



REGIONAL RESPONSE TEAM

FEDERAL REGION III

Environmental
Protection Agency

U.S. Coast Guard

Department of
Agriculture

Department of
Commerce

Department of
Defense

Department of Energy

Department of
Health and Human
Services

Department of
Interior

Department of
Justice

Department of Labor

Department of
Transportation

Federal Emergency
Management Agency

General Services
Administration

Commonwealth of
Pennsylvania

Commonwealth of
Virginia

State of Delaware

State of Maryland

State of West Virginia

District of Columbia

16452.1C

February 7, 2013

Mr. Mike Faulkner
National Response Team
USEPA Headquarters
OEM/MC 5104 A
1200 Pennsylvania Avenue, NW
Washington, DC 20460

Dear Mr. Faulkner:

Please find enclosed the Region III Regional Response Team Annual Report for the period, January 1, 2012 to December 31, 2012.

Sincerely,

DAVID P. WRIGHT
Associate Director
Office of Preparedness and Response
EPA Co-Chair, RRT III

DAVID T. ORMES
Fifth Coast Guard District (dxc)
CG Co-Chair, RRT III

Encl: (1) 2012 RRT III Annual Report

Commander (dxc)
Fifth Coast Guard District
431 Crawford Street
Portsmouth, VA 23704

Chief, Office of Preparedness and Response
U.S. Environmental Protection Agency
Region III
1650 Arch Street
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RRT III Annual Report
January 1, 2012 – December 31, 2012

Executive Summary for Region 3 RRT

- I. **Introduction.** RRT III challenges, lessons learned, and best practices for 2012 are listed below:
- II. **Challenges** - A demanding or stimulating situation that required close scrutiny by the RRT. Challenges with an interagency or intergovernmental component would be most helpful.
 - a. **RRT III 2013 Two Meeting Schedule** – In 2013, RRT III will transition from three to two meetings a year due to budget constraints. RRT III will have new management members: EPA Co-Chair, NRDA and Information Management Workgroup Chairs, and new CGD5 RRT III Coordinator. We expect to increase the use of remote meetings, webinars, teleconference calls, e-mails to deal with issues and topics that need to be addressed, and to meet workgroup objectives.
 - b. **Loss of CERCLA Funds and Budget Constraints** – In 2013, the loss of CERCLA funds to supplement RRT meeting costs and to fund CGD5 members' travel to attend meetings is an on-going challenge. A new funding source must be identified. DHS and CG must concur with the OMB Approval Requirements to submit Conference Hosting Forms and also Post Conference Forms when meeting costs are involved to CFO (CG-8) for processing and approval. NRT, RRT, and AC meetings must be treated as conferences if costs in addition to employee travel and per diem are incurred. Budget cuts for federal and state agencies, and travel restrictions continue to pose challenges for RRT meeting attendance and participation.
 - c. **Training and Meeting Topics** – Training and maintaining education levels of members and include agenda topics of interest to encourage attendance and participation of Region III federal agencies, state representatives, and industry. Invite and promote participation of inactive state and federal agency representatives in our RRT meetings.
 - d. **Remediation of Underwater Legacy Environmental Threats (RULET) Program and Risk Assessments within D5 AOR**– A meeting with NOAA and Fifth Coast Guard District was held on August 30, 2012, to discuss the RULET program and Fifth District wreck data (specific risk assessments focused on high and medium priority vessels) within CGD5 AOR. D5 will review the assessments provided for vessels of interest and work to promote awareness of the RULET program through our Area Committees.
- III. **Lessons Learned** - Derived from a problem that you encountered through an incident or exercise.
 - a. **Gas Well Drilling and Fracking Operations** - The gas well drilling and hydro-fracking operations, especially in Pennsylvania (PA) and West Virginia (WV); the

development and implementation of new state hydro-fracking regulations for gas well production and licenses, associated issues, i.e. –environmental, contaminated ground water, food impacts, and the link of fracking with illness in livestock (cattle) are concerns to Region III and other regions.

During our September 2012, RRT III meeting, Mr. Kerry Leib, Pennsylvania Department of Environmental Protection (PA DEP), provided an overview of the status of gas well development and regulations associated with managing the environmental issues associated with hydro-fracking that is taking place within Marcellus Shale formations and other areas in the U.S. Mr. Leib provided a historical summary of Pennsylvania's interaction with the oil and gas extraction and production industry and how the industry, regulations, and other aspects have changed with the more recent Marcellus Shale drilling. In 2007, gas extraction and production on Marcellus Shale began in earnest. But this was not a new issue in PA; gas production drilling has been in place for years and hydro-fracking is only one of the issues associated with oil and gas drilling.

- b. **Delmarva Spill Tabletop Exercise – January 10, 2012** – This is a continuation of the Delmarva exercise that took place back in September 2010. During the 2010 exercise, the participants identified some of the concerns and issues that are unique to the Delmarva Peninsula. This tabletop was developed to continue that effort and to further evaluate the use of dispersants in these areas.
- c. **Panel Discussion – Eastern Shore Dispersant Workshop Results – May 15, 2012** – RRT III members participated in an informal panel discussion to share their involvement and participation with the Eastern Shore Dispersant Workshop held on February 16, 2012. A summary was provided of the workshop, the speakers shared specific topics, some lessons learned from the workshop, and future involvement of the RRT with stakeholders and dealing with dispersants.

The panel participants recommended that this workshop format be repeated around the country for dispersants. This stakeholder engagement process could also be applied to other issues of concern for the region (e.g., Marcellus Shale Fracking issues, ports of safe refuge, etc.).

IV. Best Practices- An institutionalized process that was derived from a lesson learned and can be applied to other situations or incidents

- a. **Dispersant Reference Database** – RRT III members were requested to provide comments on what they would need or like to see before authorizing updates to our current RRT III MOU Dispersant Pre-Authorization document. One recurring theme was “data.” Subsequently, we have compiled an extensive dispersant reference database with numerous files containing years of dispersant information and data from various sources that all RRTs should be made aware of its existence and have easy access to the files.

The most logical way to achieve this is for the Dispersant Reference File to be posted on the NRT website. Besides ensuring improved awareness and access, an NRT listing of the material promotes RRTs and Area Committees to continue the difficult work of updating their dispersant use decision-making policies per the guidance from the NRT and EPA following the Deep Water Horizon incident.

Over the past two years, dispersant use decision-making has been a major priority for the entire National Response System. We believe this reference source will not only be useful during this period of preparedness, but also extremely handy when the country is faced with another major oil spill requiring extensive consideration on the use of dispersants. If established on the NRT website, the NRT and EPA can easily add documents that they have been using while amending Subpart J.

- b. Eastern Shore Dispersant Workshop** - The Eastern Shore's Dispersant Workshop was held on February 16, 2012, on the Eastern Shore. In summary, Sector Hampton Roads COTP coordinated a dispersant workshop as a preparedness activity in response to requests from The Nature Conservancy (TNC) and other local partners to learn more about dispersants and their potential use as a spill response countermeasure for an oil spill offshore of the Delmarva Peninsula.

The objective of this workshop was to directly engage with the kind of local stakeholders who expressed great concern over dispersant use in the Gulf of Mexico during the Deep Water Horizon (DWH) response efforts. The overall goal was to establish trusted relationships with local stakeholders in this ecologically sensitive area and strengthen/deepen the relationships among oil spill technical specialists. The focus of the workshop was not to sway the stakeholder's opinions but to provide them with the science and procedures behind the dispersant use decision-making process to allow them to formulate their own informed opinions.

In general, the workshop participants were very positive of the workshop process and overall were appreciative of the experience. The panel participants recommended that this workshop format be repeated around the country for dispersants. This stakeholder engagement process could also be applied to other issues of concern for the Region (e.g., Marcellus Shale Fracking issues, ports of safe refuge, etc.).

- V. Conclusion** – The RRT III has the responsibility to ensure all members have input to policies and decisions that affect their agencies or departments. Encourage all members to actively participate in the workgroup meetings and RRT meetings in 2013 as we transition from three to two meetings, strengthen our partnerships and share their perspectives on improving the RRT.

