

**VSMP GENERAL PERMIT for  
Small Municipal Separate Storm Sewer Systems  
Permit # VAR040064**

**YEAR 2 ANNUAL REPORT**

**July 2009 – June 2010**

**City of Fairfax**



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## Introduction

In accordance with guidance contained in a letter dated June 28, 2009, from the Department of Conservation and Recreation (DCR), an annual report is hereby submitted for the City of Fairfax General Permit for Small Municipal Separate Storm Sewer Systems (MS4).

The report presents the information requested in items (a) through (m) of the DCR letter. A spread sheet is provided showing activities being conducted under each of the six minimum control measures required for the MS4 program which was updated and submitted to DCR in January, 2009. Several of the activities have supporting documents which are provided in the Appendices C-1 through C-6.

### *a. Background Information*

- 1) City of Fairfax General Permit Number # VAR040064.
- 2) Annual Report Permit Year Two: July 1, 2009 to June 30 2010.
- 3) There are no modifications to the City's roles and responsibilities under the permit.
- 4) There have been no new MS4 outfalls added within the City during the second permit year.
- 5) The signed registration statement is included in Appendix A of the report.

### *b. Status of Compliance*

The status of compliance with the permit conditions, and assessment of the appropriateness of the of the identified best management practices, and progress toward achieving the identified measureable goals for each of the six minimum control measures is contained in the Appendix B spreadsheet.

### *c. Results of Information Collected*

The City began a stream monitoring program in 2008, which is conducted by students from the George Mason University Campus in the City of Fairfax. The monitoring sites and results from the stream monitoring program for FY 09/10 can be seen in Appendix C-2. Insufficient data has been collected to date to determine any trends or perform any meaningful analysis, so no results have been included in the report.

### *d. Planned Storm Water Activities*

Storm water activities planned for the next reporting cycle are as follows:

1. Stream monitoring as described above.
2. Enforcement of annual inspection for privately owned SWM/BMP facilities within the City of Fairfax seen in Appendix A Table 5.5.
3. Illicit discharge enforcement seen in Appendix A Table 3.6.
4. Develop GIS layer showing acres treated by SWM/BMP facilities location.
5. Street Sweeping
6. Dredging of Ashby Pond
7. Storm Drain Marking Program Appendix A Table 1.2
8. Inspection of all City owned BMP/SWM facilities.

- e. *Program Changes*  
There are no changes to report in best management practices or measureable goals permit year one.
- f. *Reliance on Other Entity*  
The City of Fairfax will not be relying on any other entity to satisfy any permit obligation.
- g. *Replacement Programs*  
The City does not intend to replace any of the Minimum Control Measures shown in the general permit.
- \* h. *Section 1 B 9 requirements:*  
There have been no updates completed to the MS4 Program Plan and no new information regarding the TMDL WLA during permit year one, see attachments shown in Appendix D.
- i. *Illicit Discharges Identified:*  
The number of illicit discharges identified and the narrative on how they were controlled or eliminated are included in Appendix C-3.
- j. *Land Disturbing Activity:*  
Information on regulated land disturbing activities is shown in Appendix C-4.
- k. *Stormwater Management Facilities:*  
All known permanent stormwater management facilities in the MS4 permitted area of City of Fairfax are shown in spread sheet in Appendix C-5.
- l. *Agreements:*  
There are no new or terminated signed agreements between City of Fairfax and any third party to implement all or portions of the permit's minimum control measures.
- m. *Written comments:*  
I do not know of the existence of any written public comments received during the public comment period regarding the MS4 Program Plan.



## City of Fairfax

10455 Armstrong Street  
Fairfax, VA 22030-3630  
Department of Public Works  
(703) 246-6330  
(703) 591-5727 FAX

October 1, 2010,

Mr. Doug Fritz, MS4 Program Manager  
Department of Conservation and Recreation  
Division of Soil and Water Conservation  
MS4 Stormwater Permitting  
203 Governor Street, Suite 206  
Richmond, Virginia 23219

RE: VSMP General permit for small MS4s, VAR040064, City of Fairfax

Dear Mr. Fritz:

In accordance with 4VAC §50-60-1240 Section II(E)(3) and its VSMP small MS4 permit, VAR040064, enclosed are two copies of the City of Fairfax Year Two Annual Report. This report summarizes the City's activities taken towards meeting its measurable goals during the period of July 1, 2009 through June 30, 2010.

"I certify under the 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 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"

If you have any questions or need additional information, please do not hesitate to contact Mr. David Summers of the Public Works Department at (703) 385-7846.

Sincerely,

A handwritten signature in cursive script that reads "Robert Sisson". The signature is written in black ink and is positioned above the printed name and title of the signatory.

Robert Sisson  
City Manager



## City of Fairfax

10455 Armstrong Street  
Fairfax, VA 22030  
Department of Public Works  
(703) 273-33067  
(703) 591-5727 (FAX)

Virginia Department of Transportation  
Mr. Roy T. Mills  
Location and Design Division  
State Stormwater Program Planner  
(804) 786-9013

January 2011

Subject: MS4 Permit; Notice of Potential Physically Interconnected Stormwater Systems

Dear Mr. Mills,

The City of Fairfax is a Phase II small MS4 located in Fairfax County, VA. The City of Fairfax is covered under the Virginia Stormwater Management Program (VSMP) General Permit for Discharges of Stormwater from Small Municipal Separate Storm Sewer Systems. (Registration VAR040064)

The purpose of this letter is to notify you of the potential interconnected stormwater systems operated by VDOT, and the City of Fairfax. Under the MS4 Permit requirements, the City of Fairfax is required to notify all downstream regulated MS4 stormwater systems, that are physically interconnected. At this time the City of Fairfax has not identified any points where the City discharges into any VDOT regulated stormwater systems, therefore this is just a notification and no action on your part is required.

If you have any questions or need any additional information please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'C. Protopappas', with a long horizontal flourish extending to the right.

Christina Protopappas  
Plans Review Engineer  
(703)273-3067  
Christina.Protopappas@fairfaxva.gov



## City of Fairfax

10455 Armstrong Street  
Fairfax, VA 22030  
Department of Public Works  
(703) 273-33067  
(703) 591-5727 (FAX)

County of Fairfax  
Stormwater Planning Division  
12000 Government Center Pkwy.  
Fairfax, VA 22035

January 2011

Subject: MS4 Permit; Notice of Potential Physically Interconnected Stormwater Systems

Dear MS4 Permit Manager,

The City of Fairfax is a Phase II small MS4 located in Fairfax County, VA. The City of Fairfax is covered under the Virginia Stormwater Management Program (VSMP) General Permit for Discharges of Stormwater from Small Municipal Separate Storm Sewer Systems. (Registration VAR040064)

The purpose of this letter is to notify you of the potential interconnected stormwater systems operated by Fairfax County, and the City of Fairfax. Under the MS4 Permit requirements, the City of Fairfax is required to notify all regulated MS4 stormwater systems that are physically interconnected. At this time the City of Fairfax has not identified any points where the City discharges into any Fairfax County regulated stormwater systems, therefore this is just a notification and no action on your part is required.

If you have any questions or need any additional information please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'C. Protopappas', with a long horizontal line extending to the right.

Christina Protopappas  
Plans Review Engineer  
(703)273-3067  
Christina.Protopappas@fairfaxva.gov



## City of Fairfax

10455 Armstrong Street  
Fairfax, VA 22030  
Department of Public Works  
(703) 273-33067  
(703) 591-5727 (FAX)

George Mason University  
Facilities Planning Division  
4400 University Dr.  
Fairfax, VA 22032  
(703) 993-2520

January 2011

Subject: MS4 Permit; Notice of Potential Physically Interconnected Stormwater Systems

Dear MS4 Permit Manager,

The City of Fairfax is a Phase II small MS4 located in Fairfax County, VA. The City of Fairfax is covered under the Virginia Stormwater Management Program (VSMP) General Permit for Discharges of Stormwater from Small Municipal Separate Storm Sewer Systems. (Registration VAR040064)

The purpose of this letter is to notify you of the potential interconnected stormwater systems operated by George Mason University, and the City of Fairfax. Under the MS4 Permit requirements, the City of Fairfax is required to notify all downstream MS4 stormwater systems that are physically interconnected. At this time the City of Fairfax has not identified any points where the City discharges into any George Mason University regulated stormwater systems, therefore this is just a notification and no action on your part is required.

If you have any questions or need any additional information please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'C. Protopappas', with a long horizontal line extending to the right.

Christina Protopappas  
Plans Review Engineer  
(703)273-3067  
Christina.Protopappas@fairfaxva.gov

Annual Report Appendix B: Status of Compliance with permit conditions and program plan elements –FY2010

Table # 1: Public Outreach and Education

BMP	BMP Description	Measureable Goals	Metric	Responsible Party	Time Line	Associated Document	FY 20010 Status
1.1	Stream Monitoring	Collect data to produce a report that shows trends in stream water quality; publish annual report.	# of reports distributed.	Public Works	Annually	Stream monitoring data	Data collection Data can be seen in Appendix C-land in report on City website
1.2	Storm Drain Marker Program	Mark all storm drain inlets in the City of Fairfax.	# of storm drainage markers distributed	Public Works	Annually	Page from City website: Photo of storm drain marker; List of residential subdivisions	Most of the storm drain inlets in residential subdivisions are marked
1.3	City of Fairfax Watershed Management Plan	Post document on City website	# of investigations by public	Public Works, Community Development Planning Department	Annually	Executive Summary	30,000 total number of hits on City environment webpage
1.4	Educational Material on proper lawn fertilizer techniques	Public education	# of investigation by public, # of hits on city website, # of circulation of monthly newsletter	Community Development and Planning	Annually	Page from City website, monthly newsletter	Newsletter was mailed to 400 people and 2000 copies were placed at public buildings 30,000 total number of hits on City environment webpage
1.5	Additional Public Education Material	Public Education	# of mailing, monthly newsletter, # of emails, # of eMAS, 30 Media	Public Works/Community Relations	Monthly	City Monthly Newsletter	Newsletter was mailed to 400 people and 2000 copies were placed at public buildings 30,000 total number of hits on City environment webpage

BMP	BMP Description	Measurable Goals	Metric	Responsible Party	Time Line	Associated Document	FY 20010 Status
1.6	Evaluation and Assessment	Evaluate and assess progress towards meeting measurable goals.	In accordance with section 1 E of 4VAC50-60-1200	Public Works	Annually	Annual Report	Compliance with this measurable goal is accomplished by submitting this report.

Annual Report Appendix B: Status of Compliance with permit conditions and program plan elements –FY2010

Table # 2 Public Involvement and Participation:

BMP	BMP Description	Measurable Goals	Metric	Responsible Party	Time Line	Associated Document	FY 2010 Status
2.1	Storm Drain Marker Program	Mark all storm drain inlets in the City of Fairfax.	# of storm drainage markers distributed	Public Works	Annually	Page from City website: Photo of storm drain marker, List of residential subdivisions	Most of the storm drain inlets in residential subdivisions are marked; 60 Storm drain markers distributed to City residents during FY 09/10
2.2	City of Fairfax Watershed Management Plan	Post document on City website	# of investigations by public.	Public Works	Annually	Executive Summary	On going
2.3	Information posted on city website about protecting the environment, watershed management and recycling	Inform City residents about ways that can participate in protecting the environment, pollution prevention and proper waste disposal.	# of inquirers into city website; environment watershed management and recycling; # of flyers distributed to City residents recycling and waste disposal.	Public Works	On going; Annually	Pages from City website on Environmental protection, recycling and waste disposal poster.	30,000 hits on City website on Environment and Recycling; 10,000 flyers distributed to City residents.
2.4	Evaluation and Assessment	Evaluate and assess progress towards meeting measurable goals.	In accordance with section I.E of 4VAC50-60-1200	Public Works	Annually	Annual Report	Compliance with this measurable goal is accomplished by submitting this report.

Annual Report Appendix B: Status of Compliance with permit conditions and program plan elements –FY2010

Table # 3: Illicit Discharge Detection and Elimination

BMP	BMP Description	Measureable Goals	Metric	Responsible Party	Time Line	Associated Document	FY 2010 Status
3.1	Storm Sewer System Map	Map all known inlets and outfalls.	Number of outfalls and inlets mapped	Public Works	Ongoing		1840 catch basins and 145 outfalls and 300,000 feet of pipes already mapped into storm sewer layer of City's GIS System Appendix C-5
3.2	Storm sewer line and structure maintenance	Provide uninhibited flow for storm water through City drainage system.	Feet of storm sewer, number of structures rehabilitated.	Public Works	Annually		5020 hours PM, 526 ' of storm main replaced, 150' new storm main, 5120 hours on infrastructure projects, Appendix C-5
3.3	Illicit Discharge Detection and Elimination	To use the City's Storm Sewer GIS Layer to track illicit discharges	Number of illicit discharges detected	Code Administration, Zoning Administrator and Public Works	Ongoing		0 illicit discharges detected.
3.4	Illicit Discharge Detection and Elimination Enforcement Procedures	Issue summons and prosecute violators for negligence or failure to properly report spills	Number of summons issued	Code Administration (Fire Marshal)	As needed	Summons	0 summons and 0 fines were issued.
3.5	Report all spills that reach state waters to DEQ and DCR	Ensure that responsible party reports the spill to Department of Environmental Quality Pollution Response Program (PREP)	PREP Number Obtained	Code Administration (Fire Marshal)	In accordance with state regulations	Internal Report	Two incidents were reported to DEQ during FY 09/10

Annual Report Appendix B: Status of Compliance with permit conditions and program plan elements –FY2010

Table # 3: Illicit Discharge Detection and Elimination

BMP	BMP Description	Measureable Goals	Metric	Responsible Party	Time Line	Associated Document	FY 2010 Status
3.6	Investigate spills and releases from small MS4 operated properties to determine cause and require corrective action to prevent future occurrence.	Completion of internal reports documenting event and corrective action.	Number of reports	Code Administration (Fire Marshal)	As needed	Internal Report	Two incidents were investigated and internal reports filed in FY 09/10
3.7	Prevent or minimize the discharge of hazardous substances and oil into the storm sewer system.	Provide hazardous waste disposal facility to city residents to prevent these materials from getting into the storm water system.	Tons of hazardous collected	Operations Division	Annually	City DEQ Recycling Report	See City DEQ Report on recycling in appendix C-6 attached
3.8	Sanitary sewer overflows	Prevent sanitary sewer overflows.	Number of sanitary sewer overflows	Utilities	Annually		1 sanitary sewer overflows in FY 09/10
3.9	Sanitary Sewer Improvements	Provide uninhibited flow for sanitary sewer waste from city homes to treatment facility.	Feet of sanitary sewer lines and vertical feet of sanitary sewer manholes rehabilitated.	Utilities	Annually		3906 feet of sanitary sewer lines and 202 vertical feet of manholes rehabilitated
3.10	Evaluation and Assessment	Evaluate and assess progress towards meeting measurable goals.	In accordance with section 1 E of 4VAC50-60-1200	Public Works	Annually	Annual Report	Compliance with this measurable goal is accomplished by submitting this report.

Annual Report Appendix B: Status of Compliance with permit conditions and program plan elements –FY2010

Table # 4 Construction Site Stormwater Runoff Control:

BMP	BMP Description	Measureable Goals	Metric	Responsible Party	Time Line	Associated Document	FY 2010 Status
4.1	City of Fairfax Erosion and Sediment Control Ordinance NO 2006 – 17 of the City Code	Provide site plan review and on site erosion and sediment control inspections	Number of plan reviews, number of inspections and number of enforcement actions	Public Works	Annually	Erosion and sediment control enforcement documents	12 plans reviewed, 128 Erosion and sediment control inspections, 39 enforcement actions.
4.2	VSMMP Permits	Require construction site owners to and operators to obtain a VSMMP permit from the state for construction activities that result in land disturbance greater than or equal to 2500 square feet.	Number of permits collected	Public Works	Ongoing	Annual Erosion and Sediment Control Report	6 VSMMP permits inspected and collected.
4.3	Training	Require that City inspectors, plan reviewers and program administrator obtain the appropriate certification as required under the Erosion and Sediment Control Law	Certifications obtained	Public Works	Ongoing	Copies of certificates	2 certified inspectors, 1 plan reviewer and 1 program administrator
4.4	Reporting	To track the number of land disturbing plans and acres disturbed.	Number of plans and acres disturbed	Community Development and Planning	Annually	Land disturbing plans and permits quarterly reports.	12 plans and 52.51 acres disturbed.
4.5	Evaluation and Assessment	Evaluate and assess progress towards meeting measurable goals.	In accordance with section 1 E of 4VAC50-60-1200	Public Works	Annually	Annual Report	Compliance with this measurable goal is accomplished by submitting this report.

Annual Report Appendix B: Status of Compliance with permit conditions and program plan elements –FY2010

Table # 5: Post Construction Stormwater Management in New Development and Redevelopment:

BMP	BMP Description	Measureable Goals	Metric	Responsible Party	Time Line	Associated Document	FY 2010 Status
5.1	Public Facilities Manual	The city provides information to developers in the Public Facilities Manual (PFM) regarding stormwater and BMP design and requirements. The PFM also references the VA Stormwater Management Program and Handbook as additional resources.	PFM updates	Department of Public Works	Updated as required.	Public Facilities Manual	No updates this year.
5.2	Stormwater Management Ordinance	The city's Stormwater Management Ordinance includes provisions to meet the State stormwater and Chesapeake Bay Program requirements.	Ordinance updates	Planning Department, Public Works	Updated as required.	Stormwater Management Ordinance	No updates this year.
5.3	BMP Maintenance	The city requires that all facilities be maintained to function as designed. This is accomplished through the requirement that maintenance plans be provided on the approved site plan along with executed stormwater maintenance agreements. In addition, property owners are required to submit an inspection report annually for all BMP facilities.	BMP maintenance plans BMP maintenance agreements BMP inspection program	Planning Department	Program is evaluated weekly at the site plan meetings.	Site Plans BMP maintenance agreements BMP inspection reports	Updated weekly. 4 agreements executed during FY 09/10. 27 inspections submitted during FY 09/10.
5.4	SWM Maintenance	The city requires that all facilities be maintained to function as designed. This is accomplished through the requirement that maintenance plans be provided on the approved site plan along with executed stormwater maintenance agreements. In addition, property owners are required to submit an inspection report annually for all stormwater facilities.	BMP maintenance plans BMP maintenance agreements BMP inspection program	Public Works	Program is evaluated weekly at the site plan meetings	Site Plans BMP maintenance agreements BMP inspection reports	

Annual Report Appendix B: Status of Compliance with permit conditions and program plan elements –FY2010

Table # 5: Post Construction Stormwater Management in New Development and Redevelopment:

BMP	BMP Description	Measurable Goals	Metric	Responsible Party	Time Line	Associated Document	FY 2010 Status
5.5	BMP Tracking	Track all known permanent stormwater management facilities that discharge into the regulated small MS4 and submit the following information: (a) type of structural stormwater management facility installed as defined in the Virginia Stormwater Management Handbook; (b) Geographic location (HUC); (c) where applicable the impaired surface water that the stormwater management facility is discharging into; (d) number of acres treated.	Number and type of BMP location, watershed, acres treated, impaired waters	Planning Departments	Annually	BMP Spreadsheet	See BMP Spreadsheet attached in Appendix C-5.
5.5	SWM Tracking	Track all known permanent stormwater management facilities that discharge into the regulated small MS4 and submit the following information: (a) type of structural stormwater management facility installed as defined in the Virginia Stormwater Management Handbook; (b) Geographic location (HUC); (c) where applicable the impaired surface water that the stormwater management facility is discharging into; (d) number of acres treated.	Number and type of SWM location, watershed, acres treated, impaired waters	Public Works	Annually	SWM Spreadsheet	See SWM Spreadsheet attached in Appendix C-5.
5.6	BMP/SWM Enforcement	To have all BMP/SWM facilities in the City inspected annually. Owners of BMP/SWM facilities are given violation notices and enforcement action taken if BMP/SWM inspection report forms are not submitted by due date.	Number of violation notices mailed	Planning Department	Reviewed weekly at site plan meetings.	Violation notices	38 violation notices were mailed and 2 enforcement fines were issued in FY 09/10
5.6	Stormwater Program Enhancements	The City of Fairfax will continue to enhance stormwater programs to reduce the impacts resulting from new and redevelopment projects on the city's streams. The City of Fairfax will continue to encourage the use of new and innovative stormwater strategies such as low impact development and environmental site design through the site plan process.	Innovative stormwater/BMPs approved on site plans.	Public Works and Planning Departments.	Process is continuous along with site plan reviews.	Stormwater/BMPs Spreadsheet.	See BMP/SWM Spreadsheet attached in Appendix C-5.
5.7	Evaluation and Assessment	Evaluate and assess progress towards meeting measurable goals.	In accordance with Section 1E of 4VAC50-60-1200.	Public Works	Annually	Annual Report	Compliance with this measurable goal is accomplished by submitting this report.

Annual Report Appendix B: Status of Compliance with permit conditions and program plan elements –FY 09/10

Table # 6: Pollution Prevention/Good Housekeeping for Municipal Operations:

BMP	BMP Description	Measureable Goals	Metric	Responsible Party	Time Line	Associated Document	FY 09/10 Status
6.1	Leaf Collection	Prevent leaves from getting into streams and causing blockages, decaying and producing nutrients.	Tons of leaves collected	Operations Division	Annually	Leaf collection map and schedule, City of Fairfax DEQ Recycling Report.	3000 tons of leaves collected in 09/10
6.2	Yard Waste Collection	Collection of yard waste before it can be transported to the streams by storm water runoff.	Tons of yard waste collected	Operations Division	On going	Waste disposal poster from city website.	7000 tons of yard waste collected in 09/10.
6.3	Pollution Prevention Information posted on city website and flyers distributed to City residents	Inform City residents about pollution prevention and proper waste disposal.	# of inquirers to city website on recycling and disposal, and # of flyers distributed to City residents	Operations Division	On going	Page form City website on recycling and waste disposal poster.	10,000 flyers on waste disposal distributed to City residents in FY 09/10
6.3	Used Antifreeze Collection	Provide hazardous waste disposal facility to city residents to prevent these materials from getting into the storm water system.	Tons of antifreeze Collected.	Operations Division	Annually	City DEQ Recycling Report	30 tons of antifreeze collected in FY 0910
6.4	Used Oil	Provide hazardous waste disposal facility to city residents to prevent these materials from getting into the storm water system.	Tons of used oil collected	Operations Division	Annually	City DEQ Recycling Report	28 tons of used oil collected in FY 09/10
6.5	Education And Training	Train City employees in confine space entry.	Number of employees trained	City Risk Manager	On going	Training Documents	12 City employees trained in confined space management.
6.6	Evaluation and Assessment	Evaluate and assess progress towards meeting measurable goals.	In accordance with section I E of 4VAC50-60-1200	Public Works	Annually	Annual Report	Compliance with this measurable goal is accomplished by submitting this report.







**Appendix C-1**

**Exhibits for Minimum Control Measure #1- Public Outreach and Education**

Fairfax City Monitoring Sites

Fairfax City Stream Monitoring Results- September 20,2009

Fairfax City Steam Monitoring Results- February 4,2010

Fairfax City Steam Monitoring Results- May 22,2010

City Of Fairfax Website- How Citizens can help to protect the city's streams

Cityscene- July 2009

Cityscene-August 2009

Cityscene-September 2009

Cityscene- October 2009 (2)

Cityscene- November 2009

Cityscene- January 2010

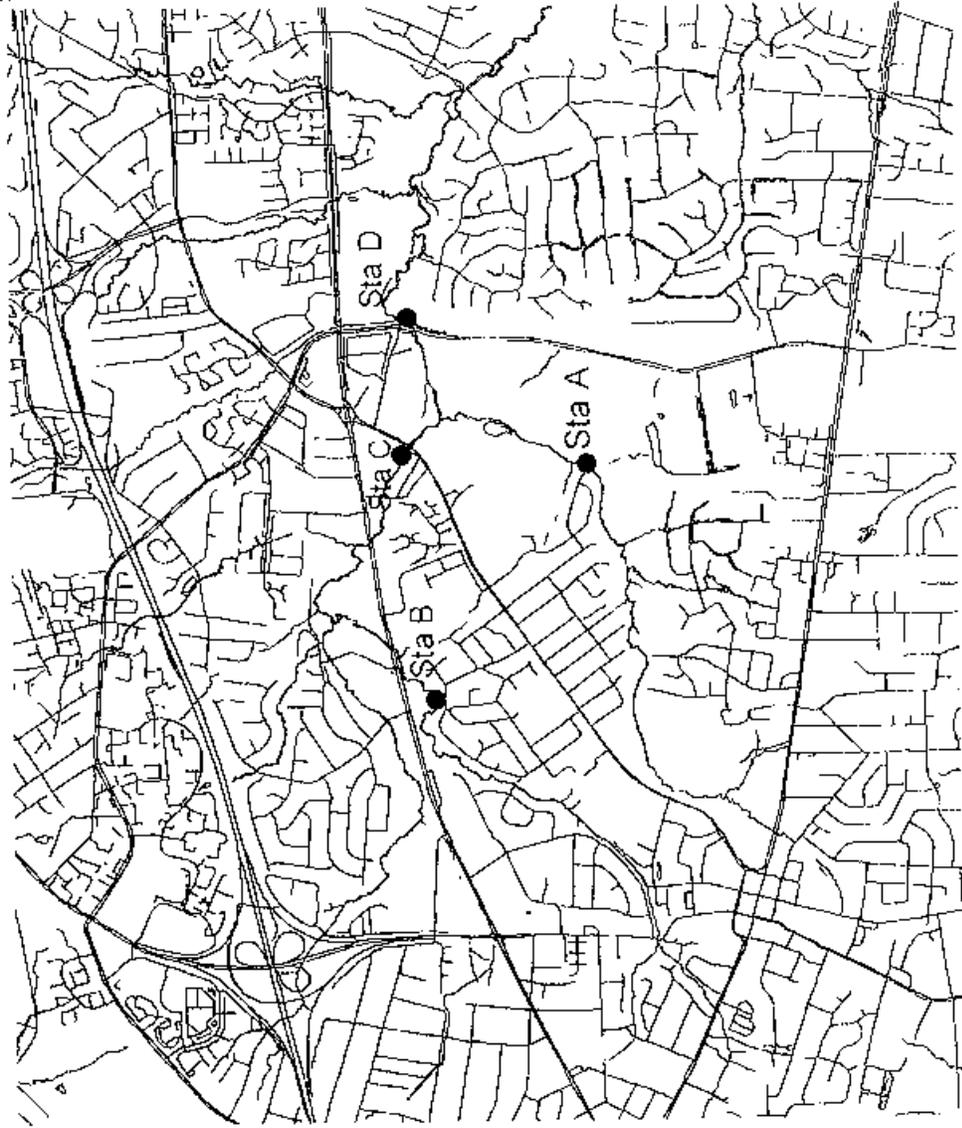
Cityscene- March 2010

Cityscene-April 2010

Cityscene-June 2010

Fairfax City Patch Article- Community Comes Together to Clean Accotink Creek

# Fairfax City Monitoring Sites



## Fairfax City Monitoring

### 30-Sep-09

Parameter	Station A	Station B	Station C	Station D
Time	1055	1035	1110	1125
Temperature (oC)	14.79	15.06	15.88	16.67
Specific Conductance (umho/cm)	95	173	212	170
Dissolved Oxygen (mg/L)	9.05	9.31	8.06	7.01
Dissolved Oxygen (% saturation)	88.9	91.8	81.2	71.6
pH	7.47	7.61	7.24	7.20
Turbidity (NTU)				
Nitrate + nitrite (mg/L as N)	0.21	0.62	0.52	0.55
Total phosphorus (mg/L as P)	0.068	0.108	0.057	0.072
Total suspended solids (mg/L)	3.5	4.5	6.2	5
Escherichia coli (#/100 mL)	104	600	290	66
Latitude	38.853075	38.860637	38.861766	38.861645
Longitude	77.279314	77.292603	77.277595	77.269913

#### Station Locations:

- Station A: Daniels Run at St Andrews Dr.
- Station B: Middle Fork Accotink Cr off Spring Lake Terr
- Station C: Accotink Cr just above Old Lee Hwy
- Station D: Accotink Cr just below Pickett Rd

#### Methods

Parameter	Description	Reference
Temperature (oC)	Hydrolab Datasonde 5	EPA 170.1
Specific Conductance (umho/cm)	Hydrolab Datasonde 5	EPA 120.1
Dissolved Oxygen (mg/L)	Hydrolab Datasonde 5	EPA 360.1
Dissolved Oxygen (% saturation)	Hydrolab Datasonde 5	EPA 360.1
pH	Hydrolab Datasonde 5	EPA 150.2
Turbidity (NTU)	Turbidity not available on Hydrolab	
Nitrate + nitrite (mg/L as N)	Cd reduction using Hach NitraVer 5	EPA 353.3
Total phosphorus (mg/L as P)	Persulfate digestion/Ascorbic Acid	EPA 365.2 as modified by Wetzel and Likens
Total suspended solids (mg/L)	Gravimetric with Whatman 984AH filters	EPA 160.1 dried to 80oC
Escherichia coli (#/100 mL)	Membrane Filter/Simultaneous Detection	EPA 1604

## Fairfax City Monitoring

### 4-Feb-10

	Station A	Station B	Station C	Station D
<b>Parameter</b>				
Time	950	940	915	1005
Temperature (oC)	1.29	1.62	1.92	1.45
Specific Conductance (umho/cm)	4893	7721	9320	9250
Dissolved Oxygen (mg/L)	14.51	13.69	13.33	12.97
Dissolved Oxygen (% saturation)	104.7	101.3	99.3	95.7
pH	7.06	7.43	7.07	6.92
Turbidity (NTU)	5.8	12.7	12.3	11.3
Nitrate + nitrite (mg/L as N)	1.26	0.91	1.11	1.00
Total phosphorus (mg/L as P)	0.044	0.050	0.041	0.040
Total suspended solids (mg/L)	3.0	9.3	18.8	15.0
Escherichia coli (#/100 mL)	89	250	410	330
Latitude	38.853075	38.860637	38.861766	38.861645
Longitude	77.279314	77.292603	77.277595	77.269913

#### Station Locations:

- Station A: Daniels Run at St Andrews Dr.
- Station B: Middle Fork Accotink Cr off Spring Lake Terr
- Station C: Accotink Cr just above Old Lee Hwy
- Station D: Accotink Cr just below Pickett Rd

#### Methods

Parameter	Description	Reference
Temperature (oC)	YSI 6600 Datasonde	EPA 170.1
Specific Conductance (umho/cm)	YSI 6600 Datasonde	EPA 120.1
Dissolved Oxygen (mg/L)	YSI 6600 Datasonde	EPA 360.1
Dissolved Oxygen (% saturation)	YSI 6600 Datasonde	EPA 360.1
pH	YSI 6600 Datasonde	EPA 150.2
Turbidity (NTU)	YSI 6600 Datasonde	
Nitrate + nitrite (mg/L as N)	Cd reduction using Hach NitraVer 5	EPA 353.3
Total phosphorus (mg/L as P)	Persulfate digestion/Ascorbic Acid	EPA 365.2 as modified by Welzel and Likens
Total suspended solids (mg/L)	Gravimetric with Whatman 984AH filters	EPA 160.1 dried to 80oC
Escherichia coli (#/100 mL)	Membrane Filter/Simultaneous Detection	EPA 1604

## Fairfax City Monitoring

### 22-May-10

Parameter	Station A	Station B	Station C	Station D
Time	1043	1025	1015	1100
Temperature (oC)	16.99	17.57	18.15	19.33
Specific Conductance (umho/cm)	257	402	516	465
Dissolved Oxygen (mg/L)	8.85	8.33	7.39	6.47
Dissolved Oxygen (% saturation)	91.8	87.4	78.6	70.6
pH	7.28	7.25	7.10	7.16
Turbidity (NTU)	NA	NA	NA	NA
Nitrate + nitrite (mg/L as N)	0.86	1.20	1.59	1.36
Total phosphorus (mg/L as P)	0.060	0.125	0.054	0.051
Total suspended solids (mg/L)	11.8	4.3	4.0	7.5
Escherichia coli (#/100 mL)	139	1020	380	360
Latitude	38.853075	38.860637	38.861766	38.861645
Longitude	77.279314	77.292603	77.277595	77.269913

#### Station Locations:

Station A: Daniels Run at St Andrews Dr.

