

APPENDIX F

MINIMUM CONTROL MEASURE 6

MS4 ANNUAL REPORT

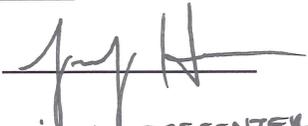
CONTENTS

Stormwater Pollution Prevention & Good Housekeeping Training Sign-In Sheet	06.03.2014
Stormwater Pollution Prevention & Good Housekeeping Training Room Reservation Form	06.03.2014
Screen Shots from Training Videos (Storm Warnings & Rain Check Videos)	
Stormwater Safety Presentation to Risk Management Committee	04.07.2014
Risk Management Committee Meeting Agenda	04.07.2014
Recreation, Parks and Cultural Activities Safety Conference Brochure	02.20.2014

CITY OF ALEXANDRIA STORMWATER POLLUTION PREVENTION & GOOD HOUSEKEEPING TRAINING SIGN-IN SHEET

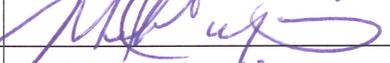
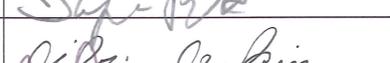
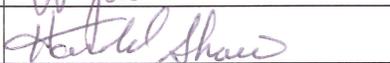
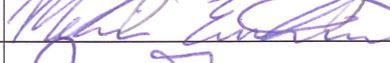
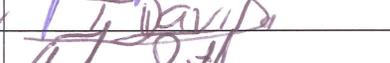
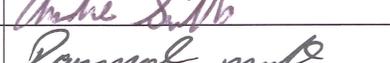
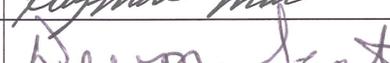
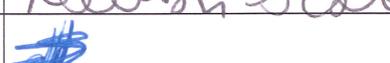
DATE: June 3, 2003^{2014 JH}

TIME: 10 AM

TRAINER: JEREMY HASSAN SIGNATURE OF LEAD TRAINER 

LESSON PLAN ELEMENTS: 22 EMPLOYEES & 1 PRESENTER

STORM WATCH DVD & QUIZ
RAIN CHECK DVD (MUNICIPAL MAINTENANCE & STORM INLET CLEANING)

PRINTED NAME	SIGNATURE	DIVISION
JUAN KILPATRICK		TES
THOMAS KNIGHTON		TEES
MICHAEL HAYNES		TEES
LARRY THOMPSON		TESS
GHENN CROUCH		TEES
ROBERT HENDERSON III		TE+S
KETH KETNER		" "
DWAYNE PARDIN		" "
GIBRI JENKINS		TE+S
WILLIAM JONES		TES
HAROLD SHAW		Maint.
FRANKIE WILLIAMS		TE+S-maint
JAYCE ALANCO		TE+S maint
TERRY STARLEY		TEES maint
MELVIN ENTWISLE JR		TEES Maint
* JEFF DUBAL		TE+S MAINT. DIVISION CHIEF*
ISIDRO DAVILA LEA		TE+S
ANDREW SMITH		TE+S
RAYMOND MURKIN		TE+S
DEVON SCOTT		TES
FLO. GOMEZ DUCAS		TES
TERRANCE ROSS		TEES

City of Alexandria, Virginia
 Transportation & Environmental Services
TRAINING ROOM RESERVATION FORM
 2900 Business Center Drive

REQUESTOR INFORMATION

Name of Requestor: Jeremy Hassan Date of Request: 05/16/2014
 Contact Name (if different from requestor): _____
 Department/Division: T&ES/Sanitary & Stormwater Infrastructure Division
 Phone #: 703-746-4127

MEETING INFORMATION ROOM IS AVAILABLE MONDAY-FRIDAY, 7 AM -4:30 P.M.