RRT III DISPERSANT REFERENCE DATABASE

- a. **Dispersant Reference Database** –RRT III Spill Response Countermeasures Workgroup members have compiled an extensive dispersant reference database with numerous files containing years of dispersant information and data from various sources that all RRTs should be made aware of its existence and have easy access to the files. We have requested the NRT to post this database on the NRT website.

Sponsor: RRT III**Phone:** 215 814-3418 / 843-367-5126**POCs:** Kevin Boyd, EPA Region 3 and
Debbie Scholz , SEA Consulting Group**E-mail:** boyd.kevin@epa.gov ;
dscholz@seaconsulting.com**Web link:** <http://www.rrt3.nrt.org>**Eastern Shore Dispersant Workshop – February 16, 2012**

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Scholz , SEA Consulting Group**E-mail:** boyd.kevin@epa.gov ;
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**REGION III REGIONAL RESPONSE TEAM
ANNUAL REPORT**

January 1, 2012 through December 31, 2012

1. MAJOR ACTIVITIES:

a. RRT III Meetings: January 10-12, 2012, Williamsburg, Virginia, May 15-17, 2012, Ocean City, Maryland, and September 11-13, 2012, in State College, Pennsylvania.

b. Agenda, minutes, etc. are attached:

c. Teleconference Calls: USCG Sector Delaware Bay Full-Scale Government-Led PREP Exercise - April 25, 2012, and Paulsboro Train Derailment - December 13, 2012, Regions II/III.

2. MAJOR INCIDENTS:

a. EPA Incidents:

(1) The following EPA Superfund Removal Projects were started:

PROJECT NAME	LOCATION	START DATE
1. Dimock Residential Groundwater Site	Dimock, PA	01/19/12
2. Brandywine Drum Site	Brandywine, MD	04/13/12
3. Old Bassett Warehouse Fire	Bassett, VA	04/24/12
4. Ordnance Products, Inc.	North East, MD	06/14/12
5. Hamburg Lead – Primrose / Church Site	Hamburg, PA	08/13/12
6. R207 LLC Drum Site	Ruther Glen, VA	08/17/12
7. HERC Warehouse Fire Site	Portsmouth, VA	08/24/12
8. Chem-Fab	Doylestown, PA	11/08/12
9. Safety Light Corporation	Bloomsburg, PA	11/08/12
10. Hoff VC Site	New Hanover Twp., PA	11/10/12
11. Morris Mill TCE Site	Salisbury, MD	11/16/12

(2) 11 removals were completed:

PROJECT NAME	LOCATION	DATE CLOSED
1. Boulevard Cleaners	Hampton, VA	02/06/12
2. Louisa Acme Well Site	Louisa, VA	03/30/12

3. Hamburg Lead Site	Hamburg, PA	04/06/12
4. Brandywine Drum Site	Brandywine, MD	06/04/12
5. Agmet Corp	Delano, PA	06/30/12
6. Chesapeake ATGAS 2H Well Site	Leroy, PA	08/07/12
7. Old Bassett Warehouse Fire	Bassett, VA	08/07/12
8. FMO Pesticide Site	Whitehall Twp., PA	08/15/12
9. Dimock Residential Groundwater Site	Dimock, PA	08/31/12
10. Lower Darby Creek Area	Darby Twp., PA	09/19/12
11. Powhatan Mining Company	Woodlawn, MD	09/27/12

(3) 25 removal assessments were performed:

District of Columbia -	1	Pennsylvania -	8
Delaware -	1	Virginia -	3
Maryland -	2	West Virginia -	10

(4) The number of notifications received into the Emergency Response Notification System for this reporting period is 1743. The following is a breakdown by state:

District of Columbia -	38	Pennsylvania -	708
Delaware -	67	Virginia -	412
Maryland -	276	West Virginia -	239

(The difference in total number of records is the omission of "out of region" notifications).

Region 3 Participated in NASCAR Race Activities – For the 9th year, at the request of the local emergency management officials, EPA Region 3, EPA ERT, EPA contractors and Monroe County personnel mobilized to the Pocono 400 NASCAR race and the Pennsylvania 400 NASCAR race at the Pocono Raceway, in Long Pond, Monroe County, Pennsylvania. Deployment dates were: Pocono 400 - June 5th through June 11th, 2012; and Pennsylvania 400 - July 31st through August 6th, 2012. A total of approximately 20 people participated in the Pocono Raceway Deployment.

Local emergency management personnel have long been concerned about the limited ingress and egress available to the racetrack located in Long Pond, PA. On race week the Long Pond area which has limited response equipment and personnel, swells to a population that makes it the third most populated area in Pennsylvania. Local officials concerned about potential terrorist activities have consistently sought EPA assistance in helping them address raceway security.

In the past the Region has taken advantage of the predeployments to provide active training for OSCs and Response Support Corp (RSC) personnel, including practicing our understanding and use of ICS and various pieces of new monitoring equipment. Also in previous years, EPA had also partnered with PADEP to provide air monitoring and analytical support for security surveillance. Other federal partners had included FBI and ATF, who had used homeland security funding to deploy to the races.

Starting in 2012, EPA implemented a transition effort whereby EPA personnel and contractors trained local responders and then allowed them to assume responsibility for the fixed air monitoring. The exercise objectives were:

1. Support Monroe County by Exercising and providing chemical and radiological monitoring during both 2012 NASCAR race events;
2. Provide response capabilities and support Monroe County as necessary;
3. Assist Monroe County in deploying and managing monitoring activities and associated monitoring data.
4. Transition management and execution of air monitoring operations (MSA SafeSite) to Monroe County.

Hurricane Sandy Response - Region 3 provided support to Region 2 on their FEMA Mission Assignments in response to impacts from Hurricane Sandy in both New Jersey and New York. During the time frame from early November to the end of December, Region 3 provided: 17 On-Scene Coordinators (OSCs), 1 Finance Section Chief, 1 Assistant Safety Officer, 1 Documentation Unit Leader, 2 Data Management Leaders, 1 Resources Unit Leader, 1 Critical Incident Stress Management (CISM), and the Region 3 Mobile Command Post.

b. Coast Guard Incidents:

- (1) Port of Wilmington Marine Terminal
(Actual Medium Spill)
Christina River
Wilmington, Delaware
Sector Delaware Bay
April 22, 2012

On April 22, 2012, Sector Delaware Bay received a report of a discharge of approximately 1,300 gallons of diesel from a crane located at the Port of Wilmington Marine Terminal in Wilmington, DE. The oil was discharged due to equipment failure into a storm drain, which flows into the Christina River. Sector Delaware Bay responders investigated the area and verified the discharged oil. The product surrounded the moored vessel, M/V DOLE CHILE, and there was a silvery sheen on the Christina River. Moran Environmental was on-scene laying out sorbents, power washing the deck, and deploying a small boat to boom around the vessel. Moran Environmental also set up a drum skimmer, deployed sorbents, and used a vacuum truck to remove the oil on the surface of the water. Diamond State Port Corporation, the responsible party, was charged a \$1,000 civil penalty for this incident.

- (2) M/V TAMAROA – (USCGC TAMAROA Decommissioned)
(Potential Medium Spill)
Western side of Campostella Bridge
Elizabeth River
Sector Hampton Roads
May 22, 2012

On May 22, 2012, Sector Hampton Roads duty personnel responded to a report from the American Marine Group of the M/V TAMAROA taking on water. First reports were that the vessel had 3,000 gallons of oily water mixture on board. Once on scene, the duty Pollution Responder (PR) found a 3-inch pump dewatering from bow. After speaking with a facility representative, they believed a soft patch had come loose on the bow under the water line. The duty PR boarded the vessel, entered the engine room, and found a thumb-sized hole on the hull (port side). The starboard fuel tank had a leaking soft patch, which was later determined to be filled with water and chain for ballast. Sector Hampton Roads PR determined that the vessel had a valid COFR. The owner's representative was contacted and advised there was no fuel in the fuel tanks, and there were two day tanks that contained an estimated 700 gallons of fuel used to run the generators. He estimated an additional 500 gallons of lube oil in the engines. He was advised to contact his insurance company, and the PR wanted the vessel boomed off and a plan developed to remove the entire product on board. Upon further inspection of the tanks, more oily water mixture was discovered. Approximately 1,200 gallons of oily water mixture was discharged into the environment, and approximately 11,800 gallons of oily/water mixture was removed from the vessel.