Station B: Middle Fork Accotink Cr off Spring Lake Terr

Station C: Accotink Cr just above Old Lee Hwy

Station D: Accotink Cr just below Pickett Rd

#### Methods

Parameter	Description	Reference
Temperature (oC)	Hydrolab Datasonde 5	EPA 170.1
Specific Conductance (umho/cm)	Hydrolab Datasonde 5	EPA 120.1
Dissolved Oxygen (mg/L)	Hydrolab Datasonde 5	EPA 360.1
Dissolved Oxygen (% saturation)	Hydrolab Datasonde 5	EPA 360.1
pH	Hydrolab Datasonde 5	EPA 150.2
Turbidity (NTU)	Turbidity not available on Hydrolab	
Nitrate + nitrite (mg/L as N)	Cd reduction using Hach NitraVer 5	EPA 353.3
Total phosphorus (mg/L as P)	Persulfate digestion/Ascorbic Acid	EPA 365.2 as modified by Wetzel and Likens
Total suspended solids (mg/L)	Gravimetric with Whatman 984AH filters	EPA 160.1 dried to 80oC
Escherichia coli (#/100 mL)	Membrane Filter/Simultaneous Detection	EPA 1604



List of Services



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### Environment

- Environment - Home Page
- Flood Plains
- Streams
- Storm Water Management
- Watershed Management Planning
- Chesapeake Bay Ordinance
- Green Building and Climate
- Protection Strategies for City Development

### Home Energy Use

- Energy Saving Tips for Homeowners
- Efficiency Rebate Program

### Protecting Our Water Resources

- Protecting Our Water Resources
- Reporting Illicit Discharges
- What Citizens Can Do
- Virginia Pollution Discharge Elimination System Permit

### Students making a difference

- Students & Community
- What Kids Can Do
- Website Links for Students

## How citizens can help to protect the city's streams

**Get Involved.** This is one of the most important things you can do to help protect the city's streams and creeks. Make an effort to find out what is going on in your community regarding water quality issues. You can do this by attending public meetings, joining a local watershed organization or scheduling a time to meet with local officials. You can also sign up through the city's eMAS program to be notified of upcoming environmental events. The City encourages you to ask questions and get involved. To find out more about how you can help contact the **SpecialProjectsEngineer**.

### How you can help:

**Dispose of household and automobile chemicals and other waste products properly.** Dispose of your home chemicals such as paint, solvents, cleaning agents, motor oil, antifreeze, batteries and mercury properly. Never pour any of these materials into a sewer or storm drain. The homeowner must take pesticides, oil-based paint, gasoline, thinner and other hazardous waste to the Fairfax County transfer station located at 4618 West Ox Road. For more information refer to the city's website at [www.fairfaxva.gov/refuserecycling/RefuseRecycling.asp](http://www.fairfaxva.gov/refuserecycling/RefuseRecycling.asp) or call 703.385.7995.

**Dispose of pet waste properly.** Clean up pet waste. Pet waste that is not disposed of properly may wash into the nearby storm drains and into the local waterways. Animal waste adds harmful bacteria and nutrients to the streams that can be harmful to humans and wildlife.

**Do not dump anything into the storm drain.** Properly dispose of all hazardous materials such as motor oil, paint and antifreeze. Anything dumped into the storm drain eventually reaches the city's streams and the Chesapeake Bay. The City of Fairfax has a volunteer program to help place storm drain markers on storm drains throughout the city. For more information, contact the **SpecialProjectsEngineer**.

**Fix plumbing leaks and conserve water.** A tiny leak can add up to a gallon in minutes. Saving water saves you money. For more information, visit Fairfax City's wise water page at: <http://www.fairfaxva.gov/Utilities/WiseWaterUse.asp>

**Sweep up debris on sidewalks instead of washing it away with a garden hose.** By volume, sediment is one of the largest pollutant sources entering the nation's streams and rivers. The dirt and gravel that runs off our sidewalks and streets has a negative impact on the water quality of the city's creeks and streams.

**Drive less.** Take the metro, CUE bus, carpool, ride a bike, or plan your trips to be more efficient. You'll save money on gasoline and reduce air pollution. Particles from air pollution also have an impact on water quality.

**Keep your car tuned and periodically check for fluid leaks.** This keeps oil from leaking onto the ground and can increase gas mileage, saving you money and protecting the environment by reducing water and air pollution.

**Wash your car or other outdoor equipment at a commercial carwash instead of at your home.** The grease, oil and other chemicals that we wash off these items can run off of our driveways and lawns and enter the storm sewer system and eventually discharge to local streams and rivers. Even the soaps we use to clean these items can cause problems for some aquatic life.

**Use cat litter or other absorbents to soak up spills.** Never wash spills away with a garden hose. Pour cat litter on oil leaks and other household chemical spills to soak them up.

**Properly maintain your septic system.** If you have a septic system at your home, it is important to ensure that it is functioning properly.

### Around the yard:

### Relevant Links

- Public Works
- Council of Governments

**Use less lawn chemicals and always follow the label directions.** Rains can wash away your fertilizers and pesticides, which is a big waste for you and toxic for aquatic life. Do not use chemicals on your lawn before it is expected to rain, and try using organic or slow-release products, which are better for your lawn and for the environment. Be conservative with pesticides and herbicides (weed killers) and try natural alternatives. The Virginia Cooperative Extension offers assistance with many services including soil testing and assistance in determining how much fertilizer to use on your lawn and insect, disease and weed control assistance. For more information contact the Virginia Cooperative Extension location in Fairfax County at (703) 324-5369 or visit Virginia Cooperative Extension Website at: <http://offices.ext.vt.edu/view.cfm?webname=fairfax>

**Clear street gutters and storm drains of trash, leaves and grass.** Trash may clog drains and cause your street to flood in a storm. Leaves and grass wash to our creeks and streams where they decay, reducing the oxygen in the water that fish need to survive. Trash and debris can also cause numerous problems for fish and other aquatic animals.

**Compost leaves, branches and grass clippings.** Compost makes great mulch for your garden or flowerbed. Leave grass clippings on the lawn as you mow to return nutrients to your lawn. For more information on composting go to: [www.fairfaxva.gov/refuserecycling/refuseRecycling.asp#YardWaste](http://www.fairfaxva.gov/refuserecycling/refuseRecycling.asp#YardWaste)

**Pick up trash and litter in your yard.** Much of the trash in our yards and along roadways will eventually find its way to a stream or river. This not only adds to a streams pollutant level, but fish and some birds can become trapped or choke on some types of trash and die.

**Reduce the amount you water your lawn.** Lawns need less than an inch of water per week. If it rains an inch, do not water. Try using a rain gauge.

**Report illegal dumping activities.** If you see anyone dumping materials into the storm sewer or stream, contact at Virginia Department of Environmental Quality Resources or 703-583-3800. In addition, you should also contact the City of Fairfax Fire Marshall at 703-385-7830 or the Police Department at 703-385-7924.

**Download yard care guidelines from:**  
<http://www.dcr.virginia.gov/sw/docs/yardcare.pdf>

**For more information on environmental issues, check out the below links:**

- VA Department of Conservation and Recreation [www.dcr.state.va.us/](http://www.dcr.state.va.us/)
- VA Department of Environmental Quality [www.deq.virginia.gov/watersheds/](http://www.deq.virginia.gov/watersheds/)
- US Environmental Protection Agency [www.epa.gov/](http://www.epa.gov/)
- Chesapeake Bay Foundation [www.cbf.org/](http://www.cbf.org/)
- Center for Watershed Protection [www.cwp.org/](http://www.cwp.org/)
- Storm water Manager's Resource Center [www.stormwatercenter.net/](http://www.stormwatercenter.net/)
- Only Rain Down the Storm Drain [onlyrain.org/](http://onlyrain.org/)
- Help the Chesapeake Bay in Your Home <http://www.chesapeakebay.net/athome.aspx?menuItem=14818>

#### FOR MORE INFORMATION

Thank you for interest in helping the City of Fairfax protect our streams and the environment. If you would like additional information on the City's environmental programs or on how you can help, contact:

City of Fairfax, Virginia  
Department of Public Works  
10455 Armstrong Street  
Fairfax, Virginia 22030  
Phone: (703) 385-7816  
Fax: (703) 591-5727  
E-mail: [SpecialProjectsEngineer@fairfaxva.gov](mailto:SpecialProjectsEngineer@fairfaxva.gov)



City Hall  
10455 Armstrong St.  
Fairfax, Virginia 22030

Information Provided by Special Projects Engineer; 703.385.7816  
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Other Gov't Offices.

# George Mason Boulevard Now Open to Traffic

The opening of George Mason Boulevard forever changes the traffic patterns in southeast Fairfax. The 2-lane boulevard runs from the intersection of University Drive and Armstrong Street to George Mason University.

CUE Bus routes have been moved from University Drive to George Mason Boulevard at School Street and at Armstrong Street.

Drivers may reach City Hall parking lots from three locations: the boulevard, from northbound Route 123 and from Armstrong Street. Full accessibility parking for City Hall is available from the east entrance of the atrium, and full

accessibility parking for the Sisson House is in the upper lot near Route 123.

University Drive is closed at Armstrong Street, at the city line adjacent to the university and at the east end of School Street. Local traffic may access the Crestmont and Mason Oak neighborhoods from School Street via Route 123 and may reach the Fairfax Town Estates neighborhood from Sideburn Road.

Drivers currently may reach Route 123 from the boulevard (via University Drive adjacent to the university). Drivers also may access Route 123 from Armstrong Street (in front of City Hall). For information, call 703-385-7889.



## City Ends "Set-Out" Trash Service

Due to budget constraints, the city stopped providing "set-out" service for trash and recyclables in all city neighborhoods effective June 30.

The city, however, will provide special set-out service for those city residents who are physically unable to take their bins to the curb. To receive this service, call 703-385-7995.

Items may be set at the curb for collection at dusk of the evening before scheduled collection and should be returned to their storage/use area by dusk the day of collection.

Refuse and recycling that is not at the curb by 7 a.m. on collection day may be missed — and will not be collected until the next time the city collects trash and recyclables in that neighborhood.

## Don't Can it: Fluorescent Bulbs are Hazardous

Fluorescent bulbs do not belong in the trash — they are considered hazardous waste. Take them to the Fairfax County Household Hazardous Waste site at 4618 West Ox Road. For information, call 703-324-5068.

Fluorescent bulbs contain mercury, a metal hazardous to human health and the environment. A single broken fluorescent bulb can contaminate 7,000 gallons of water.

## Contractors Must Carry Away Their Debris

Those who hire contractors for work on their residence or business must make sure their contractors dispose of their own debris, from yard waste to cement. The city pays for disposal of all debris it collects, and it's unfair for city taxpayers to pay for this business expense.

The city has published *How to Dispose of Items in the City*. For a copy, visit the city's Web site or call 703-385-7855.

INFORMATION: 703-385-7995

## City Receives Grant to Improve Ashby Pond Water Quality

The city has received a grant that provides an opportunity to work with Virginia Tech — and exemplifies the city's commitment to improving water quality locally (of Accotink Creek) and regionally (the Chesapeake Bay).

The City of Fairfax, in conjunction with the College of Engineering at Virginia Tech, has been granted an award of \$318,000 from the National Fish and Wildlife Foundation Chesapeake Bay Stewardship Fund.

The grant will fund the design for retrofitting the pond at the Ashby Pond Conservatory Site into a facility that will provide detention and nonpoint source pollution removal from the stormwater that currently enters the pond. The project is in the planning stages, and the construction date will be announced in the future.

The project will include installation of floating treatment wetlands to further enhance the water quality in the pond that eventually flows into the Daniels Run tributary system.

Those who enjoy the area around the pond will notice an improvement in the appearance of the water after the existing sediment is removed and the floating wetlands are installed and operational.

Educational signs will be installed around the area to provide information on how the pond enhancements will help improve the water quality of Accotink Creek and assist with the Chesapeake Bay program goals.

The pond will be monitored by Virginia Tech for 18 months to record the pollutant removal capacity after the improvements are installed.

For information, call 703-385-7816.

## CUE Bus Provides Cool, Efficient Transportation All Summer Long

Use Smart Trip  
to pay fare  
and receive  
a discount!

All buses are  
fully accessible,  
have bike racks for use  
and travel through city,  
to Metro and George Mason  
University

Shorten the wait  
with NextBus.com  
via computer,  
cell phone, other  
handheld device

Information: 703-385-7859,  
[www.fairfaxva.gov](http://www.fairfaxva.gov); [www.CUEBus.org](http://www.CUEBus.org)

# Save Time, Resources — Use City's Online Services

Lazy days of summer do not preclude day-to-day responsibilities. The City of Fairfax Web site can help you use time to your advantage to get your tasks accomplished — so you can get back to vacation, summer camp, special events and other activities that fill summer days.

The Parks and Recreation Department has many offerings, such as specialty sports camps, park gazebos and classes. Additionally, the department oversees use of Old Town Hall, Civil War Interpretive Center at Historic Blenheim and Green Acres Center for community and public use. For information, call 703-385-7858.

New residents have options when registering their vehicles with the DMV and the city. The Office of the Commissioner of the Revenue has forms on the city's Web site for registering vehicles. For information, call 703-385-7880.

Home improvement and repair projects may require inspections and permits; inspection requests are available online. For information, call 703-385-7830.

Find out how to get around town on the CUE Bus on the city's Web site — and get real-time bus arrival information on computers and handheld devices at [www.nextbus.com](http://www.nextbus.com). For CUE Bus information, call 703-385-7859.

## New Emergency Management Plan Incorporates Federal Standards

The City of Fairfax recently implemented its new Comprehensive Emergency Management Plan.

Developed by the city's Office of Emergency Management, the scope of the plan was expanded to include both natural and human-caused disasters or events, from floods to terrorist attacks.

The plan incorporates emergency standards designed by the federal government: the National Incident Management System (NIMS) and Emergency Support Functions (ESF) system, which were developed after the city adopted its previous emergency management plan a decade ago.

NIMS standardizes language and procedures in public safety departments nationwide to allow for better cross-

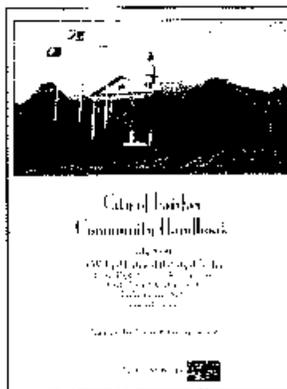
jurisdictional cooperation. NIMS was established after the September 11, 2001 terrorist attacks, when emergency crews responding to emergencies discovered other jurisdictions on-site used different terms to describe the same equipment and procedures.

The plan also uses the federally-developed ESF system within the Emergency Operations Center. This clarifies workers' roles in case of emergency, establishes a firm chain of command and authorizes specific responsibilities to certain functions. Again, this national standard improves cross-jurisdictional communication.

Copies of the new plan are available on the city's Web site and upon request. For information, call 703-385-4856.

**THE COMMUNITY HANDBOOK,  
PUBLISHED BY THE COMMUNITY RELATIONS  
OFFICE, SERVES AS A "USER'S MANUAL"  
FOR GOVERNMENT SERVICES FOR THE CITY'S  
RESIDENTIAL AND BUSINESS COMMUNITIES.**

**FOR A COPY,  
VISIT THE CITY'S WEB SITE  
OR CALL 703-385-7855.**



## ALMANAC

### Keep Oil-, Lead-Based Paint Out of Trash

Beware when disposing of paint not all of it is fit for the curb.

Oil-based paint and lead-based paint may not be placed at the curb for disposal. Instead, please take it to the Household Hazardous Waste Disposal site at the I-66 Transfer Station, 4618 West Ox Road; 703-324-5068. Hours are 8 a.m. to 4 p.m. Thursday through Saturday and 9 a.m. to 4 p.m. Sunday. There may be related fees.

Latex paint containers with dry paint may be placed at the curb. Containers with wet paint must be taken to the Household Hazardous Waste site.

### Trash Containers Size Limited to 60 Pounds

The City of Fairfax asks residents with curbside collection of trash and yard waste to please use containers with the maximum capacity of 31 gallons or 60 pounds.

Containers may be metal or approved plastic and must have handles and tight-fitting lids.

No container can weigh more than 60 pounds fully loaded because city workers must be able to lift them to dispose of their contents.

*Place containers at the curb no earlier than dusk the day before collection and no later than 7 a.m. on collection day.*

### Flyer Provides Refuse and Recycling Services Information

To assist residents with curbside waste disposal, the city has published *How to Dispose of Items in the City*, available on the city's Web site and mailed upon request.

The flyer includes lists of items collected from the curb, items collected at the city's recycling center, special collections and household hazardous waste information.

**INFORMATION: 703-385-7995**



# Cityscene

[www.fairfaxva.gov](http://www.fairfaxva.gov)

A Report to the Citizens of the City of Fairfax



## DATELINE

### Library Site Development Outreach Meeting Set for September 1

The Mayor and City Council will hold a community outreach meeting regarding the proposed development of the former library building site, 3915 Chain Bridge Road, at 7 p.m. September 1 in the City Council Annex. For information, call 703-385-7850.

### City Government Offices Close September 7 for Labor Day

City government offices will be closed September 7 for Labor Day.

The Senior Center will be closed; call 703-359-2487.

The General District Court also will be closed; call 703-385-7867.

The CUE Bus will run on a Saturday schedule. For information, call 703-385-7859.

Trash and recyclables will not be collected September 7. Monday and Tuesday regular collection will be provided on Tuesday, September 8. For information, call 703-385-7995.

The Fairfax Museum and Visitor Center will be open. For information, call 703-385-8414.

### Patriot Day Ceremony Set for September 11

The City of Fairfax will hold a Patriot Day ceremony at 7 p.m. at the Veterans Amphitheater next to City Hall.

For information, call 703-385-7850.

If you're new to the city, welcome!  
Call 703-385-7855  
for a new resident information.

## University Drive Improvements Include Open Space, Sidewalks

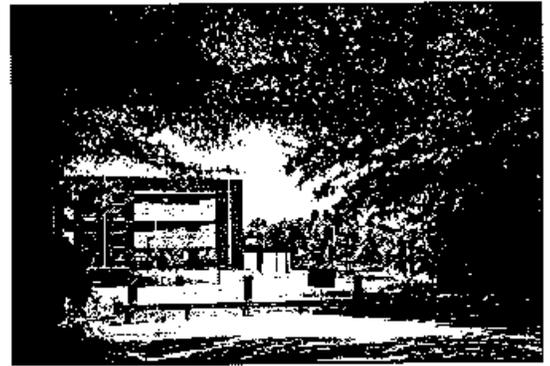
The City of Fairfax will perform road improvement projects on University Drive beginning in October that will result in better pedestrian safety and more open space.

The construction of George Mason Boulevard closed south University Drive at the city line (pictured, right). The city will create an open space area at this location by removing a portion of existing pavement on Forest Avenue and adding topsoil and a new curb. This joint initiative with George Mason University will evolve as budgetary restraints allow for the possible addition of landscaping and amenities to the open space.

On University Drive at School street, the city will in-

stall new curb and sidewalk. This will permanently close off access to School Street from University Drive, eliminating cut-through traffic.

For information, call 703-385-7983.  
(Photo by Chris Cohen, City of Fairfax)



## City Provides Support, Information for Recycling for Residents, Businesses

All residents and businesses in the city are required to recycle, and the city provides guidance and assistance with this service. For information, visit the city's Web site or call 703-385-7995.

Residents may request recycle bins from the city that they place at the curb on regular trash and recycling collection days.

The city also provides a Recycling Center at the Property Yard, 3410 Pickett Road, that allows for 24-hour drop-off of recycling products.

To assist citizens with refuse and recyclables disposal, the city has published *How to Dispose of Items in the City*. For a copy, visit the city's Web site or call 703-385-7855.

Residents may dispose of electronics for free at the Electric Sundry TV and Computer Recycling Event from 10 a.m. to 3 p.m. September 20, October 19 and

November 15. Items are accepted at the at the I-66 Transfer Station, 4618 West Ox Road, Fairfax. For information, call 703-324-5052.

All city businesses are required to recycle. Businesses may choose to augment service with their refuse contractor.

Smaller businesses may decide to carry their small amounts of recycling to the city's Recycling Center; those who wish to use the municipal facility for business purposes must request permission to do so.

Home-based businesses may continue to include their recycling with the materials already collected from their home.

Business recyclers must submit an annual report on their recycling program, the next of which is due in March 2010. The city will provide a Web program so this information can be submitted online.





# Cityscene

www.fairfaxva.gov

A Report to the Citizens of the City of Fairfax



## DATELINE

### Sales Tax Holiday Offered October 9-12

The Commonwealth of Virginia is offering a four-day sales tax holiday, during which no Virginia sales tax will be collected on qualifying energy-saving items.

The exemption applies to the purchase of certain qualified Energy Star and WaterSense products purchased for non-commercial use and costing \$2,500 or less will be exempt from sales tax.

Qualifying items include dishwashers, clothes washers, refrigerators, air conditioners, ceiling fans, compact fluorescent light bulbs and programmable thermostats that carry the Energy Star designation.

Qualifying WaterSense items include bathroom sink faucets, faucet accessories and toilets.

For information, call 703-385-7880.

**Residential curbside leaf collection begins November 2 — see page 3!**



### City Government Offices Open October 12

City government offices will be open and all services will be provided as usual on Columbus Day, October 12. However, the General District Court will be closed October 12; call 703-385-7867.

If you're new to the city, welcome! Call 703-385-7855 for a new resident package.

## Fall Festival October 10 Features Crafts, Music, Autos

Crafts, a pumpkin patch, children's activities, music, food and a car show will fill Old Town Fairfax during the Fall Festival from 10 a.m. to 5 p.m. October 10.

Crafters from around the region will sell handmade wares such as vases, wind chimes, quilts, dolls and toys, woodcrafts, needlework and more.

Booths and displays will line University Drive, Sager Avenue and Main, South and Armstrong streets. These roads will be closed to traffic during the festival — as well as a portion of University Drive north of North Street.

Admission to the festival is free, with fees for rides and children's activities (and a \$15 "all

you can ride" pass).

Children will have their own special activities, including puppet and magic shows, musical entertainment, inflatables and rides (pictured, below).

The Main Stage in the SunTrust Bank lot will feature a food court and live music — including *The Boones Farmers* (from 11 a.m. to noon) and *The Legwarmers, the Ultimate 80s Tribute Band* (from 12:30 -3:30 p.m.).

Among the activities planned at the

festival is "Touch-a-Truck," where the public can tour and touch different large vehicles and equipment, such as the city's new hybrid CUE Buses, mowers and other transportation and municipal

*continued on page 4*



## Volunteers Sought for New Environmental Sustainability Committee

The City Council seeks participants for the Environmental Sustainability Committee, a new committee for environmental and energy issues. Eight committee members to be appointed by the City Council based on their interest in and experience with environment sustainability issues.

Of the eight positions, four city residents will be appointed on an "at-large" basis. The balance of the committee will be comprised of one city resident who serves as the recycling coordinator of her/his civic association and three members of the city business community. (For the latter, city residency is not required, but the individual's business must be located

in the city.)

The committee is expected to meet bi-monthly and will be tasked with submitting an annual report to the City Council that includes findings on the current condition of the city's environmental resources; proposed policies and programs that support the preservation, protection and enhancement of the city's environmental resources; and evaluation as to the effectiveness of existing programs and policies to protect the environment. For information, call 703-385-7816.

Interested citizens may apply to the City Clerk at City Hall by October 30. For information, call 703-385-7935.



## NEWS & NOTES

### Emergency Preparations Important for Pandemic Flu, Other Situations

Experts agree: emergency preparation is essential to face any situation, from the flu to fire to hurricanes.

Residents should be prepared for both evacuation and to stay in place, depending on the emergency. For information on building an emergency preparedness kit, call the Office of Emergency Management at 703-385-4856 or visit the city's Web site.

To help avoid infection from any communicable diseases, including influenza, people are encouraged to wash their hands frequently and thoroughly with soap and hot water. Spend ample time sudsing — and to make sure, recite the entire alphabet before rinsing.

While antibacterial hand cleansers are an alternative, nothing replaces the effectiveness of soap and water. Also, learn and teach others to sneeze and cough into their sleeves or elbows instead of their hands. For information, call 703-246-2411 or visit [www.fairfaxcounty.gov/ind](http://www.fairfaxcounty.gov/ind).

### City Recognized for Parks, Event Promotion

The City of Fairfax Parks and Recreation Department has received statewide recognition for its facilities and its promotion of a city-sponsored event. The Virginia Recreation and Park Society (VRPS) awarded the city its 2009 Best New Facility Award for Stafford Drive Park, 2009 Best New Renovation/Addition Award for Draper Drive Park and 2009 Best Promotional Award for last year's Fall Festival Guide.

This organization last year awarded the city its Best Promotional Award for the 2008 Independence Day Brochure.