Date(s) Needed: 06/03/2014	From Time: (inc. setup) 9:30 am	To Time: 11:30 am
Subject of Meeting/Presentation: MS4 Good Housekeeping/Pollution Prevention & SSORP		
# of Attendees: Capacity		
A minimum of 25 participants is needed for AV setup support. (Room capacity is 55.)		
Will food/beverage be served? (Circle) YES NO Will kitchen be used? YES NO		

EQUIPMENT

AVAILABLE EQUIPMENT	WILL NEED (Check all that applies)
*HDTV with capacity for projecting computer presentation	X (will need both screens)
*Network/Internet Access	
Podium (Does NOT have a microphone)	X
AV Setup Support (For events with 25 or more participants) A 10 day lead time is needed to schedule resources. Only City equipment is supported.	User submits IT Equipment Reservation Form to IT Dept.

*Use of audio video equipment requires oversight by ITS or respective department ITS personnel. ITS Help Desk technicians will leave after equipment setup.

RESPONSIBILITY OF USER

- Room setup, breakdown and cleanup: Room must be put back to original floor plan after use.
- Provide any equipment needed for use with training room equipment.
- Attaching anything to the wall requires use of blue painter's tape.
- If food or beverage is to be served, arrangements need to be made for mat on the carpet where serving area is to be located.
- T&ES is not responsible for anything left on the premises.

PARKING

Extremely limited parking is available across from 2900 Business Center Drive in the lots on either side of the DASH Bus ramp. DO NOT PARK IN NUMBERED PARKING SPACES IN FRONT OF FACILITY; THESE ARE RESERVED. Handicap parking is available near main entrance.

PROCEDURE

Submit completed form to Karen Giuseppe, Box #66 or fax to 703.751.2569. All reservations are subject to availability of room and resources. You will receive a confirmation email once your request has been processed. If you have other questions, please call Karen Giuseppe at 703.746.4106.

via email

REGISTER AGREES TO TERMS AND CONDITIONS OF THIS REGISTRATION.

Sign  Date 5-16-2014

Office/correspondence/training room reservation

Storm Warnings: Stormwater Pollution Prevention

For Preview Only. Not for Training.



01:42 / 18:24

MORE INFO **SEND ME A FREE TRIAL** **ORDER**

All programs copyright Excal Visual. Saving, duplicating or use for training is a violation of copyright law.

Storm Warnings: Stormwater Pollution Prevention

For Preview Only. Not for Training.



13:06 / 18:24

MORE INFO **SEND ME A FREE TRIAL** **ORDER**

All programs copyright Excal Visual. Saving, duplicating or use for training is a violation of copyright law.

Storm Warnings: Stormwater Pollution Prevention

For Preview Only. Not for Training.



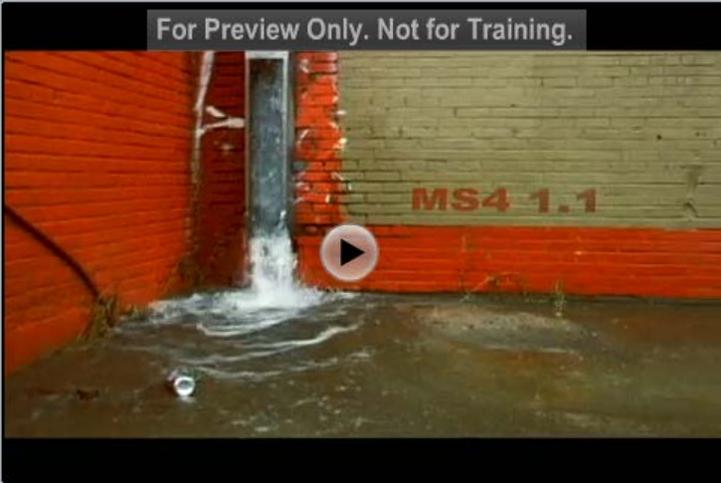
15:58 / 18:24

[MORE INFO](#) [SEND ME A FREE TRIAL](#) [ORDER](#)

All programs copyright Excal Visual. Saving, duplicating or use for training is a violation of copyright law.

Rain Check - Stormwater Pollution Prevention for MS4s

For Preview Only. Not for Training.