- (3) Sunoco Philadelphia Refinery (currently Philadelphia Energy Solutions)
(Potential Major Spill)
Philadelphia, PA
Sector Delaware Bay
November 8, 2011 – October 23, 2012

On November 8, 2011, Sector Delaware Bay received a report regarding a discharge of oil from a Philadelphia city sewer that runs through the Sunoco Philadelphia Refinery (currently Philadelphia Energy Solutions). There was a report of accumulating oil and a discharge into a containment area that the facility had constructed to mitigate sheens coming from the outfall to the Schuylkill River. Oil was discharging past the containment area into the river.

In June 2012, after months of investigation by Sector Delaware Bay Incident Management (IMD) Division staff, PA Department of Environmental Protection, and facility personnel, the source of the discharge was determined to be from an underground plume located along the outfall. The plume was most likely a result of more than 100 years of refinement operations on the facility. The plume, coupled with heavy rains, caused the water table to rise. Between December 7, 2011, and January 6, 2012, approximately 66 gallons of crude leached into the city sewer and discharged into the Schuylkill River. The facility set up a complex system of recovery wells that pulled 31,654 gallons of crude from the ground as of July 20, 2012.

The case was submitted to the CG Hearing Office and a penalty of \$5,000 was imposed. Currently the facility maintains boom and sorbents around the outfall to collect any minor sheen that still intermittently discharges and Sector Delaware Bay IMD personnel conduct regular harbor patrols of the incident site.

- (4) Barge AI524
Marathon Petroleum Company Harbor Dispatch
(Potential Medium Spill)
Ohio River - Mile Marker 318
Marine Safety Unit (MSU) Huntington
August 6, 2012

On August 6, 2012, MSU Huntington received an NRC report stating that Barge AI524 located at Marathon Petroleum Company (MPC) Harbor Dispatch had leaked about 20 gallons of oily water onto its deck and into the Ohio River, a US navigable waterway, at Mile Marker 318 and created a visible sheen. The leak, which was caused by a valve top missing a gasket, was secured and cleanup procedures were initiated. Upon MSU Huntington's arrival, no further cleanup was deemed necessary and the remainder of the oily water dissipated naturally. There was a potential release of 390 barrels of oil.

- (5) KIRBY 28085
(Potential Major Spill)
Ohio River - Mile Marker 65
MSU Pittsburgh
September 28, 2012

On September 28, 2012, the KIRBY 28085 ran aground while underway on the Ohio River at Mile Marker 65. There was no initial discharge but MSU Pittsburgh worked with the responsible party and other agencies to develop a salvage plan, which was required by a Captain of the Port Order. The potential discharge was approximately 21,000 barrels of diesel fuel.

- (6) 3,000 GALLON SPILL
(Actual Medium Inland Spill)
New Market Creek
Hampton, VA
Sector Hampton Roads
October 14, 2012

On October 14, 2012, Virginia Dept. of Emergency Management and Hampton Fire/Hazmat Team responded to an oil spill of approximately 3,000 gallons of used motor oil into a dry creek bed in Hampton, Virginia. The Responsible Party, Master Fleet Services, hired LCM Cooperation, a local Oil Spill Response Organization (OSRO), to clean up the spill. LCM commenced clean-up operations and boomed the area. On the evening of October 15, 2012, a rain storm from a passing frontal system caused water to pass through the previously dry creek bed damaging the boom and moved a portion of product out into New Market Creek, a tributary of the Chesapeake Bay. Once the product reached navigable waterways, the Coast Guard was

contacted by the state and local agencies to assist in overseeing the cleanup of the affected areas of the discharge, including the source of the spill, the creek bed, as well as adjoining marsh.

- (7) Heater Barge AO 94
Marathon Oil Refinery
(Potential Major Spill)
Big Sandy River
Marine Safety Unit Huntington
November 11, 2012

On November 11, 2012, approximately 15 gallons of number 6 oil was discharged into the Big Sandy River, a navigable U.S. waterway, creating a film. The discharge came from a steam line onboard the Heater Barge AO 94 carrying 9,500 barrels of number 6 oil at the Marathon Oil Refinery (potential release). The refinery light oil dock PIC believed the internal steam lines may be holed, allowing product into the lines. The source was secured and the oil in the water and on deck was cleaned up satisfactorily.

- (8) East Jefferson Street Railroad Bridge Train Derailment Incident (Region II)
Mantua Creek, Paulsboro, NJ
(Actual Medium Hazardous Materials Spill)
Sector Delaware Bay
November 30 – December 17, 2012

At approximately 0700 on November 30, 2012, as a rail car train crossed over Mantua Creek on the East Jefferson Street Bridge in Paulsboro, New Jersey, a derailment occurred and forced seven rail cars off the tracks with four travelling down into the waterway. One of the four derailed cars contained vinyl chloride and was breached releasing approximately 18,000 gallons of the hazardous material into the atmosphere. This incident was labeled as a Type 2 incident response based on Incident Management System (ICS) definitions. The complicated response operations involved a two phase evolution. The first phase was to remove product from and purge the breached vinyl chloride rail car and ensure that the tank car was safely inerted. The second phase involved utilizing a 150-ton crane barge, with two tug boats to assist, to remove the four derailed cars from the waterway and reset the three remaining derailed cars back onto the tracks.

The event resulted in the evacuation of 260 households, the closure of businesses, and the cancellation of school for a continuous 6-day period within the affected area. Members from Sector Delaware Bay quickly assessed incident reports, dispatched first responders (investigators), to include Atlantic Strike Team (AST) personnel for site safety purposes, and activated the Sector's Incident Management Team (IMT). National Oceanic and Atmospheric Administration (NOAA) plume modeling was conducted immediately offsite by our Scientific Support Coordinator (SSC), and was vital in setting the half mile evacuation zone. Within twelve hours, the Coast Guard had mobilized \$10,000 worth of equipment and established an Incident Command Post at the Gloucester County Fire Marshal Training Center in Clarksboro, New Jersey. The Unified Command set objectives and priorities to ensure a safe and effective response, which made the safety of responders and the public the main concern. Air quality monitoring patrols and fixed stations were established by the Environmental Protection Agency (EPA), Conrail, the responsible party's hired contractor, Center for Toxicology and Environmental Health (CTEH).

3. EXERCISES.

a. EPA:

EPA Region 3 Participated in Forward Resolve 2012 Tabletop Exercise (TTX), Washington, DC – On March 6-7, 2012, EPA Region 3 OSC Charlie Fitzsimmons participated in a 2 day Tabletop Exercise (TTX) sponsored by the Department of Homeland Security (DHS) and the Federal Emergency Management Agency (FEMA). The TTX pulled together most federal, state, and local agencies to evaluate Emergency Response Plans and Evacuation Plans for an unscheduled event occurring within the National Capital Region. The OSC coordinated his involvement with EPA HQ's Office of Emergency Management.

EPA Region 3 to Provided Evaluation Assistance during a HazMat Exercise in Rockingham County, VA - The Virginia Department of Emergency Management (VDEM) asked OSC Don McLaughlin to evaluate a hazardous materials exercise in Harrisonburg, VA on Saturday, March 24, 2012. The VDEM exercise scenario involved a truck accident that released chlorine into the environment and surrounding neighborhood. Local HazMat teams implemented their hazardous materials plans using their equipment and testing their overall response capabilities. Local police, health, and fire departments also participated in the exercise. The exercise was an all day event and was a great opportunity for networking with local, state, and federal emergency response agencies.

