

# APPENDIX B

## MINIMUM CONTROL MEASURE 2

### MS4 ANNUAL REPORT

#### CONTENTS

- Environmental Policy Commission (EPC) FY13 Annual Report
  - EPC Agenda 9.16.13
  - EPC Minutes 9.16.13
- EPC Agenda, Meeting Information 11.18.13
  - EPC Presentation 11.18.13
- EPC Public Meeting Advertisement 4.7.14
- EPC Public Meeting Advertisement Receipt
  - EPC Agenda 4.7.14
  - EPC Minutes 4.7.14
- EPC Meeting Notes 4.7.14
- Earth Day 2014 Web Page
- Alexandria News: Earth Day 2014 Story
- Earth Day Stormwater Survey Results
- Alexandria News: Potomac Watershed Cleanup Story
  - 19th Annual International Coastal Cleanup Flyer
  - Four Mile Run and Monticello Park Clean Up Flyer
  - Holms Run Park Clean Up Flyer 10.26.13
  - Holmes Run Park Clean Up Flyer 5.10.14
- Four Mile Run and Holmes Run Cleanup eNews 10.21.13
- 28<sup>th</sup> International Coastal Cleanup eNews Announcement 9.12.13
- Alexandria News: Alexandria Wins Regional Trash Award Story



---

## Fiscal Year 2013 Annual Report

July 1, 2012 – June 30, 2013



ADOPTED SEPTEMBER 7, 2013

## 1. Introduction

The Alexandria Environmental Policy Commission (EPC) was established under Chapter 4, Article M, of the City Code to **“advise and make** recommendations to the City Council and, when appropriate, to the Planning Commission and City Manager.” This report provides a summary of EPC activities during Fiscal Year 2013 (FY13).

## 2. Who We Are

The Alexandria City Council established the EPC in 1970 to advise and make recommendations to the City Council and, where appropriate, to the Planning Commission and City Manager, on matters relating to the following:

- Clean air;
- Land use;
- Noise pollution and abatement;
- Pesticides, herbicides and contaminants;
- Solid waste;
- Water quality and supply;
- Other matters referred to the EPC by the City and citizens; and
- **Other topics relating to the conservation and protection of Alexandria’s environment.**

The EPC consists of 13 members, including five members from the field of environmental sciences, five citizen-at-large members, one member from the field of urban planning, one member with experience in Federal or state environmental statutes/regulations, and one representative from the Alexandria business community. The EPC may work with other organizations furthering the environmental aims of the City.

The table below identifies the Alexandrians who served on the EPC during FY13.

Scott Barstow ( <i>Chair</i> )	Kurt Moser
James Kapsis ( <i>Vice Chair</i> ) <sup>2</sup>	Peter Pennington <sup>1</sup>
Patrick Holman ( <i>Secretary</i> ) <sup>2</sup>	Josh Sawislak
Chinling Chen <sup>1</sup>	Ryan Sloan
Danielle Fidler <sup>1</sup>	Monica Starnes <sup>2</sup>
Samuel Gaugush <sup>2</sup>	Steve Walz
Geoffrey Goode	Ryan Wojtanowski <sup>2</sup>
Rebecca Jablon	

<sup>1</sup>Membership expired during FY13.

<sup>2</sup>Membership began during FY13.

The EPC is very grateful for the help and assistance given by past members, including Jennifer Hovis who once again chaired the FY13 Earth Day festival.

The EPC meets twice a month, a working meeting and a business meeting. Other meetings may be called by the Chair as necessary. All meetings are open to the public and notification of

meetings is given in due time through the normal City routines. Minutes of these meetings may be found on the EPC City website: <http://alexandriava.gov/EnvironmentalPolicyCommission>

Throughout the year, the EPC has been well served by the staff of the Department of Transportation and Environmental Services (T&ES), Office of Environmental Quality. The EPC wishes to express its gratitude for the time, expertise and devotion to duty shown by T&ES leadership and staff.

### 3. FY13 EPC Priorities

On September 8, 2012, the EPC held its annual retreat to review past progress and set goals for the coming twelve months. It was agreed that the EPC would:

- **Encourage the City Council to establish and fund a sustainability coordinator/public education and outreach position, as described in the Environmental Action Plan 2030 (EAP), as adopted by Council on June 23, 2009, and the Energy and Climate Change Action Plan (eCAP).**
- Promote aggressive business support of the Eco-City Alexandria concept with the business community as a way to increase leisure and business visitors to the city, including advancing the Green Business Recognition Program.
- Continue to work with the City to produce an educational Earth Day festival with a primary objective of educating children.
- **Explore and support actions and concepts that drive individual citizens to reduce energy usage and greenhouse gas generation, including investigating Opower and similar initiatives.**
- **Explore opportunities for enhancing bicycle/pedestrian infrastructure**
- Remain available at any time to advise the City Council on environmental issues, and attend public functions and address groupings (such as business and area associations) to advise on environmental issues.
- Improve its modes of communication so as to achieve the above.

The EPC's annual retreat to review recent progress and discuss priorities for FY14 was held on September 7, 2013.

### 4. FY13 EPC Activities

City staff provided continuous updates to the EPC and sought EPC input on other developments in the City, such as:

- Progress reports on storm water and combined sanitary sewer management;
- Progress reports on the implementation of the EAP and Eco-City concept;
- Climate change adaption actions;
- Annual Green Building Report;
- Urban Forestry Master Plan;
- Beauregard Small Area Plan;
- Waterfront Small Area Plan;
- LOCAL MOTION Commuter Challenge;
- Bikeshare developments;
- Drinking water supply;

- Recycling; and
- Rapid transit.

The EPC met with the newly elected City Council and local State Representative to discuss **Alexandria's** environmental progress and goals moving forward.

The EPC welcomed the public to attend meetings and present issues of concern to the commission.

The EPC wrote to the City Council, or to other City commissions, on a number of issues, including:

- FY14 City Budget;
- Public Health Advisory Commission Action Plan on Respiratory Health;
- Public versus Private Use of Wales Alley;
- Support of Opower for Encouraging Citizen-Driven Energy Efficiency; and
- Dyke Marsh Remediation Plan.

During FY13, the EPC worked with several other City commissions and groups to address water quality, energy, air quality, green building, transportation and open space issues facing the City. Members of the EPC continued to serve in an official capacity on the following City commissions and working groups:

- **Beauregard Re-Zoning Advisory Committee**
- Mirant Community Monitoring Group (recast as the **Potomac River Generating Station Monitoring Group in December 2012**);
- Earth Day Planning Committee;
- Waterfront Commission;
- Potomac Yard Metrorail Implementation Work Group;
- Transportation Commission;
- Four Mile Run Joint Task Force; and
- Ad Hoc Fort Ward Park and Museum Area Stakeholder Advisory Group.

In addition, EPC members attended planning meetings, Alexandria City Public School meetings and other commission meetings, such as the Affordable Housing Advisory Commission and Parks and Recreation Commission, in an informal capacity.

#### Site Visits

The EPC toured, and discussed future plans with, Alexandria Renew Enterprises (AlexRenew), including **Virginia's State-of-the-Art Nitrogen Upgrade Program (SANUP)** and how AlexRenew is meeting **SANUP's** requirements and mandates.

#### Community Outreach Activities

The EPC has continued to participate in a variety of community events in order to conduct outreach on the Eco-City Alexandria and the potential role for citizens in carrying out the EAP. The EPC **continued to support the City's Green Building Workshop program and has assisted** with bicycle and pedestrian count surveys. In November 2012, the EPC gave its first **neighborhood association presentation to the Lynnhaven Citizen's Association, and plans to** continue to explore opportunities to engage these community groups.

During FY13, the EPC continued to work with the Beatley Library on the development of a Film Festival, with the possibility of an Eco-City film night. There are hopes to tie in the festival with the overall Alexandria Film Festival and with future Earth Day celebrations.

**EPC's public website** (<http://alexandriava.gov/EnvironmentalPolicyCommission>) provides an up-to-date **account of EPC's activities, including meeting agendas and minutes, annual reports, and information on Eco-City Alexandria and the city's Environmental Action Plan 2030.** In addition, the EPC maintains its own web-based Eco-City forum ([www.alexpc.com](http://www.alexpc.com)) and annually publishes a report on Eco-City progress and key environmental indicators

#### Green Business Recognition Program

In FY12, a subgroup of EPC members worked with the Alexandria Convention & Visitors Association (ACVA) to develop a new green business recognition program (<http://www.visitalexandriava.com/alexandriagreenbusiness/>). The program is recognized under ACVA and supported by Eco-City Alexandria. Businesses located within the city and who are certified through a third-party program can apply to the ACVA. The ACVA, with assistance from the EPC, verifies that the third-party program is legitimate. Once verified, the business will be **advertised on the ACVA's website as "green"**. EPC continues to work with the ACVA to encourage participation in this program.

#### Alexandria Earth Day

Alexandria Earth Day 2013 was celebrated at Ben Brenman Park on April 20, 2013. The theme for the 2013 Earth Day **was "Water: Every Drop Counts."** Hosted by the Department of Transportation & Environmental Services (T&ES), Office of Environmental Quality, Department of Recreation, Parks and Cultural Activities and EPC, the event included educational exhibits and demonstrations, hands-on activities for children, an annual tree sale, and the 3rd annual Trashion Fashion Show, where Alexandria City Public School students showcased **'upcycling'** through fashion, art, or song. The nearly 50 exhibitors were required to sign a zero-waste contract in order to participate in the event in an effort to recycle or compost all waste materials.

#### Ellen Pickering Environmental Excellence Award

In FY09, the EPC partnered with the Alexandria Sanitation Authority (now AlexRenew) to establish the Ellen Pickering Environmental Excellence Award. This is the first award program in Alexandria to formally recognize outstanding citizens who have demonstrated their commitment to protecting the natural environment and promoting sustainability. In addition to citizens, an Alexandria group, club, organization or corporate neighbor were also eligible to be nominated. **The award is named in honor of Frances Ellen Pickering's lifelong dedication to preservation and conservation in the City of Alexandria.** As part of the annual Earth Day celebration, the EPC and AlexRenew announced the selection of Danielle Fidler as the recipient of the fifth annual award. A former chair and long-time member of the EPC, Ms. Fidler was instrumental in the development and adoption of the landmark Eco-City Alexandria Charter and Environmental Action Plan.

#### Eco-City Alexandria

The Eco-City *Environmental Action Plan 2030* (EAP) was formally adopted by City Council in June 2009, and it outlines the goals and activities that will help the City and its residents achieve the vision outlined in the Eco-City Charter. The charter, which was the first of its kind in the region, outlines the City's guiding principles and vision for a sustainable Alexandria.

The EAP establishes general policy goals, identifies specific action steps, sets tentative timelines and develops measures of success. These goals serve as the bridge between the Charter's sustainability vision/principles and the specific actions (e.g., policies, programs and projects) that may be undertaken by the City, EPC and the community in the coming years. The plan contains goals, preliminary targets and actions spread across the ten principles initially identified in the charter:

- Land Use & Open Space;
- Water Resources;
- Air Quality;
- Transportation;
- Global Climate Change and other Emerging Threats;
- Building Green;
- Solid Waste;
- Environment and Health;
- Energy; and
- Implementation.

City staff initiated development of the *Energy and Climate Change Action Plan* (eCAP) in early FY11, building upon commitments in the *Eco-City Charter* and *Environmental Action Plan 2030*, as well as important findings in the City's 2009 emissions inventory. The eCAP builds on the EAP by identifying discrete actions that will help Alexandria lead the growth of a new green economy, address the challenges of climate change and maintain our high quality of life while decreasing the city's carbon and ecological footprints. The eCAP also proposes key steps in adaptation planning to limit the damages we face from climate change and reduce the long-term costs of responding to climate-related impacts. The draft plan was made available for public comment, and was adopted by City Council in its final form in May 2011.

Continued outreach and focus on the EAP and eCAP has been a priority to the EPC during FY13. City staff developed key environmental indicators on Eco-City progress and a format to show how the indicators are progressing each year. The EPC worked with City staff to refine the development and presentation of these progress indicators. These indicators are enclosed as Attachment 1.

In June 2013, current and former EPC members met with Sir Robert Harvey, former Mayor of Waitakere, New Zealand and driving force behind the Eco-City concept, in a public forum hosted by Virginia Tech's Metropolitan Institute. At this forum, participants discussed progress made to-date against the goals of Eco-City Alexandria and the EAP, and highlighted the need for continued efforts to expand implementation activities and actively involve citizens. Subsequent to this event, the EPC devoted an entire working session to discussing strategies for achieving broader participation in Eco-City Alexandria in the near future.

## 5. FY14 EPC Priorities

The EPC held its annual retreat in September 7, 2013 to determine its priorities for the new fiscal year.

## 6. Recruitment Plans

During FY13, there were 3 member resignations and 5 new appointments. The current membership consists of 12 members with one vacant position is being advertised and expected to be filled in September 2013. Since there is a good base of environmental professionals living in the City, the commission keeps track of a list of potential members and encourages these individuals to participate in EPC meetings and activities while waiting for vacant positions.