VRPS is an educational and professional organization of park, recreation and leisure service program providers throughout Virginia. For information, call 703-385-7858.

## Path Installed in Ted Grefe Park

The city recently completed a walking trail through one of its newer parks.

The wood chip path through Ted Grefe Park (pictured, below) connects Mosby Road to Stoughton Road and provides easier access for Orchard Knolls



residents to Burke Station Road and Route 236/Main Street.

The Parks and Recreation Department crew cut the trail through Ted Grefe Park, laid wood chips and planted native plants. The wood chips were donated by J & L Tree Service.

The 2-acre park is one of the open space parcels purchased by the city in recent years that was preserved in its natural state.

The city has nearly three dozen parks, open spaces and schools for recreational use.

A list of park and recreation facilities is available on the city's Web site and in the *Community Handbook*. For information, call 703-385-7858. (Photo by Chris Cohen, City of Fairfax)

## General Election Set for November 3; Voter Registration Ends October 5

City voters may exercise their right to vote in the November 3 General Election. Polls will be open from 6 a.m. to 7 p.m. Sample ballots will be available before the election at the General Registrar's Office and on the city's Web site.

To be eligible to vote in the November 3 General Election, voter registration applications are due by 5 p.m. October 5. The Registrar's Office is open from 8:30 a.m. to 5 p.m. weekdays.

Those unable to vote November 3 may be eligible to vote absentee. In-person absentee voting is available from 8:30 a.m. to 5 p.m. weekdays (excluding

holidays) and on two Saturdays — October 24 and 31 — at the Sisson House next to City Hall.

Mailed or faxed absentee ballot applications must be received by 5 p.m. October 27. The final day for in-person absentee voting is October 31.

Polling stations are fully accessible to voters with disabilities.

City voters should be certain their voter information is current, and any changes should be shared with the General Registrar right away. For information, visit the city's Web site or call 703-385-7890.

## Community Invited to Mason's Lectures, Stargazing

George Mason University offers the community a myriad of events and programs on the Fairfax campus.

The Astronomy Department offers informal night sky observing sessions in the new observatory in the Research 1 building October 6 and 20; November 3 and 17; and December 1. Sessions may be cancelled due to inclement weather. For information, visit [www.physics.gmu.edu](http://www.physics.gmu.edu) or call 703-993-1276.

The 2009-10 Vision Series continues October 19 with "How We Learn: Human Exceptionality and Cognition" by Mason Professor Margo A. Mastroiери.

Upcoming lectures include "What Happens When Water Is Cleaner? Tracking Transitions in Global Health" Novem-

ber 9 and "Racial Politics in a 'Post Racial' America" December 7.

Lectures are held at 7 p.m. at the Center for the Arts. Admission is free, but tickets are required. For information or a complete schedule, call 703-993-8888 or visit [www.gmu.edu/cfa](http://www.gmu.edu/cfa).

The Town-Gown meeting series continues at 7 p.m. December 9 in the City Hall Annex. These quarterly meetings provide the public with an opportunity to ask questions and find out what's happening at the university. Meetings are scheduled to continue in 2010: March 10, June 9, September 8 and December 8. For information, visit the Town-Gown section of the city Web site or call 703-385-7850.

# Don't Bag It! Leaf Collection Begins November 2

The City of Fairfax will offer curbside leaf collection from November 2 through December 31.

Light yard debris (such as grass clippings and weeds) may be included in leaf piles.

However, please keep stones, branches and other large items out of leaf piles — they damage equipment and endanger workers' safety.



The city is divided into six sections, and leaves are collected in ro-

tion by neighborhood. Trucks circulate through neighborhoods at least once every two weeks, often more frequently. Heavy leaf fall or inclement weather may affect leaf collection.

Help the city reduce labor, save time and conserve fuel — *please have all leaves at the curb by December 18* for prompt and efficient removal. Also, consider composting to reduce the amount of yard debris.

The city is among the only local jurisdictions to provide this service at no additional charge to its residents. For information, call 703-385-7995.



## ALMANAC

### Place All Recyclables in One Container

Residents with curbside collection of trash and recyclables by the city may place all recyclables in the blue recycling containers. There is no need to separate items in the container.

### Cool Fireplace Ashes for Safety

Improper disposal of fireplace ashes can cause injury and property damage. Even after the fire is gone, ashes retain heat and embers for as long as three days.

Dispose of fireplace and barbecue ashes in a metal container with a tight-fitting lid (to keep out air) or leave them to cool in the fireplace for at least three days. For information, call 703-385-7830.

When ashes are completely cold, they may be placed in the trash for disposal.

Fireplace ashes are beneficial for compost piles. Call 703-385-7995 for composting information.

### Contractors Must Carry Away Their Own Debris

The city provides trash, recyclables and debris collection for city residents. Residents who have debris from do-it-yourself home improvements may place their debris at the curb for collection.

Those who hire builders and contractors — even gardeners — must make sure these contractors remove all debris from the property themselves.

The city will not dispose of refuse generated by contractors.

**To assist citizens with refuse and recyclables disposal, the city has published *How to Dispose of Items in the City*. For a copy, visit the city's Web site or call 703-385-7855.**

**INFORMATION: 703-385-7995**

## Environmental Sustainability Committee Applications Accepted Through November

City residents and business people are encouraged to participate in the Environmental Sustainability Committee, a newly established committee that focuses on city-related environmental and energy issues. Eight committee members will be appointed by the City Council based on their interest in and experience with environment sustainability issues.

The committee is expected to meet bi-monthly and will be tasked with submitting an annual report to the City Council that includes findings on the current condition of the city's environmental resources; proposed policies and programs that support the preservation, protection and enhancement of the

city's environmental resources; and evaluation as to the effectiveness of existing programs and policies to protect the environment. For information, call 703-385-7816.

Of the eight positions, four city residents will be appointed on an "at-large" basis. The balance of the committee will be comprised of one city resident who serves as the recycling coordinator of her/his civic association and three members of the city business community. (For the latter, city residency is not required, but the individual's business must be located in the city.) Applications will be accepted through November by the City Clerk. For information, call 703-385-7935.

## Real Estate Tax Bills Mailed This Month; City Offers Real Estate Tax Relief Options

City of Fairfax real estate tax bills will be mailed in November and are due December 7. Property owners who pay the real estate tax directly and do not receive a tax bill should call 703-385-7904. Residents who receive a real estate tax bill and whose mortgage company escrows the payment should immediately forward the bill to their mortgage company. For information, call 703-385-7904.

The city continues to offer real estate tax relief options to qualified senior citizens and homeowners with disabilities:

- *basic tax relief*, either full or partial;

- *tax deferral*, deferring payment of real estate taxes to a future date;
- *tax freeze*, freezes the amount of real estate tax assessed in the year in which the taxpayer initially applies and becomes qualified; or
- *combination tax freeze and deferral*.

Qualifications for the real estate tax relief program have changed for 2010. An information sheet will be sent with real estate tax assessment notices in February 2010.

For information, visit the city's Web site or call 703-359-2486.

# City Provides Relief for Real Estate Tax, Rent



## ALMANAC

The City of Fairfax provides real estate tax relief and rental assistance for senior citizens and homeowners and tenants who are permanently or totally disabled.

Those receiving public assistance other than this program do not qualify.

For real estate tax relief, the combined gross income limit is \$52,000 and the current asset limit is \$340,000. Different types of real estate tax relief are granted on a sliding scale based on income.

Qualified homeowners may choose from the following program options:

- *basic tax relief*, which allows either full or partial tax relief;
- *tax deferral*, which allows participants the option of deferring payment of real

estate taxes to a future date;

- *tax freeze*, which freezes the amount of real estate tax assessed in the year in which the taxpayer initially applies and becomes qualified; or
- *combination tax freeze and deferral*.

The city will mail program information with tax assessment notices in February. Applications are available from the Finance Department in City Hall. For information, call 703-385-7870.

Rent relief is available for senior citizens and renters with permanent or total disabilities. The maximum income level is \$40,000 and the assistance is a single payment of \$420 per year. Applications are available from the Finance Department. For information, call 703-359-2486.

### Keep Cell Phones Out of Trash

Rather than throw out an older cell phone, consider giving it a new life. Used cell phones are collected and re-programmed with emergency numbers for women seeking help in abusive relationships. Drop them off at the Police Station, 3730 Old Lee Highway (703-385-7960), or in Room 316 in City Hall (703-385-7894).

Please consider the safety of city refuse workers — during periods of snowfall and ice accumulation, please make sure the path to refuse containers is safe and accessible.

## New Recycling Laws Require Business to Submit Reports in March

City business owners are reminded that mandatory recycling is in effect for all businesses of all sizes, and that a report on their recycling is due in March.

The law that went into effect in April 2009 mandates all businesses submit an annual report to the city on the amount of recycling their business generated. The city will send an informational flyer to businesses answering frequently asked questions about this new requirement.

The report will detail actual or estimated weight or volume of recycled materials. Businesses can obtain that information directly from their recycling vendors.

This report must be submitted through the city's Web site using a form

provided on the city's recycling page at <http://fairfaxva.gov/Refuserecycling/CommercialRecycling.asp>. The report must be filled out *only during the month of March*.

All businesses that have a city business license are required to submit this report except for individuals who serve as landlords for residential property and home-based businesses that use the city's residential recycling program also are exempt; the city already includes their information in the annual municipal recycling report. (Businesses must obtain permission to use the city's recycling site; call 703-385-7837.)

Complete regulations are on the city's Web site. For information, call 703-385-7837.



## Public Hearing on Kamp Washington Improvements Planned for February 9

The City Council will hold a public hearing at its February 9 meeting regarding proposed improvements to the Kamp Washington intersection.

This project will reconfigure the intersection to allow concurrent dual left turns and improve the level of service of the intersection. Additional proposed project elements include relocation of the existing traffic signal from the southeast shopping center entrance (near CVS/

Office Depot) to Fern Street, improved pedestrian facilities throughout the project limits, replacing existing span wire signals with mast arms, and extending a third southbound lane to Route 29/ Lee Highway departing the intersection.

A map will be posted on the city's Web site and will be available for viewing in the Public Works Department, Room 200 in the City Hall Annex.

For information, call 703-385-7889.

### Christmas Trees Recycled in January

Put Christmas trees to good use by recycling them into mulch. After all decorations are removed, place the tree separate from refuse at the curb on the regular collection day.

### Drop Off Rechargeable Batteries at Recycling Center

Rechargeable batteries now may be dropped off in a bin at the Recycling Center, 3410 Pickett Road.

Regular household batteries may be placed in household trash.

The center is open 24 hours a day, seven days a week for drop-off of numerous materials.

To assist citizens with refuse and recyclables disposal, the city has published *How to Dispose of Items in the City*. For a copy, visit the city's Web site or call 703-385-7855.

INFORMATION: 703-385-7995

# City's Real Property Tax Base Decreases in 2010

The city's real property tax base is projected to decrease by about 7.5 percent for 2010. This decrease reflects general downturns in both the residential and commercial market sectors.

Real estate assessment notices, which will be mailed in mid-March, will reflect an overall projected decrease of about \$399 million in assessed value.

Residential assessments, which constitute roughly 61 percent of all assessments, will decrease by about 5 percent overall this year.

Existing single-family property assessments are expected to decline 5 percent on average, ranging from a 2 percent decline in some neighborhoods to as much a 14 percent decline in others.

Residential condominiums are expected to decrease by 16 percent on average. Townhomes, which have fared better, will see only a 4 percent drop on average.

Commercial real estate assessments, which constitute roughly 39 percent of all assessments, will decrease by about 11 percent overall this year. The values of commercial condominium units are expected to decrease nearly 2 percent on average, and rental office building values are expected to decrease 14 percent

on average. Values on retail and other non-office commercial properties should decrease by about 12 percent overall. In contrast, vacant commercial land will actually increase in value by about 10 percent.

Commercial development in the downtown and Fairfax Boulevard areas, newly constructed homes, and residential and commercial renovations have added an estimated \$18 million to the property tax base this year.

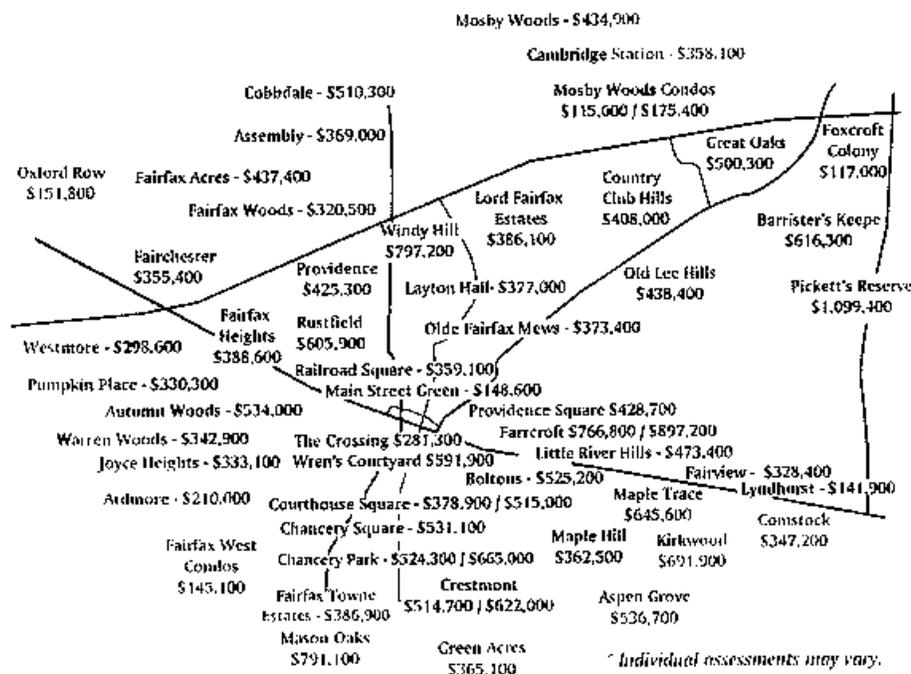
Revenues projected from real estate assessments are central to the city's annual budget. The City Council will set the 2010 tax rate during the budget process, which begins March 9. The tax rate determines the amount of real estate taxes paid for the calendar year.

Real estate assessments, made each year, are effective January 1. Virginia law requires that the assessed values of real property reasonably reflect fair market value as indicated by recent sales, and must be equitable with the assessments placed on comparable properties.

Real estate assessments, sales information, appeal forms, instructions and more are accessible 24 hours a day through the city's Web site.

For information, visit the city's Web site or call 703-385-7840.

## 2010 Projected Average Residential Assessments\*



## ALMANAC

### Plan for Spring Cleanup in April

April is Spring Cleanup Month in the city and Spring Cleanup Day is April 24. Ample opportunities abound for participation.

Residents, business owners, homeowners and community groups may sign up to clean a particular spot in the city. In return, the city will provide all materials and support. To sign up, call 703-385-7995.

### Electronics Recycling Offered March 28

City residents are invited to dispose of electronics for free on Electric Sunday Computer and TV Recycling Event held monthly through November at the I-66 Transfer Station, 4618 West Ox Road.

The next Electric Sunday will be held from 10 a.m. to 3 p.m. March 28 at the I-66 Transfer Station.

Items that will be accepted include computers, televisions, fax machines, photocopy machines, VCRs, cell phones, scanners, calculators and test equipment.

For security purposes, make sure to erase or reformat computer hard drives before recycling — and consider removing or destroying them.

While dropping off electronics items, also consider dropping off any household hazardous waste at the same location, such as automotive fluids (oil, brake fluids), rechargeable batteries, cleaning products (rust remover, polishes) and fluorescent light bulbs.

For information, visit the recycling page on the Fairfax County Web site or call 703-324-5052.

To assist citizens with refuse and recyclables disposal, the city has published *How to Dispose of Items in the City*. For a copy, visit the city's Web site or call 703-385-7855.

INFORMATION: 703-385-7995



# Cityscene

[www.fairfaxva.gov](http://www.fairfaxva.gov)

A Report to the Citizens of the City of Fairfax



## DATELINE

### CUE Bus Fares Increase Begins April 1

Effective April 1, the City of Fairfax CUE Bus fares will increase to \$1.45 per person (\$1.35 with SmarTrip card). Elementary and high school students, riders with disabilities and senior citizens with valid ID will ride for 75¢.

Children age 3 and younger still will ride for free, as will George Mason University students, staff and faculty with ID. For information, call 703-385-7859.



is April 16 through May 3 — see the program included with this newsletter!

### Make Fairfax Count: Participate in the U.S. Census

Every household in the City of Fairfax has received a 2010 U.S. Census form. Help the city receive an accurate count by returning the form right away. This helps ensure Fairfax is accurately counted for elected representation, planning and funding for government services and programs, and more.

Census responses are confidential. By law, the Census Bureau cannot share Census forms with any other government agencies or law enforcement. For information, visit [2010.census.gov](http://2010.census.gov) or call (866) 872-6868.

If you're new to the city, welcome!  
Call 703-385-7855  
for new resident information.

## City Provides Special Services For Spring Cleanup

April is Spring Cleanup Month in Fairfax, and the city provides many services to assist with spring cleaning. For information, call 703-385-7995.

**Cleanup Day** — Residents, business people and community groups can help the city spruce up for spring by cleaning up their neighborhoods or any public areas in the city. Choose Spring Cleanup Day April 24, or any day in April. The city will provide trash bags and will collect the used trash bags on Spring Cleanup Day.

**Leaf collection** — Leaves will be collected curbside April 1-30. Please rake loose leaves to the curb during that period. Bagged leaves will not be collected during that time.

**Curbside collection** — Yard waste, including grass clippings and weeds, is

collected from the curb on the same day as regular trash and recyclables collection. Place organic materials in containers marked "yard waste" or in bags.

**Backyard composting** — Residents can greatly reduce their trash output and save money on mulch by setting up a composter in their backyard. It's quick to set up, easy to maintain and a fabulous source of organic mulch — plus, you'd be amazed at what all can go into a compost pile. Call 703-385-7995 for information on backyard composting.

**Don't bag it** — To save time and money, leave grass clippings on the lawn. Clippings can supply as much as 25 percent of the lawn's fertilizer requirements.

Use a mulching mower, or mow every five to seven days so grass clippings will be short enough to blend in.



Cityscreen-12 celebrates its 25th anniversary! See page 6 for information (and page 5 for the station's program schedule).

## Public Encouraged to Participate in Budget Process, Which Continues Through April 29

The City Council continues reviewing the proposed 2010-11 fiscal plan, which is scheduled to be adopted at the City Council's April 29 meeting.

The City Council has encouraged the public to review the proposed budget and provide them with feedback. The City Council will discuss the proposed budget at the April 6 work session, and the public may address the City Council on the matter at the public hearing during the

April 13 City Council meeting.

There are many ways to contact the City Council: e-mail, phone, mail, messages, meetings. For information, visit the city's Web site or call 703-385-7850.

Fairfax community members are encouraged to review the budget, which includes descriptions, goals and objectives and funding for all departments and programs. For information, visit the city's Web site or call 703-385-7864.

# City's Real Estate Assessments Offer Accurate Home Values

The Real Estate Assessments Office has finalized the 2010 Land Book, which provides assessed value, taxes and ownership for every parcel in the city. Updated annually, it is available for viewing in Room 238 in City Hall.

Staff now are analyzing sales data, income and expense information (for commercial properties), and market trend information, to calculate assessments for 2011.

Accuracy of assessments typically is measured by comparing assessed value to actual sale price for properties sold during a specific time period. The Virginia Department of Taxation's preliminary comparison of 2010 assessments to recent sales showed the city's median ratio fell into the range of 95-98 percent, which is considered ideal.

Assessment/sales price ratio studies take into account only bona fide property sales, and not distress-related transfers (e.g. related to foreclosure).

Foreclosure-related transactions include court-ordered sales by public auction, short sales and bank sales. Auction sales rarely are used for assessments because the high bidder usually is the financial institution and the bid amount is the amount of the defaulted loan. Short sales and bank sales are used only if key elements of a "market value" transaction are met.

Foreclosure-related sales often affect the marketplace and assessments indirectly. They may be so numerous that traditional sellers are forced to lower sale prices in order to sell their properties.

For information, call 703-385-7840.

## Interest-Free Loans Available for Renovating Older City Residences

detached single-family homes displaying obsolescence, deterioration

owner-occupied home is 10+ years old

two-year loans not income-sensitive

Other qualifications may apply

Provided by Fairfax Housing Renaissance Corporation • Information: 703-385-7805

## New Budget Maintains Services in the Face of Challenging Economy

The City Council approved the city's \$109.4 million general fund operating budget for fiscal year 2010-11, a decrease of .8 percent from the current budget.

The real estate tax rate was set at 95.5¢ per \$100 of assessed value, an increase of 7.5¢. Homeowners' tax obligations will increase by 2.6 percent, or roughly \$100, for a residence valued at \$400,000. Commercial assessments will decrease by about 3 percent this year.

The City Council set the commercial real estate tax rate at 5.5¢ per \$100 of assessed value, a decrease of 2.5¢ from last year's rate, to exclusively fund new transportation projects. Old Town Service District tax remains unchanged at 6¢ per \$100 of assessed value.

The city's tobacco tax rate will increase from 75¢ to 85¢ per pack. The

personal property tax rate remains \$4.13.

Approved increases in water rates (7.5 percent) and sewer rates (12 percent) will fund significant capital projects, and additional debt service costs related to the city's share of Fairfax County wastewater plant upgrades (\$22 million). The CUE Bus fare will increase by 15¢ to \$1.60, following Metro's adopted fare increase effective July 1.

There will be four additional full-time city positions: two for the city's new Community Center, scheduled to open in January 2011, and two for the Utilities Department. City employees did not receive market adjustment/COLA or merit/step increases this year.

The adopted budget will be available after July 1; visit the city's Web site. For information, call 703-385-7870.



## ALMANAC

### Keep Bones, Meat Out of Compost Piles

Compost piles recycle organic waste, reduce the amount of trash at the curb and provide natural and healthy fertilizer.

The types of items that should be put in compost piles include leaves, grass clippings and other yard waste; apple cores, potato peels and other organic debris.

Please refrain from putting the following types of items in a compost pile: animal meat and organs; bones; and vegetables with dressing or oils. These attract animals and do not decompose.

Composting information is available from the Public Works Department; call 703-385-7995.

To assist citizens with refuse and recyclables disposal, the city has published *How to Dispose of Items in the City*. For a copy, visit the city's Web site or call 703-385-7855.

INFORMATION: 703-385-7995

### Water Quality Report Mailed in June

This month, the City of Fairfax Utilities Department will mail its *Annual Drinking Water Quality Report* to its customers and post it on the city website. The report notes that city drinking water quality meets or exceeds federal and state water standards and regulations.

The city owns and operates its own water supply system, a 200 million gallon primary raw water reservoir, a 1.3 billion gallon supplementary reservoir and a water treatment plant on Goose Creek in Loudoun County.

Tests are performed by the city daily and by state certified laboratories. These test results also are given to the Virginia Department of Health, which regulates drinking water systems in the commonwealth. For information, call 703-385-7920.

x

# FairfaxCityPatch

VOLUNTEERS IN THE NEWS

## Community Comes Together to Clean Accotink Creek

Volunteers came out Saturday to help clean up the Fairfax City portion of the watershed.

By Chris Steuble November 21, 2010

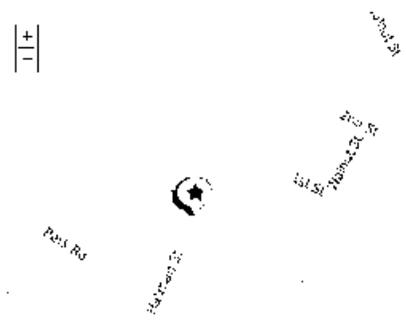
Every third Saturday of the month, Fairfax City residents gather at Hallman and Main Streets to clean trash

"I used to live across the street," said Ashley Stanton of the Northern Virginia Conservation Trust at a cleanup of invasive plants and there was also a lot of trash. This project was a good way for me to attack watershed in my community."

The 51-mile creek is the second largest watershed in Fairfax County. As more people started living and working to accommodate the increasing populations. Impervious surfaces, like parking lots and streets, prevent the runoff can send sediment from eroding banks and chemicals from fertilized backyards down the creek and into Chesapeake Bay.

Accotink Creek cleanup volunteers hope they help the creek catch up to decades of population growth and destruction to get involved.

6 of 21



Map data © OpenStreetMap contributors, CC-BY-SA



Taken at the monthly Accotink Creek Cleanup on Saturday. Credit: Chris Steuble

Share

### PHOTOS



**Appendix C-2**

**Exhibits for Minimum Control Measure # 2- Public Participation:**

Example of sticker for storm drain markings in the City of Fairfax

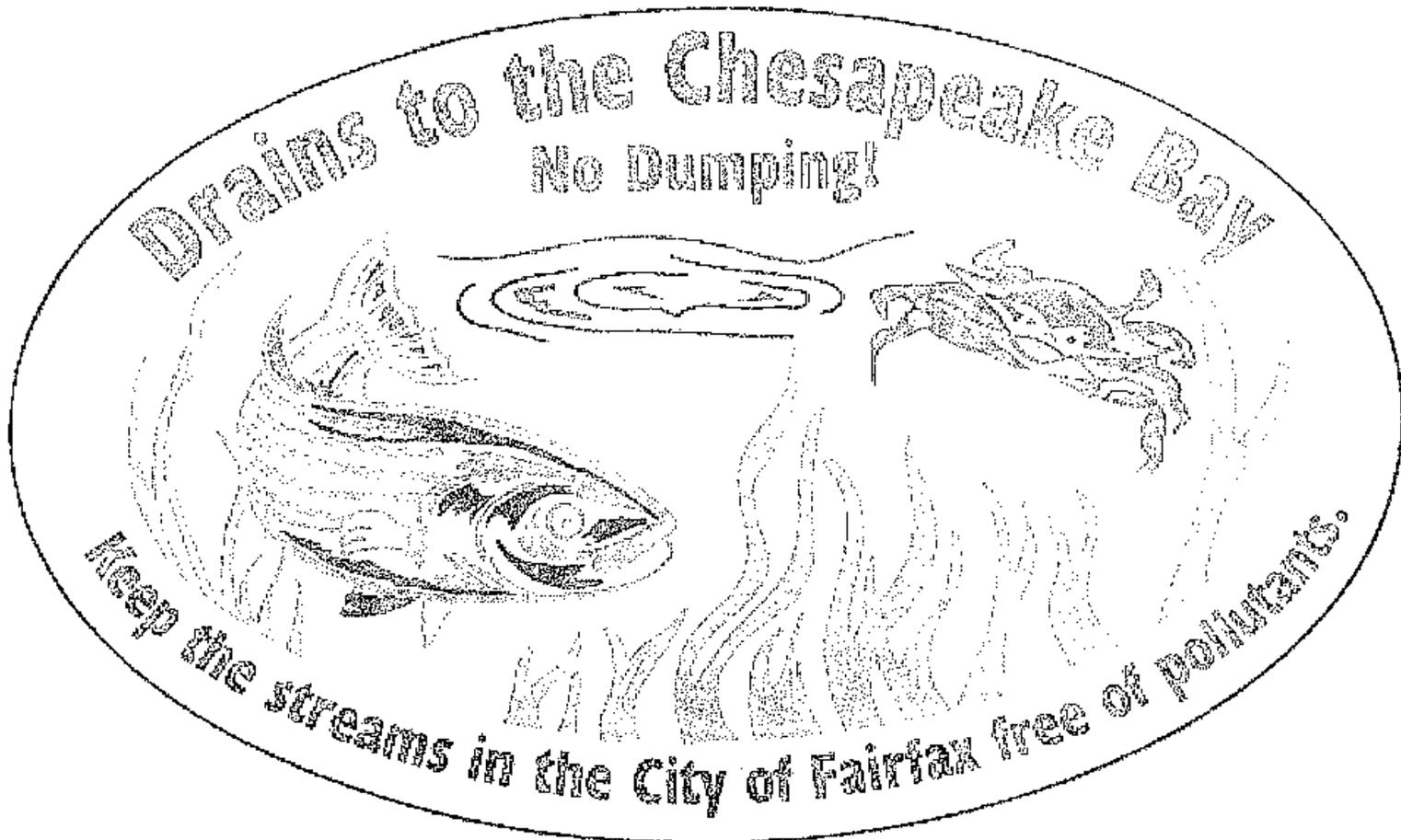
City of Fairfax Article: Students making a difference in the City of Fairfax

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**STUDENTS making a difference in the City of Fairfax**

**Environment**

- Environment- Home Page
- Flood Plains
- Streams
- Storm Water Management
- Watershed Management Planning
- Chesapeake Bay Ordinance
- Green Building and Climate
- Protection Strategies for City Development

**Home Energy Use**

- Energy Saving Tips for Homeowners
- Efficiency Rebate Program

**Protecting Our Water Resources**

- Protecting Our Water Resources
- Reporting Illicit Discharges
- What Citizens Can Do
- Virginia Pollution Discharge Elimination System Permit

**Students making a difference**

- Students & Community
- What Kids Can Do
- Website Links for Students

What can kids do to protect our water resources?

