term trends analysis is presented here.

For the reporting period, an increase in nitrogen oxides were observed at 0.25 and 0.29 mg/L OX_N in Neabsco Creek. This could be a result of a higher than normal rate of flow within the watershed. Overall however, a significant decreasing trend in nitrogen oxides is being observed.



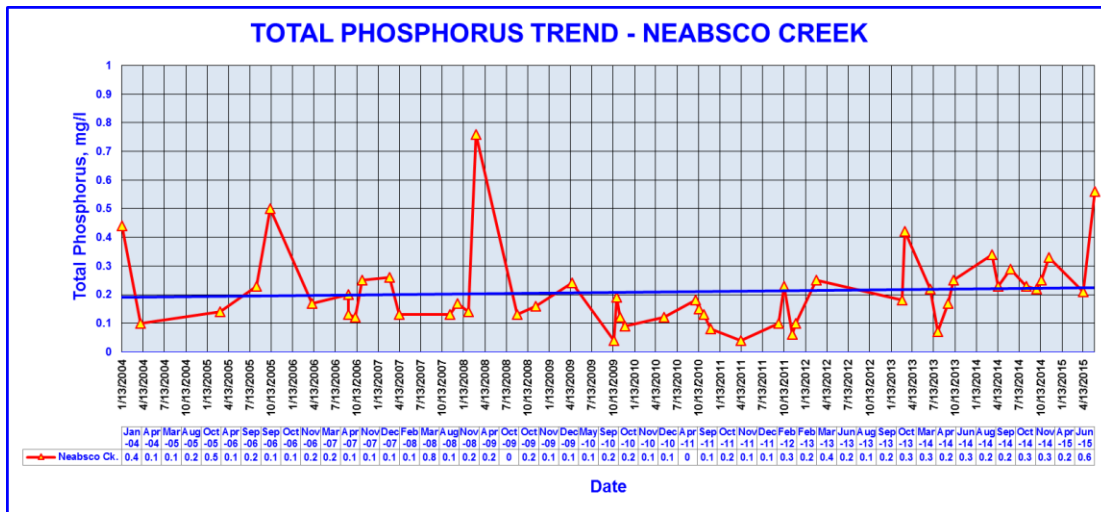
In Little Bull Run only one sample was taken during the reporting period. This sample presented an increase in oxides of nitrogen when assessing recent trends. Overall, a significant decreasing trend is observed in Nitrogen Oxides for Bull Run.



c. Phosphorous

Due to the short reporting period, only two sampling events were recorded during the period of January 1st 2015 – June 20th 2015. This makes it difficult to produce a statistically relevant assessment of TSS trends during the timeframe. As a result, only the long term trends analysis is presented here.

For the reporting period, a jump in Total Phosphorous was observed in Neabsco creek with samples recorded at 0.21 and 0.56 mg/L TP. This trend was consistent with both TSS and Nitrogen within the watershed and can be attributed to large storms resulting in increased loads. The jump in Total Nitrogen observed



In Little Bull Run only one sample was taken during the reporting period. This sample showed an identical value as the previous sample at 0.18 mg/L TP. This is consistent with the TSS reading, but not the NO_X readings observed over the reporting period. Over the history of the station, no significant decrease or increase in TP is observed.