MS4 1.1

00:01 / 31:07

[MORE INFO](#) [SEND ME A FREE TRIAL](#) [ORDER](#)

All programs copyright Excal Visual. Saving, duplicating or use for training is a violation of copyright law.

Rain Check - Stormwater Pollution Prevention for MS4s

For Preview Only. Not for Training.



09:05 / 31:07

[MORE INFO](#) [SEND ME A FREE TRIAL](#) [ORDER](#)

All programs copyright Excal Visual. Saving, duplicating or use for training is a violation of copyright law.

Rain Check - Stormwater Pollution Prevention for MS4s

For Preview Only. Not for Training.



Spot Clean Immediately

06:22 / 31:07

[MORE INFO](#) [SEND ME A FREE TRIAL](#) [ORDER](#)

All programs copyright Excal Visual. Saving, duplicating or use for training is a violation of copyright law.



Eco-City Alexandria Initiative

Eco-City @ Work Series Risk Management Committee April 7, 2014



City of Alexandria, VA



ECO-CITY ALEXANDRIA



What is an Eco-City?

Sustainability – meeting our community’s present needs while preserving our historic character and ensuring the ability of future generations to meet their own needs

- Balancing and integrating environmental, economic, health and social issues so as to maximize the quality of life
- Places where people can live healthier & economically productive lives while...
 - Reducing their impact on the environment
 - Protecting natural resources
 - Restoring community assets



ECO-CITY ALEXANDRIA



Benefits of Eco-City

- Integrates existing plans, policies and projects, creating a holistic governance of City affairs toward sustainability
- Brand all environmentally-related activities under the Eco-City “umbrella”
- Funding for Environmental programs has been sustained and important for pursuing grants
- Market towards green businesses
- Leader in environmental sustainability, creating value and pride for Alexandrians

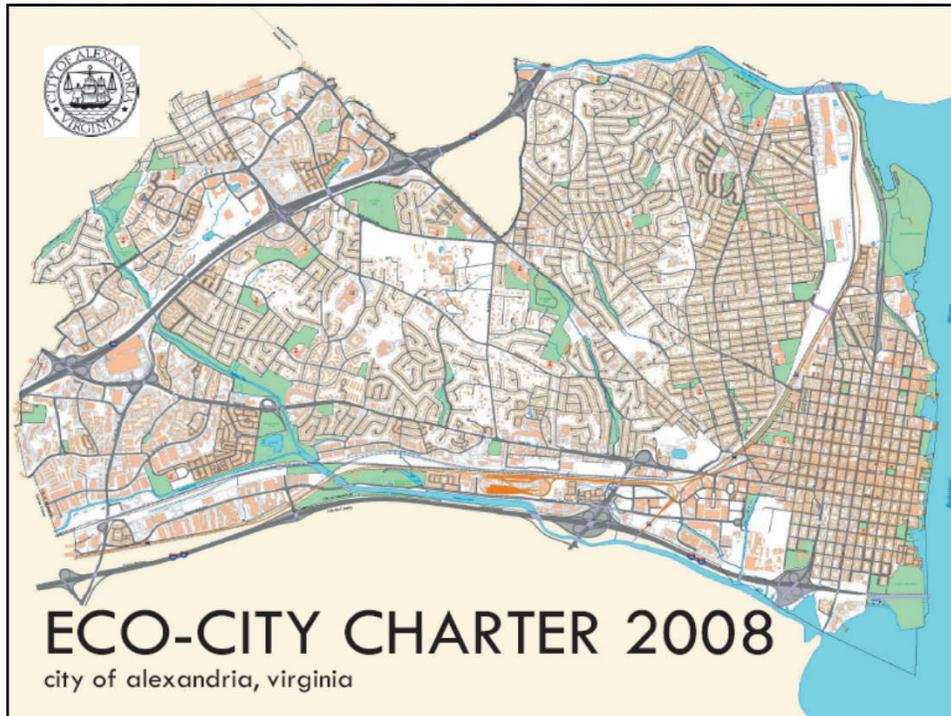


Partnership Between the City, Alexandria Environmental Policy Commission, Virginia Tech and the Community

