



Kim J. Huntley, former Deputy Commander of DSCR, gives opening remarks at the V-REMS Quarterly Meeting.

“Over the past five years, the V-REMS partnership has allowed the DSCR to improve our relationship with local communities, support the Commonwealth's environmental goals and help the installation improve environmental performance. In these three ways, V-REMS significantly supports our Mission Readiness and demonstrates our environmental leadership in the community. DSCR is pleased to be able to continue supporting the partnership and Virginia for the future.”

Kathy Cutler,
DSCR Deputy Commander

OBJECTIVE

To use the EMS process to improve regional environmental performance and to capture best practices, lessons learned, and keys to success as a model for replication by others. The process is judged by environmental performance, stewardship, stakeholder participation, and management confidence.

GENERAL DESCRIPTION

Defense Supply Center Richmond's (DSCR) work began as part of its own EMS project and has expanded over five years to become a cooperative effort to improve the Commonwealth's sustainability. Because of the benefits it has received from V-REMS, DSCR continues to champion the partnership today. Working closely with Federal and State regulatory agencies and private organizations has contributed to DSCR's mission readiness and has facilitated compliance above and beyond existing requirements and executive orders.



QUICK FACTS: Defense Supply Center Richmond

- ◆ The facility has more than 7 million square feet of covered and uncovered storage areas and has in excess of 2,400 employees.
- ◆ DSCR was one of the original four V-REMS partners and continues to support V-REMS into its successful sixth year.
- ◆ Representatives from DSCR have been active in the Biofuels, E-85, Green Building, Diesel School Bus Retrofits, Electronics Recycling, Land Conservation, Stormwater Management, and CFL Recycling Workgroups.

PARTNER SUSTAINABILITY GOALS

- ◆ DSCR aims to develop cost-effective sustainable strategies, increase stakeholder confidence, improve environmental performance and stewardship, strengthen intergovernmental relationships, and expand the partnership within the Commonwealth and beyond.



Completed rain garden at DSCR for stormwater control.

ADDING VALUE TO V-REMS

The V-REMS Partnership's success has led to continuing support by DSCR, the DoD, and the Commonwealth of Virginia made initial contacts with proposed partners and developed a conceptual framework for an EMS regional approach to improve stakeholder relationships.

- ★ Based on the positive benefits achieved from the partnership's original pilot program, DSCR pledged to support V-REMS after the pilot program ended and continues to fund it today.
- ★ Over the course of V-REMS' existence, Jimmy Parrish has shared experiences with other interested organizations to demonstrate the partnership's replicability and continue outreach. As V-REMS grows, more partners will benefit from sharing information and leveraging resources.
- ★ Based upon the PEER Center List Serve, DSCR has reached out to other partners and EMS practitioners for information and advice about topics including green purchasing and invasive species control.

V-REMS

PARTNER COMMUNITY & ENVIRONMENTAL PRIORITIES

- ◆ DSCR wanted to be proactive in preventing and solving environmental problems and in improving their dialogue with their neighbors and regulators. This goal has led DSCR through its exceptional level of activity within the V-REMS partnership.
- ◆ By building numerous rain gardens on its property, DSCR has enhanced the sharing of stormwater best management practices while improving stormwater quality at the facility.
- ◆ In recent years, DSCR has used the partnership to implement joint projects through land conservation and stormwater management to protect the Chesapeake Bay area. These contributions have helped the partnership win the Businesses for the Bay Partner of the Year for 2007.

PARTNER ACCOMPLISHMENTS: Working within the V-REMS partnership, DSCR has achieved significant environmental milestones. The lessons learned communicated by other partners have helped DSCR on the way to attaining its sustainability goals. The activities of each respective workgroup were essential in providing DSCR with the resources needed to implement the following projects:

LIGHT BULB AND ELECTRONICS RECYCLING

DSCR changed out 50,000 inefficient bulbs, recovering 600 grams of mercury in a small bulb crusher. Efforts will continue as DSCR plans to change out an average of 15,000 bulbs annually, recycling approximately 180 grams of mercury per year. Beyond light bulbs, DSCR recycled 350 computer monitors, 245 printers (including faxes, digital senders, and projectors), 725 laptops, and 515 desktop computers between years 2006 and 2008.

STORMWATER

Assisted by 15 Boy Scouts, DSCR built eight rain gardens (bio-filtration areas) along the edge of a large parking lot and vehicle maintenance building. In addition, as part of its own EMS, DSCR is pursuing the painting of storm and sanitary drain lines on the DSCR campus. This effort is made possible due to information received through the V-REMS partnership.

ENERGY EFFICIENCY

The installation put in motion sensors and timed light switches in their facilities leading to an annual energy savings of \$337,701. In V-REMS' first year alone, DSCR reduced sulfur emissions from 100 tons to 7 tons, purchased a fleet of 12 electric vehicles, and labeled drains to educate the public.

LAND CONSERVATION

The installation is working to contribute approximately 20 acres of land to Governor Kaine's Land Conservation Initiative.

E-85

DSCR installed its own 6,000 gallon E-85 fuel tank and dispenser, making this fuel available for use in government-owned vehicles and private vehicles operated by DSCR's 2,400 employees and visitors to the installation. By replacing the use of conventional gas with E-85, DSCR expects to save approximately 3,250 gallons of conventional gas per month. With over 40% of its fleet now able to use E-85, and by using other innovative means of green transportation, DSCR is effectively meeting the mandates of E.O. 13423 and the Energy Policy Act.



An employee of DSCR fills up his AFV with E 85 fuel at DSCR's above ground E-85 fueling station.

"DSCR continues to find value in the V-REMS partnership because it enhances the facility's mission readiness and provides significant benefits to the local community."

Jimmy Parrish, Defense Supply Center Richmond

BENEFITS FROM PARTICIPATING IN V-REMS

The V-REMS partnership offers an established forum which is successful in enhancing communication and trust among partners and the respective community as well as improving environmental quality across the Commonwealth of Virginia. DSCR recognizes that good relationships with diverse partners and the surrounding communities are essential for the long-term viability of the regional environment and the installation's mission. For its efforts, DSCR has received numerous awards including:

- ★ The Businesses for the Bay's Outstanding Achievement Award for a Government Facility, based on its EMS
- ★ The 6th Annual DLA Environmental Award for a community-based EMS
- ★ The White House Closing the Circle Award for V-REMS leadership, recognizing the facility for outstanding achievements in promoting environmental stewardship
- ★ The DoD/EPA/States Region III Environmental Award for EMS and V-REMS leadership