Greenbrier County Exercise, Lewisburg, West Virginia – On April 20, 2012, EPA attended and coordinated a full-scale exercise conducted in Lewisburg, West Virginia. The exercise scenario involved a plane crash at the Greenbrier Valley Airport, testing responders' ability to handle a mass casualty and hazardous materials event. Participants in the exercise represented several members of the Local Emergency Planning Commission, which includes: Greenbrier Valley Airport staff, Frankford, Lewisburg and Fairlea Fire Departments, Greenbrier County Emergency Management Agency, U.S. Transportation Security Agency, and West Virginia State Police. Discussion at the after action report conference, participants noted that some coordination improvements between the airport and emergency responders are needed to better handle such an event. Overall, the Greenbrier County appreciated EPA's coordination of the exercise.

Crooked Road Full-Scale Exercise (Floyd, VA) - On June 1-2, 2012, OSCs attended and coordinated a full-scale, active-shooter exercise. The exercise was focused on responding to a school shooting that involved a school lab being used for malicious reasons. The two day exercise included many participants, such as 5 SWAT teams, New River Valley Regional HazMat Team, local fire and EMS teams, local police departments, Virginia Tech Police Department, City of Floyd officials, Floyd County School District, Virginia Department of Emergency Management, and the American Red Cross. Over 190 people participated in the exercise. Both print and TV media were on hand to report on the exercise. The school superintendent was pleased with the exercise, and will be implementing new changes in school security based on feedback from the exercise.

NLE 2012 Exercise – The Regional Response Center was engaged this week, June 5-7, 2012, in coordinating regional response activities associated with the scenario that unfolded during National Level Exercise (NLE) 2012. NLE 2012 is a Department of Homeland Security labeled Tier 1 exercise. Tier 1 are the largest types of exercises implemented in civilian sector of

government and one that requires the participation of all federal agencies, with play typically at the highest levels within those agencies. Seven of the ten EPA regions actively played in the exercise along with multiple AA-ships in HQ. NLE 2012's principal scenario was a cyber attack on a number of computer systems across government. Concurrently, the scenario had environmental emergencies occurred in a number of regions with the major incident in Region 3 being impacts on the drinking water facilities providing water to the District of Columbia and several major cities in Virginia. The Water Protection Division took the lead role in working with DC officials to implement appropriate response activities while the Office of Policy and Management handled the computer security matters to systems in Region 3 impacted by the malicious code. OPM also led efforts to evaluate the need to implement a deployment to the Region 3 COOP facility. The hotwash for the exercise was on Thursday, June 7, 2012.

Tabletop Exercise (Mineral County, WV) - EPA conducted a Tabletop Exercise on Thursday June 7, 2012 in Mineral County, WV, which included Berkeley, Jefferson, Grant, Hardy, Mineral, Morgan, and Hampshire Counties. The exercise scenario was based upon an extreme flooding event in the Potomac River drainage area basin, failure of several dams adjoining the participating counties, and hazmat releases throughout the counties. The exercise was followed by a functional exercise in the summer, and a full-scale field exercise in each county in September. These exercises tested multiple capabilities, such as communications, on-site incident management, emergency management operations, weapons of mass destruction and hazardous materials response/decontamination, search and rescue, mass care, and critical infrastructure protection. The US Army Corps of Engineers also participated in the exercise.

Region 3 Response Support Corps Members Support the Philadelphia Federal Executive Board's Liberty Down 2012 Tabletop Exercise – On August 15, 2012, EPA assisted the Philadelphia Federal Executive Board (FEB) with their annual Liberty Down 2012 continuity tabletop exercise (TTX). The FEB successfully conducted the Liberty Down 2012 TTX with the participation of federal, state and local departments and agencies. EPA Region 3, U.S. Department of Labor, General Services Administration, and the Federal Emergency Management Agency jointly designed and facilitated the exercise. The exercise tested the ability of participants to activate their Continuity of Operations plan and continue performing their mission essential functions following an earthquake scenario. EPA Region 3 Response Support Corps members participated as exercise controllers and facilitators, and were tasked to prompt discussion through a number of injects and discussion points.

U.S. Coast Guard Exercise (Baltimore, MD) – OSC Ham participated in a U.S. Coast Guard PREP Tabletop Exercise on August 29, 2012, as a controller and evaluator. The scenario was a barge/fishing boat collision in Tangier Sound releasing 2,500 barrels of marine fuels. Overall the exercise went well with multiple parties working together under the ICS structure.

Exercise Capital Shield (Washington DC) – On September 4, 2012, OSC Fitzsimmons participated in a Chemical, Biological, Radiological, and Nuclear (CBRN) Tabletop Exercise at Fort McNair. This Joint Forces Head Quarters - National Capital Region (NCR) exercise was sponsored by the Provost Marshal-Protection Division. The scenario involved multiple locations within the NCR and primarily involved an incident resulting from the release of an unknown white powder at a major sporting event at Nationals Park. The exercise was considered to be at the action officer level. The exercise was attended by all response agencies within the NCR from local to federal and tested the capabilities of those organizations.

EPA Conducted a Seven-County Full-Scale Field Exercise in Multiple West Virginia Counties - On Saturday, September 8, 2012, EPA conducted a Full-Scale Field Exercise with seven Shenandoah Valley Counties, including Hampshire, Berkeley, Morgan, Hardy, Grant, Mineral, and Jefferson Counties. Fire, HazMat, Law Enforcement, Public Health, local businesses, Local Emergency Planning Committee (LEPC) Members and Emergency Management representatives from each County participated in this Exercise. This Full-Scale Field Exercise focused on Emergency Operations Center Management, Hazardous Materials Response, Swift-Water Rescue, Resource Coordination, Citizen Evacuation and Notification, and Public Information. Multiple "time interval" injects were distributed to each of the seven Counties throughout the day. These injects helped to focus the Exercise on a major flooding event and the catastrophic failure/release of the Jennings Randolph Dam, causing widespread flooding along the banks of the Potomac River and its tributaries. There were many highlights observed, along with weaknesses/areas needing improvement, and these observations will be presented to the Counties in an After Action Report.

Roanoke, VA Hazmat Exercise 2012 - EPA hosted a three day hazmat based exercise in Roanoke, VA on September 12-14, 2012. EPA partnered with the City of Roanoke Emergency Management and the Virginia Department of Environmental Management to develop a meth lab based response scenario. Players included: the Regional Hazmat Team, Virginia State Police Bomb Squad, City of Roanoke Police, Carilion Hospital, Virginia Department of Health Chief Medical Examiner, and the Red Cross. The exercise ran for three days and was loosely based on a meth lab scenario. Each day there was slightly different venues, props, injects, and scenario specifics that maintained the element of surprise and allowed each team to see something new. Examples of the venues included a full scale meth lab capable of producing 1 million dollars in meth per day, a TATP (explosive lab), and a small meth lab with a chemical suicide victim (a "dummy") that had been rigged to vomit on responders and other participating personnel. Media coverage was positive and several live shots from the scenario were filmed by the local media.

Coastal Area Committee Preparedness for Response Exercise Program (PREP) Drill (Newport News, VA) - EPA participated in a U.S. Coast Guard industry-led PREP Drill on September 19, 2012, in Newport News, VA. The Oil Pollution Act requires triennial drills to exercise the Area Committee's response to a major oil spill. This full scale exercise simulated a major oil spill on the James River. The exercise included over 200 participants from local, Commonwealth, and Federal agencies, and Colonial Pipeline Company who sponsored the exercise.

Sunoco Tabletop Exercise (Delmont, PA) - EPA Region 3 was invited to participate in a Tabletop Exercise at the Sunoco Delmont facility on Saturday, September 22, 2012. The exercise tested the facility response plan, the response time for the Oil Spill Response Organization, and provided an opportunity for the local emergency responders to become familiar with the facility. OSC Lindsey attended in support of Inland Sub Area Planning, Preparedness and Response.

Region 3 Participated in York County Exercise, York, Pennsylvania – On October 13, 2012, OSCs Wagner and Ham participated in a York County, Pennsylvania Functional Exercise as evaluators for safety response and industry response, respectively. The scenario involved the incorrect mixing of waste streams at the hazardous waste treatment facility, resulting in the emissions of a plume of hydrogen sulfide. The Harrisburg Area Community College facility

participated in the exercise, as the college's campus is adjacent to the facility. In general, the exercise went well with multiple parties working together under the Incident Command System.