Eco-City Alexandria project started in January 2007 following a request from City Council

- Green-Ventory and Compendium of Model Sustainability Practices – December 2007
- Eco-City Café and Eco-City Summit – Spring 2008
- Eco-City Charter Adoption – June 2008
- Phase I Environmental Action Plan Adoption – January 2009
- Environmental Action Plan 2030 Adoption - June 2009





Eco-City Charter Vision

- Citizens, businesses, and City government participate in a vibrant community that is always mindful of the needs and lifestyles of the generations to come
- Community well-being is supported by a strong economy and sustained by a healthy environment



ECO-CITY  ALEXANDRIA

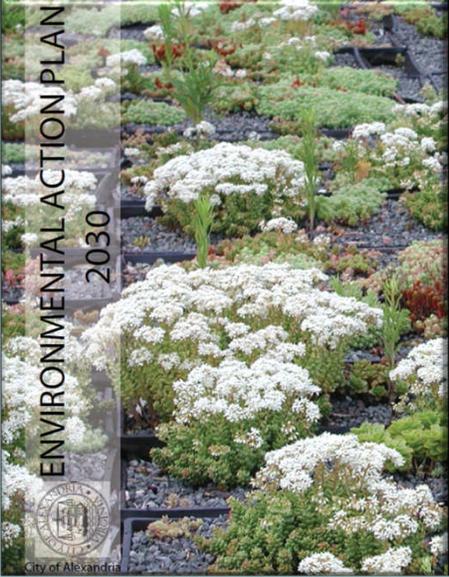


10 Eco-City Charter Principles

- Land Use and Open Space
- Water Resources
- Air Quality
- Transportation
- Energy
- Building Green
- Solid Waste
- Environmental Health
- Emerging Threats & Climate Change
- Implementation



Eco-CITY ALEXANDRIA



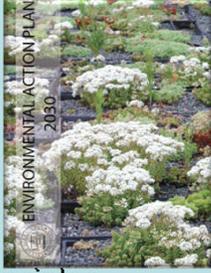
ENVIRONMENTAL ACTION PLAN
2030
City of Alexandria

Eco-CITY ALEXANDRIA



Environmental Action Plan 2030

- Comprehensive plan and road map for sustainability for the next 20 years
- Implementation plan based on ten guiding principles of the Eco-City Charter
- Contains 48 goals, 50 preliminary targets and 353 actions covering the next 20 years and beyond



Eco-CITY ALEXANDRIA



12 Eco-City Action Plan 2030 Principles

- **Transportation**
- **Green Building**
- **Air Quality**
- **Water Resources**
- **Environment and Health**
- **Energy**
- **Land Use and Open Space**
- **Solid Waste**
- **Global Climate Change and Other Emerging Threats**
- **EAP Implementation and Sustainability Sectors**

Eco-CITY ALEXANDRIA



Water Resources Principle

...managed in a sustainable manner consistent with good stewardship of the local streams, the Potomac River and the Chesapeake Bay for public health, ecological health, and recreational benefit of current and future generations.



What is Stormwater?

- Originates during precipitation events
- Does not soak into the ground or evaporate – runs off
- Increased by impervious surfaces
- Pollutants are swept directly into local streams





There are two basic types of stormwater pollution:

The kind that runs off as dirty storm water, also known as “non-point source” pollution, and...

The kind that gets dumped or discharged directly to the storm drain system.



Local Impacts?