Helpful Student Links: here are some ways to get involved starting today!  
For More Information

.....



Photo of teacher & students at Daniels Run Elementary installing a storm drain marker. Provided by Mrs. L. Hayes

**Relevant Links**

- Public Works
- Council of Governments

**What can kids do to protect our water resources? ▲**

- Clean up after your pets- Pet waste that is not disposed of properly may wash into the nearby storm drains and into the local waterways. Dog waste adds harmful bacteria and nutrients to the streams that can be harmful to humans, pets and wildlife.
- Never put anything down a storm drain- (those big holes in the curbs). Storm drains lead directly to the city's creeks and streams. Get your school, youth group or family to volunteer to place storm drain markers on storm drains in your neighborhood. The markers, designed by students at Daniels Run Elementary School, help to educate residents about the importance of not dumping anything down the storm drains. Contact the Special Projects Engineer at 703-385-7816 for more information on how you can help.
- Report dumping activities- If you see anyone dumping materials into the storm drain or stream, contact the City of Fairfax Fire Marshall at 703-385-7830 or the Police Department at 703-385-7924.
- Don't litter!- This means that you should never throw any trash (like cups, paper, tissues and candy wrappers) on the ground. Ask your family members not to litter too. When it rains the litter washes down the storm drains to the city's streams where it degrades the quality of the water and can harm animals.
- Compost or properly dispose of leaves and grass clippings- Keep your leaves and grass clippings out of the streets so that they do not end up washing into the storm drain inlets.

**Helpful Student Links: here are some ways to get involved starting today! ▲**

- Virginia Department of Environmental Quality [www.deq.virginia.gov/kids/](http://www.deq.virginia.gov/kids/)
- Chesapeake Bay Program [www.chesapeakebay.net/index\\_students.cfm](http://www.chesapeakebay.net/index_students.cfm)
- US Environmental Protection Agency [www.epa.gov/students/](http://www.epa.gov/students/)

**FOR MORE INFORMATION ▲**

Thank you for interest in helping the City of Fairfax protect our streams and the environment. If you would like additional information on the City's environmental programs or on how you can help, contact:

City of Fairfax, Virginia  
Department of Public Works  
10455 Armstrong Street  
Fairfax, Virginia 22030

Phone: (703) 385-7816  
Fax: (703) 591-5727  
E-mail: [SpecialProjectsEngineer@fairfaxva.gov](mailto:SpecialProjectsEngineer@fairfaxva.gov)

 **City Hall**  
10455 Armstrong St.  
Fairfax, Virginia 22030  
Other Gov't Offices.

Information Provided by Special Projects Engineer; 703.385.7816  
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**Appendix C-3**

**Exhibits for Minimum Control Measure #3- illicit Discharge Detection and Elimination:**

City of Fairfax website " Reporting Illicit Discharges"

City of Fairfax Fire Department Office of the Fire Marshall- Spill or release report for hazardous materials



List of Services



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- [Streams](#)
- [Storm Water Management](#)
- [Watershed Management Planning](#)
- [Chesapeake Bay Ordinance](#)
- [Green Building and Climate](#)
- [Protection Strategies for City Development](#)

**Home Energy Use**

- [Energy Saving Tips for Homeowners](#)
- [Efficiency Rebate Program](#)

**Protecting Our Water Resources**

- [Protecting Our Water Resources](#)
- [Reporting Illicit Discharges](#)
- [What Citizens Can Do](#)
- [Virginia Pollution Discharge Elimination System Permit](#)

**Students making a difference**

- [Students & Community](#)
- [What Kids Can Do](#)
- [Website Links for Students](#)

**Reporting Illicit Discharges**

If you are aware of any discharges into storm sewers, city streams or even on roads that appear to be of a chemical nature including all or any hazardous substances that should not be allowed into the city streams please contact at the [Virginia Department of Environmental Quality](#) immediately or 703-583-3800. In addition, please also contact the City of Fairfax Fire Marshall at 703-385-7830 or the Police Department at 703-385-7924.

**Relevant Links**

- [Public Works](#)
- [Council of Governments](#)

**City Hall**  
 10455 Armstrong St.  
 Fairfax, Virginia 22030  
 Other Gov't Offices.

Information Provided by **Special Projects Engineer**; 703.385.7816  
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**CITY OF FAIRFAX FIRE DEPARTMENT  
OFFICE OF THE FIRE MARSHAL  
SPILL OR RELEASE REPORT  
FOR HAZARDOUS MATERIAL INCIDENT**

---

Date of Event: «INCIDENT\_DATE»      Date of Report: \_\_\_\_\_

Time of Event: «DISPATCH\_TIME»      Location of Incident: «LOC\_NUMBER» «LOC\_STREET»  
«LOC\_UNIT» «FULL\_ADDRESS»

F.D. Incident Number: «FD\_INCIDENT »      Companies Responding: «COMPANIES\_RESPONDING»

Investigation Number: «FM\_REPORT »

Type of Incident: «TYPE\_OF\_INCIDENT»

Product released: «ORG\_PRODUCT»      Amount: «ORG\_AMOUNT»

-----

What happened to cause the release or spill: «ORG\_CAUSE»

Responsible Party: \_\_\_\_\_

How many injuries occurred during this event if any: «INJ\_CIV» Civilians, «INJ\_FF» Fire Fighters.

What area was affected by this event? \_\_\_\_\_

What corrective action has been initiated? «INCIDENT\_NOTES»

Where facility procedures violated? \_\_\_\_\_

Was a Fire Code Notice of Violation Issued: «NOTICE\_GIVEN»      Section: «CODE\_SECTION»

Photos taken: «PHOTOS\_TAKEN»      Evidence Taken: «EVIDENCE\_TAKEN»

Weather Conditions: «WEATHER», «TEMPERATURE» °F

Status: «DAT\_FM\_ACTION»      Final Action: «DAT\_FINAL\_ACTION»

What other agencies have been notified: «What\_other\_agencies\_have\_been\_notified»

F.D. Units on scene: «COMPANIES\_RESPONDING»

Amount expended: \$ «DOL\_EXPENDED\_BY\_CITY»      Amount Recovered: \$ «DOL\_RECOVER»

Total property loss: \$ «DOL\_TOTAL»

-----

This report filed by: «FM\_Investigator\_Name»

Signature of Investigator: \_\_\_\_\_ Date: \_\_\_\_\_

Report reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_

**Appendix C-4**

**Exhibits for Minimum Control Measure #4- Construction Site Stormwater Runoff Control:**

City of Fairfax, Department of Public Works- Inspection Report Example  
City of Fairfax, Department of Public Works- Notice to Comply Example  
City of Fairfax, Department of Public Works- Stop Work Order Example  
City of Fairfax, Department of Public Works- Notice of Work Permit Suspension Example  
City of Fairfax, Department of Public Works- Erosion and Sediment Control Ordinance  
Summons Example  
City of Fairfax Land Disturbance Permits Approved in August 2009 Table  
City of Fairfax Land Disturbance Permits Approved in December 2009  
City of Fairfax Land Disturbance Permits Approved in February 2010  
City of Fairfax Land Disturbance Permits Approved in March/April 2010  
City of Fairfax Land Disturbance Permits Approved in May/June 2010

ig No: VN05XXXX



**City of Fairfax  
Department of Public Works**

10455 Armstrong St  
Fairfax, VA 22030  
703 385 7828

Date Issued:  
01/01/05

# INSPECTION REPORT

To:

An inspection of the site at Location/Address on 01/01/05 revealed the presence of the following violation(s):

[Redacted area for violation details]

The following corrections are required:

[Redacted area for correction requirements]

Notice is hereby given that the violations stated above shall be corrected on or before 01/01/05 at 9:00 AM.  
The site will be reinspected at that time.

Failure to address the above violation(s) will result in a Notice to Comply and/or Stop Work Order being issued.  
Please contact this department if there are any questions.

Inspector \_\_\_\_\_

Program \_\_\_\_\_  
Administrator Satoshi Eto

Filing No: VN05XXXX

**City of Fairfax  
Department of Public Works**

Date Issued:  
01/01/05

10455 Armstrong St  
Fairfax, VA 22030  
703 385 7828



**NOTICE TO COMPLY**

To:

An inspection of the site at Location/Address on 01/01/05 revealed the presence of the following violation(s):  
A Inspection Report was sent on 01/01/06.

[Redacted area]

The following corrections are required:

[Redacted area]

Notice is hereby given that the violations stated above shall be corrected on or before 01/01/05 at 9:00 AM.  
The site will be reinspected at that time.

Failure to comply with this notice will result in a Stop Work Order, revocation of your work permit, or legal enforcement action by the City of Fairfax to implement the appropriate corrections. City work forces may opt to correct the violation(s), and the associated costs will be deducted from bond or billed to the owner/addressee or permit holder. Please contact this department if there are any questions.

Inspector \_\_\_\_\_

Program Administrator \_\_\_\_\_  
Satoshi Eto

NOTE: A copy of this notice will be posted at the site of infraction within 3 business days of issuance date. An original will follow via certified mail.  
White: Permit Holder/Addressee      Yellow: Inspector      Pink: File

Filing No: VN05XXXX

**City of Fairfax  
Department of Public Works**

Date Issued:  
01/01/05

10455 Armstrong St  
Fairfax, VA 22030  
703 385 7828



# STOP WORK ORDER

To:

An inspection of the site at Location/Address on 01/01/05 revealed the presence of the following violation(s).  
A Notice to Comply was issued on 01/01/05.

**You are hereby ordered to stop all land-disturbing activities on the above referenced project until the specified corrective measures have been taken.** If work is not begun to correct this violation by 01/01/05, further legal action will be taken. Upon completion of the corrective action, the order shall be immediately lifted.

**The following corrections are required:**

Please contact this department if there are any questions.

Inspector \_\_\_\_\_

Program Administrator \_\_\_\_\_  
Satoshi Eto

Filing No: VN05XXXX

Date Issued:

01/01/05



**City of Fairfax  
Department of Public Works**

10455 Armstrong St  
Fairfax, VA 22030  
703 385 7828

**NOTICE OF  
WORK PERMIT SUSPENSION**

To:

---

An inspection of the site at Location/Address on 01/01/05 revealed the presence of the following violation(s).  
A Notice to Comply was issued on 01/01/01.

[Redacted area]

**The work permit pertaining to the above address/location is hereby suspended until further notice/date.**  
Please contact our offices to discuss the terms of reinstatement of this work permit. Continuing work in disregard of this notice at the above address/location will be considered performing work without a permit and further legal action will be taken.

Inspector \_\_\_\_\_

Program Administrator \_\_\_\_\_ Satoshi Eto

Filing No: VN05XXXX

# City of Fairfax

Date Issued:  
01/01/05



## EROSION AND SEDIMENT CONTROL ORDINANCE SUMMONS

To: \_\_\_\_\_

You are charged with violating Virginia Erosion & Sediment Control Law as follows:

Location of Violation: Location/Address

Description of Violation: \_\_\_\_\_

**Violation of:**

VESCL 10.1-663: Land Disturbing Activity without permit/approved plan. \$1,000.00/day

**State Minimum Standards (4VAC50-30-40). \$100.00/day per violation**

- |   |   |
|---|---|
| <input type="checkbox"/> MS-1: Permanent/temporary soil stabilization                   | <input type="checkbox"/> MS-11: Adequate outlet/channel protection.           |
| <input type="checkbox"/> MS-2: Soil stockpile stabilization                             | <input type="checkbox"/> MS-12: Live watercourse protection                   |
| <input type="checkbox"/> MS-3: Permanent vegetative cover                               | <input type="checkbox"/> MS-13: Live watercourse crossing                     |
| <input type="checkbox"/> MS-4: Sediment controls first step in land disturbing activity | <input type="checkbox"/> MS-14: Live watercourse regulations                  |
| <input type="checkbox"/> MS-5: Earthen structure stabilization                          | <input type="checkbox"/> MS-15: Live watercourse stabilization                |
| <input type="checkbox"/> MS-6: Storage capacity of sediment traps/basins                | <input type="checkbox"/> MS-16: Underground utility standards                 |
| <input type="checkbox"/> MS-7: Cut and fill slope stabilization                         | <input type="checkbox"/> MS-17: Construction entrance/street condition        |
| <input type="checkbox"/> MS-8: Adequate channel for concentrated runoff                 | <input type="checkbox"/> MS-18: Removal of temporary E&S controls             |
| <input type="checkbox"/> MS-9: Adequate drainage for slope face                         | <input type="checkbox"/> MS-19: Protection of downstream properties/waterways |
| <input type="checkbox"/> MS-10: Storm sewer inlet protection                            |   |

**Penalty: \$100.00**

You are required to respond by 01/01/05 in one of the following ways:

- To Pay Penalty and Waive Your Right to a Hearing:
  - Check the "Admit Violation" or "No Contest" box below; checking either of these boxes and signing this ticket is a waiver of trial, is an admission of liability, and has the same force and effect as a court judgment, but is not a criminal conviction for any purpose.
  - Correct the violation and certify that the violation has been corrected by signing below.
  - Make check payable to City of Fairfax. Print filing number noted above on the check. Payment may be made by mail or in person at: Treasurer's Office, City Hall, 10455 Armstrong Street, Room 208, Fairfax, VA 22030.
- To stand trial for the violation(s) shown on this summons:
  - Check the "Contest in Court" box below and mail this completed notice to the Dept of Public Works, City Hall, 10455 Armstrong St. Fairfax, VA 22030

**FAILURE TO RESPOND AS NOTED ABOVE WILL RESULT IN THE ISSUANCE OF A SUMMONS TO APPEAR IN COURT**

COMPLETE AND SIGN:       Admit       No Contest       Contest in Court

Name: \_\_\_\_\_

I hereby certify under penalty of law, that I have answered as indicated above, and have corrected the violation that I have admitted to or for which I have pleaded no contest

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**Certificate of Service**

I personally observed the violation noted and state that I am an employee of the Department of Public Works, that a true copy of this ticket was  mailed to the last known address of the respondent or the respondent's agent and/or  posted at the site of the infraction, and know this ticket to be true to the best of my knowledge.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Director of Public Works \_\_\_\_\_

Date: \_\_\_\_\_

NOTE: A copy of this notice will be posted at the site of infraction within 3 business days of issuance date. An original will follow via certified mail.  
White: Permit Holder/Addressee      Yellow: Inspector      Pink: File

City of Fairfax Land Disturbing Permits  
Approved August 2009

<b>Date</b>	<b>Street Name</b>	<b>Street Number</b>	<b>Owner Name</b>	<b>Telephone #</b>	<b>Project</b>	<b>Permit Type</b>	<b>Disturb Acreage</b>
04-Aug-09	Walters Ct	4020	Rex Boyton, Lynn Boyton	703-303-7848	New Home SFD,	G-Permit	13,492 sq. ft. dist.
11-Aug-09	Second St	10819	Kerry Vornador	703-309-7633	Vision Homes/ new home	G-Permit	8,313 sq. ft. dist.

City of Fairfax Land Disturbance Permits							
Approved February 2010							
Date	Street Name	Street Number	Owner Name	Telephone #	Project	Permit Type	Disturb Acreage
25-Feb-10	Old Lee Hwy	3315	Army Navy Country Club	703-359-5825	Army Navy Country Club Phase III/III	G-Grading Permit	46.42 Acres Dist. Acres

City of Fairfax Land Disturbance Permits  
Approved December 2009

Date	Street Name	Street Number	Owner Name	Telephone #	Project	Permit Type	Disturb Acreage
18-Dec-09	Old Lee Hwy	3730	City of Fairfax	703-385-7893	Stacy C. Sherwood Community Center	G-Permit	2.63 acres dist.
09-Dec-09	Fairfax Blvd	10955	J. Donagan	703-241-1200	Fairfax Pointe	G-Permit	1.16 acres dist

City of Fairfax Land Disturbance Permits						
Approved March, April, 2010						
Date	Street Name	Street Number	Owner Name	Telephone #	Project	Permit Type
17-Mar-10	Chain Bridge Rd	3565	WPJ Fairfax RI, LLC	2196448477	Marriott Resd. Inn	G-Grading Permit
						Dist. Area 2.5531 Acres
26-Mar-10	Chestnut St	4028	Kerry Vornador	70-3097633	Vision Homes, Inc	G-Grading Permit
						11,861 Sq. Ft.
22-Mar-10	Howsen Ave	3707	Chris Alba	703-830-9397	Classic Homes	G-Grading Permit
						0.28 Acres Dist.
30-Apr-10	Fairfax Blvd	9610	Farrish Dodge/Jeep	703-759-2930	Farrish Dodge/Jeep	G-Grading Permit
						0.68 Acres Dist.

City of Fairfax Land Disturbance Permits							
Date	Street Name	Street Number	Owner Name	Telephone #	Project	Permit Type	Disturb Acreage
12-May-10	Main St	10083	Mcshay Communities, Inc	703-719-9805	SFD	G-Grading Permit	0.23 Acres Dist. Area
04-Jun-10	University Dr		Nicholas W. Teare, Resd.	703-585-4732	Filling of Pool & Const.	G-Grading Permit	6.951sq. ft dist. Area
21-Jun-10	Chain Bridge Rd	3915	City of Fairfax	703-506-9292	Madison Mews	G-Grading Permit	1.76 Acres Dist. Area

**Appendix C-5**

**Exhibits for Minimum Control Measure #4- Post-Construction Stormwater Management in New Development and Re-Development:**

City of Fairfax December 2010: Stormwater and Environmental Funding Staff Report

City of Fairfax SWM/BMP Proposed Annual Budget for FY 2011/2012

City of Fairfax SWM/BMP Inspection Report Example

City of Fairfax, Department of Community Development and Planning: Zoning

Enforcement Division- Notice of Violation and Penalty Example

City of Fairfax Compliant and Violation List

City of Fairfax BMP Database(2)

City of Fairfax, Public Works Statistics for FY 09/10 (2)

City of Fairfax News Release- Curbside Leaf Collection Service Extended to February 1,2010

City of Fairfax Owned Storm Water Management/Best Management Practice Facilities List(2)

Privately Owned Stormwater Management/Best Management Practices (SWM/BMP) List (11)

City of Fairfax Website- Storm Water Management

City of Fairfax Website- Streams (3)

Accotink Creek Watershed Summary (7)

December 2010

## **Storm Water and Environmental Funding Staff Report**

**Introduction:** As Storm Water Management and Environmental regulations become more stringent, the City will be required to provide additional measures to monitor and improve the quality of the water which enters our waterways. In addition, the City's aging storm sewer infrastructure has reached its' 50 year life span, and now requires a more aggressive maintenance and repair program. These needs dictate additional funding which is not represented in the City's annual CIP report.

### **Future Storm Drainage, Storm Water Management, and Water Quality Needs**

1. Inspection and Maintenance of City owned SWM/BMP Facilities (14)
2. Manage Inspection and Enforcement Program for Private SWM/BMP facilities (100)
3. Stream Restoration and Repair of eroded creeks and waterways (7 miles)
4. Manage the City's MS4 SWM Permit Requirements and prepare reports for DEQ
5. Manage and implement upcoming EPA/DEQ requirements for TMDL's
6. Condition evaluation and prioritization of City's storm drainage system
7. Lining and repairs of City storm sewer pipes, ditch lines, and culverts (60 miles)
8. Repairs to City storm drain inlets and storm drain outfalls (2700)
9. Replacement of the storm drain elements which are beyond repair

### **Annual Funding Requirements**

- 1 full time staff person (Environmental / Storm Water Program Manager) (\$100K)
- Consultant Services for various required Testing, Inspections and Evaluations (\$100K)
- Contractual Services for annual Stream Restoration work (\$150K)
- Contractual Services for SWM/BMP maintenance and TMDL requirements (\$100K)
- Contractual Services for storm drain system maintenance/repairs/replacement (\$350K)

**Total = Approximately \$800K / year**

**Recommendation:** 1 cent tax set aside for Storm Water and Environmental programs to fund these needs, in addition to the projects outlined in the CIP. This would be consistent with the funding mechanism several other jurisdictions are currently pursuing or have in place.

**Legend of Acronyms:** SWM = Storm Water Management, BMP = Best Management Practices, MS4 = Municipal Separate Storm Sewer System, DEQ = Department of Environmental Quality, EPA = Environmental Protection Agency, TMDL = Total Maximum Daily Load

December 2010

## **Storm Water and Environmental Funding Staff Report**

**Introduction:** As Storm Water Management and Environmental regulations become more stringent, the City will be required to provide additional measures to monitor and improve the quality of the water which enters our waterways. In addition, the City's aging storm sewer infrastructure has reached its' 50 year life span, and now requires a more aggressive maintenance and repair program. These needs dictate additional funding which is not represented in the City's annual CIP report.

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**Legend of Acronyms:** SWM = Storm Water Management, BMP = Best Management Practices, MS4 = Municipal Separate Storm Sewer System, DEQ = Department of Environmental Quality, EPA = Environmental Protection Agency, TMDL = Total Maximum Daily Load

Storm Water Management/Best Management Practice (SWM/BMP)  
Proposed Annual Budget for FY 2011/1012

ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	City Owned SWM/BMP Inspection and Maintenance	Each	14	\$500.00	\$7,000.00
2	Storm Water Quality Testing and Environmental Education	L.S.	Annual	\$10,000.00	\$10,000.00
3	Stream Stabilization	L.S.	Annual	\$280,000.00	\$280,000.00
4	Staff Person to Enforce Inspection and Maintenance of Privately Owned SWM/BMP and Manage City SWM/BMP and Environmental Programs	L.S.	Annual	\$100,000.00	\$100,000.00
5	TMDL Rule Requirements	L.S.	Annual	?	
6	MS4 Permit Filing Fee	L.S.	Annual	\$3,000.00	\$3,000.00
	Storm Drainage Maintenance	L.S.	Annual	\$50,000.00	\$50,000.00
	Neighborhood Drainage Projects	L.S.	Annual	\$200,000.00	\$200,000.00
	Storm Sewer Lining Projects	L.S.	Annual	\$50,000.00	\$50,000.00
	Storm Sewer Replacement Projects	L.S.	Annual	\$100,000.00	\$100,000.00
	TOTAL				\$800,000.00

# SWM/BMP INSPECTION REPORT

FOR CITY USE ONLY

<b>LOCATION OF SWM/BMP:</b>	ACCEPTED ( ) MAINTENANCE ( )
<b>ADDRESS OF SWM/BMP :</b>	QUESTIONS ( ) REPAIRS ( )
	DATE: ___/___/___
	REVIEWED BY: _____
<b>OWNER OR MANAGEMENT CO.:</b>	TITLE: _____
<b>ADDRESS:</b>	<b>PHONE # :</b>
<b>INSPECTION COMPANY :</b>	<b>PHONE # :</b>
<b>ADDRESS :</b>	
<b>INSPECTOR NAME (print) :</b>	<b>PHONE # :</b>
<b>INSPECTOR SIGNATURE :</b>	<b>DATE # :</b>

### TYPE OF BMP

Bio-detention ( )	Dry Pond ( )	Wet Pond ( )	Infiltration Trench ( )	Underground Detention ( )
Storm Ceptor ( )	Sand Filters ( )	Green Roof ( )	Filterra ( )	Vegetated Swale ( )

Other, describe :

## Inspection Checklist

Structural Integrity:	Yes	No	N/A
Does the facility show any signs of settling, cracking, bulging, misalignment, or any other structural deterioration?			
Do embankment, emergency spillways, side slope, or inlet/outlet structure show signs of excessive erosion or slumping?			
Is the inlet and outlet pipe damaged or otherwise not functioning properly?			
Do impoundment and inlet areas show erosion, low spots, or lack of stabilization?			
Are trees or saplings present on the embankment?			
Are animal burrows present?			
Are contributing areas unstabilized with evidence of erosion?			
Do grass areas require mowing and /or are clippings building up?			
<b>Working Conditions</b>			
Are cartridge filters, sand filters, filterra boxes, and other filters clogged?			
Provide date of last filter replacement. (    /    /    )			
Is water quality orifice, weir, grate, trash rack completely clear of debris and completely open?			
Does the depth of sediment or other factors suggest a loss of storage volume?			
Is there standing water in inappropriate areas, such as on filters or cartridges after a dry period?			
Is there an accumulation of floating debris and/or trash?			
<b>Other Inspection Items</b>			
Is there evidence of encroachments or improper use of impoundment areas?			
Do the fence gate or other safety device need repair?			
Is there excessive algae growth or has one type of vegetation taken over the facility?			
Is there evidence of oil, grease, or other automotive fluids entering and clogging the facility?			
In rain gardens, is there evidence of soil erosion, does mulch cover the entire area, is specified number and types of plants still in place, or is there evidence of disease or plant stress from adequate or too much watering?			
Is there evidence of fish kill?			

Violation # \_\_\_\_\_



**CITY OF FAIRFAX**  
**DEPARTMENT OF COMMUNITY**  
**DEVELOPMENT & PLANNING**  
**Zoning Enforcement Division**  
 10455 Armstrong Street  
 Fairfax, Virginia 22030  
 703 385-7820

**NOTICE OF VIOLATION AND PENALTY**  
**YOU ARE CHARGED WITH VIOLATING THE**  
**CITY OF FAIRFAX, VIRGINIA CITY CODE**

Date of Violation \_\_\_\_\_ Day of Week \_\_\_\_\_ Time AM/PM \_\_\_\_\_

Location of Violation: \_\_\_\_\_

Ordinance Section: \_\_\_\_\_

Description of Violation: \_\_\_\_\_

Penalty: \$ \_\_\_\_\_

- Notice of Violation
- 1st Penalty  2nd Penalty
- 3rd/More Penalty

**IF THE VIOLATION IS NOT CORRECTED BY**  
**AN ADDITIONAL MONETARY**  
**PENALTY WILL BE ASSESSED.**

NOTICE SERVED ON: \_\_\_\_\_ (DATE)

Name: Last \_\_\_\_\_ First \_\_\_\_\_ Middle \_\_\_\_\_

I hereby acknowledge receipt of this Notice of Violation.

Signature is not an admission of guilt.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Copies: Violator's -White

City Attorney -Yellow

Community Development & Planning-Blue

Treasurer's -Pink

**INDIVIDUAL/BUSINESS RESPONSIBLE**  
**FOR VIOLATION:**

- Property/Business Owner
- Property Occupant

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY/TOWN \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

CERTIFICATION OF ISSUING AGENT

The undersigned states that he/she is an employee of the City of Fairfax Department of Community Development and Planning, that he/she personally observed or investigated the commission of the violation noted above and/or the violation was based upon a signed affidavit or other reliable evidence, and that on the date of notice, a copy of this notice was:

- Hand delivered to: \_\_\_\_\_
- Mailed/posted a true copy of this notice to the last known home or business address of the respondent or the respondent's agent.

Name of Person or Business Served \_\_\_\_\_

Address of Service \_\_\_\_\_

City/State/Zip \_\_\_\_\_

- Posted true copy of this notice at the site of the infraction.

Inspector's signature \_\_\_\_\_ Date \_\_\_\_\_

Print Name: \_\_\_\_\_

Phone Number: \_\_\_\_\_

**WARNING**

**YOU ARE REQUIRED TO RESPOND TO THIS NOTICE WITHIN 15 DAYS IN ONE OF THE FOLLOWING WAYS. HOWEVER, ADDITIONAL NOTICES OF VIOLATION MAY BE ISSUED WITHIN THAT TIME PERIOD IF WARRANTED. FAILURE TO RESPOND TO THIS NOTICE WILL RESULT IN THE FILING OF A CIVIL LAW SUIT TO ENFORCE THE PENALTY IMPOSED HEREIN.**

**1. TO PAY PENALTY & WAIVE YOUR RIGHT TO HEARING**

- Check the "Admit Violation" or "No Contest" box below;
- Make personal check, cashier's check, certified check or money order payable to City of Fairfax. Do not send cash through the mail; print violation notice number on the check or money order;

• Payment may be made by mail, or in person, at the Treasurer's Office, City Hall, 10455 Armstrong St., Room 234, Fairfax, VA 22030 between the hours of 8:30 a.m.—5:00 p.m., Monday—Friday, phone (703 385-7902); --OR--

**2. TO REQUEST A COURT HEARING**

- Check the "Contest in Court" box below and;
- (a) Mail this completed notice to the Department of Community Development & Planning, 10455 Armstrong Street, Fairfax, VA 22030; --OR--

(a) Appear in person or by authorized representative at the above address between the hours of 8:30 a.m.—5:00 p.m., Monday—Friday phone (703) 385-7820.