Region 3 Facilitated a Full-Scale Functional Exercise in West Virginia – On October 16, 2012, Region 3 facilitated a full-scale functional exercise involving Gilmer County Office of Emergency Management, Glenville Volunteer Fire Department, West Virginia State Police, Gilmer County Sheriff Office, Gilmer County Emergency Management Services, Glenville State College, Gilmer County Commissioner, American Red Cross, West Virginia Department of Military Affairs and Public Safety, and West Virginia Division of Juvenile Services. The scenario involved an active shooting, hostages and a chemical lab fire. The exercise tested mutual aid agreements with neighboring counties, and examined the use of a Unified Command to manage the hazardous materials incident. A Unified Command provides for integrated organization, and a collective approach to manage the incident and communications between jurisdictions and agencies. The exercise was well received with over 60 participants. Both print and television media were on location to report on the exercise. EPA facilitated an exercise after action meeting, and will produce an after action report with an improvement plan for the Gilmer County.

Region 3 Contributed to a Functional Exercise in Richmond, Virginia – On October, 23, 2012, Region 3 was a participant in a full functional exercise held in Richmond, Virginia. The exercise challenged City of Richmond agencies involved in emergency situations to use the Incident Command System, and use planning and communication tools and software. The exercise scenario was a hurricane with injects that would prompt the need for EPA assistance. There were approximately 150 participants from the City of Richmond, including those from the Commonwealth of Virginia, and other federal agencies invited by the City.

Region 3 Participated in a Drinking Water Contamination Tabletop Exercise – District of Columbia – On October 26, 2012, District of Columbia (DC) Water and Sewer Authority conducted a Tabletop Exercise to test their Emergency Response Plan. OSC Fitzsimmons participated in the exercise that took place at the Blue Plains Waste Water Treatment Facility in Southeast DC. The exercise brought together local and federal response partners, including representatives from Region 3 Water Protection Division, DC Departments of the Environment, Health, and Fire and Emergency Medical Services as well as the Federal Bureau of Investigation and U.S. Department of Health and Human Services. The scenario involved the intentional contamination of the drinking water causing area-wide health impacts. The OSC highlighted removal response protocol.

b. Coast Guard Exercises:

Sector Baltimore:

State of the Union Address: The On Water Support to the 2012 State of the Union Address (SOTUA) was a combination of planned events, which included multi-agency participation in the 2012 Waterside Security Tabletop Exercise (TTX), and the 2012 State of the Union Address, a National Special Security Event (NSSE) in Washington DC. While these operations included numerous agencies and hundreds of participants, this after action report will focus on the activities directly related to the on-water security portions in which the U.S. Coast Guard and supporting maritime agencies were directly involved.

The U.S. Secret Service (USSS) was the primary federal agency responsible for the events surrounding the 2012 State of the Union Address, and will compile a complete after action report from multiple agencies. The Waterside Security Tabletop Exercise 2012 met the requirements of a Tabletop Exercise (TTX) under Homeland Security Exercise and Evaluation Program (HSEEP) Guidelines. The exercise took place at Stewart Theater on the Joint Bolling Air Base (JBAB) in Washington DC, on January 23, 2012. The exercise was planned and evaluated by Sector Baltimore Planning and Response Departments representatives. Approximately 105 participants from seven agencies/organizations participated in the exercise. The TTX focused on briefing participants on the Incident Command Structure, Concept of Operations, and identification of courses of action under the Unified Command (UC). In addition, the TTX ran thru scenarios regarding possible incidents such as search and rescue, CBRNE detection procedures, use of force policies regarding possible terrorist attacks, etc. The TTX proved to be a viable addition to the planning process and proved to be a best practice in introducing outside agencies and organization to specific response procedures and protocols.

On January 24, 2012, President Barack H. Obama traveled from the White House via motorcade and presided over his third State of the Union Address. The gathering of the majority of the executive, legislative, and judicial branches of government presented a significant target to enemies of the state and required a considerable security undertaking. The Department of Homeland Security (DHS) designated the 2012 State of the Union Address a National Security Special Event (NSSE), and placed the USSS as the lead Federal agency for the design and implementation of the operational security plan.

First Quarter 2012 Prep Notification Drill – On February 10, 2012, Sector Baltimore conducted a quarterly PREP notification drill. The objectives were to test the notification procedures and the contact list located in the ACP in the event of a real emergency, and to ensure adequate response time of the agencies notified.

Station First Aid Boom Trailer Exercises: In 2012, Sector Baltimore's five stations/Ant Teams conducted "first aid" training with their response equipment trailers. The training included: maintaining and handling the equipment, boom deployment, and Hazardous Waste Operations level (HAZWOPER) Training. This training and hands-on experiences satisfied the annual PREP Area Equipment Deployment requirements.

Second Quarter 2012 Prep Notification Drill – On February 10, 2012, Sector Baltimore conducted a quarterly PREP notification drill. The objectives were to test the notification procedures and the contact list located in the ACP in the event of a real emergency, and to ensure adequate response time of the agencies notified.

War of 1812 Tabletop (TTX) Exercise with Real World Event - Sector Baltimore hosted the War of 1812 Bicentennial Commemoration's Star Spangled Sailabration Waterside Venue Tabletop Exercise (TTX) in conjunction with and in preparation for the Star Spangled Sailabration Real-World Event (RWE) taking place in Sector Baltimore's AOR, June 13-19, 2012. The TTX took place in collaboration with the event sponsor (The Maryland War of 1812 Bicentennial Commission) and various State of Maryland and local jurisdictions that form the Unified Command. This after action report will identify issues and lessons learned gathered from this exercise.

The purpose of this exercise was to evaluate current response concepts, plans, and anticipated capabilities during the Baltimore War of 1812 Bicentennial Commemoration signature events within the Sector Baltimore Captain of the Port Zone. The exercise focused on identifying gaps in existing safety and security plans that needed to be addressed in the Unified Command's Event Incident Action Plan (under development) to support security related command and control coordination, critical decisions, notifications, and integration of Local, State, and Federal assets.

Severe Weather/COOP TTX 2012 - Engage the senior executives in consequence-based, decision-making activities in response to a large-scale catastrophic event (CAT 1 Hurricane) and examine the impact of their decisions at the regional and local levels. Focus was on addressing the issues of the cascading effects from an "event" and its influence on decisions and actions pertaining to: preparatory actions and preventative measures, evacuation, sheltering and support of an at-risk population; relationships between Sector Baltimore and industry preceding and post event, and response to and recovery from a severe weather event.

War of 1812 CIIS TTX (ICS 408) - The Sector Baltimore Committee Interaction & Integration Seminar "War of 1812 Bicentennial Commemoration" was a one day tabletop exercise focused on TSI Planning, Communications, On-Site Incident Management, Critical Infrastructure Protection, and Public Safety and Security Response (Prevention and Protection) that satisfied the exercise requirement under MTSA 2002, CFR 103.515 of the Sector's Area Maritime Security Plan (AMSP). Twenty-five participants from nearly 20 agencies/organizations participated in the exercise. The purpose of this exercise was to evaluate current response concepts, plans, and capabilities during the Baltimore War of 1812 Bicentennial Commemoration signature events within the Sector Baltimore Captain of the Port zone. The exercise focused on identifying gaps in existing safety and security plans that needed to be addressed in the Unified Command Event Incident Action Plan (under development) to support security related command and control coordination, critical decisions, notifications, and integration of local, state and federal assets.

Third Quarter 2012 Prep Notification Drill – On August 17, 2012, Sector Baltimore conducted a quarterly PREP notification drill. The objectives were to test the notification procedures and the contact list located in the ACP in the event of a real emergency, and to ensure adequate response time of the agencies notified.