## 7. Leadership Plans

The commission elects leadership positions (Chair, Vice-Chair, Secretary, Earth Day Chair) on an annual basis and elections normally take place during the end of the fiscal year. Since environmental impacts and issues permeate every facet of our economy and society, EPC covers an unusually broad range of issues, including solid waste and wastewater management; business outreach; transportation; small area plans and neighborhood development; parks, open space, and tree cover; and energy use and the built environment. Consequently, members of EPC (aside from those in elected leadership positions) necessarily take on leadership responsibilities in covering specific issues, and serving as liaison for us with other advisory groups and organizations. EPC is also unusual among City advisory commissions in holding biweekly meetings, which fosters a strong level of familiarity and coordination between members. In short, leadership, leadership planning, and leadership discussions occur on a regular basis in EPC's work. This enables seamless, organic leadership transitions for the elected positions each year.



## AGENDA

### EPC REGULAR MEETING

Monday, September 16, 2013

7:30 PM – 9:00 PM

City Hall, Conference Room #1101

7:30 – 7:35	Welcome and Introductions
7:35 – 7:40	Public Comments
7:40 – 8:00	Alex Renew Update – Karen Pallansch, CEO, Alex Renew
8:00 – 8:15	VA Stormwater Management Act, Chesapeake Bay TMDL, MS4, VSMP Regulations, CSO Permit – Dr. Claudia Hamblin-Katnik, Watershed Administrator, T&ES/OEQ
8:15 – 8:30	Green Sidewalks, Stormwater BMP Design Guidelines for Rights-of-Way - Daniel Imig, T&ES/OEQ & Jim Roberts, P&Z
8:30 – 8:50	EPC Annual Retreat Follow-up <ul style="list-style-type: none"><li>• Eco-City Budget</li></ul>
8:50 – 8:55	Staff and Commission Member Updates
8:55 – 9:00	Administrative Updates <ul style="list-style-type: none"><li>• Approval of Minutes</li></ul>
9:00	Adjourn

**Environmental Policy Commission Minutes**  
**September 16, 2013 EPC Regular Meeting**  
**City Hall, Room 1101**

**EPC Members in Attendance**

✓	Scott Barstow	✓	Jim Kapsis	✓	Steve Walz
✓	Sam Gaugush	✓	Kurt Moser	X	Ryan Wojtanowski
X	Geoffrey Goode	X	Josh Sawislak		
✓	Patrick Holman	✓	Ryan Sloan		
X	Rebecca Jablon	✓	Monica Starnes		

[✓ = In attendance    X= Absent]

**City Staffin Attendance**

Bill Eger, Claudia Hamlin-Katnik, Dan Imig, Jim Roberts, Bill Skrabak, Khoa Tran

**Begin 7:30 PM**

**Welcome and Introductions**

**Public Comments**

- None

**Alex Renew Update – Karen Pallansch, CEO, Alex Renew**

- Provided an overview of AlexRenew history and operations within Alexandria City and neighboring regions, including the name change that took effect in April 2012 (formerly Alexandria Sanitation Authority)
- Provided an update/overview on the State-of-the-Art Nitrogen Upgrade Program (SANUP), which reflects a successful teaming arrangement with the Carlisle Development Group and the neighborhood at-large; also included at this location is a new wet weather pumping station to significantly improve TMDL from CSO 004, with a potential for CSO 003
- Provided an update on Four Mile Run Pump Station Upgrade project; as a result of public outreach, AlexRenew is exploring cost-effective educational landscaping outside Cora Kelly Elementary School
- Provided an update on AlexRenew reclaimed water initiative (purple pipe). Carlisle Development will be a customer; will work with Covanta to gauge interest in building infrastructure in the Eisenhower corridor
  - Covanta has run laboratory tests on water purity and found no issues; a larger issue is the projected return on investment of installing a purple distribution line
- In October, AlexRenew will begin cleaning and inspecting the Potomac Interceptor to reduce the potential for sewage and debris backup; work will be done after 10pm; significant public outreach is occurring in advance of start-up.
- The Board of Directors for AlexRenew approved new rates on July 23; consumers using less than 45k gallons will see lower rates; reflect stabilization of rates moving forward; bay protection charge remains the same
  - J. Kapsis asked how rates had previously been kept stable. Previously, there was a reliance on grants and keeping operations and maintenance and construction steady, well planned and forward looking, and debt appropriately balanced.

- An open house is scheduled for October 12 from 10am to 2pm and will include rain barrel demonstrations

**VA Stormwater Management Act, Chesapeake Bay TMDL, MS4, VSMP Regulations, CSO Permit – Dr. Claudia Hamblin-Katnik, Watershed Administrator, T&ES/OEQ**

- Provided an overview on current actions regarding the development of a city ordinance to balance regulatory needs defined by Article 13 of the Virginia Storm Water Management Act.
- Four elements interrelate that feed Alexandria City ordinance discussions: Municipal Separate Storm Sewer Systems (MS4) permit, Chesapeake Bay Total Maximum Daily Load (TMDL), Combined Sewer System (CSS) permit, and Virginia Storm Water Management Program (VSMP)
  - The combined impact is that the quantity and quality of storm water discharges become much more stringent; the interrelated nature creates significant challenges in balancing actions.
- A final draft of the ordinance is due to Virginia Department of Environmental Quality by December 15, 2013; it must be approved by Council by April 1, 2014, and put into effect by July 1, 2014.
- J. Kapsis questioned the budget impact of the new ordinance. Staff responded that it will likely result in more inspections, that may be offset by the collection of fees above the state minimum; this is an acceptable course of action, as this is a component of the existing ordinance
- S. Walz questioned how the city was going about public outreach. Staff responded that while no outreach was mandated for updating the ordinance, it is being conducted in conjunction with other related permitting. The city has gone above and beyond in many respects, including protection of intermittent streams through novel implementation that provides greater discretion to users with greater benefits
- S. Walz questioned how the ordinance would handle discharges during rain events. City staff responded that they were being proactive in preparing for such events, including integrating green infrastructure into the CSO and updating signs with pictograms to warn against use near outfalls following rain events. The CSO permit is also structured to minimize impacts that might result from rain events (e.g., 5 million gallon surge capacity)

**Green Sidewalks, Stormwater BMP Design Guidelines for Rights-of-Way - Daniel Imig, T&ES/OEQ & Jim Roberts, P&Z**

- Provided an overview of the use of green sidewalks, noting their value for reducing sediment, phosphorous and nitrogen from entering the storm system and ultimately the Chesapeake Bay; they will primarily be used for new road/intersections required for development.
- Design guidelines have been drafted; the process started in March 2012 and has involved interactions with design experts and consultants, as well as third party structural reviews. Reached out to Northern Virginia Building Industry Association
- Plan would be for developers to install and city to maintain (although it is recognized that the owner of the property would have interest in maintaining the cleanliness; negotiation would occur regarding the aesthetics of the applications (e.g., tree wells and continuous strips).
- Public outreach will occur in September 2013; plan to bring to the Planning and Zoning Commission and the City Council in the Fall/Winter timeframe
- Potentially, these guidelines may be used in improvements along the Eisenhower corridor, as well as in the Beauregard Master Plan.

- M. Starnes questioned what incentives exist to compel the adoption of these features. Staff responded that it will be a mandate in new construction; also, the use of collected storm water can lessen need to purchase water
- P. Holman questioned whether there will be flexibility in the application of guidance. City staff responded that instances would be reviewed on a case-by-case basis
- K. Moser questioned whether there are any gains in using pervious surfaces. City staff responded that they are optimistic that this will be the case, but it will be handled on a case-by-case basis, focusing on redevelopment opportunities (e.g., small area planning)
- J. Kapsis questioned the impact of the features on green space goaling vis a vis development. City staff responded that the impact would be less than 5 percent; 1-2% at the most.
- S. Walz questioned whether the type of trees and other plant species were covered in the guidance. City staff responded that they were and that the types were chosen for adaptability to different temperature conditions.

#### **EPC Annual Retreat Follow-up – Eco-City Budget**

- Discussion of issues related to an Eco-City budget was deferred to the next meeting; there was general agreement that the EPC should develop a letter of support for City Council consideration in the FY 2015 budget process, and that EPC members should conduct outreach with council members.

#### **Staff and Commission Member Updates**

- R. Sloan and S. Walz spoke regarding an upcoming public meeting to discuss bike lanes on King St. between Russell St and Janney's Lane, to be held on September 18.
- City staff noted that there are two EPC positions open; discussion was held regarding the classification of the open positions (i.e., citizen or special professional field members)
- City staff updated the EPC on on-going discussions regarding air permitting and the proposed increase in off-loading of ethanol at the Norfolk Southern facility
  - It is likely that Norfolk Southern is exempt from additional air permitting requirements; Norfolk Southern has requested a final determination.
  - Observed better communication between Norfolk Southern, the city and surrounding communities; even if the exemption is affirmed, DEQ will hold a public information meeting.

**Adjourn 9:15 PM**



## Environmental Policy Commission Information Meeting on **City's** Draft Environmental Management Ordinance and Erosion and Sediment Control Ordinance

*November 18, 2013, 7:30 p.m. to 9:15 p.m.  
City Hall, Sister Cities Conference Room 1101*

### DRAFT AGENDA

7:30 – 7:35	Introductory Remarks by Scott Barstow, Chair of the Alexandria Environmental Policy Commission
7:35 – 8:20	Staff Presentation on City's Draft Environmental Management Ordinance and Erosion and Sediment Control Ordinance
8:20 – 9:00	Public Comments Period
9:00 – 9:15	Next Steps & Concluding Remarks

# Amendments to the Environmental Management Ordinance

Environmental Policy Commission  
November 18, 2013

# Purpose

- Urban Water 101 – How does water cause pollution, how do we manage it?
- Why change the Ordinance?
- The Ordinance as it exists today.
- What do we want to keep?
- What do we want to change?
- Next steps

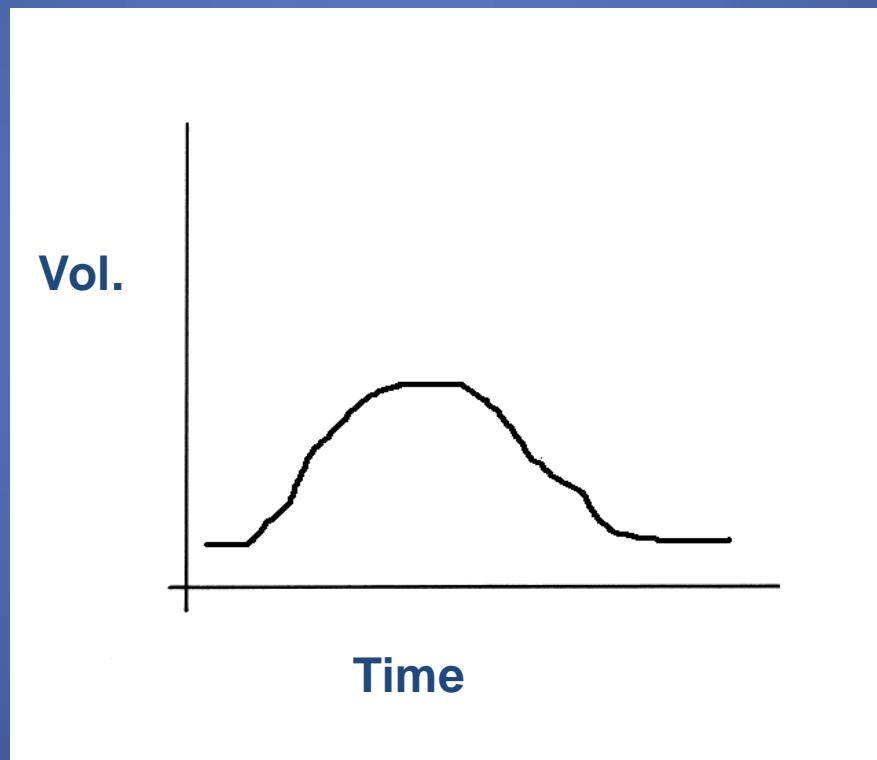
# What is Stormwater?

- That water that runs off impervious and pervious areas
  - Into stormdrain system
  - Into streams
    - Into Potomac River
    - Into the Chesapeake Bay

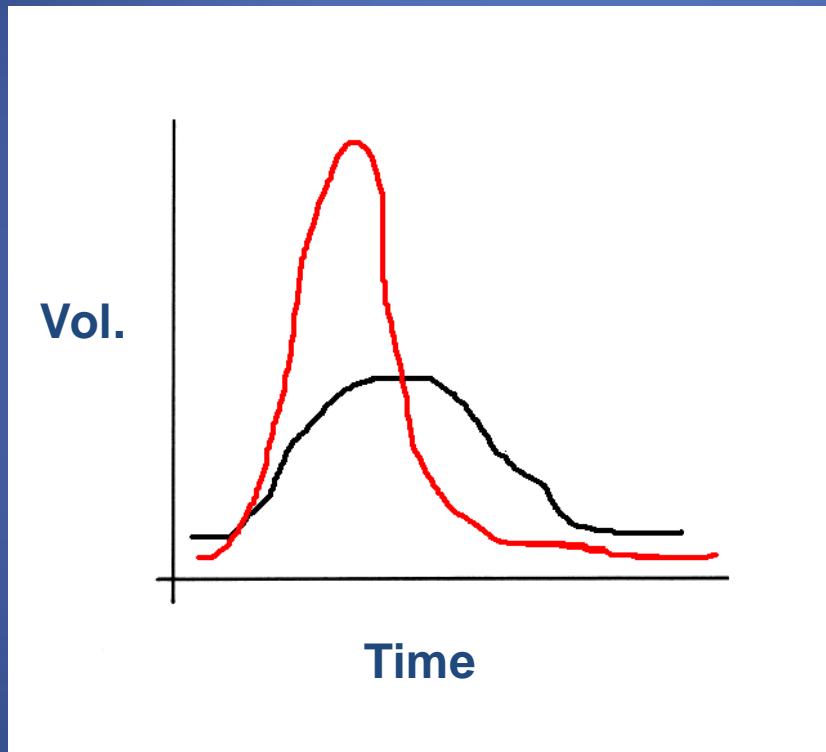
# Urban Waters 101

- What does impervious surface have to do with anything?