- If you wish to contest this violation, a date will be set for trial in General District Court of Fairfax, Virginia. Failure to appear in court on the date set for trial, unless prior approval has been granted by a judge of that court, will result in the entry of default judgment against you. --OR--

**3. TO CONTEST THE INTERPRETATION OF ORDINANCE**

You have the right to appeal the interpretation of the zoning ordinance upon which this violation is based to the Board of Zoning Appeals within 30 days in accordance with 15.2-2311 of the Code of Virginia. To file such an appeal, you must complete the appropriate written request and pay the appropriate fee for such appeal with the Department of Community Development & Planning. The interpretation shall be final if not appealed within 30 days.

**YOU MUST COMPLETE & SIGN THIS CERTIFICATION**

- Choose One:  Admit Violation  No contest  
 Contest in Court  Appeal to BZA

Name (print) \_\_\_\_\_

Street Address \_\_\_\_\_

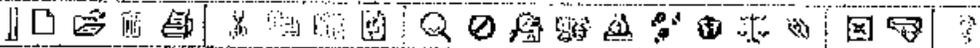
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone Number \_\_\_\_\_

I hereby certify under penalty of law that I have answered as indicated above, and corrected or made substantial effort to correct the violation that I have admitted or for which I have pleaded no contest.  
 Signature \_\_\_\_\_ Date \_\_\_\_\_

**Complaint and Violation Information - Fairfax - CommunityPLUS 8.1 (10/1)**

File Edit Actions Details Links Tools Favorites Help



Search Criteria

House Number

Direction

Street Name

Street Type

Unit Number

Sounds Like Name

Find Advanced Alternate Search Keyword Search

Type	Case Number	Status	Parcel	Address	Description	Officer Name
V	CE09060158	CLOSED	57 2 02 162	3950 CHAIN BRIDGE F	ZSWM Failed to meet requirement for mainte	CAROLINA G
C	CE09060121	DUPLICATE	57 2 02 034	10201 FAIRFAX BLVD	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE09060159	CLOSED	57 4 02 01 057	3983 BALLYNAHOWN	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE09070057	CLOSED	57 4 02 041	4117 CHAIN BRIDGE F	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE09030002	CLOSED	57 4 02 014	4280 CHAIN BRIDGE F	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE09080019	CLOSED	57 2 02 034	10201 FAIRFAX BLVD	ZSWM This report Submitted without issuanc	CAROLINA G
V	CE09090020	CLOSED	57 1 02 052	10800 FAIRFAX BLVD	ZSWM This report Submitted without issuanc	CAROLINA G
V	CE09080018	CLOSED	57 2 02 073 A	10565 FAIRFAX BLVD	ZSWM This report Submitted without issuanc	CAROLINA G
V	CE09080021	CLOSED	57 4 02 146	10100 MAIN ST	ZSWM This report Submitted without issuanc	CAROLINA G
C	CE09050160	CLOSED	57 2 44 006	10508 CENTER ST	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE09080148	CLOSED	57 1 02 003 A	3900 JERMANTOWN F	ZSWM This report Submitted without issuanc	CAROLINA G
V	CE09070056	NOTICE ISSI	57 2 36 01 00A	3601 CHAIN BRIDGE F	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE09090090	CLOSED	57 2 27 B 000	10301 DEMOCRACY L	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE09070058	CLOSED	57 2 08 004 A	3554 CHAIN BRIDGE F	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE09060157	NOTICE ISSI	57 4 26 015	10470 ARMSTRONG S	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE09090092	NOTICE ISSI	58 3 16 014	9803 CRESENCE WAY	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE09100088	NOTICE ISSI	47 4 02 002 C	10400 EATON PL	ZSWM Failed to meet requirement for mainte	CAROLINA G
C	CE09050151	NOTICE OF V	57 4 27 008	10451 BRECKINRIDGE	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE09100089	NOTICE ISSI	47 4 02 02 001	10300 EATON PL	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE09080003	NOTICE ISSI	57 4 31 036	4131 TROWBRIDGE S	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE09070096	NOTICE ISSI	57 4 25 001	4260 CHAIN BRIDGE F	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE09120017	NOTICE ISSI	57 4 28 004 A	4109 JOHN TRAMMEL	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE10010023	NOTICE ISSI	57 3 15 002	10600 KITTY FOZER	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE09090093	NOTICE ISSI	57 2 41 003	10413 STRATFORD AV	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE09100090	NOTICE ISSI	48 3 10 013 A	3179 DRAPER DR	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE09120010	NOTICE ISSI	57 2 30 011	3703 JENNY LYNNE L	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE10010021	NOTICE ISSI	48 3 09 001	9610 FAIRFAX BLVD	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE09120018	NOTICE ISSI	57 1 02 044	10930 FAIRFAX BLVD	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE10020013	NOTICE ISSI	48 3 16 001	9836 FAIRFAX BLVD	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE10010022	CLOSED	57 1 19 D 002	3912 KEITH AVE	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE10020012	NOTICE ISSI	48 3 02 018 A	9739 FAIRFAX BLVD	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE10020014	NOTICE ISSI	48 3 10 014 A	9720 FAIRFAX BLVD	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE09120016	NOTICE ISSI	57 3 15 001	10617 JONES ST #101	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE10070058	NOTICE ISSI	48 3 02 039	9566 LEE HWY	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE10070059	NOTICE ISSI	57 2 02 038	10287 FAIRFAX BLVD	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE10050115	NOTICE ISSI	48 3 02 001	9990 FAIRFAX BLVD	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE10050114	NOTICE ISSI	47 4 03 000 C	10089 FAIRFAX BLVD	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE10050113	NOTICE ISSI	57 2 02 032	10245 FAIRFAX BLVD	ZSWM Failed to meet requirement for mainte	CAROLINA G
V	CE10070057	NOTICE ISSI	57 2 02 041	10355 FAIRFAX BLVD	ZSWM Failed to meet requirement for mainte	CAROLINA G

**CITY OF FAIRFAX BMP DATABASE**

<u>PROPERTY LOCATION</u>	<u>BMP#1</u> ACRES	<u>BMP#2</u>	<u>BMP#3</u>	<u>BMP#4</u>	<u>BMP#5</u>	<u>TOTAL ACRES</u> <u>SERVED</u>	<u>MAINT.</u> <u>AGREEMENT/<u>DATE INSTALLED</u></u>
<b><u>STRUCTURES PLACED ON LIST</u></b>							
<b><u>SINCE 7/09</u></b>							
BOULEVARD MARKETPLACE REDEVELOPMENT	1.3	STORM FILTER	0.77			2.07	YES
BOULEVARD SHOPPING CENTER- CHEVY CHASE BANK REDEVELOPMENT	0.1	FILTERRA	0.07	0.14	0.13	0.58	YES 2008/09
BLENHHEIM NEW DEVELOPMENT	1.49	RAIN GARDEN				1.49	2008/09
WALGREENS-10980 FAIRFAX BLVD REDEVELOPMENT						0.18	YES 2009/10
MARRIOT RESIDENCE INN REDEVELOPMENT	0.32	FILTERRA				0.32	YES
SHERWOOD COMMUNITY CENTER REDEVELOPMENT							
PNC BANK REDEVELOPMENT	0.07	FILTERRA	0.23			0.3	YES 2009/10
CHICK -FIL-A REDEVELOPMENT	0.33	STORMFILTER				0.33	2008/09
MADISON MEWS REDEVELOPMENT	0.56	STORMFILTER				0.56	Pending

FARRISH DODGE/ JEEP ADDITION	0.26	0.26	YES
FILTERRA			
FAIRFAX POINTE 10855 FAIRFAX BLVD. REDEVELOPMENT	0.6	0.6	YES
STORMFILTER			
FAIRFAX COUNTY HEALTH LAB 10310 LAYTON HALL DR. REDEVELOPMENT	1.01	1.01	YES 2009/10
FILTERRA			
10185 MAIN STREET 4020 WALTERS COURT NEW DEVELOPMENT	0.41	0.41	YES 2009/10
INFILTRATION TRENCH			
(SHARED BETWEEN PROPERTIES)			

## **PUBLIC WORKS STATISTICS FOR FY 09/10**

### **ASPHALT**

- Performed 1,790 man-hours of preventive maintenance for 16 miles of primary roadway and 55 miles of secondary roadway throughout the city.
- Used 1,200 tons of asphalt for street repairs.
- Supplied 880 man-hours of oversight to paving contractors.
- Applied 2,970 man-hours toward infrastructure projects.

### **CONCRETE**

- Performed 2,460 man-hours of preventive maintenance to sidewalks and curbs.
- Used 206 yards of concrete for sidewalk and curb repairs.
- Performed 2,200 man-hours of downtown brick sidewalk repairs.
- Removed over 3,000 illegal signs from right-of-ways.
- Applied 2,700 man-hours toward infrastructure projects.

### **STORM DRAINAGE**

- Performed 5,020 man-hours of preventive maintenance to storm drainage system.
- Replaced 526 linear feet of existing storm pipe.
- Installed 150 linear ft of new storm pipe.
- Applied 5,120 man-hours toward infrastructure projects.

### **SNOW**

- Cleared over 53 inches of snow from primary, secondary and residential roadways.
- All Public Works divisions supplied man-hours for snow removal.

### **FACILITIES MAINTENANCE**

- Maintained 341,458 square feet of public building space.
- Started an Energy Conservation Program through the City-owned buildings.
- With the current budget reduction, some contract services are being done in-house, saving the City \$41,000.

### **FLEET MAINTENANCE**

- Maintained 70 different types of vehicles, totaling 596 units.

## REFUSE/RECYCLING

- Collected 1,880 tons of recycling.
- Collected 1,290 tons of brush.
- Collected 1,760 tons of yard waste.
- Collected 6,400 tons of household trash.
- Received recycling grant from DEQ totaling \$5,125.

## RIGHT-OF-WAY MAINTENANCE

- Collected 18,150 cubic yards of leaves.
- Planted 290 flats and 9,300 flowers.
- Handled 45 burials at cemetery.
- Received \$100 reimbursement from the Arbor Day Foundation for the purchase of the Arbor Day Tree.

## TRANSPORTATION

- Performed preventative maintenance on all 60 traffic signals.
- Refurbished/rebuilt traffic signal equipment at 4 intersections.
- Added pedestrian crossing signals to 3 intersections.
- Maintained pedestrian crossing signals at 57 intersections.
- Maintained fire-preemption devices at 31 intersections which enabled over 21,000 fire/rescue preemptions.
- Responded to 26 after-hours service calls, a decrease from last year, created by power outages.
- Had 4 signal technicians trained and certified to higher IMSA levels.
- Manufactured and installed over 1,000 new street signs.
- Created over 1,300 signs for special events.
- Posted over 2,100 temporary 'No Parking' signs for special events.
- Distributed over 1,800 construction-related public information notices.
- Prepared/installed temporary or long-term timing adjustments at 53 intersections.
- Installed holiday programming adjustments at 54 intersections.
- Performed 18 traffic count/speed studies and several parking studies.
- Adjusted signal timing and monitored conditions for 46 intersections.



[www.fairfaxva.gov](http://www.fairfaxva.gov)

# City of Fairfax NEWS RELEASE

Fairfax, Virginia 22030

#### MEDIA CONTACT:

Chris Cohen, Community Relations Specialist

703-385-7947 (voice); 711 (TTY)

[ccohen@fairfaxva.gov](mailto:ccohen@fairfaxva.gov)

FOR IMMEDIATE RELEASE

January 6, 2010

## Curbside Leaf Collection Service Extended to February 1

**FAIRFAX, Va.** — Due to heavy leaf fall and inclement weather, the City of Fairfax will continue to collect leaves from the curb until Monday, February 1. City trucks will circulate through neighborhoods until that time.

Additionally, the public may call **703-385-7838** to report leaf piles for collection.

***Please make sure all leaves are raked to the curb by Monday, January 25.*** Leaves raked to the curb after January 25 may not be collected because of the circulation schedule of collection trucks.

The city will not collect loose leaves from the curb after February 1. After that date, leaves must be bagged and put at the curb on regular trash and recyclable collection day.

For information, visit the city's Web site at [www.fairfaxva.gov](http://www.fairfaxva.gov) or call **703-385-7838**.

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City Owned Storm Water Management / Best Practice Management Facilities (SWM/BMP) List

#	Street #	Street Name	City /State/Zip Code	Property Name	Management Address	Types of Facilities	Responsible City Department	Last Inspected
1	10455	Armstrong	Fairfax VA 22030	City Hall	Same	Dry Pond, Bio-retention Filter, 2 Filterbas, Underground Detention Pipe	Public Works	2009
2	3730	Old Lee Hwy	Fairfax VA 22030	Fairfax Police Station	10455 Armstrong St. Fairfax VA 22030	Dry Pond	Public Works	
3	10360	Old Lee Hwy	Fairfax VA 22030	Fairfax Regional Library	10455 Armstrong St. Fairfax VA 22030	Underground Detention Pipe, Stormwater Filter	Public Works	2009
4		John Trammell Court	Fairfax VA 22030		Trammell Commons	Underground Detention Pipes	Public Works	2009
5		Rustfields	Fairfax VA 22030			Underground Detention Pipes	Public Works	
1	3610	Old Lee Hwy	Fairfax VA 22030	Historic Blenheim Estate	Same	Dry Pond , Bio-retention Filter	Historic Resources	
1	3705	Old Lee Hwy	Fairfax VA 22030	Daniels Run Elementary School	4219 Chain Bridge Rd. Fairfax VA 22030	Underground Detention Pipe	School Board	
2	3500	Old Lee Hwy	Fairfax VA 22030	Fairfax High School	4219 Chain Bridge Rd. Fairfax VA 22030	2 Stormwater Filters, Underground Detention Pipes	School Board	
3	3801	Jermantown Road	Fairfax VA 22030	Lanier Middle School	4219 Chain Bridge Rd. Fairfax VA 22030	Underground Detention Pipes	School Board	
4	3614	Jermantown Road	Fairfax VA 22030	Providence Elementary School	4219 Chain Bridge Rd. Fairfax VA 22030	Underground Detention Pipes	School Board	2009
1	10615	Canfield St.	Fairfax VA	Providence	10455 Armstrong St.	Dry Pond, Bio-	Parks and	

City Owned Storm Water Management / Best Practice Management Facilities (SWM/BMP) List

#	Street #	Street Name	City /State/Zip Code	Property Name	Management Address	Types of Facilities	Responsible City Department	Last inspected
			22030	Park	Fairfax VA 22030	retention Filter, Underground Pipe	Recreation	
2		Strafford St.	Fairfax VA 22030	Stafford East Park	10455 Armstrong St. Fairfax VA 22030	Bio-retention Filter, Under Field Gravel Storage	Parks and Recreation	
3		Draper Drive	Fairfax VA 22030	Draper Drive Park	10455 Armstrong St. Fairfax VA 22030	Bio-retention, and Under Field Storage	Parks and Recreation	
4	9985	Fairfax Blvd.	Fairfax VA 22030	VDOT Lee Hwy Improvements	Same	Dry Pond	Public Works	

Privately Owned Stormwater Management/ Best Management Practice (SWM/BMP)

Street No.	Location in Fairfax	Type of Detention	Property Name	Management Address
9985	9985 Fairfax Blvd	Dry Pond	VDOT Improvement	Rebel Run LLC, c/o Wm. Pitts II, 115 East 61st St, NY, NY 10021
10455	Armstrong St	Dry Pond	City Hall Expansion	City of Fairfax
10446-62	Armstrong St	u/g CMP	Inns of Court, #462	Sequoia Management, 13998 Parkeast Cir., Chantilly 20151-2283
	Breckenridge Lane, Fairfax, VA 22030	Dry Pond	Courthouse Square II #545	Breckenridge Lane HOA, c/o Brian Knapp, 10451 Breckinridge Lane, Fairfax, VA 22030
	Burke St./ Kirktree Court	U/g CMP	Kirktree Court, #679	Kirkwood HOA Thomas Carney, Pres 9806 Kirktree Court Fairfax VA 22032
10615	Canfield St	Dry Pond & Bioretention	Providence Park	City of Fairfax Parks & Rec., 10455 Armstrong St., Fairfax, VA 22030
10508-12	Center St	Dry Pond	Carriage Landing	Sekas Homes
3554	Chain Bridge Rd	u/g Pipe	3554 Chain Bridge Rd. #460	ELE NA A & Holly Oak, Inc., The Lann Companies, 3900 Jermantown Rd., 22030
3701	Chain Bridge Rd	U/G Gravel Pit	Stratford Property	

Privately Owned Stormwater Management Best Management Practice (SWM/BMP)

4117	Chain Bridge Rd	u/g CMP	FB&T Bldg., #505	Property Tax Dept., FB&T, PO Box 1290 Winston Salem, NC 21021-1290
3601-15	Chain Bridge Rd	u/g CMP	Fairfax Crossroads #477	Berenbaum Management, 101 S. Whiting St., #209, Alexandria 22304
4260-66	Chain Bridge Rd	Dry Pond	Commonwealth Park #459	GMU Educational Fund, Inc., Th, 4400 Univ. Dr., Fairfax, VA 22030
4280-2	Chain Bridge Rd	U/G Gravel Pit	One God Ministry	
	Chain Bridge Rd/ School Street	u/g Pipe	Crestmont I & II, #624	Crestmont HOA, Ed Tapay, Pres., 4131 Trowbridge St., Fairfax, VA 22030
	Cresence Way/Crestar Ct.	u/g RCP	Ridgecrest, #590	Ridgecrest HOA, c/o Slawomir Ligier, 4002 Crestar Ct., 22032
10301	Democracy Ln	u/g rRCP	Providence Hill Professional Bldg. #417	VA Acquisition NO 1 LLC, c/o National Enterprise, Inc., 5440 Moorehouse Dr., #4000, San Diego, CA 92121
3179	Draper Dr	u/g Concrete Pipe	Draper Drive Storage	Ross & Normal Keith, c/o West Group - Pat Schoolte, 1600 Anderson Rd., McLean 22102
10300	Eaton Place	u/g CMP	Willow Wood Plaza, #455	The Equitable Variable, c/o Marvin Poes & Co., 1555 Wilson Blvd., #602, Rosslyn, 22209

Privately Owned Stormwater Management/ Best Management Practice (SWM/BMP)

10400	Eaton Place	u/g Pipe	Carolyn Building	Eaton Place LP, c/o Arnell Corp., 5530 Wisconsin Ave., #1000, Chevy Chase, MD 20815
9550	Fairfax Blvd	Dry ponds	Dunkin Donuts	
9610	Fairfax Blvd	U/g CMP	Farrish Oldsmobile #483	Farrish Realty LP 9610 Lee Hwy Fairfax, VA 22030
9720	Fairfax Blvd	u/g CMP	Horizon Bank, #653	Ross & Normal Keith, c/o Southern Financial Bank, 37 E Main St., Warrenton 20186
9739	Fairfax Blvd	Roof top, Sand Filter, Bio-retention	Patriot Harley Davidson	Mr. Robert C. Deltaven, Enterprise LLC, 9739 Lee Hwy., Fairfax, VA 22030
9836	Fairfax Blvd	Bioretention	Town & Country Animal Hosp.	Town & Country Animal Hosp. LLC, 9836 Lee Highway, Fairfax, VA 22030
9860	Fairfax Blvd	Infiltration Trenches	Fairfax Racquet	
9881-85	Fairfax Blvd	Infiltration Trench	Sparks Tune-up	
9917	Fairfax Blvd	Infiltration Trench	Boulevard Courts	

Privately Owned Stormwater Management Best Management Practice (SWM/BMP)

9940	Fairfax Blvd		CMP detention	Denny's Restaurant	
9990	Fairfax Blvd		u/g CMP	Sherwood Plaza, #438	Hollular/Carr Capital - Sherwood LLC, 665 15th St., NW, #410, PO Box 644, Washington, DC 20005
10060	Fairfax Blvd		Dry Pond	Stafford - Wendys (KFC)	Mr. Robt. E. Stafford & Associates LP, 4904 Rutherford Rd., #103, VA Beach, VA 23455-4061
10090	Fairfax Blvd		u/g Vault	CVS	
10089	Fairfax Blvd		Roof top, u/g CMP	Realty Programming Corp	ACS Building LLC, attn: Donohoe Real Estate, 1005 N. Glebe Rd., #100, Arlington 22021
10101	Fairfax Blvd		72' infiltration	Fire Station #33	
10201	Fairfax Blvd			Gatewood, #458	Gatewood Plaza & Gill & Stopak & Suburban Hill, 5530 Wisconsin Ave., #1000, Bethesda, MD 20815
10245	Fairfax Blvd		u/g CMP	B&B Buick, #470	Woodfolk Properties, Inc., 10287 Lee Hwy., Fairfax, VA 22030
10287	Fairfax Blvd		u/g CMP	Browns Lincoln Mercury, Inc., #432	Browns Auto Group, same

Privately Owned Stormwater Management/ Best Management Practice (SWM/BMP)

10325	Fairfax Blvd	Infiltration Trenches	Red Lobster	
10327	Fairfax Blvd	u/g CMP	Holiday Inn Express	
10355	Fairfax Blvd	U/G PVC Pipe	BIF Furniture	
10431	Fairfax Blvd	Infiltration trench	Verizon	
10441	Fairfax Blvd	u/g CMP	Fairfax Toyota #495	NT & LS Higginbotham, 2900 Brents Landing Dr., Bumpass, VA 23024
10480	Fairfax Blvd	Oil/Grit Separator	Exxon	The Exxon Corp., PO Box 53, Houston, TX 77001
10485	Fairfax Blvd	Stormceptor	Exxon	The Exxon Corp., PO Box 53, Houston, TX 77001
10525	Fairfax Blvd	Infiltration trench	Jiffy Lube	
10565	Fairfax Blvd	u/g CMP	Miller Smith Bldg. #3489	Robert P. Miller, 10509 Summit Ave., Kensington, MD 20895

Privately Owned Stormwater Management Best Management Practice (SWM/BMP)

10800	Fairfax Blvd		Oil/Grit Separator	Crown Station,	Crown Station, Inc., PO Box 1168, Baltimore, MD 21203
10831	Fairfax Blvd		u/g Pipe	Southern Life Insurance Co.	10831 Main Street LLC, 10831 Main St., Fairfax, VA 22030
10900	Fairfax Blvd		u/g Concrete Vault	CVS/KFC/Outback	Mr. Robt. E. Stafford & Associates LP, 4904 Rutherford Rd., #103, VA Beach, VA 23455-4061
11001	Fairfax Blvd		Stormceptor	11001 Lee Hwy.	Fairfax Junction LP, c/o First Allied Corp., 270 Commerce Dr., Rochester, NY 14623
11011	Fairfax Blvd			Erol's TV center	
11090	Fairfax Blvd		u/g CMP	Texaco, #584	Cloverdale LP, 216 S. Payne St., Alexandria, 22314
10710-82	Fairfax Blvd		Stormceptor & U/G Pipe	Shops at Fairfax, The	Saul Holdings LTD PTN, c/o Property Tax ADM, 7501 Misc. Ave., #1500, Bethesda, MD 20814
11051-55	Fairfax Blvd		u/g CMP	Luskins, Fairfax #519	Lee Highway Associates, Inc., 4 Reservoir Cir., #100, Pikesville, MD 21208
11092-96	Fairfax Blvd		u/g Pipe	Fair Oaks Square, #448	Fair Oaks Sq. Condominium Association, c/o Sharon Scarce, PO Box 644, Centreville, 20121

Privately Owned Stormwater Management Best Management Practice (SWM/BMP)

3703-23	Jenny Lynn Ln	Dry Pond	Limewood Mews #513	Limewood Mews HOA, 3709 Jenny Lynn Lane, Fairfax, VA 22030
3616	Jermantown Rd	U/G	Providence E.S.	School Board of the City of Fairfax, 10455 Armstrong St., Fairfax, VA 22030
3801	Jermantown Rd	U/G CMP	Lanier Middle School	Fairfax County Schools
3900	Jermantown Rd	u/g CMP	3900 Jermantown Rd. #486	ARG LLC, c/o The Lann Companies, 3900 Jermantown Rd., 22030
	John Trammel Court	u/g RCP	Trammel Commons, #574	Trammel Commons, 4900 Seminary Rd., #900, Alexandria 22311
10617-27	Jones St	u/g Pipe	Jones Street Joint Venture, #484	Red Maple Court Condo Assn., 10617 Judicial Dr., Suite 201-A, Fairfax, VA 22030
10615	Judicial Drive	u/g CMP	Judicial Court, #530	Judicial Court Condo Assoc., 10615 Judicial Dr., Unit 101, Fairfax, VA 22030
10600	Kitty Poser	u/g CMP	Providence Hill Apartments, 3522	Avalon Properties, Inc., 2900 Eisenhower Ave., #300, Alexandria, 22314-5223
9566	Lee Hwy	Infiltration	Speedy Muffler	

Privately Owned Stormwater Management Best Management Practice (SWM/BMP)

9661	Main St	Dry Pond	Woodson Square, #476	Berenbaum Management Co., Inc. 101 South Whiting St., Suite 200 Alexandria VA 22304
9701	Main St	Stormceptor	Apple Credit Union	
9706	Main St	U/g CMP	Comstock	Comstock HOA 3955 Bradwater St. Fairfax VA 22031
9749	Main St	U/g CMP	Kinder Care, #471	Kinder Care Learning Center Inc., PO Box 6760 Portland, OR 97228
9959	Main St	u/g CMP	Carlos O'Kelly #456	Main 9959 LLC, c/o Stout & Teague, PO Box 22845, Oklahoma City, OK 73123
10015	Main St	u/g CMP	Screen Printing Assoc. International, #501	Screen Printing Assoc. International, 10015 Main St., Fairfax, VA 22031
10100	Main St	Filter	Chevy Chase Bank	
10195	Main St	U/g CMP	Fairfax Town Office Park #407	Commercial Condominium Management Co., 8496-B Tyco Rd Attn.
10680	Main St	U/g CMP	Mainland Office Bldg #521	Mainland Office Building LLC, c/o Trammel Crow Co., 14595 Avion Pkwy., Suite #100 Chantilly, VA 20151
10730	Main St	u/g CMP	Fairfax Surgical Center #595	Fairfax Surgical Center LP, 10730 Main St., Fairfax, VA 22030
10875	Main St	U/g Pipe	Professional Center of Fairfax	Professional Center of Fairfax 10875 Main St. Fairfax VA 22030
11091	Main St	Dry Pond	American Medical Labs #413	MGB Properties LLC 11165 Main St Fairfax, VA 22030

Privately Owned Stormwater Management Best Management Practice (SWM/BMP)

11165	Main St	u/g Pipe	Ted Britt Ford, #469	Gardner M. Britt, 1165 Main St., Fairfax, VA 22030
11166	Main St	Percolation Trench	Guardian Main St. LLC	Guardian Main St. LLC 702 Russell Ave. Suite 400 Gaithersburg, MD 20877
10252-330	Main St	Sand Filter	University Center	J. Donegan Co., 8500 Leesburg Pike, Vienna, 22182
10601-24	Main St	U/g RCP	Railroad Sq. Condo. Assoc.	Railroad Sq. Condo Assoc. C/O Nicole Properties, Inc. P.O. Box 644 Centreville VA 22031 Attn: Sharon Scarce
10777-808	Main St	Dry Pond	Kelly Square #388	Mercury Marketing Resources Inc. 10801 Main St. Fairfax, VA 22030
9719-33	Main St	Dry Pond	Williamsburg Square	Williamsburg Sq. Condo. Assoc. 4028 Williamsburg Ct. Fairfax VA 22032
11166	Main St	u/g RCP	Railroad Square Condo Association, #398	Railroad Sq. Condo Assn., c/o Nicole Properties, Inc., PO Box 644, Centreville, 22020 Attn: Sharon Scarce
4331-6	Mason Oaks Ct.	Dry Pond	11166 Main St.	Guardian Main Street LLC, 702 Russell Ave., #400, Gaithersburg, MD 20877
3315	Old Lee Hwy	Dry Pond	Mason Oaks	
3500	Old Lee Hwy	Detention Filter	Army Navy: Red 6/White 7	
3730	Old Lee Hwy	Dry Pond	Fairfax High School Expansion	Fairfax County Schools
3318	Old Lee Hwy/Rt. 236	Dry Pond	Police Station	City of Fairfax
3705	Old Lee Hwy/Rt. 236	u/g CMP	Army/Navy Country Club #632	Army Navy Country Club, 1700 Army Navy Dr., Arlington 22202-1640
3915-27	Old Lee Hwy/Rt. 236	u/g CMP	Daniels Run E.S.	School Board of the City of Fairfax, 10455 Armstrong St., Fairfax, VA 22030
			Fairfax Commons #540	3900 Old Lee Hwy. Associates LP, c/o Berenbaum Management, 101 South Whiting St., #209, Alexandria 22304