- Most local streams do not meet water quality standards:
- Bacteria
- PCBs in Fish Tissue
- Litter and trash:
 - Over 140 bags of trash collected during City-hosted stream cleanups in FY2013
- Most City streams are rated fair or poor for aquatic habitats





Pollution Prevention and Good Housekeeping

- The City is required to:
 - Reduce non-stormwater discharges
 - Determine appropriate best management practices (BMPs) and measurable goals
 - Provide education and training for all municipal operations



Eco-CITY ALEXANDRIA



MS4 Permit Requirements

- Inspect the following:
 - Storage yards
 - Fleet and maintenance shops
 - Outdoor storage areas
 - Waste transfer stations
- Other facilities with the potential for significant materials exposure
- Must be reported to DEQ and will require the development of BMPs

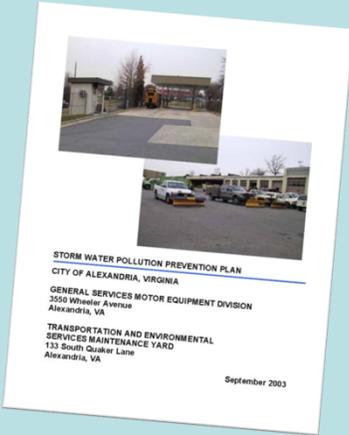


Eco-CITY ALEXANDRIA



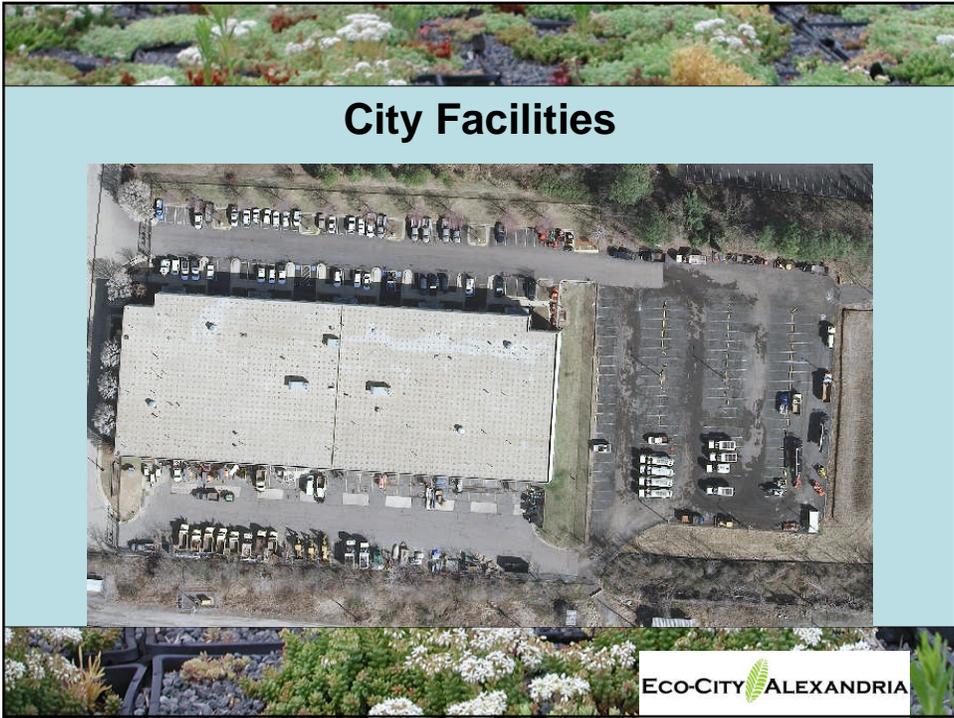
Stormwater Pollution Prevention Plan (SWPPP)

- Planning is the first step in successfully preventing pollution.
- Steps and activities designed to identify potential sources pollution
- Establishes BMPs to prevent or reduce pollutants



Possible Hazards and Sources of Pollution











Materials Storage



Eco-CITY ALEXANDRIA



Fuel Storage



Eco-CITY ALEXANDRIA



Waste Storage



Eco-CITY ALEXANDRIA



Fueling Station



Eco-CITY ALEXANDRIA



Materials Storage and Transfer








ECO-CITY  **ALEXANDRIA**



What is a BMP?