# Hydrograph

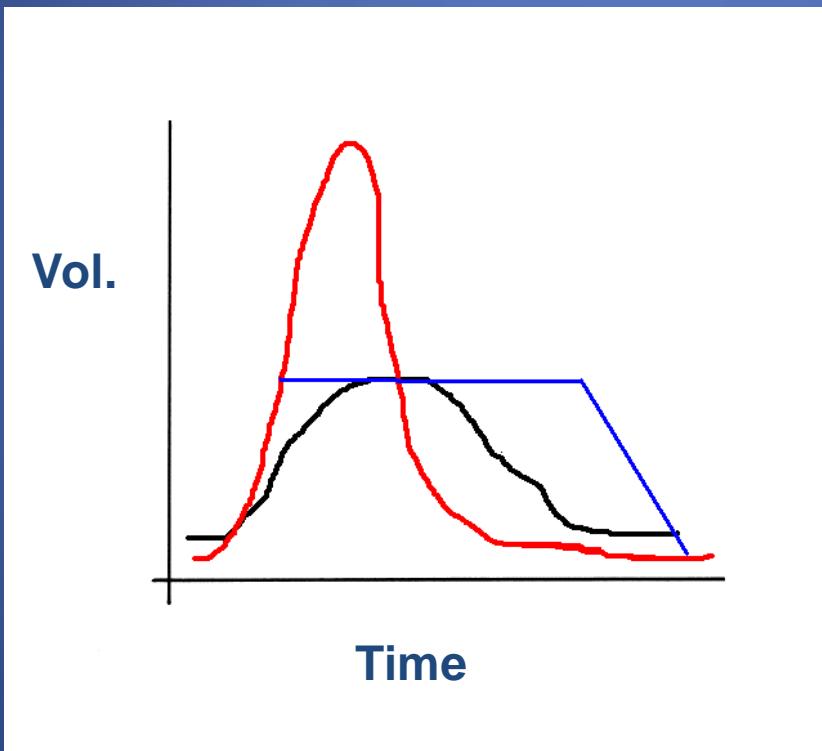


# After Development



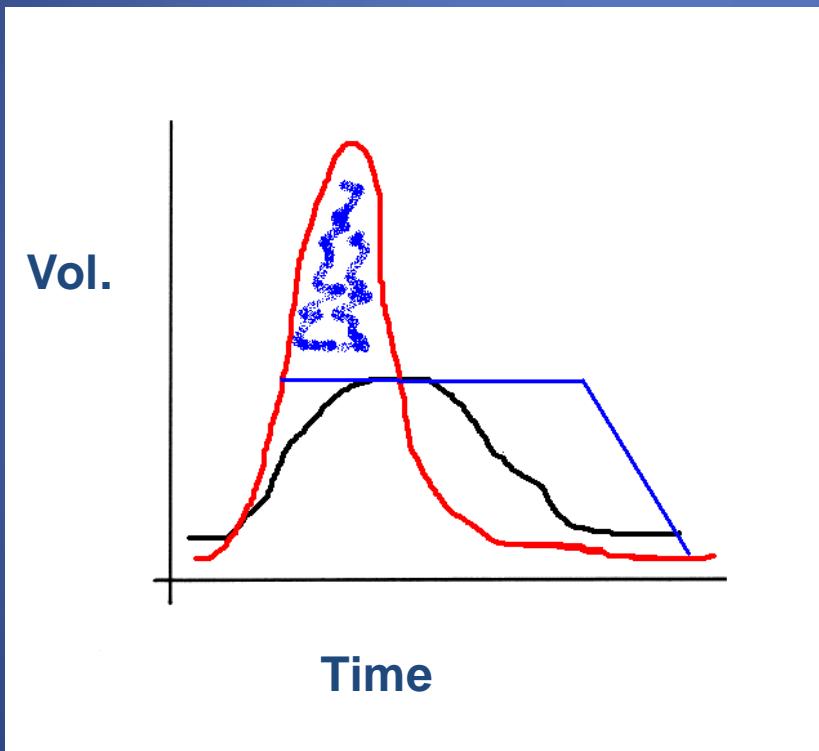
- More Water
- Higher Peak
- Peak is reached faster
- Lower Base Flow

# Detention



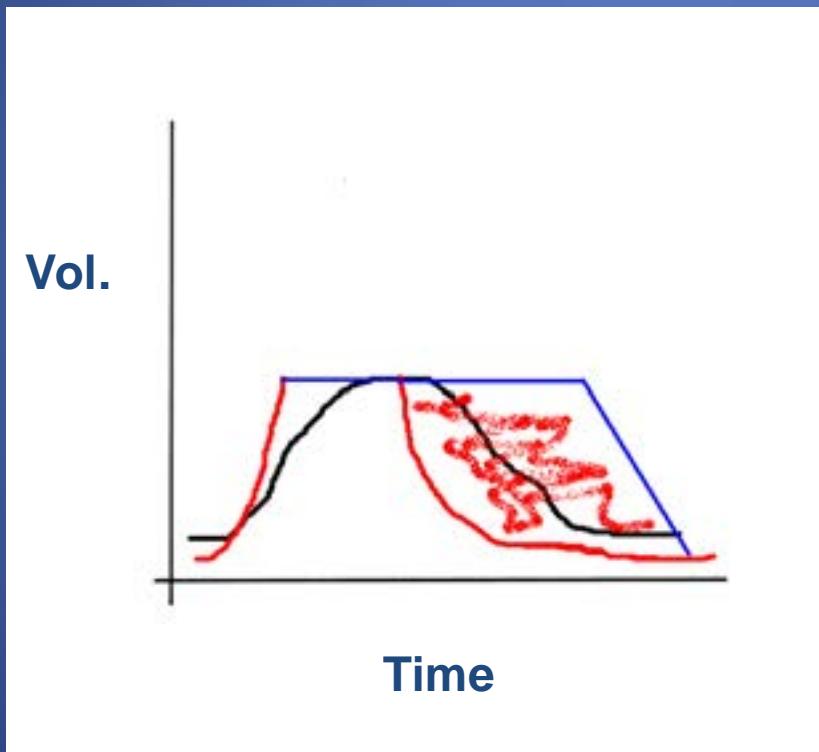
- To protect the neighbor's property from flooding
- Protects stream morphology

# Detention



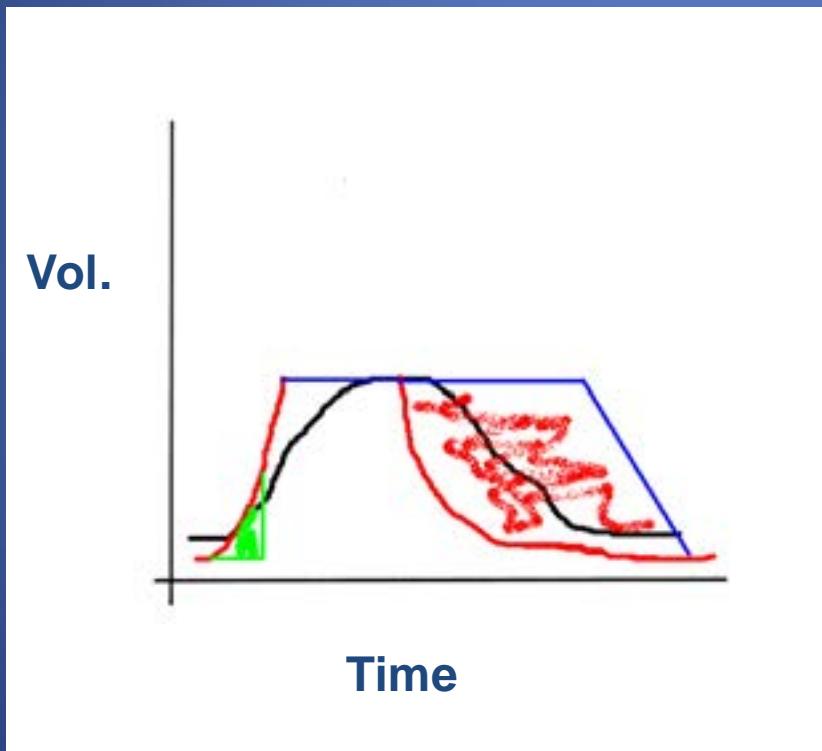
- Lowers the Flood Peak

# Detention



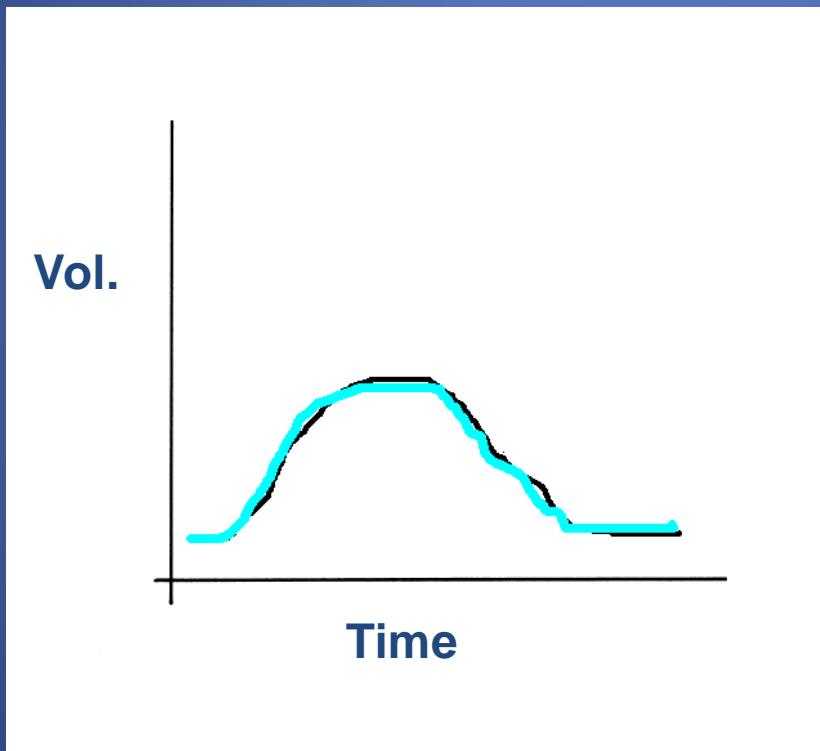
- Lengthens the Peak

# Water Quality Protection



- Chesapeake Bay Requirements
- Designed to catch maximum pollutant load

# Comprehensive Stormwater Management



- Infiltrates/Filters water
- Detention
- Lowers the Peak
- Increases Base Flow (perhaps)

# So, now we know the problem – How do we manage stormwater?

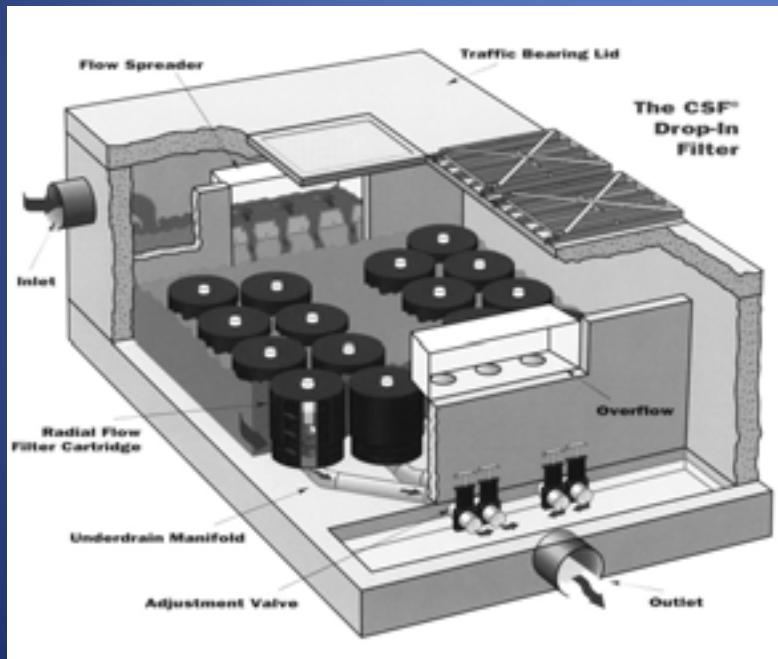
- Clean Water Act 1972
- Chesapeake Bay Agreement in 1987
- Alexandria's Ordinance set up performance criteria (required BMPs – water cleansing devices or water cleansing practices) in 1992, 2004, with minor changes in 2006