Privately Owned Stormwater Management Best Management Practice (SWM/BMP)

	Old Lee Hwy/Rt. 236	Wet Pond	Faircroft	Diane Cox Basheer Co., LC, 3925 Old Lee Hwy., Ste 100, Fairfax, VA 22030
10602	Orchard St	U/G Gravel Pit	10602 Orchard St	
	Page Avenue	u/g CMP	City Square Office #385	10640 Page Ave., LLC, Shenandoah Life (Amy Williams) PO Box 12847, Roanoke 24029
3500	Pickett Rd.	u/g CMP	Church of the Apostles #563	Malcolm L. Jones et al., Church of the Apostles, PO Box 2306, Fairfax, VA 22030
	Pickett Rd.	u/g CMP	Barristers Keepe #675	Barristers Keepe HOA, Brian Knapp, Pres., 3465 Barristers Keepe Cir., Fairfax, VA 22031
3905	Railroad Ave.	U/g RCP	Railroad Avenue Office Bldg. #399	Railroad Avenue Office Bldg. 3905 Railroad Avenue Fairfax VA 22030
	Ridge Ave.	u/g CMP	Fairfax Oaks, #493	Fair Oaks HOA, Walter Wagner, Pres., 9620 Ridge Ave., Fairfax, VA 22030
	Rt. 123/Lord Culpeper Lane	u/g CMP	Chancery Square #622	Chancery Sq. HOA, Joe Jackson, Pres., 10508 James Wren Way, 22030
	Rt. 29, Kamp. Wash.	u/g CMP	Sunset Center, #527	11123 Lee Hwy. Associates, PO Box 368, Vienna, 22183
10328	Sager Ave	Sand Filter, U/G Pipe	Providence Square Condominium	Providence Sq. Condo., c/o Brian Johnson, 3959 Pender Dr., Fairfax, VA 22030
	Sager Ave	Sand Filter	Crossings, The	The Crossings of Fairfax HOA, Alicia Prieto, Pres., 4104 Oxford Lane, #304, Fairfax, VA 22030
	Sharon Court	u/g Pipe	Holly Park Subdivision #538	Holly Park HOA, Jay S. Minski, Pres., 9804 Sharon Ct. 22032
	Sharpes Meadow Lane, Fairfax, VA 22030	Dry Pond	Windy Hill	Windy Hill HOA, Jeff Greenfield, Pres., 3584 Sharpes Meadow Lane, Fairfax, VA 22030
9431	Silver King Ct	U/G Gravel Pit	New School of Northern Virginia	New School of Northern Virginia, John Potter, 9431 Silver King Court, Fairfax VA 22030

Privately Owned Stormwater Management Best Management Practice (SWM/BMP)

	Stonewall Ave.	U/G Detention	Stonewall Estates	
4022	University Dr	Filter	Old Town Village	
4020	University Dr	u/g Pipe	First Federal Plaza	First Federal S&L, Suntrust Bank Hdq. 8614, 919 E. Main St., Richmond 23219
10520-30	Warwick Ave	u/g Pipe	Warwick Park	Warwick Park Condo Assn., 3600 Chain Br. Rd., Fairfax, VA 22030
10200-3	Wren Ct	Dry Pond	Wrens Courtyard, #573	Wrens Courtyard HOA Tom Abby, Pres., 10203 Wren Courtyard Fairfax, VA 22031
		Dry Pond	Courthouse Plaza	David Miller et al., c/o Otis Costin, Jr., 1360 Beverly Rd., #100, McLean 22101



List of Services

#### Environment

- [Environment - Home Page](#)
- [Flood Plains](#)
- [Streams](#)
- [Storm Water Management](#)
- [Watershed Management Planning](#)
- [Chesapeake Bay Ordinance Green Building and Climate](#)
- [Protection Strategies for City Development](#)

#### Home Energy Use

- [Energy Saving Tips for Homeowners](#)
- [Efficiency Rebate Program](#)

#### Protecting Our Water Resources

- [Protecting Our Water Resources](#)
- [Reporting Illicit Discharges](#)
- [What Citizens Can Do](#)
- [Virginia Pollution Discharge Elimination System Permit](#)

#### Students making a difference

- [Students & Community](#)
- [What Kids Can Do](#)
- [Website Links for Students](#)



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## Storm Water Management

### Guide for Stormwater Management and Best Management Practice Facilities

#### Key Issues

- All owners of private stormwater facilities shall provide maintenance to ensure the facilities are performing their design functions.
- Owners shall submit inspection reports and perform maintenance in accordance with the maintenance schedule as outlined in the owner's SWM/BMP Maintenance and Monitoring Bond agreement.
- The City of Fairfax has the right to inspect private facilities to determine whether the facility is in safe and proper working order. The city will provide the Owner copies of the inspection report when deficiencies are noted.

#### Mosquito Issues Relating to SWM Facilities-

- Storm sewers provide breeding grounds for the principle mosquito species that spreads the West Nile virus.
- Preventing pooling of stagnate water and treating storm sewers with larvacide will assist in the reduction mosquito breeding.
- It is the owner's responsibility to inspect and treat its own facilities. However, if mosquito larvae are found during a city facility inspection, the City of Fairfax will treat the facility with larvacide.
- For more information on mosquito issues, contact the Fairfax County Health Department at 703.246.2300.

#### Current Inventory of Stormwater Management Facilities

##### Pond Systems

- Dry Ponds - 21
- Wet Ponds - 1

##### Filter Systems

- Cartridge - 10
- Sand - 3
- Filterra - 9

##### Underground Detention Systems

- Concrete Box Culverts - 8
- Corrugated Metal Pipe System - 45

##### Retention Systems

- Bioretention - 7
- Gravel Retention Cells - 8
- Infiltration Trenches - 7
- Rain Tank - 1

##### Oil/Grit Separators

- Grease Traps (approx.) - 112
- Stormceptors - 5

#### City of Fairfax Contacts

For questions or to report a problem with a stormwater management facility, please contact the Department of Public Works at 703.385.7980.

 **City Hall**  
10455 Armstrong St.  
Fairfax, Virginia 22030  
Other Gov't Offices.

Information Provided by **Special Projects Engineer**; 703.385.7816  
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## City of Fairfax Streams

### City of Fairfax Streams

#### The Accotink Creek Restoration Project

see pics

The City of Fairfax has taken an active role in restoring the city's stream channels. The need for stream channel restoration is a result of the increase in stormwater flows over the years. The main source of this increase is from development in the city. When open areas are developed and paved, the amount of runoff increases because the infiltration capacity of the land is reduced. This water enters the storm drains, which eventually drains to the city's open stream channels.

Current city regulations require stormwater management for new developments and redevelopment (see [City of Fairfax Code](#)). Stormwater management is a means to control excess storm runoff resulting from the development of a site. Stormwater management measures include stormwater management ponds and underground detention vaults to hold excess stormwater so that it can be released at a rate equal to the water leaving the site prior to development. Because much of the city was developed prior to the issuance of stormwater management regulations, there is a significant amount of uncontrolled stormwater entering the city's stream channels. Many of the streams are not able to handle the existing storm flows, which has resulted in severe stream bank erosion and increased sediment loading.

To address the stormwater issues in the city, a Stormwater Capital Needs Study was completed in 1993. The results of this study indicated that citywide stream restoration was recommended to ensure the streams could handle the storm flows without eroding the stream banks. Based on this report, a stormwater bond was proposed and subsequently approved by the voters in 1994. With the availability of funding, a program was initiated in 1994 to stabilize and restore the city stream channels. To date, the city has restored over 4 miles of stream channel. To continue this work, the City Council has set up a stormwater fund to complete the work necessary to restore the remaining eroded stream channels throughout the city.

In the spring of 2002, the city completed stream restoration improvements on the North Fork of Accotink Creek from Stafford Drive to Lee Highway. Design is currently in progress to continue stream restoration improvements from Lee Highway to Pickett Road.

For more information, citizens can refer to the city's brochure [The Accotink Creek Restoration Project](#) and an article that appeared in American City & County titled [Restoring Streams Key in City's Stormwater Work](#). Other links to stream restoration are:

- [www.usda.gov/stream\\_restoration/](http://www.usda.gov/stream_restoration/)
- [www.epa.gov/owow/restore/](http://www.epa.gov/owow/restore/)
- [Restoring Streams Article](#)

For any additional questions, please contact Adrian Fremont in the Public Works Department at 703.385.7816 or [email](#)

## The Accotink Creek Restoration Project

### WHAT IT IS... HOW YOU CAN HELP

What was wrong with Accotink Creek? Why did it need a restoration project?

Accotink Creek, a stream whose headwaters are located within the city limits of Fairfax, has been in trouble for many years from uncontrolled runoff that deepened the creek's channel, widened the stream, deposited sediment on important aquatic habitat and caused erosion. Many of the fish and other aquatic life, which are important for the Creek's viability, began to disappear.

### Relevant Links

- [Public Works](#)
- [Council of Governments](#)

### Environment

- [Environment - Home Page](#)
- [Flood Plains](#)
- [Streams](#)
- [Storm Water Management](#)
- [Watershed Management Planning](#)
- [Chesapeake Bay Ordinance](#)
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### Home Energy Use

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- [What Citizens Can Do](#)
- [Virginia Pollution Discharge Elimination System Permit](#)

### Students making a difference

- [Students & Community](#)
- [What Kids Can Do](#)
- [Website Links for Students](#)

Restoring Accotink Creek was necessary to reduce loss of property, restore public safety, stop the destruction of downstream habitat and restore aquatic life native to Fairfax.

What did the City of Fairfax do to restore Accotink Creek? What were the results?

The City of Fairfax implemented an ambitious program to restore Accotink Creek to its natural state by contracting with a team of expert stream restoration biologists, ecologists and engineers who developed special techniques of "bioengineering" to restore the Creek.

The restoration project stabilized the banks of Accotink Creek, stopped erosion in the stream and restored the habitats that previously existed in the stream and along its banks.

What are these "bioengineering" techniques that were used to restore Accotink Creek? How do they work?

Bioengineering is the analysis, application and use of natural structures to help repair, restore or stabilize sensitive habitats. The three main bioengineering techniques that you can see at work along Accotink Creek are root wads, biologs and riparian reforestation. These techniques are defined in the glossary section.

What you should NOT DO if you want to help protect Accotink Creek...

- \* Never cut your lawn shorter than 1.5 inches.
- \* Do not apply fertilizers and pesticides indiscriminately. These chemicals are harmful to aquatic life and often are unnecessary.
- \* Never put oil, gasoline, paint or other toxic substances into storm drains. Everything that enters a storm drain in the Accotink Creek watershed goes into the Creek sooner or later.

...never forget that the watershed starts in your backyard!

What you can DO to help keep Accotink Creek a viable, usable, ecologically sound waterway...

Everyone who lives in the watershed of Accotink Creek has an impact on the quality of the Creek's habitats.

- \* Consider alternatives to grass as a lawn cover. Wildflowers or clover meadows make attractive and less ecologically damaging lawn covers.
- \* Keep the grass in your lawn at least 1.5 inches long. Taller grass actually reduces weed growth and is better at retaining soil moisture.
- \* Consider planting more trees around your house. Trees near Accotink Creek protect the stream, and trees will benefit you by providing more shade, adding to your house's value and reducing lawn mowing time.
- \* Only fertilize and apply pesticides to your lawn and garden when absolutely necessary. There usually is no need to apply fertilizers and pesticides regularly to lawn turf.
- \* Contact your extension agent for information on the best grasses to plant and how to use chemicals appropriately.

...always remember that the watershed starts in your backyard!

#### Glossary

Here are definitions of some terms used in discussing the Accotink Creek restoration project:

**Aquatic habitat:** A place in or upon water where a plant or animal grows or lives.

**Biologs:** Rolls of coconut fiber used to stabilize the bottom of steep slopes along Accotink Creek where the movement of water against the soil can hamper the growth of new vegetation. Biologs, which are planted with native perennial plants that grow quickly and strongly, provide the conditions and protection that plants need to become established. Biologs

will decompose and the new plants naturally will stabilize the stream banks.

**Ecology:** The study of the relationships among and between animals, plants and their environments.

**Riparian Reforestation:** All along the banks of Accotink Creek, you will see newly planted trees and shrubs. This new vegetation will slow runoff, provide habitat for wildlife and provide shade and cooling for organisms living in the stream.

**Root Wads:** Roots from dead trees, which usually would have been discarded or destroyed, have been placed along the eroding outside bends of Accotink Creek to deflect the water from the bare soils along the bank. This provides natural cover for aquatic organisms and provides a growing medium for new vegetation that will grow in and around these root wads to provide natural stabilization for a long time.

**Runoff:** Water that is unable to soak into the ground will flow over land until it can be absorbed by the ground or flow into a stream channel. Runoff often causes erosion and carries sediment that will end up in the stream.

**Watershed:** Accotink Creek's drainage area.

#### Funding

Funding for the restoration of Accotink Creek is provided by the City of Fairfax Bond and Stormwater Funds and by a Chesapeake Bay Habitat Restoration Grant.

#### Information

For more information on what you can do to help the Accotink Creek restoration, call or write:

City of Fairfax **Department of Public Works**  
10455 Armstrong Street  
Fairfax, VA 22030

**Contact Person:**  
**Adrian Fremont, P.E.**  
703.385.7816



**City Hall**  
10455 Armstrong St.  
Fairfax, Virginia 22030  
Other Gov't Offices.

Information Provided by **Special Projects Engineer**; 703.385.7816

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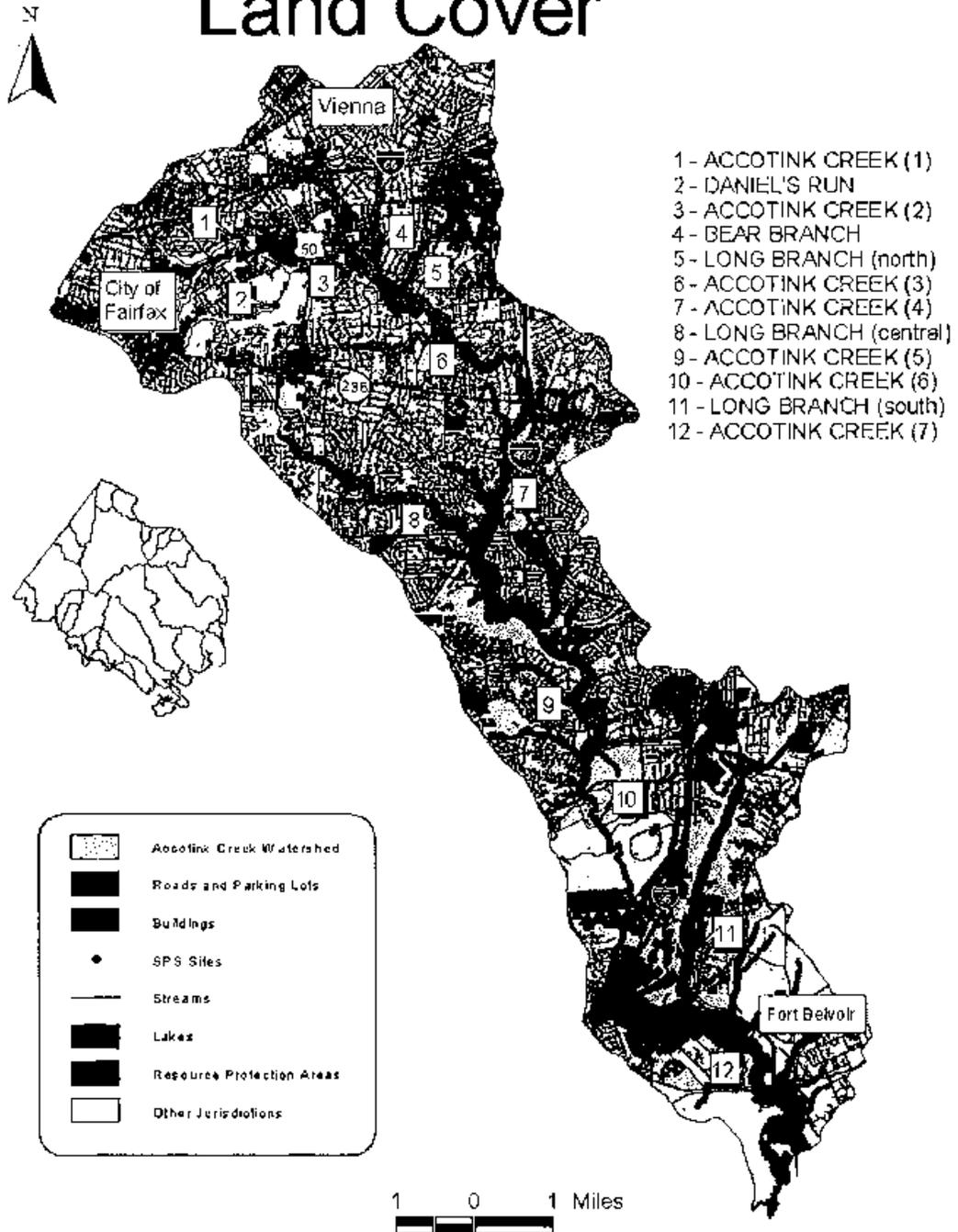
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## CHAPTER 3

# ACCOTINK CREEK WATERSHED SUMMARY

# CHAPTER 3

## Land Cover

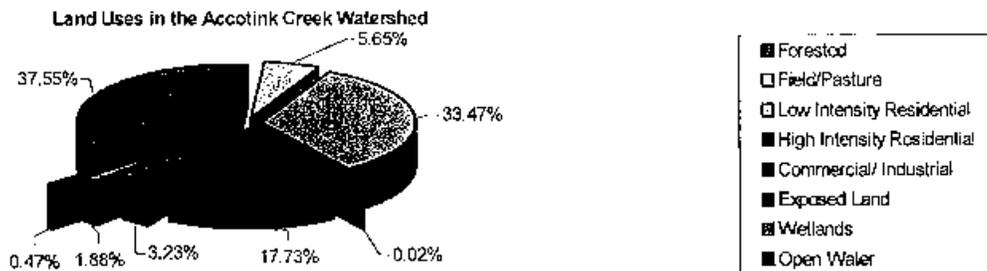


## CHAPTER 3

### Watershed Description

The Accotink Creek watershed has an area of 51.1 square miles, or 12.4% of the County. Approximately 13.4 square miles of this area are outside of County jurisdiction, located in the Town of Vienna, City of Fairfax, Fort Belvoir Military Reservation and other U.S. Government installations. The watershed includes areas of both Piedmont Uplands and Coastal Plain physiographic provinces. Only one major impoundment, Lake Accotink (68 acres), and six smaller regional ponds occur in the watershed.

Accotink Creek is characterized by heavy development throughout most of the watershed. Over half of the region is either commercial or low-density residential. Of all the major subwatersheds in the basin, only Long Branch (central) had an imperviousness value of less than 25%.



Highly eroded stream banks are common throughout the Accotink watershed.

Branch (central), itself a major system draining moderate density residential communities to the east. After passing through the protected area of the Lake Accotink reservoir system, it travels under the Franconia-Springfield Parkway and enters the Coastal Plain physiographic province. The mainstem then picks up additional input from Long Branch (south), which drains the eastern side of Springfield. On its final leg, Accotink Creek meanders slowly through the property of Fort Belvoir Military Reservation — the only large expanse of relatively undeveloped land in the entire watershed — and finally enters a freshwater tidal marsh at Accotink Bay, itself on the edge of the larger Gunston Cove.

The headwaters of Accotink Creek begin in the highly urbanized area of Fairfax City where it also joins with its first tributary, Daniels Run. The mainstem soon increases in size with the addition of two large tributaries, Bear Branch and Long Branch (north), each draining the highly developed Vienna suburbs. Heading generally southeastward on a path to the Potomac River, the system runs under several major road corridors as it travels through a series of high-density residential areas. Along the way it receives input from the second Long

## CHAPTER 3

# DATA SUMMARY

Stream Name and Site Code	Composite	Environmental Variables				Projected Percent Impervious Surfaces
	Site Condition Rating	Index of Biotic Integrity	Habitat Score	Fish Taxa Richness	Current Percent Impervious Surfaces	
1 Accotink Creek 1 (ACAC01)		Poor	Very Poor	Low	35.2	35
2 Daniel's Run (ACDR01)		Very Poor	Poor	Very Low	25.5	25
3 Accotink Creek 2 (ACAC02)		Fair	Very Poor	Moderate	31.3	37
4 Bear Branch (ACBB01)		Very Poor	Poor	Low	25.1	43
5 Long Branch North (ACLC01)		Very Poor	Poor	Low	37.6	44
6 Accotink Creek 3 (ACAC03)		Poor	Poor	Moderate	29.7	36
7 Accotink Creek 4 (ACAC04)		Poor	Poor	Moderate	28.6	35
8 Long Branch Central (ACLB01)		Poor	Fair	Moderate	23.6	24
9 Accotink Creek 5 (ACAC05)		Very Poor	Good	Moderate	27.4	34
10 Accotink Creek 6 (ACAC06)		Poor	Good	Moderate	27.1	35
11 Long Branch South (ACLA01)		Poor	Good	Low	30.3	49
12 Accotink Creek 7 (ACAC07)		Poor	Poor	Moderate	26.3	36

### Accotink Creek Fish Species List

Common Name	Number of Sites Where Species Occurred (12 Total Sites)	Common Name	Number of Sites Where Species Occurred (12 Total Sites)
White Sucker	12	Northern Hogsucker	3
Creek Chub	12	Common Shiner	3
Tessellated Darter	11	Largemouth Bass	3
Green Sunfish	10	Brown Bullhead	2
Swallowtail Shiner	10	Common Carp	2
Blacknose Dace	10	River Chub	2
Creek Chubsucker	9	Banded Killifish	1
Yellow Bullhead	8	Eastern Mosquitofish	1
American Eel	8	Eastern Silvery Minnow	1
Satinfin Shiner	7	Longear Sunfish	1
Bluegill	7	Spottail Shiner	1
Rosyside Dace	6	Yellow Perch	1
Pumpkinseed	6	Longnose Dace	1
Redbreast Sunfish	4	Fallfish	1
Golden Shiner	4	Eastern Mudminnow	1

## CHAPTER 3

### Watershed Condition Summary

Streams in the Accotink Creek watershed are substantially degraded, with the majority of tributary systems exhibiting poor habitat and biological conditions.

Thirty different fish taxa were collected from the 12 SPS sampling sites in the watershed. While reasonably high species taxa counts were obtained from many locations along the length of the mainstem, most tributary systems generally lacked such diversity, even accounting for their smaller size.

Measures of benthic macroinvertebrate community health were consistently low throughout the entire watershed. In fact, samples from three sites in the drainage, Daniel's Run in Fairfax City, Long Branch North and one site on the mainstem, yielded the lowest IBI scores seen in the entire county. For all watershed samples combined, nearly 100% of the 2,400 individual insects collected are categorized as being tolerant of degraded conditions.

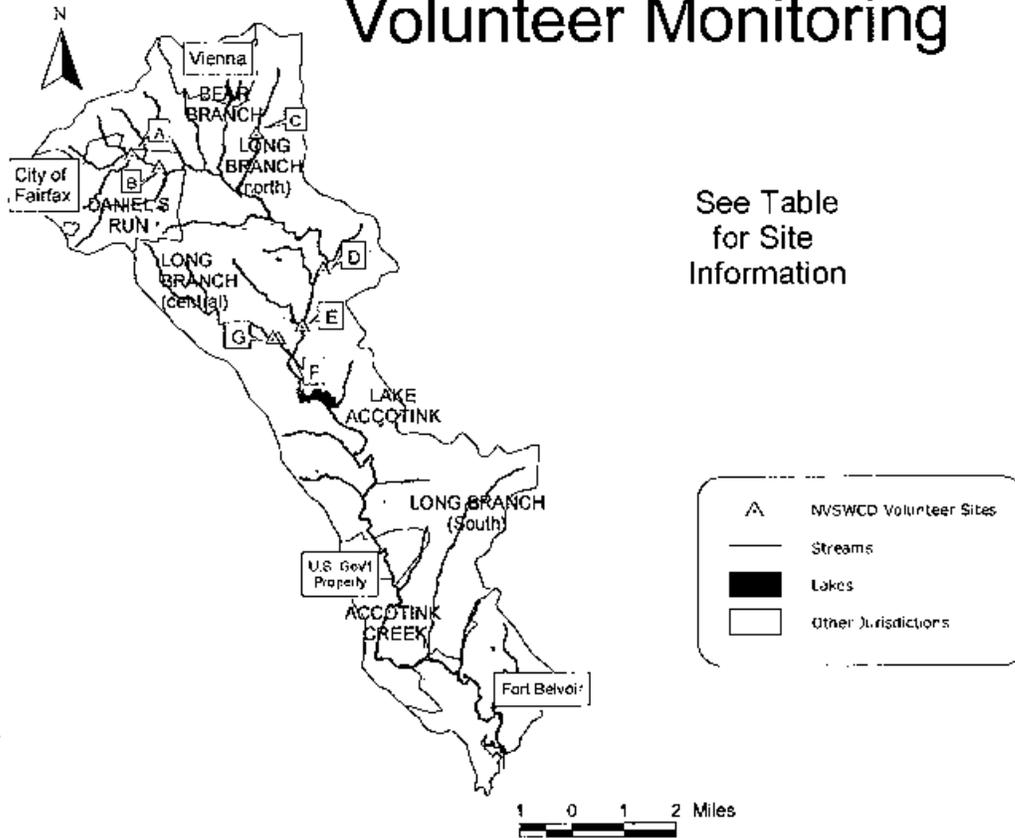
With the exception of Long Branch Central and the lower mainstem of Accotink Creek itself, habitat conditions throughout the watershed were poor. Most of the small tributary systems were severely incised (entrenched), and an overall pattern of active stream widening was evident. The watershed contains extensive areas of unstable habitat, with sloughed and eroded banks, large unstable sediment bars and numerous tree falls and logjams.

The headwaters of Accotink Creek originate in the urbanized areas of Fairfax City and the Town of Vienna, and with the exception of the large parcel of Ft. Belvoir near its mouth, the system flows through areas with levels of imperviousness in excess of 25%. Rankings across the watershed are similarly consistent, with all sites being rated as poor or very poor overall.

The relatively good habitat ratings of the lowermost mainstem sites are the only contrast to the low ecological integrity seen in streams systemwide. While these results may simply reflect the ability of larger-order systems to better absorb and buffer the effects of high flow volumes (at least relative to smaller, lower-order tributaries), the impact may also be indicative of the influence of the upstream dam at Lake Accotink. Reservoir systems have been shown to trap sediments and reduce the intensity and erosive energy of storm flows, and such hydrologic control may be a component responsible for the increased stability in the downstream environment. However, these systems can limit the migration of aquatic species.