Measure used to minimize hazard or pollution









ECO-CITY  **ALEXANDRIA**



Baseline BMPs

- Label hazardous substances containers properly
- Store hazardous substances in appropriate containers
- Clean up spills/drips/leaks promptly
- Sweep up used dry absorb daily and dispose properly
- Visually inspections
- Secondary containment







Eco-CITY ALEXANDRIA



Site Specific BMPs

- Refueling Activities
 - No "topping off"
 - Remain with vehicle
 - Use dry absorb and clean it up
 - Spill kits
 - Minimize refueling during rain events
- Equipment Cleaning Areas
 - Use designated wash areas
 - Wash rack at 133 S. Quaker
(removed from service)






Eco-CITY ALEXANDRIA







What to look for/who to call

- Any of the following should be cause for further investigation:
 - Staining at the outfall
 - Color: milky, grey, sudsy, foamy, oily, or cloudy.
 - Odor: Rotten egg, chemical, chlorine, sewage
- If you suspect an illicit discharge:
 - City staff should contact the City's Office of Environmental Quality at 703-746-4065
 - Citizens may use the 24-hour Nuisance Abatement Hotline 703-836-0041.
- **Always call 911 if substance is potentially hazardous material**




Eco-CITY ALEXANDRIA



What to look for/who to call

- Any of the following should be cause for further investigation:
 - Staining at the outfall
 - Color: milky, grey, sudsy, foamy, oily, or cloudy.
 - Odor: Rotten egg, chemical, chlorine, sewage
- If you suspect an illicit discharge:
 - City staff should contact the City's Office of Environmental Quality at 703-746-4065
 - Citizens may use the 24-hour Nuisance Abatement Hotline 703-836-0041.
- **Always call 911 if substance is potentially hazardous material**





Eco-CITY ALEXANDRIA

The screenshot shows a web browser window displaying the City of Alexandria's Call-Click-Connect website. The browser's address bar shows the URL: `request.alexandriava.gov/CCC/#tab=Find&keyword=water`. The website header includes the City of Alexandria logo and navigation links for Home, Residents, Visitors, Business, City Departments, Call-Click-Connect, and Search. The main content area features the 'Call-Click-Connect' logo and a search bar with the keyword 'water' entered. Below the search bar, there is a list of search results:

- Marina and Waterfront Parks Maintenance
- Streets-Hydrant - Damaged or Leaking
- Water
- Water Damage in Public Building
- Water Quality-Creeks, River & Storm Water

At the bottom of the page, there is a banner for 'Eco-CITY ALEXANDRIA' with a leaf icon. On the right side of the page, there is a sidebar with contact information for the Office of Communications & Public Information, including the address (301 King Street, Room 1900), phone number (703.746.4357), fax number (703.838.6426), and office hours (Monday - Friday, 9:00 a.m. - 5:00 p.m.).

Risk Management Committee Agenda

April 7, 2014

1. Accomplishments/ Acknowledgments
2. OSHA or VOSH Audits – Joni Merrick
3. Report Focus – 2014 Return To Work Update
4. Environmental Control – Jeremy Hassan



Welcome to the

Department of Recreation, Parks and Cultural Activities

4th Annual Safety Conference

February 20, 2014

8:30 a.m.

On-Site Registration (Main Lobby).....RPCA Safety Council

9:00 a.m.

“Body by Bates” Mini Fitness Session.....Rodney Bates, Recreation Coordinator

9:15 a.m.

Welcome & Opening Remarks.....James Spengler, RPCA Director

9:30 a.m.

Welcome by RPCA Safety Council.....Dinesh Tiwari, Safety Liaison

♥ Introduction of Safety Council/Explanation of Sessions/Activities

9:45 a.m.

DuPont STOP Program..... RPCA STOP Trainers,
Dinesh Tiwari, John Noelle, Gladstone Harriott, James Nichols

10:15 a.m.