# What is a Best Management Practice?

- Schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the discharge of pollutants to waters of the United States.
- BMPs also include treatment requirements, operating procedures, and practice to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

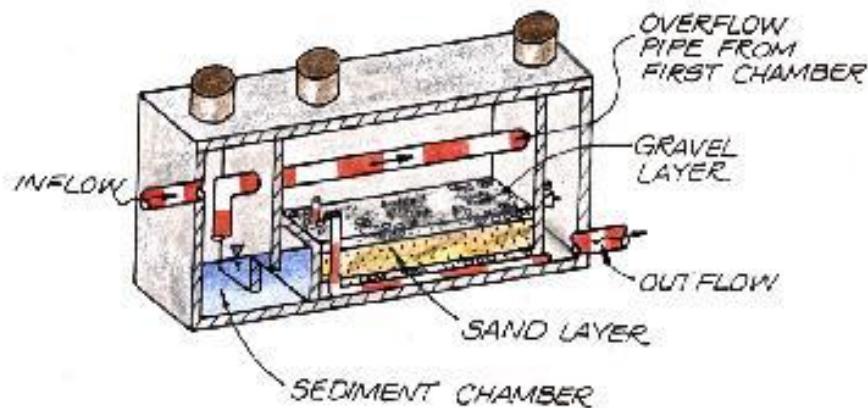
# Most BMPs in Alexandria are Ultra-Urban – underground

(these are proprietary devices and not specifically endorsed by the City of Alexandria)



# Sand Filter

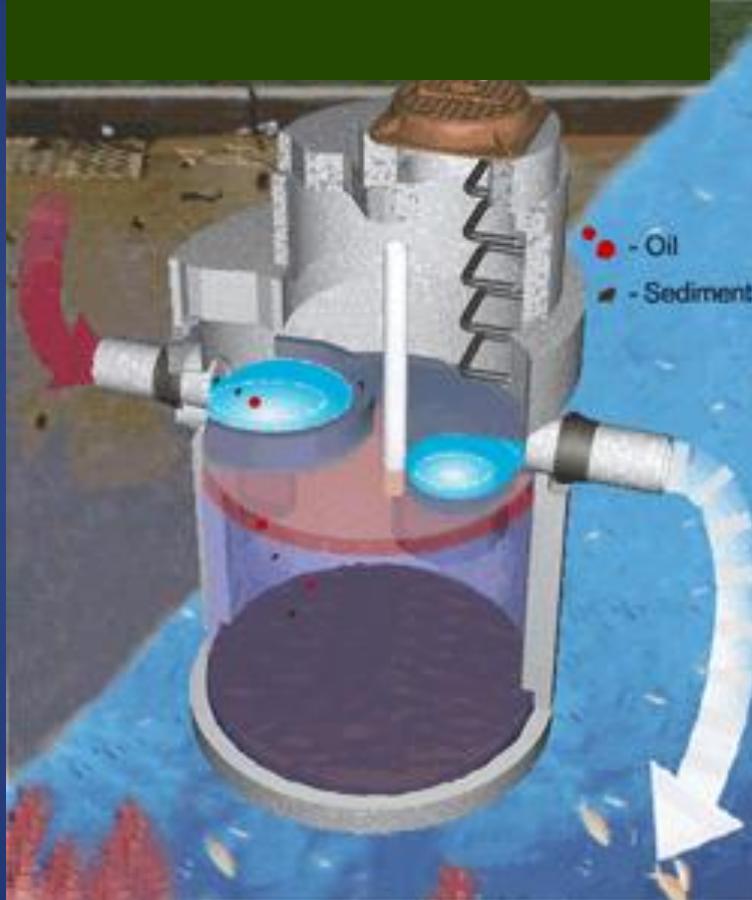
## Underground Sand Filter



Copyright 2000, Center for Watershed Protection



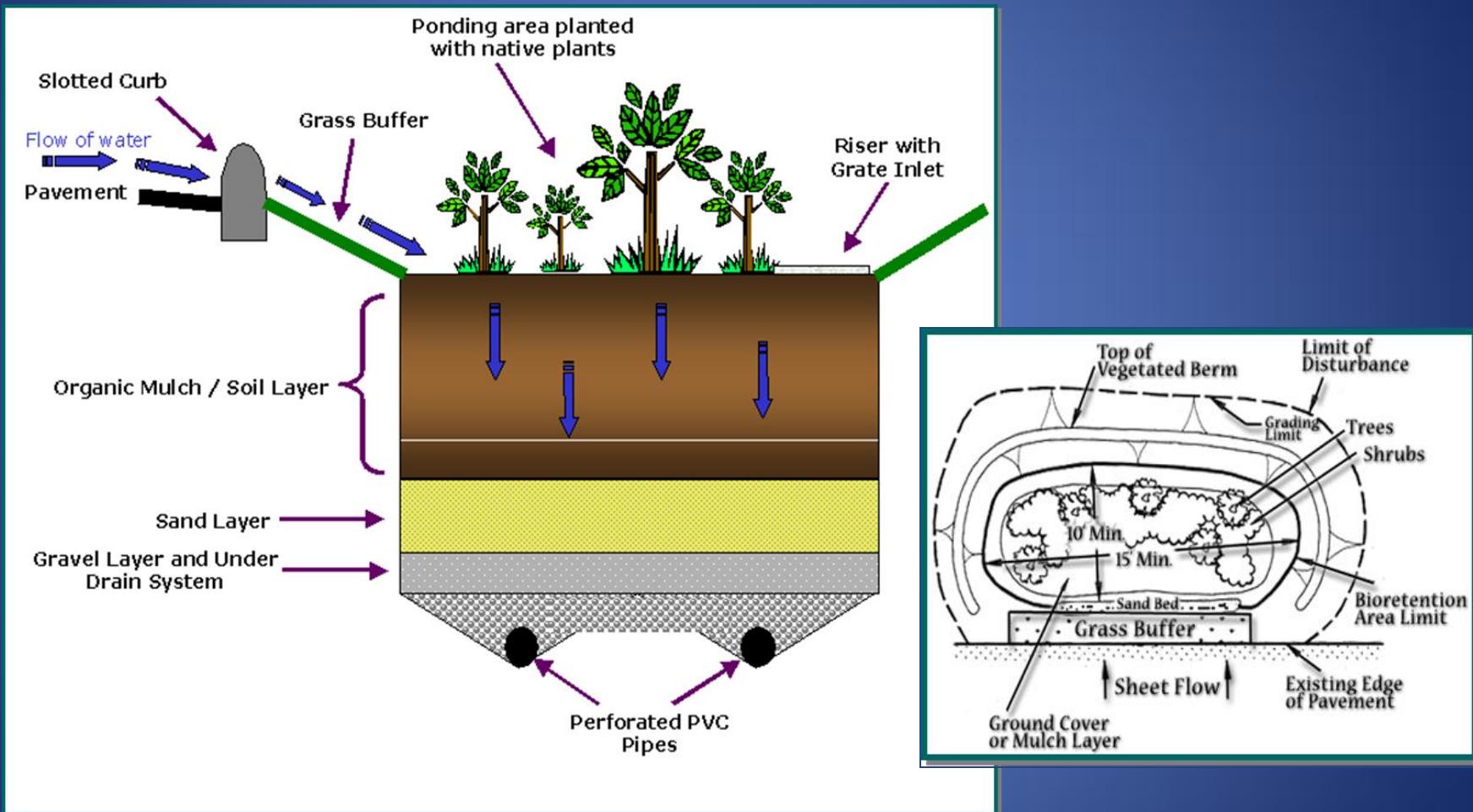
# Hydrodynamic devices



# What is a Bioretention Area?

- Bioretention is a practice that uses the physical, chemical, and biological properties and processes of plants, soil, and microbes to remove pollution from stormwater runoff. Bioretention areas are vegetated depressions constructed on developed sites to catch and clean stormwater runoff.
- Bioretention areas also help create small pocket habitat areas that support wildlife (birds, amphibians, insects, and small mammals) as well as aesthetically pleasing landscaped areas.

# What is the design concept?



# Beatley Library



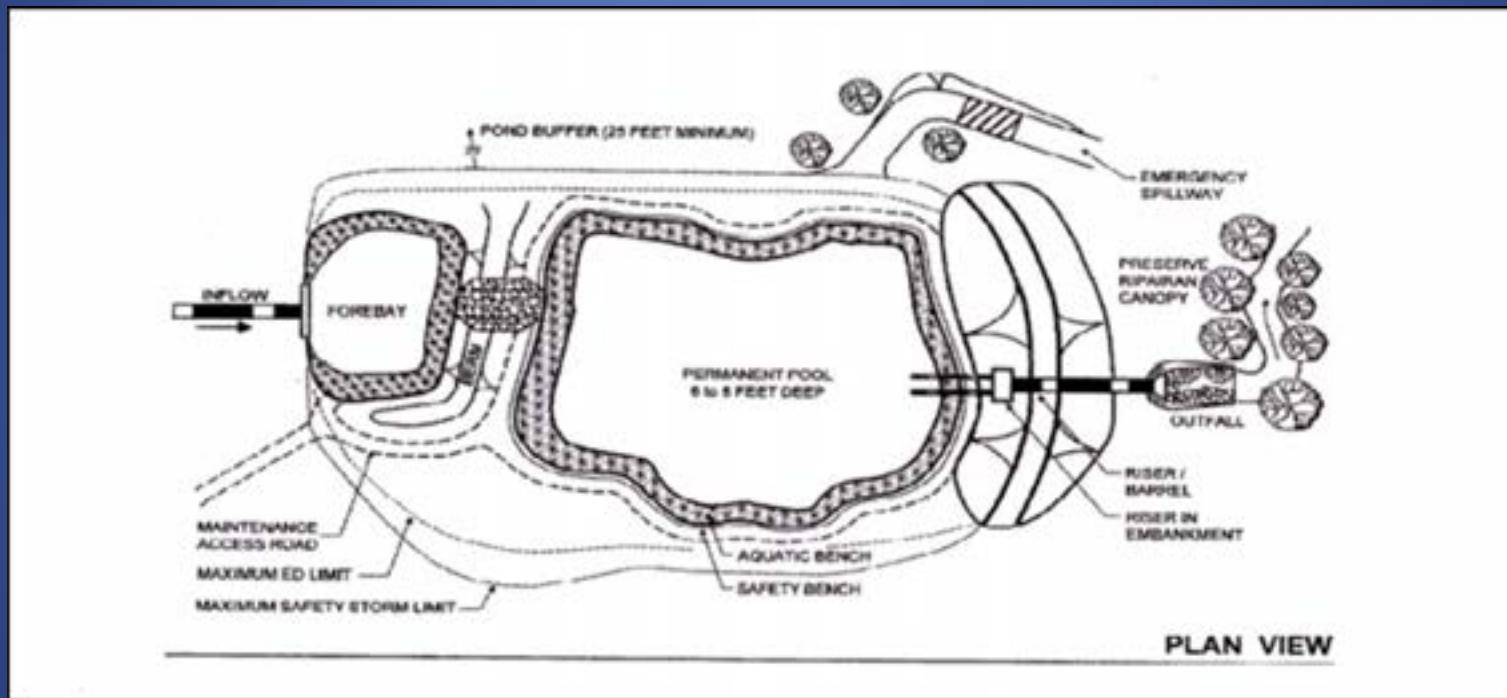
# Beatley Library



# What is a Stormwater Pond?

Wet detention ponds maintain a permanent pool of water in addition to temporarily detaining stormwater. These ponds fill with stormwater and release most of it over a period of a few days, slowly returning to its normal depth of water. The permanent pool of water enhances the removal of many pollutants.

# What is the design concept?



# Forebay

Located near the main inlet and serves to trap coarse sediment before the water gets into the main ponding area. Note the trash rack to capture larger floating debris



# Extended Detention Pond

The main pond is an area of extended detention that provides for gradual release of stormwater runoff generated from impervious surfaces. The pond acts to increase settling of pollutants and protects downstream channels from the flashiness of frequent storm events.



# Vegetated Buffers

Provide water quality benefits, nuisance bird control and protection against inadvertent entry (child control).