ACP PREP Functional Exercise (FE) - This year's Baltimore Area Contingency Plan PREP Functional Exercise was hosted by USCG Sector Baltimore on August 29, 2012. The primary objective of this exercise was to galvanize efforts for a major marine incident effectively using the NIIMS's Incident Command System (ICS) structure. The secondary purpose was to exercise the Area Contingency Plan (ACP), ensuring that AC members and other key partners within the AOR use the ACP, as well as their supporting vessel or facility response plans to address a marine environmental incident.

ACP/GRP Boom Deployment Drill - On September 27, 2012, Sector Baltimore held a Geographic Response Plan (GRP) boom deployment at Fort Armistead in Baltimore Harbor. The intent of this exercise was to confirm Geographic Response Plan (GRP) strategy and determine specific boom deployment/anchoring methods. The planned GRP strategy ESI was found ineffective for the sensitive area being protected. Therefore, an alternate strategy was

employed that met the requirements and was more effective in protection based on local conditions. An update will be made to the ESI map in the ACP.

Fourth Quarter 2012 Prep Notification Drill – On November 9, 2012, Sector Baltimore conducted a quarterly PREP notification drill. The objectives were to test the notification procedures and the contact list located in the ACP in the event of a real emergency, and to ensure adequate response time of the agencies notified.

Sector Hampton Roads:

Joint Expeditionary Base Little Creek-Fort Story (JEBLCFS) Active Shooter/Small Boat Attack Exercise (FOUO) - On March 19, 2012, JEBLCFS completed their Active Shooter/Small Boat Attack exercise aimed at evaluating the Integrated Training Team's (ITT) ability to exercise and evaluate rapid assessment and response, and permit the Commander to establish escalating levels of FPCON to better respond and recover from such an incident. This was a quick reaction, scenario-driven exercise aimed at training and evaluating the ITT, which includes the Anti-Terrorism, Emergency Management, Operations, Command & Staff, Environmental and Safety Teams. The exercise also evaluated installation-wide knowledge, understanding and implementation of instructions and operating procedures. Coast Guard Station Little Creek small boats participated in exercise play and assisted by communicating with Sector and making marine broadcasts.

Hurricane Seminar and Tabletop Exercise (TTX) 2012 – On March 28, 2012, Sector Hampton Roads held a Hurricane Seminar and Tabletop Exercise (TTX). The purpose of the exercise was to review, validate, and familiarize personnel with the new Severe Weather Plan, Appendix 21 of the Sector Hampton Roads OPLAN 9753-08, as well as discuss various scenarios that may present additional logistical challenges to severe weather operations. Significant changes were made to the Severe Weather Plan as a result of the Lessons Learned from Hurricane Irene.

The objectives included:

- (1) Discuss changes to the roles and responsibilities of the IMT positions, including new organizational structure and HURCON/PORTCON Checklist tasks;
- (2) Understand the decision making process of how, when, and where the ICP will be established and the size/scope of the IMT organization based on the type and size of the severe weather event;
- (3) Consider the logistical challenges which may be presented during a severe weather incident including ICP size/location, power outages, transportation, Navy sortie/escorts, communications, lodging, food, evacuations, etc. and discuss potential solutions or alternatives for these obstacles;
- (4) Discuss the Incident Command System process and tools, as well as their applicability to a severe weather event; and
- (5) Review and discuss TABs A-K of the Severe Weather OPLAN for content, comprehension, and ease of use.

Participants found this exercise format extremely beneficial as it led them through the plan and provided the familiarity that they would otherwise not get on their own. They found the changes made to the plan as a result of the Hurricane Irene Lessons Learned to be very helpful and

beneficial for future severe weather events. Participants also identified a number of additional items and topics to be added to the plan to further improve it and document procedures or local knowledge that is sometimes lost when members transfer.

Virginia & Coastal Maryland ACP – Industry-Led PREP Full-Scale Exercise (FSE) CY 2012 - The exercise scenario began September 19, 2012, when a 14 inch pipeline under the James River was struck and ruptured by a dredge cutterhead operating in the western channel near Hog Island State Wildlife Management Area. As a result of the rupture, 2,200 barrels of diesel fuel were discharged into the river. The command post exercise involved over 170 response personnel from 29 agencies. Fourteen agencies participated in the On-Water Operations and successfully deployed two Geographic Response Plan (GRP) booming strategies. The exercise ended with the development and approval of an Incident Action Plan for the next operational period.

The exercise was designed to evaluate the capabilities and effectiveness of the response actions of Colonial Pipeline, Coast Guard, and the Commonwealth of Virginia to carry out their collective responsibilities, as outlined within the Oil Spill Annex of the Virginia and Coastal Maryland Area Contingency Plan, Colonial's Emergency Response Plan and the Commonwealth of Virginia Emergency Operations Plan. This exercise provided the response community with an opportunity to improve preparedness by validating information and procedures within the contingency plans, identifying weaknesses (for correction in subsequent versions of the plans), identifying strengths (to share as best practices), and practicing command and control within an incident command/unified command framework.

Hurricane Sandy Response (Real World Event) - Prior to Hurricane Sandy's arrival, Sector Hampton Roads began reviewing the hurricane and port condition checklists to ensure preparation for the storm, and coordinated with port partners and CGD5 through a series of teleconferences and meetings to ensure the Port of Hampton Roads made all necessary preparations. Hurricane Sandy was predicted to be a Category 1 hurricane and to reach the Hampton Roads AOR on October 29, 2012. Significant weather included a storm surge above the normal tide of 2-4ft. Waves of 15ft were experienced along the coast with 6-9ft waves in the bay. Average rainfall was 5-7 inches in the Hampton Roads area and 8-10 inches on the Eastern Shore.

PRE-HURRICANE ACTIVITIES: Preparations included: establishing an IMT and ICP onboard CG Base Portsmouth, pre-positioning of CG assets in safe havens (Richmond, VA), deployment of CG Liaison Officers to Virginia Emergency Operations Centers (EOCs), and conducting pre-hurricane assessments. The coastal waters of the Eastern Shore of Virginia and Maryland from Cape Charles Light VA to the MD / DE State line out to 12 nautical miles offshore were closed to all vessel traffic (Maritime Port Condition ZULU). Approaches to the Chesapeake Bay were also closed from 0800 on October 28, 2012 to 1600 on October 30, 2012. Partial port closure was executed because the conditions were too dangerous for embarking pilots, yet allowed commercial tug and barge operations to continue in more protected waters. All other waters within the COTP Hampton Roads Zone, including the ports of Hampton Roads and the Virginia waters of the Chesapeake Bay, remained open without restrictions. The US Navy sortied nine vessels to sea escorted by Coast Guard vessels.

The following objectives were used for the response:

(1) Safety of responders and Coast Guard Personnel, families and public;

- (2) Protection of government property and USCG assets;
- (3) Rapidly recover the Marine Transportation System (MTS)
- (3) Restore the marine environment.

POST-HURRICANE: After the passing of Hurricane Sandy, Sector Hampton Roads worked with state and local agencies to ensure the Port of Hampton Roads was expeditiously re-opened and safe for transit. As of 1600 on October 30, 2012, all navigable waters in the Hampton Roads area were open to maritime traffic without restrictions.

Response Trailer Equipment Deployment Exercises – Sector Hampton Roads maintains four pollution response equipment trailers located near Stations Ocean City, Chincoteague, Milford Haven, and Cape Charles. These trailers are designed to be used by Station personnel to deploy boom in remote areas. Sector staff visits each of the stations annually to conduct boom deployment exercises and inventory the trailers. This annual training provides confidence to the Sector Incident Management Division (MER) Staff that the trailers are stocked and maintained and that station personnel are capable of properly deploying boom while Sector Pollution Responders and/or OSROs are en route to a spill site.

2012 Quarterly Prep Notification Drills - Each quarter, a notification drill is conducted in the Sector Command Center to ensure that notifications are made in accordance with the ACP for a medium size spill scenario. The watch team did an excellent job of making the required notifications and utilized the appropriate QRC (#13), which contains the notifications required by the ACP.