## CHAPTER 3

# Volunteer Monitoring



See Table  
for Site  
Information

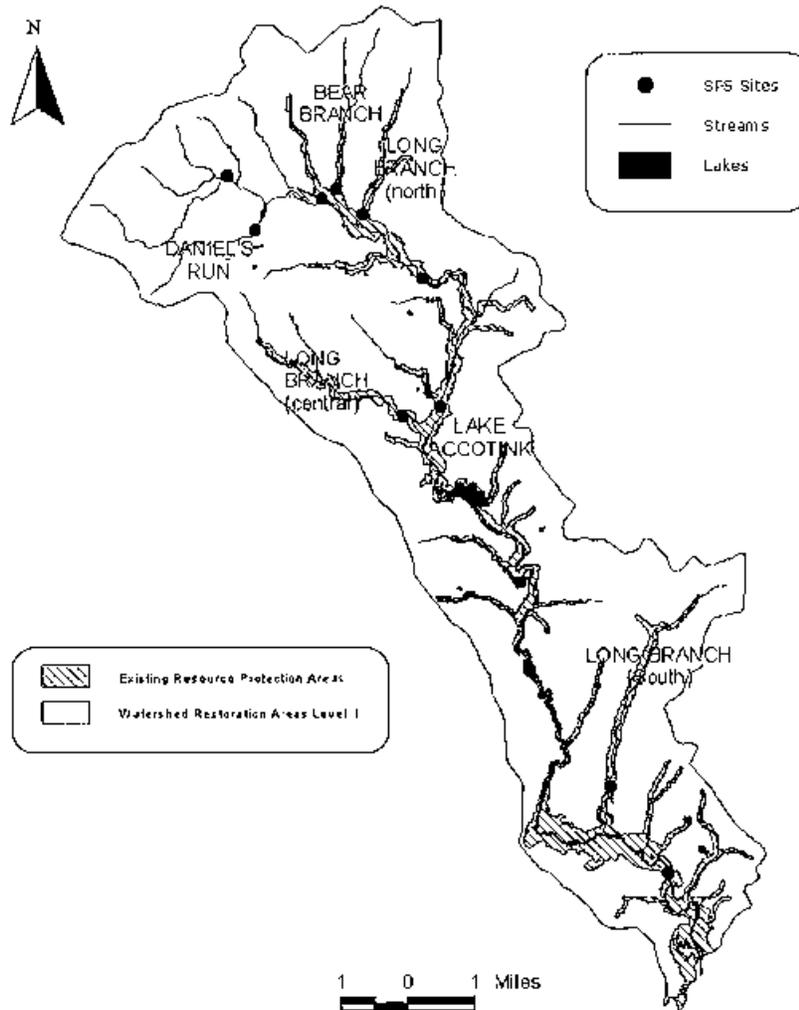
### Volunteer Data Summary

There are seven active volunteer monitoring sites within the Accotink Creek Watershed, each of which is coordinated by the Northern Virginia Soil and Water Conservation District (NVSWCD). All but one of these sites are recent additions to the volunteer monitoring inventory. New volunteer monitoring efforts would be useful in many of the tributary environments, as well as locations on the mainstem downstream of Lake Accotink. To date, the volunteer data collected is consistent with the results of SPS monitoring; most of the sites sampled exhibited "Poor" water quality ratings, and none received a ranking higher than "Fair".

Letter Code	Site Code	# times sampled	Last sampled	WQR (SOS only)	Trends noted
A	ACC10	1	8/29/00	Fair	too few samples
B	ACC5	2	8/12/00	Poor	too few samples, although they were both Poor
C	ACC4	2	5/19/00	Poor	too few samples, although they were both Poor
D	ACC2	30	8/17/00	Poor	varies from Fair - Poor
E	ACC6	2	8/26/00	Fair	too few samples, although the previous one was Poor
F	ACC7	2	8/21/00	Fair	too few samples, although the previous one was Poor
G	ACC8	1	8/17/00	Fair	too few samples

## CHAPTER 3

# Management



### Management Category Description

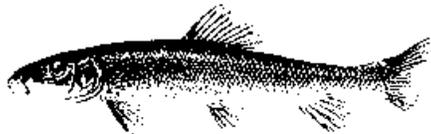
Accotink Creek presents a challenge in management. The entire watershed is classified as Watershed Restoration Level II Area, and many opportunities for localized improvements exist. In areas outside of County jurisdiction such as Fairfax City and Fort Belvoir, inter-agency cooperation will be required. The SPS Study shows that stream conditions improve slightly upstream and downstream of Lake Accotink, and more research is warranted to assess the impact of the reservoir system on the mainstem environment.

## CHAPTER 3

### OTHER INITIATIVES

#### USGS Fecal Source Tracking

A 4.5 mile segment of Accotink Creek in Fairfax County, beginning at the confluence of Crook Branch and Accotink Creek to the start of Lake Accotink, was placed on the 1998 Virginia 303(d) Total Maximum Daily Load (TMDL) priority list for fecal coliform impairment. In December 1998, the United States Geological Survey (USGS), the Virginia Department of Conservation and Recreation (DCR), Virginia Department of Environmental Quality (DEQ) and Fairfax County entered into a partnership to pursue a bacteria source tracking study for Accotink Creek as part of a statewide study. Bacteria source tracking is a relatively new technique employed nationwide to positively identify the sources (e.g. human, waterfowl, deer, pets, and other warm-blooded animals) of fecal coliform in streams using genetic fingerprinting. Along with bacteria source tracking the USGS will also develop a fecal coliform TMDL for the Accotink Creek watershed. A TMDL is the loading capacity or greatest load a waterbody can receive without violating water quality standards. The TMDL calculation includes estimates of point source (e.g. municipal and industrial discharges) and nonpoint source (e.g. runoff from urban areas) loads. There are no permitted point source dischargers of fecal coliform bacteria in the Accotink Creek watershed study area. Therefore, the primary sources of fecal coliform bacteria are from nonpoint sources and may include direct runoff, stormwater outfalls, or failing septic systems. The TMDL development process will involve determining the primary sources of fecal pollution, evaluating load allocation scenarios to determine whether water quality standards in the impaired water body will be met, and implementing a plan to reverse the impairment over a certain timeframe.



#### **White Sucker**

*Catostomus commersoni*

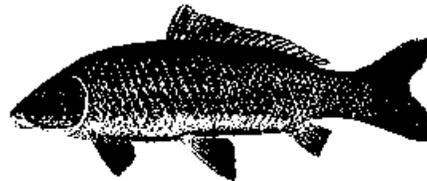
**Size:** to 16 inches

**Habitat:** most freshwater habitats of at least moderate size

**Feeding Group:** generalist invertivore

**Tolerance:** tolerant

This widespread and common sucker is highly tolerant of degraded stream conditions. It uses sensitive "taste buds" in its lips to locate food. Large juveniles and adults occupy pools that are fairly deep or that have structural shelter.



#### **Common Carp**

*Cyprinus carpio*

**Size:** to 26 inches or more, up to 60 pounds

**Habitat:** virtually any medium or large-sized, slow-moving freshwater habitat

**Feeding Group:** omnivore

**Tolerance:** tolerant

The common carp is an introduced species from Europe and Asia, where it has been cultivated for centuries. It is adaptable and hardy. They often feed by rooting in the mud for clams, worms, plants and whatever else they can find. It is a member of the minnow family.

**Appendix C-6**

**Exhibits for Minimum Control Measure #6- Pollution Prevention/Good Housekeeping for Municipal Operations:**

City of Fairfax Locality Recycling Rate Report- Calendar Year 2009  
City of Fairfax New Release- March 2010- City Provides Curbside Leaf Collection,  
Numerous Services for Spring Cleanup in April  
City of Fairfax Website- Refuse and Recycling (4)  
City of Fairfax Leaf Collection Routes  
How to dispose of Items in the City (Christmas tress etc)  
City of Fairfax Trash Routes

**Locality Recycling Rate Report**  
**PART B: DATA**

**For Calendar Year 2009**

**Part I: Principal Recyclable Materials (PRMs):** Report only PRM material generated within the reporting SWPU and recycled, NOT imported PRMs for recycling.

<u>PRM TYPE</u>	<u>RECYCLED AMOUNT (TONS)</u>
Paper	10,930
Metal	3,048
Plastic	371
Glass	314
Commingled	201
Yard Waste (composted or mulched)	7,298
Waste wood (chipped or mulched)	915
Textiles	1
Tires	700
Used Oil	281
Used Oil Filters	49
Used Antifreeze	30
Batteries	40
Electronics	4
Inoperative Motor Vehicles (see guidance)	
Other (specify: _____)	
Other (specify: _____)	
<b>TOTAL PRMs</b>	<b>24,186 (PRMs)</b>
	<b>(Enter Total on Page 2, Step 1)</b>



[www.fairfaxva.gov](http://www.fairfaxva.gov)

# City of Fairfax NEWS RELEASE

Fairfax, Virginia 22030

**MEDIA CONTACT:**

Chris Cohen, Community Relations Specialist  
703-385-7947 (voice); 711 (TTY)  
[ccohen@fairfaxva.gov](mailto:ccohen@fairfaxva.gov)

FOR IMMEDIATE RELEASE  
March 17, 2010

## **City Provides Curbside Leaf Collection, Numerous Services for Spring Cleanup in April**

FAIRFAX, Va. — April is Spring Cleanup Month in Fairfax, and the city provides many services to assist residents with spring cleaning. For information, call 703-385-7995.

**Cleanup Day** — Residents and businesses can help the city spruce up for spring by cleaning up their neighborhoods or any public areas in the city. Choose Spring Cleanup Day April 24, or any day in April during Spring Cleanup Month.

The city will provide trash bags and will collect the used trash bags on Spring Cleanup Day. For information, call 703-385-7995.

**Curbside leaf collection** — Curbside leaf collection is provided in the city in April. Please rake leaves loose to the curb. Bagged leaves will not be collected in April. Leaf-collection trucks will circulate through city neighborhoods. There is no set collection schedule.

Please keep stones, branches and other large items out of leaf piles — they damage equipment and endanger workers' safety. However, light yard debris may be included.

**Arbor Day tree planting** — Come celebrate Arbor Day at 10 a.m. Friday, April 23 as the City of Fairfax plants a tree at Providence Elementary School, 3616 Jermantown Road.

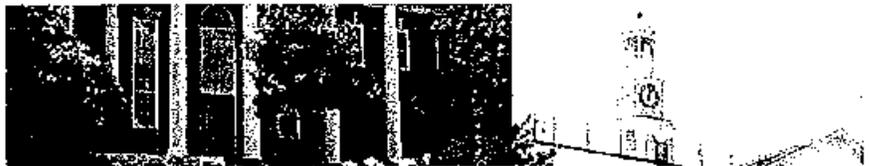
**Curbside organic collection** — Yard waste, including grass clippings and weeds, is collected from the curb on the same day as regular trash and recyclables collection. Place these organic materials in trash cans clearly marked "yard waste" or in paper or plastic bags.

**Backyard composting**— Many types of yard waste can be composted. The City of Fairfax Public Works Department has information on backyard composting. For information, call 703-385-7995.

**Don't bag it** — To save time and money, leave grass clippings on the lawn. Clippings can supply as much as 25 percent of the lawn's fertilizer requirements. Use a mulching mower, or mow every five to seven days so grass clippings will be short enough to blend with the rest of the lawn.

- 30 -

031710 — 010



List of Services

Home Residents Business Visitors City Gov't Jobs Calendar Search

**Refuse & Recycling**

- Rules and Regulations
- Commercial Recycling
- Annual Recycling Report
- Route Finder
- Route Map
- Holiday Schedule
- How to Dispose
- Where Does My Trash Go?

**Leaf Collection**

- Leaf Collection
- Leaf Collection Map

**Refuse & Recycling**

For information call 703.385.7995 or email Refuse & Recycling

The city collects refuse and recyclable items from all single family homes in the city once a week at no charge. Nearly all items are picked up on the regular collection day with no call-in required. The city also operates a recycling drop off center on Pickett Road. Highlights of the rules and regulations pertaining to city's refuse and recycling services are provided below.

**Rules and Regulations**

- Household Refuse Collection
- Recyclable Collection
- Yard Waste
- Metals/Appliances
- Leaves
- Brush and Stumps
- Lumber
- Debris
- Adopt-A-Truck
- Paint
- Household Hazardous Waste
- Contractor's Debris and Yard Waste
- Penalty

**Relevant Links**

- Fairfax County
- www.knowtoxics.com
- Contact Us

**Relevant Agencies**

- Public Works

**Household Refuse Collection**

- Refuse collection is provided to all single-family homes on a once-per-week basis.
- Refuse, non-recyclable kitchen waste and household refuse is collected. Pets must be secured.
- Sofas, mattresses, televisions, tires and carpet placed at the curb will also be collected.
- Place needles in thick plastic containers labeled "SHARPS." For more information on medical waste disposal, please visit the [Fairfax County's Web site](#)
- Refuse must be placed in plastic or metal refuse cans with lids or in plastic bags. Do not store refuse cans in the front yard.
- Residents must provide their own trash cans. Size/weight of can must not exceed 35 gallons or 60 pounds.
- Residents must place all refuse at the curb. Refuse cans must be within 150 feet of the curb.
- Refuse may be set out at the curb no earlier than dusk the evening prior to collection. Refuse cans are to be removed from the street by 8 pm on collection day.

**Recyclable Collection**

**Download Recycling Pocket Guide**

- Each household is required to recycle plastic, milk, soda and water jugs, glass bottles and jars, metal and aluminum cans, newspapers with inserts, catalogs, magazines and flattened cardboard and paperboard. Containers must be rinsed and caps or lids removed. Place newspaper in plastic or paper bags. Cardboard must be flattened and be no larger than 3'x 3'x 6".
- Collection is once per week on regular refuse collection day. **No call-in necessary.**
- City-supplied or similar plastic bins are required and must be placed at the curb by 7 AM.

- For bins, call 703.385.7995 or email. For missed pick-ups, call 703.385.7995 or email.

#### Yard Waste ▲

(grass & shrub clippings, twigs, limbs, acorns, flower & garden vegetation)

- **No call-in necessary. Pick up will be on regular household refuse collection day.** Place containers at curb on regular refuse collection day.
- All grass and shrub clippings, twigs, limbs, acorns, flower and garden vegetation may be intermixed and must be placed in plastic or paper bags, or labeled trashcans. All yard waste must be placed in containers. Do not place piles of yard waste in the street. The city will no longer clean up piles of yard waste directly from the street.
- Citizens are encouraged to leave grass clippings on the lawn or to compost. Free backyard composting classes are held four times per year. To register for a class, call 703.385.7995 or email

#### Metals/Appliances ▲

(metals are banned from the landfill)

- **No call-in necessary. Pick up will be on regular household refuse collection day.**
- Stoves, hot water heaters, air conditioners, swing sets, car parts, storm doors and windows, etc., are collected.
- Doors must be removed from refrigerators and freezers.
- Place at curb no more than 24 hours before collection day.

#### Leaves ▲

- **No call-in necessary.**
- Leaves are collected by vacuum suction trucks April 1 - 30, 2009 and November through December 2009.
- Leaves must be raked or placed at the curb or street edge. Do not mix limbs, branches, rocks, etc., with leaves as these items damage equipment. Grass clippings and acorns may be mixed with leaves.
- Bagged or canned leaves will not be collected during leaf season (April 1 - 30, and November through December, 2009).
- For collection of leaves other than dates in April, and November through December, leaves must be placed in paper or plastic bags, or trashcans and set at the curb the same as other yard waste for pick-up on regular trash collection day.

#### Brush and Stumps ▲

- **No call-in necessary. Pick up will be on regular household refuse collection day.**
- Limbs, branches, tree trunks, etc., are to be no more than 8 feet in length.
- This service is for large piles of brush or stumps only. (For small amounts of twigs, brush and limbs, see instructions for "Yard Waste.")
- Do not place piles under POWER LINES or trees, or close to shrubs, walls or vehicles. Place all piles in an open area accessible to the crane truck.
- Large piles of brush may be placed at the curb one week prior to collection.

#### Lumber ▲

- **No call-in necessary. Pick up will be on regular household refuse collection day.**
- Treated and untreated lumber must be placed at the curb in separate piles. Untreated lumber is ground into mulch; treated

lumber is toxic and must be disposed of by the city at special landfills.

- Lumber is to be no longer than 8 feet. **Please bend nails.**
- Large piles are collected by crane truck. Do not place materials under power lines or trees, or next to shrubs or vehicles. Place in an open area.
- Small amounts of untreated lumber can be placed in trash cans and set at curb with yard waste on regular trash collection day.

#### **Debris: concrete, brick, asphalt, etc. ▲**

(debris is banned from the landfill)

- **No call-in necessary. Pick up will be on regular household refuse collection day.**
- Large amounts of bulky material such as drywall, asphalt shingles, brick, concrete, rocks, plate glass, and railroad ties are collected. Separate piles.
- Loose dirt may not be placed at the curb. Please contact 703-385-7995 for details on restrictions and arrangement for pick up.
- Piles containing recyclables, such as brush, metals and leaves, will not be collected with debris.
- Small amounts of debris must be placed in trash cans weighing no more than 60 pounds.
- For propane tank disposal, tanks may be taken to Fairfax County Transfer Station, 4618 West Ox Road, and are accepted at no charge (703.324.5040 for information). Fairfax Propane also accepts tanks for a fee (703.352.5777 for information).
- Small amounts of debris not in containers will not be collected.
- Bend nails and other sharp objects.

#### **Adopt-A-Truck ▲**

The Adopt-a-Truck program runs from April through the end of September of each year. The city will park a dump truck at your home over a weekend. The homeowner loads the truck and the city picks up the truck on Monday morning. Adopt-a-trucks may be reserved for disposal of following items **only** - which are not collected curbside:

Roof Shingles  
Concrete Rubble  
Dirt/Sand

All projects must be done by the homeowner with no contractors or outside help. Only one truckload of each item will be collected per house, per year. Anything above that amount is the responsibility of the homeowner to dispose of. Call 703.385.7995 to reserve a truck or [email](mailto:email).

#### **Paint ▲**

- Oil based paint is considered to be hazardous waste, please refer to Household Hazardous Waste Information for proper disposal information.
- Latex based paints are not collected unless they are completely dried. To speed drying, leave tops off and add Kitty litter. Dried latex paint cans may be placed at the curb with tops off for collection.

#### **Household Hazardous Waste ▲**

- Pesticides, oil-based paint, gasoline, thinner and other hazardous waste must be taken by the homeowner to the Fairfax County Transfer Station located at 4618 West Ox Road. Call 703.324.5068 for information or go to the [County's web site](#) for more information.

#### **Contractor's Debris and Yard Waste ▲**

- Brush, leaves, grass clippings, building materials, etc., resulting from work performed by contractors will not be collected (Chapter 74, Section 74-4(F)(2) City Code<sup>§</sup>). Contractors are required to haul away their own debris.

**Penalty ▲**

- Repeated violations of Refuse and Recycling Regulations can result in a \$25 fine.

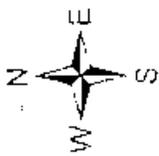
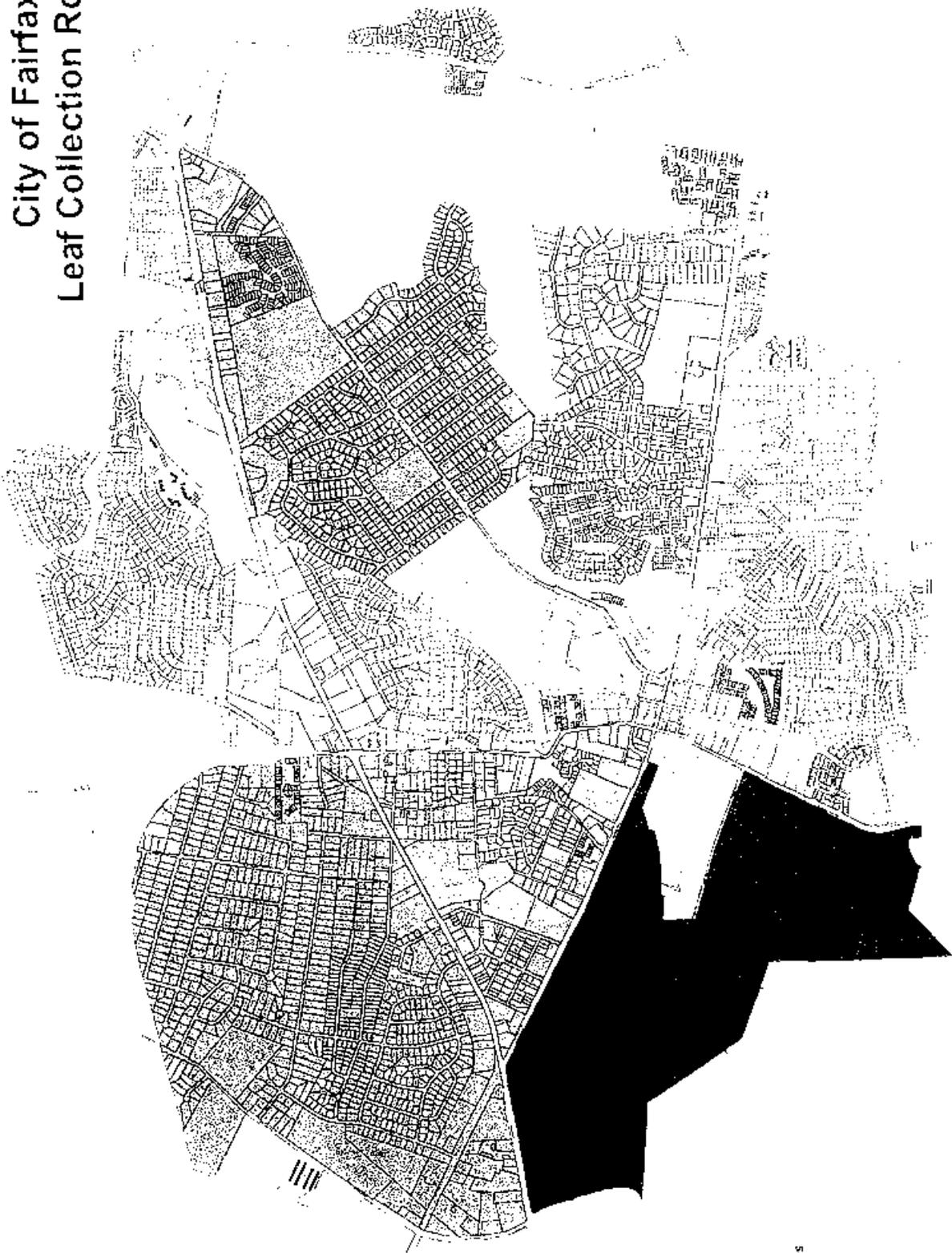
If you have any questions, please call 703.385.7995 or [email](#)

 **City Hall**  
10455 Armstrong St.  
Fairfax, Virginia 22030  
Other Gov't Offices.

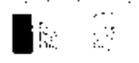
Information Provided by the **Refuse & Recycling** Division; 703.385.7995.  
[City Code](#) | [Contact Us](#) | [Privacy Policy](#) | [Search](#) | [Site Explanation](#)

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# City of Fairfax Leaf Collection Routes



Leaf Collection Routes  
ROUTE



# How to Dispose of Items in the City

**These items are picked up from the curb on regular collection day (keep them separated at the curb):**

- **Household trash** (in cans or plastic bags)
- **Recyclables** (in blue bins)  
*aluminum and metal cans; plastic beverage containers, clear, brown and green glass; catalogs, magazines, newspapers and inserts (bound or bagged in bin); corrugated cardboard and paperboard (bound next to bin) — no pizza boxes*
- **Brush, tree stumps, oversized yard debris**  
*cut branches to less than eight feet in length*
- **Building materials, debris and lumber** (treated and non-treated)  
*concrete, empty water based and latex-based paint cans, asphalt, shingles, drywall — for safety, bend nails and mark "sharps," glass and other possibly harmful materials*
- **Furniture**  
*couches, carpet, tables, televisions, mattresses, boxsprings*
- **Large appliances**  
*air conditioners, water heaters, refrigerators, washers, etc. — remove doors for safety*
- **Metal objects**  
*swing sets (disassembled), doors, chain link fences, auto parts, lawn mowers — drain motor fluids*
- **Tires**
- **Yard waste**  
*in bags, bundled or placed in trash cans marked "Yard Waste" — grass clippings, garden waste, weeds, acorns, hedge trimmings, flowers, twigs, sticks, brush less than 4 feet in length, leaves (except during curbside leaf collection season)*

These items also may be dropped off at the I-66 Transfer Station, 4618 West Ox Road.  
Hours: 6 a.m. to 6 p.m. Monday through Saturday and 9 a.m. to 6 p.m. Sunday.  
There is a disposal charge at this site. For information, call 703-631-1179.

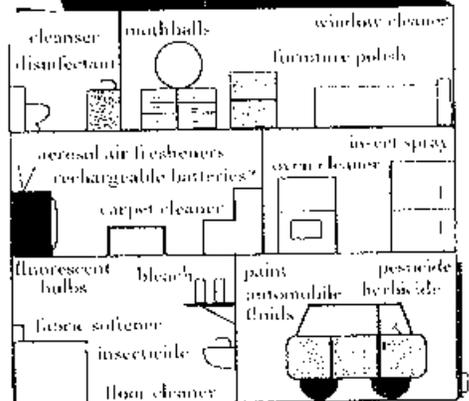
*Dirt is collected by appointment only; call 703-385-7995 to arrange for collection.*

*Leaves are collected curbside only in April and from mid-October through December. At all other times, please place leaves in plastic or paper bags at the curb on regular collection day.*

**The city will not dispose of refuse generated by contractors.**

Check out refuse and recycling information on the city's Web site: [www.fairfaxva.gov](http://www.fairfaxva.gov).

What is "hazardous waste"?



*\*Non-rechargeable household batteries may be placed in the trash.*

Take household hazardous waste to the Fairfax County Household Hazardous Waste Disposal site, 4618 West Ox Road.  
Hours: 1 - 5 p.m. Thursday, 8 a.m. to noon Friday, 8 a.m. to 4 p.m. Saturday and 9 a.m. to 4 p.m. Sunday.  
For information or questions on household hazardous waste, visit [www.fairfaxcounty.gov](http://www.fairfaxcounty.gov) or call: 703-324-5068.

Computers, televisions and other electronic equipment may be recycled for free on Electric Sundays at the Fairfax County I-66 Transfer Station, 4618 West Ox Road; 703-631-1179; [www.fairfaxcounty.gov](http://www.fairfaxcounty.gov).

## 24-hour drop-off recycling sites

City Hall (10455 Armstrong Street) in blue bin at rear loading dock  
*office paper and every type of white and colored paper*  
EXCEPTIONS: no cardboard, brown envelopes, tissues or food wrappers

Fire Station 3 (4081 University Drive)  
and Fire Station 33 (10101 Fairfax Boulevard)  
*aluminum cans only — proceeds benefit Aluminum Cans for Burned Children*

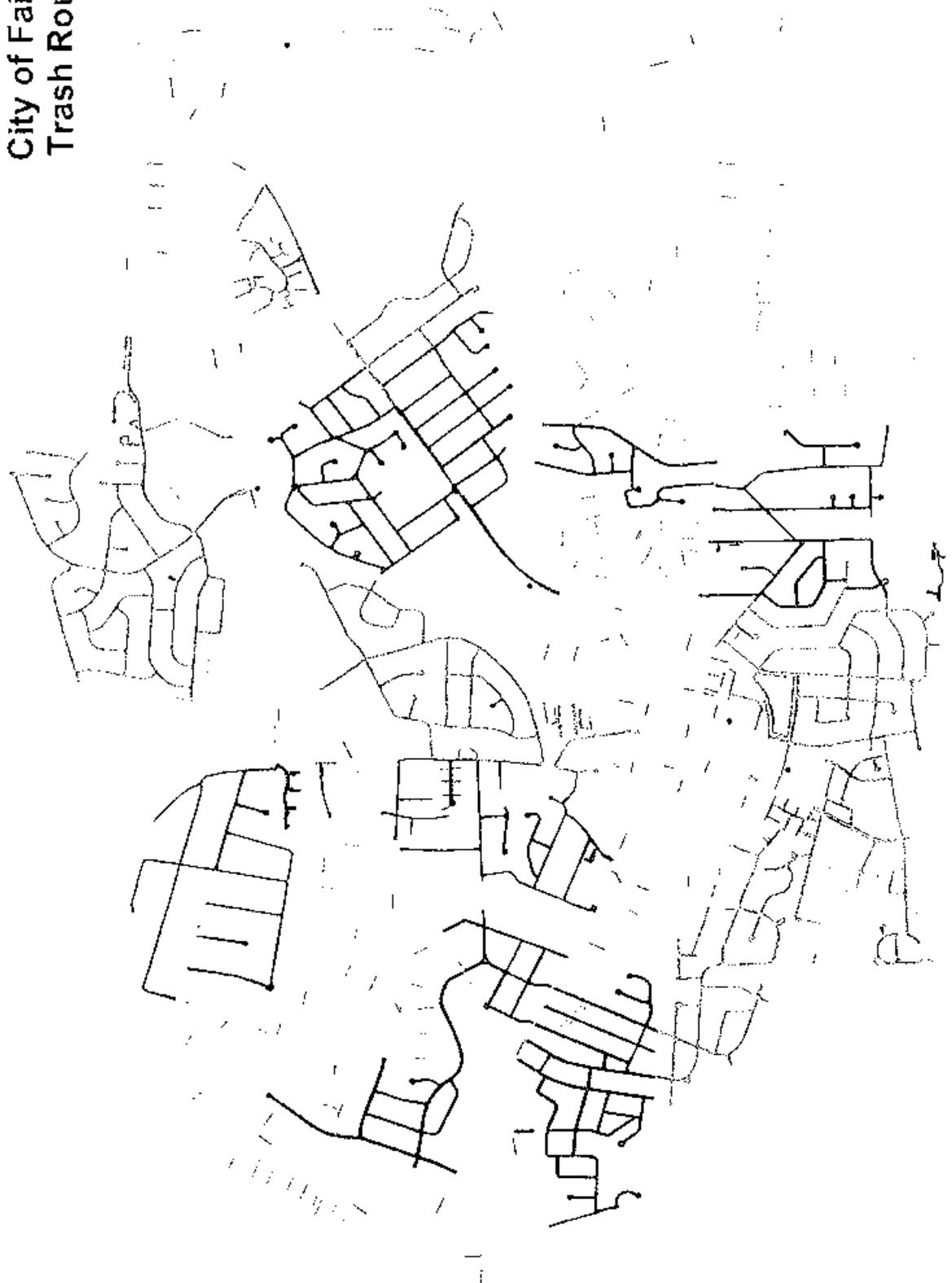
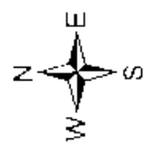
Property Yard (3410 Pickett Road)  
*metal cans; newspapers and inserts; plastic beverage containers; clear, brown and green glass; auto batteries; aerosol cans; cardboard; paper mail and envelopes, catalogs and magazines; phone books; aluminum cans; rechargeable batteries (note: non-rechargeable household batteries may be placed in the trash); antifreeze (6:30 a.m. to 3:30 p.m. weekdays only); motor oil and filters (6:30 a.m. to 3:30 p.m. weekdays only).*

Live Christmas trees are collected curbside on regular refuse collection days in January. Remove all ornaments, tinsel and garland. No call needed for collection!