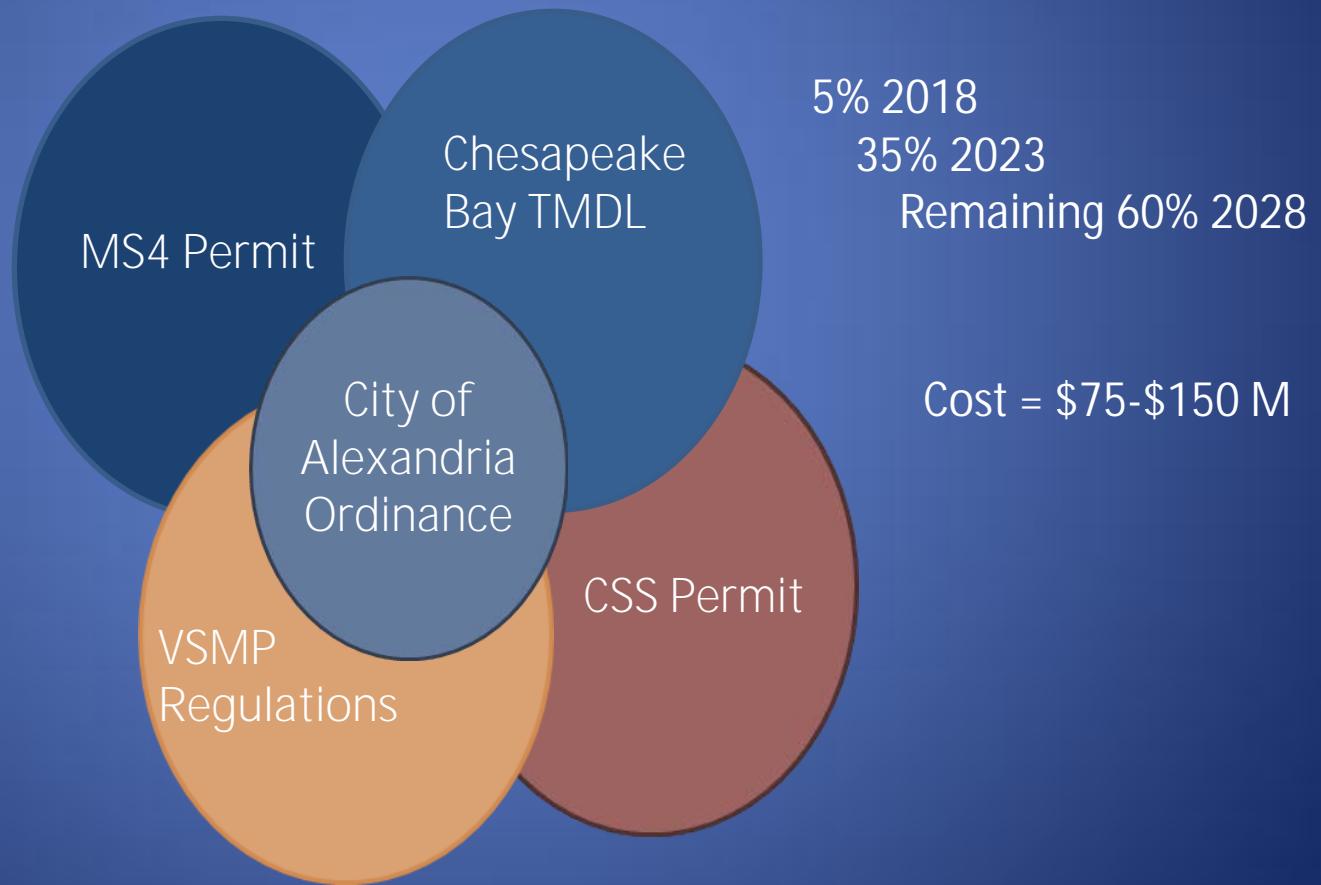


# Upflow Filter

Cool bottom water flows up and through the filter media utilizing the difference in water elevations to **“push” the water** through the filter. This design provides good pollutant removal while requiring less maintenance versus a traditional down flow filter. It also serves to protect aquatic life in the receiving stream by delivering cooler water preventing thermal shock.



# New Requirements facing the City of Alexandria



# Change the Ordinance to:

- Comply with the State VSMP regulations
- Aide in reaching Chesapeake Bay TMDL objectives
- Aide in complying with MS4 Permit
- Aide in complying with CSS Permit

# Environmental Management Ordinance

- Waterwise, how is the City organized?

# Urban Land Organized by:

- City has Resource Protection Areas(RPA) and Resource Management Areas (RMA).
- Development is constrained in RPA to water dependent uses.
- Water quality and quantity improvements are generally required in RMAs.

# RPA, RMA, Intermittent Stream



# What is Presently Required?

## Environmental Management Ordinance

- Redevelopment within RPAs is permitted only in the existing impervious footprint
- Some exceptions for developments platted and constructed before 1989
- Water quality and quantity improvements are generally required in RMAs
- Intermittent stream protection (RPA of 50 feet)

# What is the Present Performance Criteria?

Environmental Management Ordinance

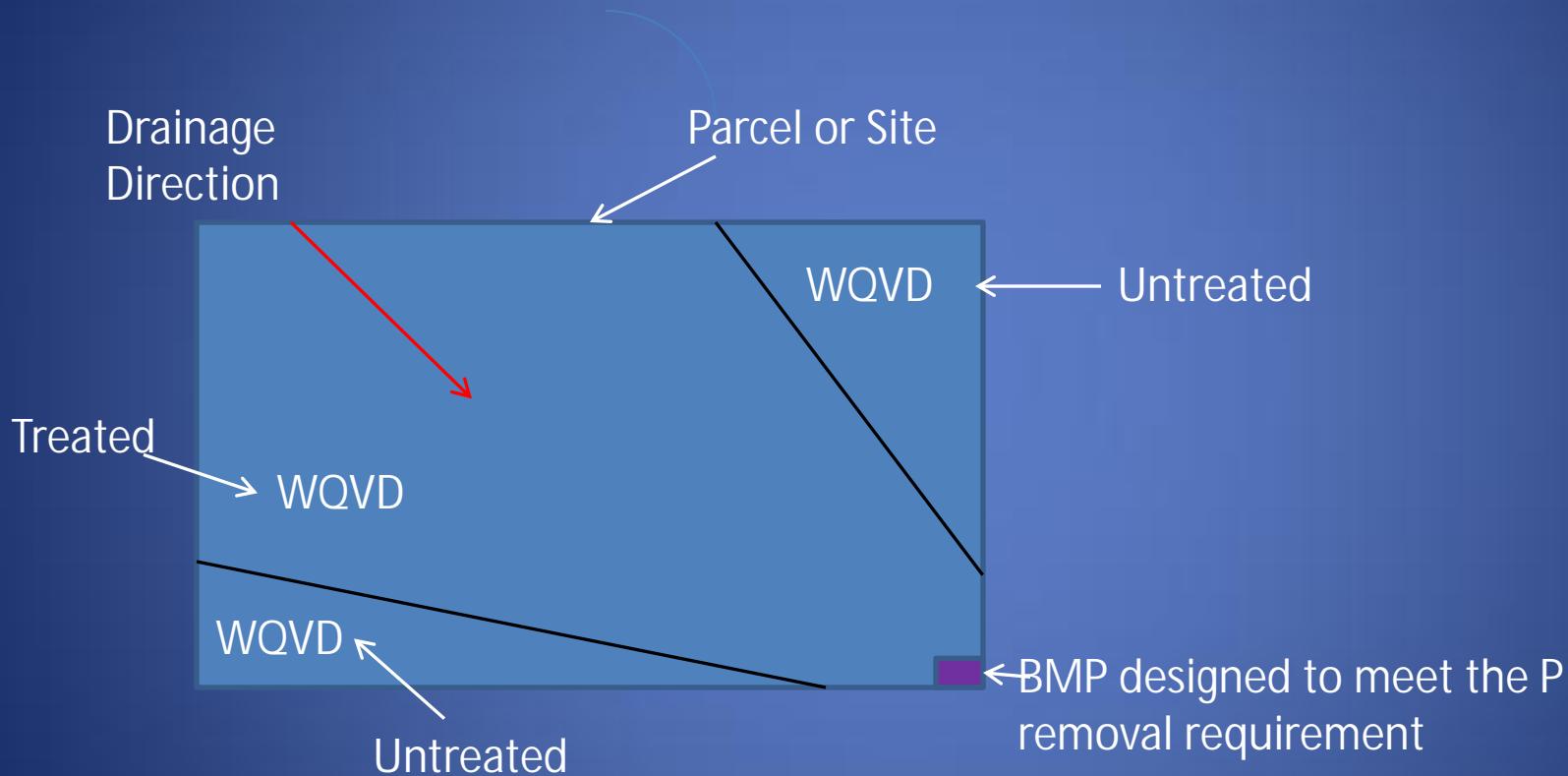
- 10% P removal from existing condition
- Peak flows shall be the same or less than the existing conditions
- WQVD treated with BMP of choice

# What is the Alexandria WQVD?

Environmental Management Ordinance

- Alexandria Water Quality Volume Default (treat the first  $\frac{1}{2}$  inch of runoff from all impervious surfaces through a BMP – over and above meeting the P removal requirement)
- Options for compliance including a Fee In Lieu

# What is the Alexandria WQVD?



# New Performance Criteria that the State Mandates

- Redevelopment changes from 10 to 20% reduction for land disturbance larger than 1 acre (10% for land disturbance less than 1 acre)
- New development that maintains no net loss (0.41 lb P/ac) – present requirement is 0.9 lbs P/ac.
- Compliance methodologies encourage Runoff Reduction, Environmental Site Design, LID techniques, and treatment of 1 inch of rainfall (presently  $\frac{1}{2}$  inch)

# Areas where the City would like to continue to be more stringent

- Maintain Water Quality Volume Default requirement
  - Helps assure no backsliding
  - P removal credits will accrue to the City to meet the TMDL load reduction requirements
- Continue protection of Natural Intermittent Streams

# WQVD requirement maintained for the first $\frac{1}{2}$ inch of volume

- No change from existing Ordinance.
- In a built-out community most development will be through redevelopment. Without this additional incremental load reduction we will lose the opportunity to treat existing impervious area when it is being redeveloped
- Additional burden is borne by the developer during redevelopment rather than the city attempting to retrofit the area. The engineering of this is more efficient and cost effective
- Provides additional revenue for water quality improvements elsewhere when Fee In Lieu is employed

# Natural Intermittent Stream

Already protected in the present ordinance

- Any natural or engineered channel that has water flowing during certain times of the year (key is groundwater flow vs. Rainfall runoff)
- Protect with a 50 foot resource protection area (buffer).
- Development within that 50 foot RPA is limited similar to the 100 foot RPA

Based on feedback, areas where the City would like to adjust to our community's needs

- Site (disturbed area) vs. Parcel
- Single Family Residential

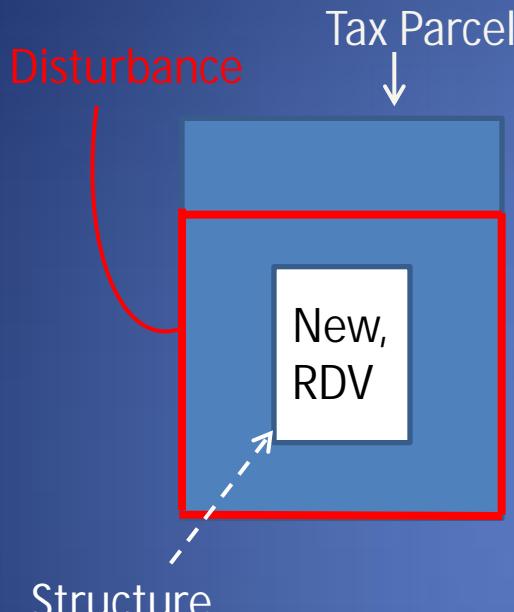
The City should use the impervious area within the site (disturbed area) or legal tax/zoning parcel in computing the pollution reduction requirements

Current City ordinance uses tax parcel, new state regulations use site (disturbed area).

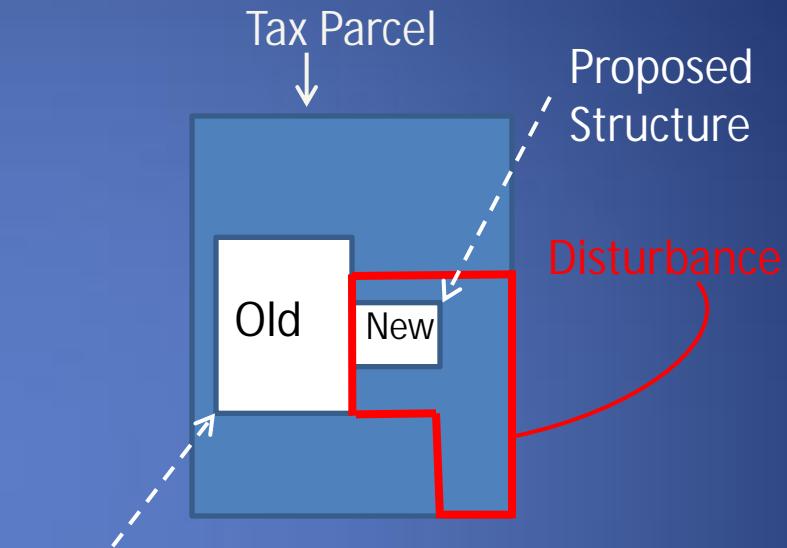
Site (disturbed area) with a trigger of greater than 50% disturbance requiring tax/zoning parcel to be treated

- Addresses larger parcels with small areas of disturbance
- Addresses SFR parcels
- Slight relaxation of our existing rules
- Easier to apply and more objective, fair

# Tax Parcel vs. Site (disturbed area)



Parcel:  
Disturbance is  
more than  
50% of the lot



Site (disturbed  
area):  
Disturbances is  
less than 50%  
of the lot size

If several parcels make up a single development (zoning parcel) all the parcels together are considered the parcel.

Single Family Residential (SFR) shall be exempt from BMP requirements yet subject to the WQVD requirement. If the applicant wishes to pay the full fee that is acceptable.