Government-Initiated Unannounced Exercise (GIUE) at C&M Industries - Perdue Grain & Oilseed LLC in Chesapeake, Virginia successfully completed a Government-Initiated Unannounced Exercise (GIUE) on May 29, 2012. The facility's emergency response personnel were well trained and ready to respond. They demonstrated extensive knowledge of their Facility Response Plan by quickly taking initial actions and making notifications in accordance with the Plan. In addition, several lessons learned were identified to improve future preparedness.

Sector Delaware Bay:

Sector Coast Guard Owned Pollution Trailer Drills - In 2012, Sector Delaware Bay's six Stations conducted "first aid" training with their response equipment trailers. The training included: maintaining and handling the equipment, boom deployment, and HAZWOPER responder awareness training. This training and hands-on experiences satisfied the annual PREP Area Equipment Deployment requirements.

2012 Quarterly Prep Notification Drills – In 2012, Sector Delaware Bay conducted quarterly PREP notification drills. The objectives were to test the notification procedures as per the Sector Delaware Bay ACP and the Sector's Quick Response Cards. The objectives of the drills were to ensure the Sector's ability to establish communications with state agencies responsible for oil spill/hazardous materials response and to validate that the state agencies would be able to support a Unified Command (UC). The drills were conducted on February 8, April 24, and September 21.

2012 Fourth Quarter Prep Notification – Real World Event – In 2012, Sector utilized a “real world” train derailment with hazmat release into Mantua Creek in New Jersey, on November 30, as the fourth quarter Notification Drill. A Unified Command (UC) was stood up in response to this incident. This incident is known as the East Jefferson Street Bridge Train Derailment. The UC (CG, NJDEP, Paulsboro Fire Department, and Conrail) was stood up from November 30 to December 17. Seven rail cars left the tracks and four cars went into the water. Four of seven cars contained the chemical compound, vinyl chloride. One car ruptured releasing its contents. The incident posed many complex operational and logistical issues, as well as hazards for responders and ultimately resulted in the evacuation of households, closure of businesses, and the cancellation of school for a continuous six school days. The UC set objectives and priorities to ensure a safe and efficient response.

Sector Delaware Bay Full-Scale Government-Led PREP/AMSTEP Exercise – On April 24-26, 2012, Sector Delaware Bay hosted an Area Maritime Security Exercise Program (AMSTEP) and Preparedness for Response Exercise Program (PREP) Full-Scale Exercise. The exercise was a Full-Scale and multi-agency exercise. However, the Full-Scale portion of the exercise was preceded by simulated intelligence injects which started on April 3, 2012, and allowed for the assessment of intelligence information sharing and notification. Overall, the AMSTEP/PREP exercise was designed to evaluate the capabilities and effectiveness outlined in the Sector Delaware Bay's Area Maritime Security Plan (AMSP) and the Coast Guard Captain of the Port (COTP)/Federal On-Scene Coordinators (FOSC), the Delaware Bay Area Committee, Pennsylvania, New Jersey, Delaware, Local, and Industry partners to carry out their collective responsibilities, as outlined within the Sector Delaware Bay Area Contingency Plan (ACP), the Paulsboro Refinery Facility Response Plan, the Teekay Shipping Vessel Response Plan, and various other state and local response plans.

Government Initiated Unannounced Exercise (GIUE) at Magellan Terminal -

On March 19, 2012, Magellan Terminal in Wilmington, Delaware successfully completed a (GIUE). Response actions were initiated for an Average Most Probable Discharge. The facility response personnel used the Facility Response Plan and the facility successfully passed the exercise.

Government Initiated Unannounced Exercise (GIUE) at Hess Pennsauken -

On June 14, 2012, Hess Pennsauken Facility in Pennsauken New Jersey successfully completed a (GIUE). Response actions were initiated for an Average Most Probable Discharge. The facility response personnel used the Facility Response Plan and the facility successfully passed the exercise.

2012 Area Contingency Plan Review of Pennsylvania's Booming Sites/Environmentally Sensitive Areas – On September 17, 2012, representatives from the Area Committee (PADEP and the local oil spill cooperative), conducted field surveys of the Schuylkill River and the Pennsylvania side of the Delaware River (just south of Schuylkill River). The objectives of the surveys were to: 1) validate type and amount of boom need for each environmentally sensitive area, 2) enter GPS coordinates for boom attachment points, 3) document changes to the sites as compared to the booming strategy plans contained in the ACP, 4) validate adequacy of staging areas and driving directions for each booming site, 5) identify additional environmentally or historically sensitive areas that need booming strategies developed.

Plains All American Pipeline, ACP, Tabletop Exercise (TTX) 2012 – On October 18, 2012, Sector Response and Planning Department personnel participated in an industry-led TTX. The TTX was used to evaluate various sections of the Plains All American Pipeline Facility Response Plan. Various Area Committee port partners responded to a spill at the facility, participated in the TTX, and reviewed/utilized applicable sections of the Area Contingency Plan.

Hurricane Sandy Response (Real Word Event) – On October 30, 2012, Hurricane Sandy slammed into the Sector Delaware Bay AOR as a “post tropical super-storm.” Sector Delaware Bay conducted preparations in accordance with the Sector’s Port Hurricane Contingency Plan and the Sector’s Severe Weather Instruction. After the storm, Sector Delaware Bay worked with federal, state and local agencies to assess the storm’s impact on the port and ensure the maritime transportation system returned to safe operations. The Sector coordinated the response to reports of: sunken vessels, vessel groundings, and pollution events. Additionally, working with USFWS, the Sector addressed numerous reports of vessel groundings in a National Wildlife Refuge along the New Jersey coast.

Sector Buffalo:

First Quarter 2012 Prep Notification Drill – On March 26, 2012, Sector Buffalo conducted the first quarter PREP notification drill. The objectives were to test the notification procedures and the contact list located in the Area Contingency Plan (ACP) in the event of a real emergency, and to ensure adequate response time of the agencies notified.

Second Quarter 2012 Prep Notification Drill – On June 22, 2012, Sector Buffalo conducted the second quarter PREP notification drill. The objectives were to test the notification procedures and the contact list located in the ACP in the event of a real emergency, and to ensure adequate response time of the agencies notified.

Third Quarter 2012 Prep Notification Drill - On September 25, 2012, Sector Buffalo conducted the third quarter PREP notification drill. The objectives were to test the notification procedures and the contact list located in the ACP in the event of a real emergency, and to ensure adequate response time of the agencies notified.

Fourth Quarter 2012 Prep Notification Drill - On November 29, 2012, Sector Buffalo conducted the fourth quarter PREP notification drill. The objectives were to test the notification procedures and the contact list located in the ACP in the event of a real emergency, and to ensure adequate response time of the agencies notified.

MSU Pittsburgh:

MSU Pittsburgh ACP Tabletop Exercise (TTX), 3 Rivers Flooding and Pollution 2012 - On November 2, 2012, members of MSU Pittsburgh along with the EPA held an exercise at MSU Pittsburgh to refresh notification, emergency, and operational procedures to be better prepared for a natural or environmental disaster and to test the Area Contingency Plan (ACP). Scenario – the rivers within the COTP Zone had exceeded flood stage. The objectives were to test communications, COTP procedures, and interagency abilities to work together.

All contact information was reviewed and updated. Liaison with PA Region 13 was reestablished and industry partners were briefed on COTP plans and procedures. Charts and maps were updated; inventories were reviewed, updated, and replenished; and various lessons learned were reviewed and discussed.

First Quarter 2012 Prep Notification Drill – On March 20, 2012, MSU Pittsburgh personnel conducted the first quarter PREP Notification Drill. The objectives were to test the notification procedures and the contact list located in the ACP in the event of a real emergency, and to ensure adequate response time of the agencies notified and confirmation was made between the On-Scene Coordinator and key elements of the Unified Command.

Second Quarter 2012 Prep Notification Drill - On June 5, 2012, MSU Pittsburgh CDO and Sector Ohio Valley Command Center personnel conducted the second quarter PREP Notification Drill. The objectives were to test the notification procedures and the contact list located in the ACP in the event of a real emergency, and to ensure adequate response time of the agencies notified and confirmation was made between the On-Scene Coordinator and key elements of the Unified Command.