Emergency Preparedness..... David Barr, Fairfax County, Oak Marr Center

10:45 a.m. Break Out Sessions:

EXHIBIT HALL - Lower Level

♥ **Alexandria Safe Place** Margaret Orlando, RPCA Recreation Manager and Ann Redfearn, RPCA Program Coordinator

♥ **Apple Federal Credit Union** Aurora Grave

♥ **American Heart Association of the Greater Washington Region**

♥ **Defensive Driving** Isiah Speller, James Moore, Alexandria Risk Management Office

♥ **Environmental Protection Agency** Ryne Yarger

EXHIBIT HALL - Lower Level continued

♥ **Alexandria Human Resources-Healthy Living** Jina Edwards, Wellness Coordinator

♥ **Fastenal** Shawn Edelen and Mark Cooper

♥ **Fire Safety** Shawn Gore, Alexandria Fire Department

♥ **Personal Protective Equipment** Brian Batory, RPCA Equipment Maintenance Supervisor

♥ **Preparedness and Public Health** Paula Roser, Alexandria Health Department

♥ **Recycling** Stiles Peabody, Alexandria Department of T&ES

♥ **Virginia Cooperative Extension (4-H)** Reginald Morris, Extension Agent

♥ **White Cap Construction and Supply** Beth Markel, Safety Program Manager

FIRST FLOOR - East Hallway

♥ **Commonwealth One Federal Credit Union** Suzanne Waltmyer

♥ **Emergency Preparedness** David Barr, Fairfax County

♥ **Employee Assistance Program** INOVA Alexandria, Timiza Woods/Barbara Fornoff

♥ **Ergonomics** INOVA Physical Therapy Center, Martha M. Gephart, Physical Therapist

♥ **Blood Pressure Screenings** Patient First, Tara Ghavam

♥ **Chiropractic Exams/Message Therapy** Dr. Andrino D. Flevatomos

♥ **“Body by Bates” Fitness Demo** Rodney Bates, RPCA Recreation Coordinator

12:00 p.m. Lunch (Exhibit Hall)

12:15 p.m.

Personal Protection Equipment Demo (Exhibit Hall).....Brian Batory, RPCA Equipment Maintenance Supervisor

12:30 p.m. Safety Presentations:

♥ **Environmental Safety/Eco City Presentation** Jeremy Hassan Environmental Specialist, Alexandria Department of T&ES

♥ **Environmental Sustainability and Management System** Rod Simmons, RPCA Natural Resource Specialist

♥**Safety Spotlight Recognition** RPCA Safety Council

The Safety Council would like to thank the following individuals/organizations for their support

RPCA Custodial Team - Rudolph Moten, David Wright

RPCA, Director, James Spengler

Alexandria Department of RPCA Senior Staff

Alexandria Department of Recreation Staff

RPCA Customer Care Council

Alexandria Fire Department

Alexandria Health Department

Alexandria Human Services Department

"Body by Bates" Fitness Demonstration

Alexandria Risk Management Office

Alexandria Safe Place

Alexandria Department of T&ES-Recycling Office

Alexandria Department of T&ES-Environmental Quality

American Heart Association of Greater Washington Region

Apple Federal Credit Union

Chiropractor Associates

Commonwealth One Federal Credit Union

DuPont STOP Safety Program Trainers

David Barr, Fairfax County, Oak Marr Center

Fastenal

INOVA Alexandria- Employee Assistance Program (EAP)

INOVA Alexandria - Physical Therapy Center

Patient First

Virginia Cooperative Extension (4-H)

White Cap Construction and Supply

Environmental Protection Agency (EPA)

Special thanks to the RPCA Safety Council Members for helping organizing this event.

**Robin DeShields-Chair, LaWan Croswell, Marvin Elliott, Eugene Loew,
Gladstone Harriott, John Noelle, James Nichols, Marchelle Toliver,
Dinesh Tiwari (Safety Council Liaison), Belinda Hilliard, H.R. Manager**



**City of Alexandria
Department of Recreation, Parks
and Cultural Activities**



4th Annual Safety Conference

February 20, 2014

8:30 a.m.-1:30 p.m.

Lee Center



Moving SAFETY Forward