# This benefits the Homeowners:

- Not quite as stringent for SF homeowners
- Difficult for homeowners to maintain BMPs with rapid home turnovers
- Greater flexibility in compliance options

# This benefits the City:

- Inspection and enforcement becomes less burdensome to City
- Additional revenue for the City to generate a more efficient and effective BMP elsewhere

# Quantity

- Quantity is as per the state requirements. No change.

# Flooding

- Allow the City to opt out of detention in areas where it is advisable to remove stormwater before upstream flows reach the area.
- Capacity analysis whether the area is presently flooding or not.

# Next Steps

- More Community Outreach
  - Nov. 20 Development Coordinating Committee
  - Dec. 2 Federation of Civic Associations
- Comments submitted to OEQ by Dec. 2
- Submit Ordinance to DEQ by Dec. 13
- Planning Commission January or February
- City Council February or March

# Thank You

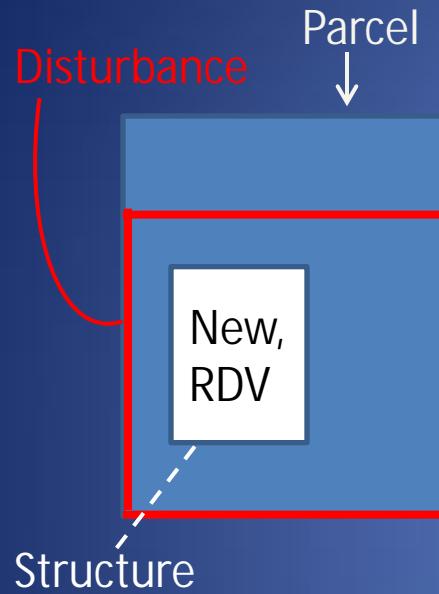
[Claudia.Hamblin-Katnik@Alexandriava.gov](mailto: Claudia.Hamblin-Katnik@Alexandriava.gov)

703 746-4068

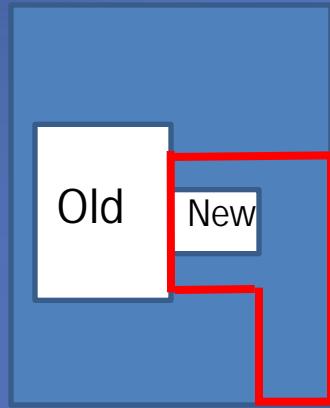
# Grandfathering

Preliminary Plan Submitted	VSMP Obtained	Grandfathered Until
Before July 1, 2012	Before July 1, 2014	2024
July 1, 2012 – June 30, 2014	Before July 1, 2014	2024
Before July 1, 2012	On or After July 1, 2014	2019
July 1, 2012 – June 30, 2014	On or After July 1, 2014	?

# Parcel vs. Site

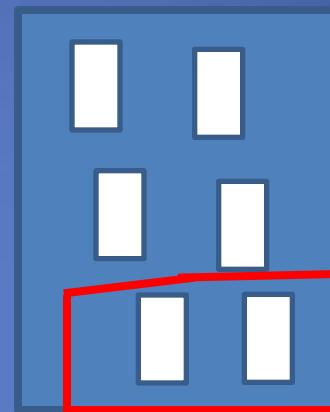


Parcel:  
Disturbance is  
more than  
50% of the lot



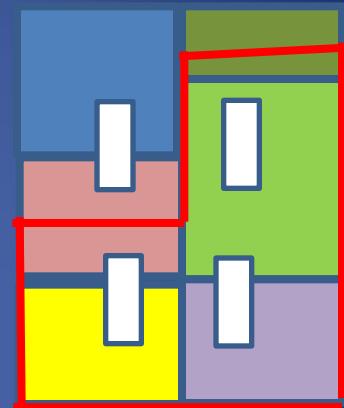
Site:  
Disturbance is  
less than 50%  
of the lot size

One lot,  
Many structures



Site:  
Disturbance is  
less than 50%  
of the lot size

Many lots,  
Many structures



Parcel:  
Disturbance is  
more than  
50% of the lot

If several parcels make up a single development all the parcels together are considered the parcel.

**City of Alexandria's**  
Environmental Policy Commission  
Public Meeting

Stormwater Public Education &  
Outreach Program

**Monday, April 7, 2014**  
**7 - 9 p.m.**

City Hall, Sister Cities Room 1101  
301 King Street, Alexandria, VA 22314

**Find out about** water quality pollutants, stormwater outreach, and identifying target audiences for the City's outreach efforts. The City's Municipal Separate Stormwater Sewer System (MS4) Permit requires resident input in developing a comprehensive plan. Feedback and input received at this meeting will be used to develop updates to the Stormwater Public Education and Outreach Plan.

**Give your written or oral comments** at the public meeting. For more information or questions regarding the upcoming meeting, please contact the Office of Environmental Quality at 703.746.4065.

The meeting is open to the public. The City of Alexandria is committed to compliance with the Americans with Disabilities Act, as amended. To request a reasonable accommodation, e-mail [Geralyn.Taylor@alexandriava.gov](mailto:Geralyn.Taylor@alexandriava.gov) or call 703.746.4084, Virginia Relay 711.



# Advertising Receipt

CONNECTION NEWSPAPERS  
LOCAL MEDIA CONNECTION LLC  
PO BOX 1179  
ALEXANDRIA, VA 22313  
Phone: (703) 917-6464  
Fax: (703) 778-9445

KATHLEEN LEONARD  
CITY OF ALEXANDRIA  
DEPT OF TRANP & ENVIRON SERVICES  
301 KING ST  
ALEXANDRIA, VA 22314

Cust#: 02108235-000  
Ad#: 01525678  
Phone: (703)746-4027  
Date: 04/28/14

Ad taker: AS Salesperson: AS Classification: 021

Description	Start	Stop	Ins.	Cost/Day	Surcharges	Total
03 ZONE 3 (AL/MV)	04/02/14	04/02/14	1	116.00		116.00

**Payment Reference:**

City of Alexandria's  
Environmental Policy Commission  
Public Meeting

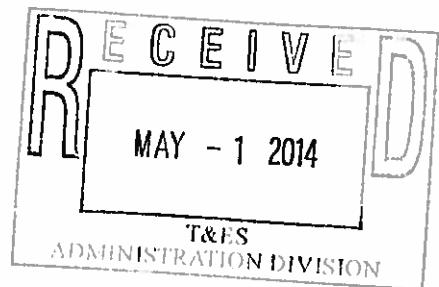
Stormwater Public Education & Outreach Program

Monday, April 7, 2014  
7 - 9 p.m.

Total Due 116.00

City Hall, Sister Cities Room 1101  
301 King Street, Alexandria, VA 22314

Find out about water quality pollutants, stormwater outreach, and identifying target audiences for the City's outreach efforts. The City's Municipal Separate Stormwater Sewer System (MS4) Permit requires resident input in developing a comprehensive plan. Feedback and input received at this meeting will be used to develop updates to the Stormwater Public





## AGENDA

### EPC WORK SESSION

Monday, April 7, 2014

7:00 PM – 9:00 PM

City Hall, Conference Room #1101

7:00 – 7:05	Welcome and Introductions
7:05 – 7:10	Public Comments
7:10 – 7:45	City's Stormwater Public Education and Outreach Program, Dan Imig, P.E., Civil Engineer IV, T&ES Infrastructure and Environmental Services
7:45 – 8:15	Earth Day Planning Activities, Jennifer Hovis, Earth Day Chair <ul style="list-style-type: none"><li>• Parking Arrangement &amp; Patrol</li><li>• Ellen Pickering Award Nominations</li><li>• EPC Activities</li></ul>
8:15 – 9:00	Commission Members and Staff Update <ul style="list-style-type: none"><li>• Eisenhower West SAP Steering Committee</li><li>• PRGS Monitoring Group EPC Representative</li><li>• King Street Bike Lanes Project</li><li>• Brief Overview of FY2015 Proposed Budget</li></ul>
9:00	Adjourn

**Environmental Policy Commission Minutes**  
**April 7, 2014**  
**City Hall, Room 1101**

**EPC Members in Attendance**

✓	Scott Barstow	✓	Jim Kapsis		
✓	Sam Gaugush	✓	Tyler Orton		
✓	Susan Gitlin	X	Monica Starnes		
✓	Geoffrey Goode	✓	Ryan Wojtanowski		
✓	Patrick Holman				

**City Staff**  
Khoa Tran, Dan Imig, Melanie Mason

**Begin 7:00 PM**

**Welcome and Introductions**

- Kurt Moser previously announced his resignation from the EPC via email
- Tyler Orton was welcomed as the new citizen member of the EPC

**Public Comments**

- None

**City's Stormwater Public Education and Outreach Program – Dan Imig, P.E., Civil Engineer IV, T&ES Infrastructure and Environmental Services**

- As part of the MS4 permitting process, the city is conducting outreach activities focused on three high priority water quality issues: pet waste, fertilizer and petroleum products. In each of these areas, the city is responsible for conducting outreach activities designed to reach 20 percent of the target group (also to be identified by the city). The three focus areas are also the focus of regional activities, including activities carried out by Clean Water Partners, a non-profit outreach organization..
- City staff is soliciting input on target pollutants (the three identified, as well as others), as well as the appropriate audience and the conduct of outreach activities. The deadline for input is end of May 2014, as the information will be included in the City's permit submission to the State of Virginia by July 1, 2014.
- EPC members questioned whether other pollutants were considered, including sediment and a finer split among fertilizers. There was a general concern about being redundant with previous efforts.
- There was some discussion on the ability to define and reach a given pollutants target audience. In the case of sediment, the builder community was suggested as a more definable universe that was very reachable.

- City staff stated that the State of Virginia would be willing to work with the city if a more challenging pollutant with a more difficult to define target audience was identified. Discussion also questioned whether AlexRenew efforts could be leveraged.
- There was discussion on the degree coordination between the City and Clean Water Partners, including ad tracking, and analysis of response rates from targeted groups.
- City staff clarified that there is no formal approval of the pollutants, but that they are integrated into the final permit plan.
- A member of the public attending the meeting suggested including pet waste as a pollutant. Issues associated with animals in the Mount Jefferson Greenway area, and specifically related to the current and proposed relocation of a dog park were discussed. There was general agreement that outreach to vets and the Park Department might work if pet waste was included as a pollutant.

### **Earth Day Planning Activities – Jennifer Hovis, Earth Day Chair**

- Jen Hovis gave an overview of Earth Day events, focusing on EPC's role in helping set up and manage parking for both exhibitors and attendees. She outlined the events leading up to April 26, including a City Council Proclamation (that would be read at the event), the annual upcycling events, and exhibitors (of which there are several new ones).
- With regards to parking, attendees are encouraged to ride DASH to the event or to park at George Washington Elementary School.
- EPC members should plan on arriving by 8am to help set up tables, and staying the entire day to help man the EPC booth and manage parking.
- There was additional discussion on involvement with schools, particularly with regards to a photo contest. There was general agreement that anyone who sends in a photo will be entered into a drawing for "sustainability prizes." However, the question of where to exhibit was unresolved and is pending consideration of how many entries are received.
- Geoff Goode announced that the Ellen Pickering Award winner was chosen from among six nominees. This is being kept as a surprise.
- With regard to trees sold at Earth Day, Susan Gitlin reported that she had spoken to the City Arborist and no invasive trees were among those being sold at Earth Day. However, there were additional questions as to how the vendor was selected and how EPC might encourage a more environmentally-friendly selection in future years.
- There was additional discussion of what activities would be featured at the EPC booth. Three questions were chosen from the quiz to be mounted on large poster boards so visitors could vote on answers and EPC members could use for teachable moments. An additional placard regarding the sources of electricity in Virginia will be used.

### **Commission Members and Staff Update**

- A brief discussion of an EPC letter to City Council on the FY 2015 budget was discussed. City staff advised that EPC send a letter no later than late April. Scott Barstow and Jim Kapsis agreed to work on this letter.
- There was a brief discussion of potential fracking activities in the George Washington National Forest, and how EPC might go about expressing its opposition. A member of the public in attendance also expressed opposition to fracking. The path forward determined was to inform council that EPC had a position and recommend action.

- Sam Gaugush volunteered to take over EPC representation on the Eisenhower West Small Area Plan, which will next meet in late April. A survey has been performed that resulted in 400 responses; the City has bids out for a consulting team to support the process.
- Geoff Goode volunteered to take over EPC representation on the Potomac River Generating Station Monitoring Group. The next meeting is April 23 to discuss a recently released report regarding contamination at the site.
- EPC lauded the decision of the City Council on King Street Bike Lanes. Sam Gaugush volunteered to draft a letter of thanks to City Council.
- Khoa Tran gave a brief update on budget and reorganization of City infrastructure and environmental services. The City is creating a new division on infrastructure, given the major expenditures on CSO and stormwater. It is unclear how environmental services will fair, including whether air quality monitoring will be continued. EPC requested a briefing on these changes and the budget in the near future.
- Khoa Tran provided a brief overview of the EPA Consent Order against the owners of the Hunting Point Apartments for violations involving asbestos removal. A stop work order was issued after it was found the contractor performing renovations had not taken proper precautions/procedures regarding asbestos removal and testing conducted by the EPA. A member of the public in attendance to the meeting, who was also a resident of the apartment complex, recounted his frustration with the process of engaging EPA and other officials on the issue. City management is involved and is taking this as a high priority issue. Two key questions were raised by the community – 1) what was the City's responsibility in this matter; 2) why did it take so long for the EPA to issue the stop work order, when complaints extend at least back to January (perhaps as far back as October).