Questions?  
Call 703-385-7995 or e-mail [dray@fairfaxva.gov](mailto:dray@fairfaxva.gov).

# City of Fairfax Trash Routes



- Trash Routes**
- DAY
  - MONDAY
  - TUESDAY
  - WEDNESDAY
  - THURSDAY
  - FRIDAY
  - OTHER
  - DAILY PICKUP
  - City Parks



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

**Decision Rationale**  
**Total Maximum Daily Loads**  
**Aquatic Life Use (Benthic) Impairment**  
**Difficult Run Watershed**  
**Fairfax County, Virginia**

*/Signed/*

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**Jon M. Capacasa, Director**  
**Water Protection Division**

**Date: 11/7/2008**

**Decision Rationale**  
**Total Maximum Daily Loads**  
**Aquatic Life Use (Benthic) Impairment**  
**Difficult Run Watershed, Fairfax County, Virginia**

## **I. Introduction**

The Clean Water Act (CWA) requires a Total Maximum Daily Load (TMDL) be developed for those waterbodies identified as impaired by a State where technology based and other controls will not provide for attainment of water quality standards. A TMDL is a determination of the amount of a pollutant from point, nonpoint, and natural background sources, including a Margin of Safety (MOS) that may be discharged to a water quality limited waterbody.

This document will set forth the U.S. Environmental Protection Agency's (EPA) rationale for approving the TMDLs for the aquatic life use (benthic) impairment in the Difficult Run Watershed. EPA's rationale is based on the determination that the TMDLs meet the following seven regulatory conditions pursuant to 40 CFR Part 130.

1. The TMDL is designed to implement applicable water quality standards.
2. The TMDL includes a total allowable load as well as individual wasteload allocations (WLAs) and load allocations (LAs).
3. The TMDL considers the impacts of background pollutant contributions.
4. The TMDL considers critical environmental conditions.
5. The TMDL considers seasonal environmental variations.
6. The TMDL includes a MOS.
7. The TMDL has been subject to public participation.

In addition, these TMDLs considered reasonable assurance that the TMDL allocations assigned to nonpoint sources can be reasonably met.

## **II. Background**

The Difficult Run Watershed is located mainly within the borders of Fairfax County. The City of Fairfax and Town of Vienna are located within the watershed. Difficult Run (U.S. Geological Survey (USGS) Cataloging Unit 03070008) is a tributary to the Potomac River.

The Difficult Run Watershed is approximately 37,260 acres. Segment VAN-A11R-01 of Difficult Run was first listed as bacteria impaired on Virginia's 1998 Section 303(d) Total Maximum Daily Load Priority List and Reports due to poor health in the benthic biological community. The impaired segment of Difficult Run is 2.93 miles in length, beginning at the confluence of Captain Hickory Run with Difficult Run, approximately 0.6 river miles upstream from the Route 683 Bridge, and ending downstream at its confluence with the Potomac River. The land use in the watershed is 38% forested, 24% agriculture and 18% developed.

The TMDL represents the maximum amount of a pollutant that the stream can receive without exceeding the water quality standard. Based on the evidence and data discussed within the State submittal, sedimentation caused by higher runoff flows was identified as the primary stressor impacting the benthic community within Difficult Run. Sediment loadings from land erosion were determined using the Generalized Watershed Loading Functions (GWL.F) model. GWLF model simulations were performed for 1994 to 2005 in order to account for seasonal variations and to reflect the period of biomonitoring assessments that resulted in the impairment listing of Difficult Run. Average annual sediment loads were computed for each land source based on the 11 year simulation period. In addition, average annual sediment loads from instream bank erosion, point sources, and MS4 permitted locations were determined. Point source loadings were computed based on the permitted discharge loading rate for total suspended solids. Instream erosion was estimated based on a stream bank lateral erosion rate equation. An area-weighted method was used to determine the land-based load attributed to MS4s present in the watershed.

Under the reference watershed approach, the TMDL endpoint is based on sediment loadings for the reference watershed. Sediment loadings computed for this area-adjusted watershed were used for TMDL allocations.

A summary of the sediment annual and daily loads for Difficult Run Watershed is presented in Table 1.

**Table 1. Annual Sediment TMDL for Difficult Run**

<b>TMDL</b>	<b>Unit</b>	<b>Wasteload Allocation (Point Source + MS4s)</b>	<b>Load Allocation</b>	<b>Margin of Safety (10%)</b>
6,075.8	Ton/year	3,663.2	1,805.0	607.6
16.65	Ton/day	1.67	10.04	4.95

### III. Discussion of Regulatory Conditions

EPA finds that Virginia has provided sufficient information to meet all of the seven basic requirements for establishing aquatic life use (benthic) impairment TMDLs for Difficult Run Watershed. Additionally, Virginia provided reasonable assurance that the bacteria TMDLs can be met. EPA is therefore approving the TMDL. EPA's approval is outlined according to the regulatory requirements listed below.

#### *1. The TMDL is designed to meet the applicable water quality standards.*

The TMDLs developed for the Difficult Run Watershed were based on the General Standard defined in Virginia Water Quality Standards (9 VAC 25-260-20) which provides general, narrative criteria for the protection of designated uses from substances that may interfere with attainment of such uses. The General Standard states:

*"All state waters, including wetlands, shall be free from substances attributable to sewage, industrial waste, or other waste in concentrations, amounts, or*

*combinations which contravene established standards or interfere directly or indirectly with designated uses of such water or which are inimical or harmful to human, animal, plant, or aquatic life."*

Data including biological monitoring data, habitat assessments, ambient water quality monitoring data, toxicity testing and fish tissue sampling was used to identify the stressors to the benthic community. Based on the evidence, sedimentation caused by high runoff flow was identified as a primary stressor impacting Difficult Run. Currently, Virginia does not have numeric criteria for sediment. Therefore, a reference watershed approach was used to establish a numeric TMDL endpoint for Difficult Run. The Lower Catoclin Creek watershed was selected as the reference watershed. Sediment loadings were determined for both the reference and impaired watersheds in order to quantify sediment loading reductions necessary to achieve the designated aquatic life use for Difficult Run.

**2. The TMDL includes a total allowable load as well as individual wasteload allocations and load allocations.**

The objective of the benthic TMDL for Difficult Run was to determine what reductions in sediment from point and nonpoint sources are required to meet State water quality standards. The TMDL considers all significant sources contributing sediment to the impaired streams. The sources can be separated into nonpoint and point sources. The different sources in the TMDL are defined in the following equation:

$$\begin{array}{l} \text{TMDL} = \text{WLAs} + \text{LAs} + \text{MOS} \\ \text{Where:} \\ \text{WLA} = \text{wasteload allocation} \\ \text{LA} = \text{load allocation} \\ \text{MOS} = \text{margin of safety} \end{array}$$

Table 1 provides the daily and annual sediment loads that were developed for the impaired watershed.

Wasteload Allocations

EPA regulations require that an approvable TMDL include individual WLAs for each point source. According to 40 CFR §122.44(d)(1)(vii)(B), "Effluent limits developed to protect a narrative water quality criterion, a numeric water quality criterion, or both, are consistent with assumptions and requirements of any available WLA for the discharge prepared by the State and approved by EPA pursuant to 40 CFR §130.7." Furthermore, EPA has authority to object to the issuance of any National Pollutant Discharge Elimination System (NPDES) permit that is inconsistent with the WLAs established for that point source. The following tables provide the annual and daily WLAs for each permit within the watershed. Tables 5 and 6 summarize the daily and annual wasteload allocations.

**Table 2. Point Source Wasteload Allocations for Difficult Run**

Permit No	Facility Name	TSS Load (kg/day)	Annual Sediment Loading (ton/year)	Percent Reduction
VA0024121	The Madeira School	5.6	2.25	-
Current Allocated Wasteload for the Point Source			2.25	-
Expansion for Future Growth (5X WLA)			11.3	-
<b>Total Allocated Wasteload for the Point Source</b>			<b>11.3</b>	<b>-</b>

**Table 3. Total Wasteload Allocation by MS4 Location**

Permit Number	MS4 Permit Holder	Existing Load (tons/year)	Allocated Load (tons/year)	Percent Reduction*
VAR040064	Fairfax City	5,316.6	3,595	32
VA0088587	Fairfax County			
VAR040066	Town of Vienna			
VAR040062	Total VDOT			
VAR040104	Fairfax County Public Schools			
VAR040111	George Washington Memorial Parkway			

\* The percent load reduction for the MS4s accounts for loads from developed land and instream erosion

**Table 4. Wasteload Allocation for Construction Permits**

WLA Category	Existing Load (ton/yr)	Allocated Load (ton/yr)	Percent Reduction
Construction Permits	85.3	57.7	32

**Table 5. Summary of Annual Existing and Allocated Sediment Loads**

Source	Land Use Type	Existing Load (ton/year)	Allocated Load (ton/year)	Percent Reduction
Nonpoint Source	Deciduous Forest	31.1	31.1	0
	Evergreen Forest	3.3	3.3	0
	Mixed Forest	0.0	0.0	0
	Pasture/Hay	409.4	276.8	32
	Cultivated Crop	587.2	397.0	32
	Instream Erosion	1,622.5	1,096.9	32
MS4	Nonpoint Source**	1,868.7	1,263.3	32
	Instream Erosion	3,447.9	2,330.9	32

Source	Land Use Type	Existing Load (ton/year)	Allocated Load (ton/year)	Percent Reduction
Construction Permits	Barren Land	85.3	57.7	32
Permitted Facilities	Individual NPDES Permit	2.3	11.3*	0
<b>Total</b>		<b>8,057.7</b>	<b>5,468.2</b>	<b>32</b>

\* An expansion for future growth factor of 5 was applied to the total WLA for the individual NPDES permit.

\*\* Includes loads from developed land.

**Table 6. Summary of Daily Existing and Allocated Sediment Loads**

Source	Land Use Type	Existing Load (ton/day)	Allocated Load (ton/day)	Percent Reduction
Nonpoint Source	Deciduous Forest	0.085	0.085	0
	Evergreen Forest	0.009	0.009	0
	Mixed Forest	0.000	0.000	0
	Pasture/Hay	1.122	0.758	32
	Cultivated Crop	1.609	1.088	32
	Instream Erosion	4.445	3.005	32
MS4	Nonpoint Source**	5.120	3.461	32
	Instream Erosion	9.446	6.386	32
Construction Permits	Barren Land	0.234	0.158	32
Permitted Facilities	Individual NPDES Permit	0.006	0.031*	0
<b>Total</b>		<b>22.076</b>	<b>14.981</b>	<b>32</b>

\* An expansion for future growth factor of 5 was applied to the total WLA for the individual NPDES permit.

\*\* Includes loads from developed land.

### Load Allocations

According to Federal regulations at 40 CFR §130.2(g), LAs are best estimates of the loading, which may range from reasonably accurate estimates to gross allotments, depending on the availability of data and appropriate techniques for predicting loading. Wherever possible, natural and NPS loads should be distinguished. Load Allocations are presented in Tables 1, 5 and 6.

#### **3. The TMDL considers the impacts of background pollution.**

Background pollutant contributions were considered in the TMDL development process by quantifying the loads from forests and other natural areas in the watershed.

#### **4. The TMDL considers critical environmental conditions.**

The critical condition refers to the “worst case scenario” of environmental conditions in the Difficult Run segment. Developing a TMDL to meet the water quality targets under the critical condition will ensure that the targets would also be met under all other conditions.

EPA regulations, 40 CFR §130.7 (c)(1), require TMDLs to take into account critical conditions for stream flow, loading, and water quality parameters. The intent of this requirement is to ensure that the water quality of Difficult Run is protected during times when it is most vulnerable. Critical conditions are important because they describe the combination of factors that cause an exceedance of water quality criteria. They will help in identifying the actions that may have to be undertaken to meet water quality standards.

In the case of the Difficult Run, the primary stressor resulting in the benthic impairment in the river is excessive sediment loading, which has led to siltation and the loss of benthic habitat. On an average annual basis, land-based sources and instream erosion account for 99.9 percent of the total sediment load to the stream; this includes nonpoint source loading, and loading attributed to the MS4s present in the watershed. Point source facilities contribute a marginal sediment load, based on the permitted total suspended solids (TSS) load for one permitted facilities. Therefore, most of the sediment load is delivered under high flow conditions associated with stormwater runoff. The GWLF model is a time variable model that simulates hydrology and sediment loadings on a watershed basis. Simulations were performed from April 1994 through March 2005, and account for seasonal and annual variations in hydrology and sediment.

***5. The TMDL considers seasonal environmental variations.***

Seasonal variations involve changes in stream flow and loadings as a result of hydrologic and climatological patterns. In the continental United States, seasonally high flows normally occur in early spring from snow melt and spring rain, while seasonally low flows typically occur during the warmer summer and early fall drought periods.

Seasonal variations were explicitly incorporated in the modeling approach for this TMDL. GWLF is a continuous simulation model that incorporates seasonal variations in hydrology and sediment loading. In addition, the use of an 11 year simulation period accounts for seasonal variations in loadings.

***6. The TMDL includes a Margin of Safety.***

An MOS is used to add a level of safety to the modeling process to account for any uncertainty. The MOS may be implicit, built into the modeling process by using conservative modeling assumptions, or explicit, taken as a percentage of the WLA, LA, or TMDL.

An explicit MOS of 10 percent was used for Difficult Run to account for uncertainties in the methodologies used to determine sediment loadings.

***7. The TMDL has been subject to public participation.***

The development of the Difficult Run bacteria TMDL would not have been possible without public participation. Four technical advisory committee (TAC) meetings and two public meetings were held. The first public meeting was held on August 14, 2007, at the Fairfax

County Government Center in Fairfax, Virginia, The second public meeting was held on March 5, 2008, also at the Fairfax County Government Center in Fairfax, Virginia. The meeting was noticed in *The Virginia Register of Regulations*. Three people attended these meetings.

#### **IV. Discussion of Reasonable Assurance**

EPA requires that there be a reasonable assurance that a TMDL can be implemented. WLAs will be implemented through the NPDES permit process. According to 40 CFR §122.44(d)(1)(vii)(B), the effluent limitations for an NPDES permit must be consistent with the assumptions and requirements of any available WLA for the discharge prepared by the State and approved by EPA. Furthermore, EPA has authority to object to the issuance of an NPDES permit that is inconsistent with WLAs established for that point source. Virginia will utilize its State NPDES program to ensure that WLAs will be incorporated into permits for each source.

NPS controls to achieve LAs can be implemented through a number of existing programs such as Section 319 of the CWA, commonly referred to as the Nonpoint Source Program. Additional funding sources for implementation include the U.S. Department of Agriculture's Conservation Reserve Enhancement and Environmental Quality Incentive Programs, the Virginia State Revolving Loan Program, and the Virginia Water Quality Improvement Fund.

In general, Virginia intends for the required reductions to be implemented in an iterative process that first addresses those sources with the largest impact on water quality. The MS4 permittees will need to address their WLAs with the iterative implementation of Best Management Practices.

Additional TMDL implementation information can be found in Chapter 8 of the State's TMDL document. Watershed stakeholders will have opportunity to participate in the development of the TMDL implementation plan.

## ESC Fiscal 2011 Work Plan

The purpose of this memo is to report the work and plans of the City's Environmental Sustainability Committee (ESC) since its formation in February 2010. A primary focus of the ESC has been on organizing and establishing a clear statement of its vision and mission and in selecting candidate projects for a work plan which its members believe will extend over the coming fiscal year. The organization of the ESC is nearly complete, with seven of the eight members now in place. We also are pleased to have George Mason University's Manager of Sustainability in attendance at our meetings as a liaison with the university community and resource.

Our vision, mission statement, and work plan for the City's Fiscal Year 2011 follow.

### Vision

The Environmental Sustainability Committee envisions an environmentally sustainable City of Fairfax that supports the well being of its residents.

### Mission Statement

The Environmental Sustainability Committee (ESC) is committed to guiding the City of Fairfax to become an environmentally sustainable "green city." This process involves resource conservation, the efficient use of resources in all areas, reducing the use of non-renewable resources, and developing and using renewable resources. To accomplish these goals, the ESC will identify and recommend programs and policies that will engage residents and businesses in the creation of a sustainable city.

### Work Plan for the City's FY 2011

The ESC is proceeding to develop recommendations and contributions for two efforts that are driven by outside deadlines:

- Comprehensive Plan Update: The timeframe of this work will be based on the plan schedule established by the City Planning Director.
- Potential New Stormwater Regulations and Total Maximum Daily Load Requirements: ESC recommendations to the Council will be based on the schedule established by the state and federal government for permit action implementation and any required changes to the city's stormwater regulations.

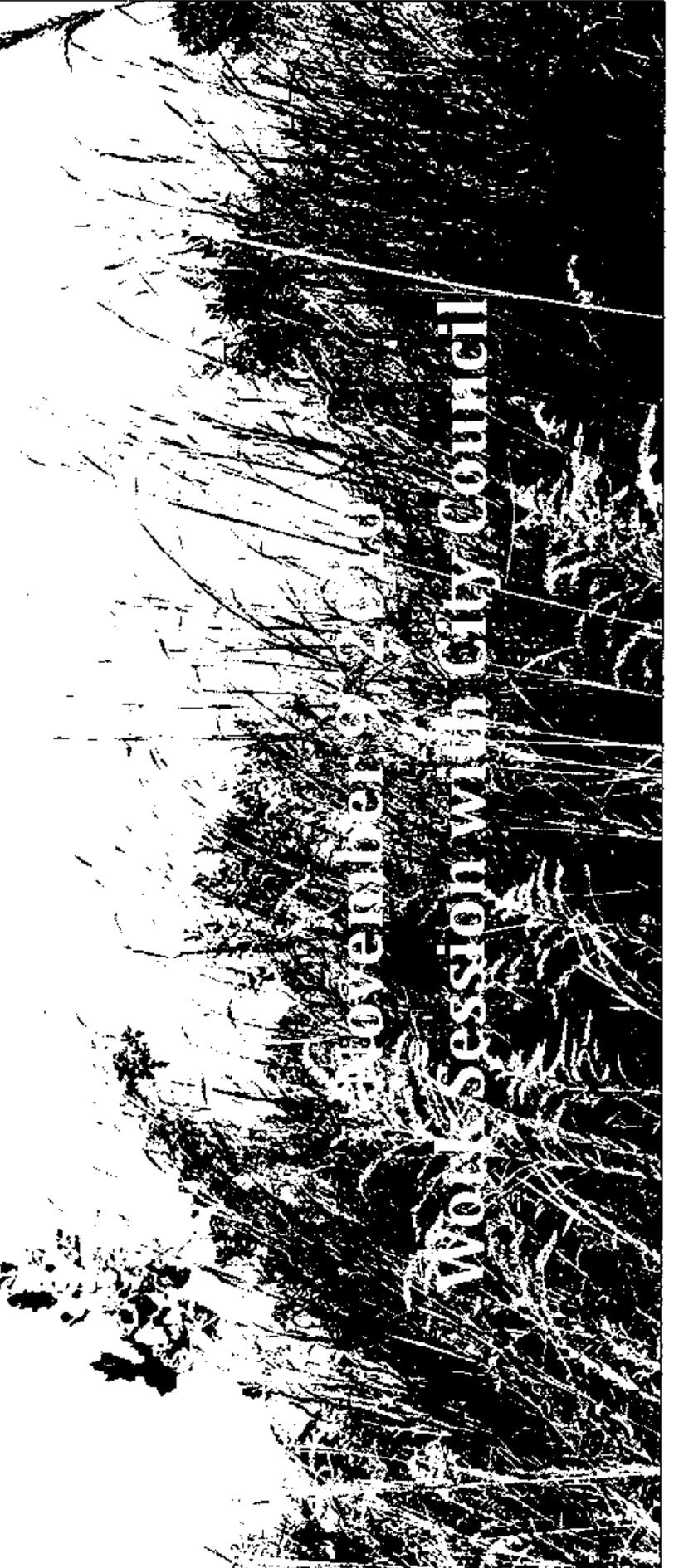
We are also working on several other environmental projects that we believe will be of value to the city and its citizens, and plan to move them forward during Fiscal 2011

including: recycling program development; environmental assessment (creation of a set of quantitative and qualitative questions and measurements that will establish a baseline of information about the city's environmental status quo) and recommendations on improving the processes by which the city accomplishes its environmental objectives ; green building policy; funding and budget opportunities, city tree/environmental policy update; identification of energy conservation programs; GMU partnership opportunities, monitoring tank facility safety efforts, and citizen outreach events.

The ESC plans to pursue these projects over the City's 2011 fiscal year, and is open to addressing additional subjects that may emerge. We welcome Council direction and input on any of the projects identified above, as well as any additional subjects the Council considers appropriate for the ESC work plan. It is our intention to provide our first annual report to the Council at the completion of the City's fiscal 2011.

*Pete*  
*some TMDL info.*

# City of Fairfax Environmental Sustainability Committee



November 3, 2010  
Work Session with City Council

# Committee Members

- Judy Fraser- Chair
- Kate Bennett
- Thomas Kennedy
- Bruce Knight
- Chris Todd
- Bob Wilkinson
- Jay Wilson-Business community member
- Lenna Storm- GMU Liaison
- Adrian Fremont- City staff representative

## Vision

The Environmental Sustainability Committee (ESC) envisions an environmentally sustainable City of Fairfax that supports the well being of its residents and businesses.

## Mission

The Environmental Sustainability Committee is committed to guiding the City of Fairfax to become an environmentally sustainable “green city.”

This process involves resource conservation, the efficient use of resources in all areas, reducing the use of non-renewable resources, and developing and using renewable resources. To accomplish these goals, the ESC will identify and recommend programs and policies that will engage residents and businesses in the creation of a sustainable city.

# Committee Projects for 2010-2011

1. Measurement of city's sustainability
2. Sustainable development guidelines
3. Comprehensive Plan review participation
4. Energy efficiency programs
5. Review of city environmental policies
6. City and regional partnerships
7. Outreach and education activities
8. Monitoring storm water regulations
9. Funding strategies

# How Environmentally Sustainable Are We?

- **Develop index of environmental sustainability indicators for City of Fairfax**
- **Measure and establish a baseline of quantitative and qualitative information**
- **Ownership of index requires we involve employees, citizens and businesses**
- **“Macro” indicators to promote the City**
- **“Micro” indicators to examine and improve operational processes**

# Sustainable Development

- Sustainable development is now an expectation of government, private industry and citizens.
- LEED is not the only option for building green. The city can create guidelines that are tailored to the city.
- Sustainable development guidelines need to be an economic incentive for those who want to do business in the city .

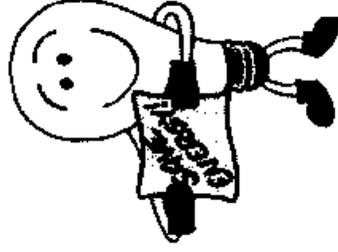
# Comprehensive Plan Review

- Integrate sustainability into the Comprehensive Plan
- Participate in current Comprehensive Plan review



# Energy Efficiency Programs

- Monitor status of government energy assistance programs
- Identify potential strategies for encouraging energy and resource efficient improvements to homes, businesses and government



# Review of Environmental Policies

- Tree planting and conservation
- Identify updates to current regulations
- Coordinate tree initiatives with other city groups



# City and Regional Partnerships

- George Mason University – resource and partner
- GMU Sustainability Institute Grant
- Vienna and Falls Church dialogue; “healthy competition”
- NV Soil and Water Conservation District
- Reach out to city committees, COG, NVRPA, neighboring counties, business community, ACE, private organizations.

# Outreach and Education

- Identify potential platforms: Fall Festival, Parade, Earth Day, workshops, CityScene, library, seminars, markets, recycling committee, school programs, stormwater education, civic associations
- Only as good as our outreach
- Lead by example – City services need to be green



# Monitoring of Stormwater Issues

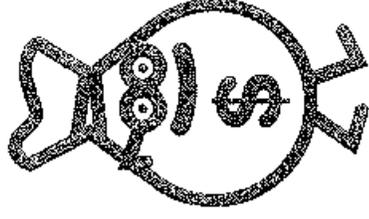
- Increased focus on regional water quality impacts from urban stormwater runoff
- Draft Total Maximum Daily Load (TMDL) allocations-
  - Accotink TMDL
    - EPA is proposing a 53 % reduction in flows into Accotink Creek from Fairfax City
  - Chesapeake Bay TMDL
    - EPA is proposing significant reductions for nitrogen, phosphorus and sediment loads

# Impacts of TMDLs

- TMDL allocations will be incorporated into enforceable municipal stormwater permits and construction stormwater permits impacting both new and redevelopment projects and requiring retrofits to existing development.
- Depending on Watershed Implementation Plan requirements, additional costs for stormwater facilities may well be required as soon as next year.

# Funding and Allocation of Resources for Sustainability Initiatives

- Approach will be to identify sustainability measures that provide a positive return on investment
- Identify possible reallocations of existing expenditures based on goal of sustainability
- Grant opportunities

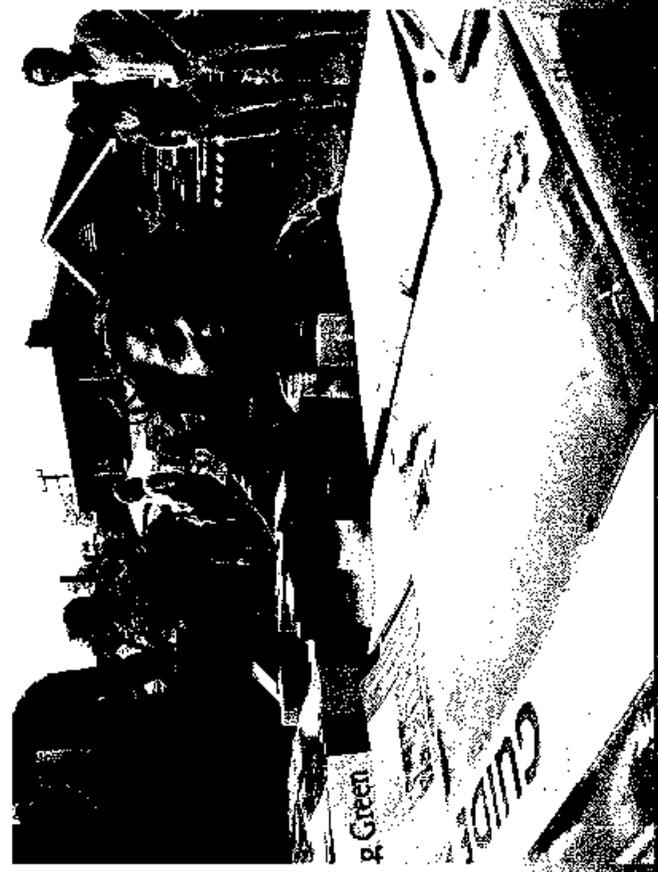


# RECAP

- **Priorities:**
  - Stormwater requirements
  - Comprehensive Plan
  - Sustainable development guidelines
  - Energy efficiency
- **Strategies:**
  - Measure city's sustainability
  - Develop city and regional partnerships
  - Create outreach and education activities
  - Review City's environmental policies
  - Identify funding opportunities

**Fairfax City has many opportunities to become  
more sustainable.**

**With community and Council support the City  
of Fairfax can be a greener, more sustainable  
city for our children.**



Questions?