Adjourn 9:15pm

**Public Participation for development of the MS4 Education and Outreach Program**

Comments from the committee and public

Ryan Wojtanowski commented that sediment seemed to be a problem in the City. He suggested staff to contact the development community for outreach. He stated that although it was a smaller community it was a major pollutant component.

He stated that he did not think that dog waste was a big problem anymore.

Scott Barstow commented that it made sense to target what the Clean Water Partners did but thought we need to do more than just check the box on outreach. The City could contact people through the email lists.

Susan Gitlin commented that we should not just rely on just email lists because that is preaching to the choir. The City needs to look at new ways of reaching people.

Patrick Holman commented that the City could target oil by adding a flyer with the City car tag sticker and also with the City Tax Bill. He questioned how the City would come up with target audience numbers and how the City would show that it was reaching twenty percent of them.

Susan Gitlin commented that the City could tag on to what Alex Renew does and insert flyers into the bills. These could include messages about why wastewater treatment costs so much- because the water has to be cleaned.

Amy Slack commented that pet waste is still a major problem. The City does have laws for dogs but not everyone follows them and they do not include cat waste.

 CITY OF **Alexandria** VIRGINIA  
ALEXANDRIAVA.GOV

Home Residents Visitors Business City Departments Call/Click Connect Search for... GO  
Select a City Department Wednesday, August 27 • 78°  Air Quality: Yellow

Home > Alexandria Earth Day

  
**ALEXANDRIA EARTH DAY**

**Saturday, April 26**  
**10 a.m. to 2 p.m.**  
**Ben Brenman Park**



Page updated April 28, 2014 7:57 AM Share  RSS  Print 

**Alexandria Earth Day 2014**

Mark your calendar for Alexandria Earth Day 2014!

This year's celebration will be held at Ben Brenman Park (4800 Brenman Park Drive) on Saturday, April 26 from 10 a.m. to 2 p.m.

This year's theme is **Are You an Eco-Citizen?** The event will include educational exhibits, demonstrations, hands-on activities for all ages, a tree sale, and more!

This year's event will also feature the **Upcycling Showcase**, where students will showcase their creative interpretation of Earth day through literature, fashion, visual arts and performing arts.

Participate now in one or more of three **Environmental Challenges**. All entries received before April 25 will be entered into a drawing:

[- Earth Day 2014 Program Schedule](#)

  
One Free Admission  
with this pass or with the  
\$10 pass to participate in  
**Alexandria Earth Day**  
Buses

**Leave Your Car at Home this Earth Day!**

The public is encouraged to take public transit, walk or bike to the event!

DASH will be offering free rides for the Earth Day Event on DASH ATB from 9:30 a.m. to 3 p.m. on Saturday, April 26. Click on the pass to print and present to the driver for your free ride! One pass per rider. For DASH route and schedule information, call 703.370.DASH or visit [www.dashbus.com](http://www.dashbus.com).

Bicyclists may visit <http://www.alexandriava.gov/localmotion> for the City's Bike Map, which features the City's best on-street and off-road bikeways, as well as locations of grouped bicycle parking.

Additional parking will be available at the Samuel W. Tucker Elementary School, located at 435 Ferdinand Day Dr.

**Food Vendors**

Alexandria Earth Day is pleased to have the following local businesses providing food and beverages for sale at this year's event: Hard Times Cafe and Cafe Pizzaioli. Vegetarian options will be made available.


**QUICK LINKS**

- Recreation, Parks & Cultural Activities
- Alexandria Earth Day
- Events & Activities
- Sponsors
- Exhibitors
- Award
- Volunteers
- Photo Gallery
- Contact Us

**?** **Ask Us!**

Find neighborhood parks?

Start a small business?

Learn about new development?

Pay my taxes or parking citation?

Report fraud, waste and abuse?

Speak at a City Council meeting?

Apply for a marriage license?

Find information for retired City employees?

Get information about permits?

Search property and sales data?

Find visitor information?

Find volunteer opportunities?

Obtain and review public documents and records?

# ALEXANDRIA NEWS.org

ALEXANDRIA VIRGINIA LOCAL NEWS SINCE  
2008

Today is Monday, August 11, 2014      Now over 800,000 hits a month.

HOME ADVERTISE CONTACT US EDITORIALS PUZZLES RECENT NEWS SUBMIT A RAN

Search: Type term & press enter

YOU ARE HERE » [ALEXANDRIANEWS](#) » [ECONEWS](#) » ALEXANDRIA CELEBRATES EARTH DAY 2014

Follow Us: [f](#) [t](#) [r](#)

## WEATHER

Severe Weather Alert!

 79°F      1 mph

Forecast  
Radar  
Cameras



## SECTIONS

ANNOUNCEMENTS

APRIL

FOOL'S

EDITION

ARTS &

STYLE

BREAKING

NEWS

BUSINESS

CHOICE

2014

CITY HALL

COURTS &

CRIME

ECONEWS

EDITORIALS

FROM

CONGRESS

FROM

RICHMOND

HEALTH &

FITNESS

HOLIDAY

HAPPENINGS

## Alexandria Celebrates Earth Day 2014

April 27th 2014



By Katie Smythe  
alexandrianews.org



Trashion Fashion Show participant at Earth Day festival (Photo: Katie Smythe)

Alexandria celebrated Earth Day 2014 with a festival at Ben Brenman Park on April 26, highlighting this year's theme: Are YOU an Eco-Citizen? The event included the Trashion Fashion Show, educational exhibits, eco-demonstrations, hands-on activities, environmental awards and the annual tree sale.

The 21st annual Alexandria Earth Day and Arbor Day celebration featured the popular Upcycling Showcase. Students from Alexandria City Public Schools showcased their creations in

fashions created from upcycled materials as well as music, dance, literature and visual arts.

The first place winner in the ACPS Upcycling Showcase was William Ramsey Elementary School, followed by Lyles-Crouch Traditional Academy in second place and George Washington Middle School in third. The winners receive funds to put toward an environmental project at their school.

As part of Alexandria's Eco-City initiative, the annual [Ellen Pickering Environmental Excellence Award](#) is presented at the Earth Day celebration. The award is granted by the City of Alexandria Environmental Policy Commission and Alexandria Renew Enterprises (formerly the Alexandria Sanitation Authority). The award

## GET FIT TO LIVE (FITNESS BLOG)

Carla's Road To Fitness Continues

April 10, 2014

By Carla

[Branchalexandrianews.org](#)

When I posted

my first entry to this category in

January, I had

such good

intentions: I was

going to update

readers... (...read more)

## GREEN MINUTE

LEGAL  
CORNER  
LETTERS/OPINIONS  
NON-  
PROFITS  
OBITUARIES  
OTHER  
NEWS  
RANTS  
SCHOOLS  
SPORTS  
TOP  
STORIES  
TRAFFIC &  
TRANSPORTATION  
VOLUNTEER  
OPPORTUNITIES

ARCHIVES  
(CURRENT YEAR)

Select Month ▼

ARCHIVES  
(PAST YEARS)

2013  
2012  
2011  
2010  
2009  
2008

elementary school

local.com

Find Elementary school  
Now in Your  
Neighborhood (with  
Reviews)

honors and recognizes those who demonstrate a commitment to protecting the natural environment and keeping the City "green."

The UpCycle Creative Reuse Center received this year's Ellen Pickering Environmental Excellence Award, which was presented to co-founders Kelley Organek and Susan Miranda. A tree was planted to recognize the occasion and honor the recipient.

The **Upcycle Creative Reuse Center**, located in the Del Ray neighborhood, collects and redistributes reusable material for art and learning purposes. The Center's large collection of material is used in creative and artistic programs for all ages and is also available to the public at reduced prices. The center provides playgroups, arts and crafts workshops, summer camps, school enrichment activities, studio space, and professional development programs for teachers and parents.

"The UpCycle Creative Reuse Center blends creativity and fun with sustainability," said Alexandria Renew Enterprises CEO Karen Pallansch. "Instead of sending material and everyday objects to the dumpster, the center brings together kids of all ages to recycle and reuse the material to build, create and learn. The late Ms. Pickering would have loved the sense of community and environmental stewardship the Center brings to Alexandria, and for that reason we are thrilled to present the UpCycle Creative Reuse Center with the Ellen Pickering Environmental Excellence Award for 2014."



City officials with Tree City USA award  
(Photo: Katie Smythe)

Alexandria-based teen rock band Fuse Box, which was nominated for a Wammie for Best New Artist and was named "Fan Favorite".



Upcycle Creative Reuse Center co-founders Kelley Organek and Susan Miranda accept the 2014 Ellen Pickering Environmental Excellence Award (Photo: Katie Smythe)

Jim Park's Green Minute

#### ALEXANDRIA WAR OF 1812 SIGNATURE EVENT WEEKEND

- Old Guard Fife & Drum Corps
- Boat Cruises
- History Festival
- Yacht Race
- Tug of War
- US Navy Band



[www.visitalexandriava.com/1812](http://www.visitalexandriava.com/1812)

Alexandria Earth Day is based on the need to promote education and lead us all to a green and sustainable future, in keeping with the goals of the Eco-City Alexandria Initiative. In addition, the Alexandria Earth Day Committee has committed to making this event a zero-waste and carbon neutral. The City recognized the two main sponsors of Alexandria Earth Day – Covanta Energy and Virginia Paving – for their contribution to environmental stewardship and energy conservation.

Alexandria Earth Day 2014





« [Titans Are Top U.S. Team At Penn Relays](#)

[Prescription Drug Take Back Day A Success In Alexandria »](#)

Alexandria, VA Earth Day Stormwater Survey 2014  
Total Survey Number: 60

1. What do you think is the biggest source of water pollution in Alexandria?

Fertilizer: 45%  
Motor Oil: 12%  
Pet waste: 10%  
Sediment: 9%  
Trash: 24%

2. Does stormwater runoff go to a treatment plant?

Yes: 25%  
No: 75%

3. How often do you fertilize your lawn?

Once per year: 29%  
Twice per year: 13%  
Three+ times per year: 5%  
I don't have a lawn: 35%  
Never: 18%

4. Where do you wash your car?

In my driveway: 31%  
In the grass: 3%  
In the street/parking lot: 3%  
At the carwash: 53%  
I don't have a car: 10%

5. Did you know that it is illegal to dump anything down a storm drain?

Yes: 97%  
No: 3%

6. What do you do with used cooking grease and oil?

Pour it down the sink: 8%  
Throw it in the trash after it cools: 77%  
Pour it outside: 0%  
Other: 15%

7. Do you have any suggestions or programs you would like to see the City implement related to water quality?

- More cleanup at Ben Brenman park-allow Kayaks in the pond to help clean
- More rain gardens
- Ban plastic bags and tax them
- Ticket people if they throw electronics and hazardous waste in trash cans
- more composting and recycling
- more classes on water quality and water treatment for the public
- waterfront cleanups and high tourist area cleanups
- more public information about stormwater
- more education to residents about stormwater
- free rain barrels or more rain barrel classes
- more stormwater awareness programs
- more yard and organic waste recycling
- more school programs to get information to kids who will then tell their parents
- more stream cleanups on the runs
- encourage dog walkers to have trash pickups while they are walking



# ALEXANDRIA NEWS.org

ALEXANDRIA VIRGINIA LOCAL NEWS SINCE  
2008

Today is Monday, August 11, 2014      Now over 800,000 hits a month.

HOME ADVERTISE CONTACT US EDITORIALS PUZZLES RECENT NEWS SUBMIT A RAN

Search: Type term & press enter

YOU ARE HERE » [ALEXANDRIANEWS](#) » [ECONEWS](#) » VOLUNTEERS PARTICIPATE IN POTOMAC WATERSHED CLEANUP

Follow Us:



## WEATHER

Severe Weather Alert!

79°F      0 mph

Forecast  
Radar  
Cameras



## SECTIONS

### ANNOUNCEMENTS

APRIL

FOOL'S

EDITION

ARTS &

STYLE

BREAKING

NEWS

BUSINESS

CHOICE

2014

CITY HALL

COURTS &

CRIME

ECONEWS

EDITORIALS

FROM

CONGRESS

FROM

RICHMOND

HEALTH &

FITNESS

HOLIDAY

HAPPENINGS

## Volunteers Participate In Potomac Watershed Cleanup

April 8th 2014



Alexandria volunteers at sites along Four Mile Run on Saturday to participate in the 35th Annual Alice Ferguson Foundation Potomac Watershed cleanup.

As part of its eco-city efforts, the City of Alexandria hosted volunteers at the end of 3700 Commonwealth Avenue (Four Mile Park) and 4109 Mt. Vernon Avenue from 9:00 a.m. - 11:00 a.m. on April 5.

89 volunteers collected 56 Yellow Bags of trash and 54 Blue Bags of recyclables. The trash included an estimated 350 plastic bags, 375 cigarette butts and the top brands of bottle collected were Corona, Budweiser, and Aquafina.

### Cleanup at Four Mile Run



The City's 21st annual Alexandria Earth Day will be held Saturday, April 26th, from 10 a.m. to 2 p.m. at Ben Brenman Park (4800 Brenman Park Drive). This year's theme is "Are you an Eco-Citizen?" highlighted by the fourth annual Upcycling Showcase. Upcycling is the process of converting waste materials or useless products into new materials. The showcase features students from Alexandria City Public Schools, who will model fashions created from upcycled materials. The showcase will also highlight music, dance,

## GET FIT TO LIVE (FITNESS BLOG)

Carla's Road To Fitness Continues

April 10, 2014

By Carla

Branchalexandrianews.org

When I posted my first entry to this category in January, I had such good intentions: I was going to update readers... (...read more)

## GREEN MINUTE

LEGAL

literature and visual arts produced by the students.

CORNER

LETTERS/OPINIONS

NON-

PROFITS

OBITUARIES

« FireFlies Wins Tenth Annual  
Great Rum Punch Challenge

**Titans Divide And Conquer  
This Past Saturday »**

OTHER

NEWS

RANTS

SCHOOLS

SPORTS

TOP

STORIES

TRAFFIC &

TRANSPORTATION

VOLUNTEER

OPPORTUNITIES

ARCHIVES  
(CURRENT YEAR)

Jim Park's Green Minute

Select Month

ARCHIVES  
(PAST YEARS)

2013

2012

2011

2010

2009

2008

Virginia Radon 

Removal

 radonmitigationvirginia....

Radon Mitigation Systems

Installed. Get a Free

Quote Today Call Now !

ALEXANDRIA WAR OF 1812  
SIGNATURE EVENT WEEKEND

- Old Guard Fife & Drum Corps
- Boat Cruises
- History Festival
- Yacht Race
- Tug of War
- US Navy Band



[www.visitalexandriava.com/1812](http://www.visitalexandriava.com/1812)



*City of Alexandria Department of Transportation and Environmental Services,  
Office of Environmental Quality and Solid Waste Division*

# 19<sup>th</sup> Annual International Coastal Cleanup

## Sponsored by the Ocean Conservancy and Clean Virginia Waterways



SATURDAY, SEP. 21, 2013  
10 a.m. to 12 p.m.



Join the City of Alexandria to clean along  
the Potomac River Waterfront.

**ORONOCO BAY PARK  
100 MADISON STREET**

RSVP TO [jeremy.hassan@alexandriava.gov](mailto:jeremy.hassan@alexandriava.gov) or 703.746.4127

Part of the Ocean Conservancy's International Coastal Cleanup, coordinated locally by  
Clean Virginia Waterways and being conducted by the City's Transportation and  
Environmental Services Office of Environmental Quality

**Eco-CITY ALEXANDRIA**



## Eco-City Alexandria Get Involved!

### **Volunteer to Clean Up the Potomac River Waterfront 2013 Virginia Waterways Cleanup Saturday, September 21<sup>st</sup>, 10a.m. to 12p.m.**

Volunteer to participate in the [Ocean Conservancy's 28th Annual International Coastal Cleanup](#); which has been coordinated by [Clean Virginia Waterways](#) (CVW) for the last 18 years. Come join others for this annual statewide event to clean our waterways & collect valuable data about trash & litter in our waterways. We will be cleaning Oronoco Bay Park rain or shine.

- Oronoco Bay Park is located at 100 Madison Street in Alexandria's Old Town area. Volunteers will meet and sign in at the end of Madison Street.

#### **What to wear?**

Volunteers should wear shoes and clothes that they do not mind getting dirty; trash bags and gloves will be provided.

#### **To Volunteer:**

Please RSVP to Jeremy Hassan at [jeremy.hassan@alexandriava.gov](mailto:jeremy.hassan@alexandriava.gov).

Every September and October, volunteers across Virginia from the mountains to the oceans gather along the shorelines of rivers, lakes, ponds and bays to pick up trash as part of the Virginia Waterways Cleanup Day (part of the International Coastal Cleanup). They also complete "International Coastal Cleanup Data Cards" from the Ocean Conservancy, helping to collect valuable information about the amounts, types and sources of debris found along Virginia's waterways. CVW's cleanup events educate the public on issues of freshwater and marine pollution, especially the preventable problem of litter.

This is CVW's 19<sup>th</sup> year of organizing the Virginia Waterways Cleanup Day. It is supported by hundreds of schools, businesses and civic groups across the state. The International Coastal Cleanup is active in most states, and in 100 countries. As volunteers in Virginia are bagging trash and filling out data cards, more than 350,000 people worldwide are doing the same!

Volunteers are also needed for additional sites throughout the region. Check [here](#).



*City of Alexandria*  
[T&ES, Office of Environmental Quality](#)



# 4 MILE RUN AND MONTICELLO PARK CLEAN UP

When: Saturday October 26 8AM-12 Noon

Where: Meet at the 4 Mile Run Community Center.  
4109 Mount Vernon Ave.

Alexandria, Va. 22305

Contact: Jake Cuomo, [jfcuomo@comcast.net](mailto:jfcuomo@comcast.net)  
910-386-6006



**ENGAGE. ACT. SIGN UP.**

**FALL 2013 HOLMES RUN PARK CLEAN-UP**

**SAT. OCT. 26th, 10AM to 1 PM RAIN DATE IS SAT. NOV. 2nd**



**Meet at the Beatley Bridge.** Garbage bags will be provided but bring your own work gloves, boots and any other gear that might help. We will pick up only human-generated trash. For more information contact us at **703-461-3283**

FLYER DESIGN MARQUIS GRAPHIC DESIGN ASSOCIATES 703 519-7916 [Brian@MarquisGraphicDesign.com](mailto:Brian@MarquisGraphicDesign.com)

# SPRING 2014

# HOLMES RUN PARK CLEAN-UP

**SAT. MAY 10th,  
10 AM to  
1 PM**



RAIN DATE IS  
SAT. MAY  
17th



**Meet at the Beatley Bridge.** Garbage bags will be provided but bring your own work gloves, boots and any other gear that might help. We will pick up only human-generated trash. For more information contact us at **703-461-3283**

FLYER DESIGN MARQUIS GRAPHIC DESIGN ASSOCIATES 703 519-7916 Brian@MarquisGraphicDesign.com

From: Alexandria eNews <eNews\_1H11@enews.alexandriava.gov>  
Sent: Monday, October 21, 2013 10:47 AM  
To: eNews Subscribers  
Subject: Eco-City Alexandria Get Involved!

**Four Mile Run Park Cleanup – Saturday, October 26  
Holmes Run Fall Cleanup – Saturday, October 26**

---

**Volunteer for the Four Mile Run and Monticello Park Cleanup**

Saturday, October 26, 8 am – 12 pm  
Four Mile Run Park, 4131 Mount Vernon Ave.

Volunteer to cleanup Four Mile Run and Monticello Park Saturday, October 26. The City's Department of Transportation and Environmental Services (T&ES), [Office of Environmental Quality](#) (OEQ), in partnership with [Clean Virginia Waterways](#) is hosting this annual cleanup. This statewide event helps clean our waterways and collect valuable data about trash and litter.

Volunteers will meet at the Four Mile Run Community Center, located at 4109 Mount Vernon Avenue. This year's cleanup is being sponsored by the local Mom's Organic Market, whom will be providing a post-cleanup lunch at the adjacent Mount Vernon Alexandria store.

---

**Volunteer for the 2013 Holmes Run Fall Cleanup**

Saturday, October 26, 10 am – 1 pm  
Holmes Run Park, 301 N. Pickett St.

Volunteer to cleanup Holmes Run Saturday, October 26. Volunteers will meet at Beatley Bridge in Holmes Run Park, located at the intersection of North Pickett Street and Holmes Run Parkway. Garbage bags will be provided. Please bring your own work gloves, boots, and other gear that might help during the cleanup.

You are receiving this e-mail message because you are subscribed to one or more of the following groups in the City of Alexandria's free eNews service:  
Environmental News

Click here to change your eNews subscription choices: <http://enews.alexandriava.gov/mygroups.php>

Click here to remove your eNews account altogether: <http://enews.alexandriava.gov/userpage.php>

From: Alexandria eNews <eNews\_1GIV@enews.alexandriava.gov>  
Sent: Thursday, September 12, 2013 9:36 AM  
To: eNews Subscribers  
Subject: Volunteer for the 28th International Coastal Cleanup - Saturday, September 21

**Volunteer for the 28th International Coastal Cleanup**

**Saturday, September 21, 10 am – 12 noon  
Oronoco Bay Park, 100 Madison Street**

Are you interested in volunteering in the Ocean Conservancy's 28th Annual International Coastal Cleanup this weekend? This cleanup has been coordinated by Clean Virginia Waterways for the last 18 years, and is also sponsored by City's Department of Transportation and Environmental Services (T&ES), Office of Environmental Quality (OEQ). This annual statewide event helps clean our waterways and collect valuable data about trash and litter. We will be cleaning Oronoco Bay Park – rain or shine.

- Oronoco Bay Park is located at 100 Madison Street. Volunteers will meet at the end of Madison Street near the Rowing Clubhouse.
- What to wear? Volunteers should wear shoes and clothes that they do not mind getting dirty; trash bags and gloves will be provided.

Volunteers should RSVP by September 19th to [jeremy.hassan@alexandriava.gov](mailto:jeremy.hassan@alexandriava.gov). Registration will also occur at the end of Madison Street on Saturday morning.

For more information visit: [alexandriava.gov/Environment](http://alexandriava.gov/Environment).

You are receiving this e-mail message because you are subscribed to one or more of the following groups in the City of Alexandria's free eNews service:  
Environmental News, All T&ES General Information

Click here to change your eNews subscription choices: <http://enews.alexandriava.gov/mygroups.php>

Click here to remove your eNews account altogether: <http://enews.alexandriava.gov/userpage.php>

# ALEXANDRIANEWS.org

ARCHIVES 2013

[Home](#)[!\[\]\(1e498f4e3b32478700bd65b6a2c7eed3\_img.jpg\) Print](#)October 23, 2013 Published in [EcoNews](#), [Top Stories](#)

## Alexandria Wins Regional Trash Award

[!\[\]\(7af6ce14a28d939baed0e14f90e5b239\_img.jpg\) Share / Save](#)

By Carla Branch  
alexandrianews.org



(l-r) "Sherman's Lagoon" cartoonist and marine debris activist Jim Toomey, Police Sergeant Nick Ruggiero, Sheriff's Deputy James Velez, Code Administration Division Chief Philip Pugh, Alice Ferguson Foundation Executive Director Lori Arguelles, and Alice Ferguson Foundation Board President Michael Herman. (Courtesy photo)

The Alice Ferguson Foundation presented the City of Alexandria the Potomac Champion Award last Friday for the City's efforts to keep the Potomac watershed free from trash.

For the second year, the City's Code Administration, Sheriff's Office and Police Department participated in Litter Enforcement Month. "We collected data throughout the month of April and submitted it to the Foundation and I guess they were impressed with what we accomplished," said Philip Pugh, Chief Property Maintenance Division, Code Administration. "We are very honored to receive this award because our inspectors don't get a

lot of recognition.”



Deputy James Velez supervises members of the Inmate Work Detail as the collected litter on Mount Vernon Avenue during Litter Enforcement Month.

(l-r) Deputy James Velez, Terrance Roy, Stacey Payne and Aljauan Wesley.  
(Courtesy photo)

Code Administration inspectors are responsible for responding to complaints of illegal dumping, hoarding and rodents. They also proactively look for violations and issue citations when possible.

“Most illegal dumping happens during the night so it is often difficult to catch violators,” Pugh said. “The police department also writes civil citations and, in August, did make an arrest in the Hume Springs area for dumping furniture in an alley. The sheriff’s office helps as well.”

During Litter Enforcement Month, the Sheriff’s Office Inmate Work Detail worked 194 hours and cleaned up approximately 900 pounds of litter. “This really is a joint effort,” Pugh said.

The award is a piece of driftwood. “It was apparently designed by a junior high school student and we are very proud of it,” Pugh said.

[They Have Ayes But...](#)  
[In Support Of Sound Fiscal Policies](#)

Comments are closed.

- SEARCH



- Archives By Month

- [January 2014](#)
- [December 2013](#)
- [November 2013](#)
- [October 2013](#)
- [September 2013](#)
- [August 2013](#)
- [July 2013](#)
- [June 2013](#)
- [May 2013](#)
- [April 2013](#)
- [March 2013](#)
- [February 2013](#)
- [January 2013](#)

- Archives By Section

- [Announcements](#)
- [April Fool's Edition](#)
- [Arts & Style](#)
- [Breaking News](#)
- [Business](#)
- [Camp](#)
- [Choice 2014](#)
- [City Hall](#)
- [Courts & Crime](#)
- [EcoNews](#)
- [Editorials](#)
- [From Congress](#)
- [From Richmond](#)
- [Get Fit To Live](#)
- [Hash](#)
- [Health & Fitness](#)
- [Holiday Happenings](#)
- [Legal Corner](#)
- [Letters/Opinions](#)
- [Non-Profits](#)
- [Obituaries](#)
- [Other News](#)
- [Rants](#)
- [Schools](#)
- [Sports](#)

- [Top Stories](#)
- [Traffic & Transportation](#)
- [Volunteer Opportunities](#)
- Galleries

## [Galleries 2013](#)

[Top Home](#)

Powered by [WordPress](#)