Third Quarter 2012 Prep Notification Drill – On July 13, 2012, MSU Pittsburgh CDO and Sector Ohio Valley Command Center personnel conducted the third quarter PREP Notification Drill. The objectives were to test the notification procedures and the contact list located in the ACP in the event of a real emergency, and to ensure adequate response time of the agencies notified and confirmation was made between the On-Scene Coordinator and key elements of the Unified Command.

Fourth Quarter 2012 Prep Notification Drill – On October 11, 2012, MSU Pittsburgh CDO and Sector Ohio Valley Command Center personnel conducted the fourth quarter PREP Notification Drill. The objectives were to test the notification procedures and the contact list located in the ACP in the event of a real emergency, and to ensure adequate response time of the agencies notified and confirmation was made between the On-Scene Coordinator and key elements of the Unified Command.

MSU Huntington:

National Weather Service (NWS) Tabletop Exercise (TTX) - On December 6, 2012, the National Weather Service located in Charleston, WV conducted a TTX simulating a severe winter weather event for the region that included icing and heavy snow. The exercise evaluated how local and state responders utilized weather products released by the NWS while planning for a high-impact weather event.

Marathon Petroleum Salvage/Fire Exercise – On August 26, 2012, Marathon Petroleum conducted an annual exercise designed to bring together federal, state and local agencies to respond to a vessel fire and collision. The objectives of the exercise were: 1) develop an ICS organization chart, 2) establish a unified command, 3) and develop a salvage plan. The exercise was successful in testing the facilities response plan and salvage procedures.

GO Mart and Marine Safety Unit (MSU) Huntington, WV hosted a Large Scale Preparedness for Response Exercise Program (PREP) - On April 19, 2012, simulated the release of 500 gallons a minute of fuel from the GO Mart barge dock at their St. Albans, WV facility. Go Mart's gasoline and diesel fuel distribution system includes this St. Albans fuel storage terminal at mile 45.2 on the Kanawha River. This terminal serves as a fuel transfer facility used to deliver daily supplies of fuel to their numerous gas stations. The exercise brought together area industry and agency response organizations to control, isolate, and mitigate the effects of this worst-case pollution scenario through implementation of local, regional and national oil spill response plans. In conjunction with the exercise, GO Mart activated their contracted Oil Spill Response Organization (OSRO), Clean Harbors, who deployed clean-up crews along the Kanawha River.

Bluestone Dam - Marine Safety Unit (MSU) Huntington continues to liaison with members of the U.S. Army Corps of Engineers (ACOE), the West Virginia Division of Homeland Security and Emergency Management (WVDHSEM), and local Emergency Management Agencies for Summers, Raleigh, Fayette, Kanawha, Putnam and Mason Counties on a series of exercises related to the Bluestone Dam near Hinton, WV. The purpose of these exercises are to provide participants with an opportunity to evaluate current response concepts, plans, and capabilities for a response to a flood in the New and Kanawha River Valleys related to a potential Bluestone Dam catastrophic failure. WVDHSEM hosted a Tabletop Exercise (TTX) in March, 2012, in preparation for a Functional Exercise (FE) that was planned for June 2012. The FE was cancelled due to the state emergency management response to the June 2012 Mid-Atlantic derecho that brought wide-spread damage to WV. Exercise planners intend to host a Bluestone Dam Full-Scale Exercise (FSE) in April 2013.

Sector North Carolina:

First Quarter 2012 Prep Notification Drill – On February 15, 2012, Sector North Carolina conducted the first quarter PREP notification drill. The objectives were to test the notification procedures and the contact list located in the Area Contingency Plan (ACP) in the event of a real emergency, and to ensure adequate response time of the agencies notified.

Second Quarter 2012 Prep Notification Drill – On May 16, 2012, Sector North Carolina conducted the second quarter PREP notification drill. The objectives were to test the notification procedures and the contact list located in the ACP in the event of a real emergency, and to ensure adequate response time of the agencies notified.

Third Quarter 2012 Prep Notification Drill - On August 24, 2012, Sector North Carolina conducted the third quarter PREP notification drill. The objectives were to test the notification procedures and the contact list located in the ACP in the event of a real emergency, and to ensure adequate response time of the agencies notified.

Fourth Quarter 2012 Prep Notification Drill - On November 28, 2012, Sector North Carolina conducted the fourth quarter PREP notification drill. The objectives were to test the notification procedures and the contact list located in the ACP in the event of a real emergency, and to ensure adequate response time of the agencies notified.

Brunswick Nuclear Plant (BNP) “Decision Makers” Tabletop Exercise (TTX) – On July 17, 2012, Sector North Carolina participated in a Tabletop Exercise conducted by the Brunswick Nuclear Plant (BNP). The exercise involved an earthquake scenario that affected the Brunswick Nuclear Plant (BNP) in Southport, NC. Facility exercised the Emergency Action Level (EAL) (threshold for activating an emergency response) response measures and decision matrix review including: Facility Response Plan activation, Direction and Control of Response, siren activation/public notification, and evacuation emergency response procedures for nuclear plume release. The USCG simulated shutting down access to the Inter-Coastal Waterway until plume dissipation and nuclear release actions were taken. The lessons learned have been incorporated into Sector plans and Command Center Quick Response Cards.

Area Committee PREP Workshop on Geographic Response Plans – On November 9, 2012, Sector North Carolina conducted a PREP Workshop for the Area Contingency Plan in conjunction with the quarterly Area Committee (AC) Meeting. The workshop introduced and educated the AC on Geographic Response Plans (GRP) in preparation for the development of a GRP to support the Coastal NC Area Contingency Plan. The AC was asked for their feedback and participation in the project once it commenced.

Clean Land and Harbors PREP Tabletop (TTX) Drill – On November 14, 2012, Sector North Carolina Response/IMT participated in TTX in Wilmington, NC involving multiple facilities that exercised their Facility Response Plans (FRP) to respond to a worst case discharge oil spill into the Cape Fear River. The TTX also had the participation of local FDs, NWS, the NC State Department of Emergency Management and several Oil Spill Recovery Organizations. Eight hours of HAZWOPER training was included as part of this drill.

2012 Annual Pollution Trailer Exercise - In 2012, Sector North Carolina's Stations conducted deployment operations of the Coast Guard "first aid" response equipment trailers. A comprehensive training for response personnel included equipment maintenance. These drills satisfied the annual PREP Area Equipment Deployment requirements.

4. STATUS OF THE REGIONAL CONTINGENCY PLAN (RCP).

The Regional Contingency Plan (RCP) has been reviewed and modified to align with the National Response Framework (NRF). The RRT III website and the RCP Homepage are linked with the NRT website managed by SRA International, Inc., contractor for the NRT. The web addresses are <http://www.rtt3.nrt.org> and <http://www.rtt3-rcp.nrt.org>. We have updated the RCP “Yellow Pages” to link the RRT III Telephone Directory Annex II. Maintenance of the RCP will continue by a smaller team consisting of the EPA and Coast Guard RRT III Coordinators, and the webmaster.

5. TECHNICAL ASSISTANCE PROVIDED OR PLANS REVIEWED.

a. Region 3 Inland Area Committee (R3IAC): The Region 3 Inland Area Committee (R3IAC) met on January 10, 2012, in Williamsburg, Virginia, on May 15, 2012, in Ocean City, Maryland, and on September 11, 2012, in State College, Pennsylvania. The RRT III Relationship with SERC/AC Workgroup did not meet during 2012.

Mr. Rich Fetzer, EPA, Region III is the Committee and Workgroup Chair, and his work number is (215) 341-6307.

Rich Fetzer replaced Steve Jarvela in the progression of the lead-EPA OSC position. Rich Fetzer wants to have the sub-area OSCs submit any recommended changes or ideas relative to their sub-area or inland area planning efforts.

Inland Area Committee Meeting on January 10, 2012 – The following presentations were given:

- **Update on Area Planning Activities (Local Emergency Planning Committees (LEPCs) in West Virginia** – Bob Kelly, EPA OSC - Mr. Kelly provided the membership with an overview of the background and history of the LEPCs and his interaction and coordination efforts as the sub-area OSC for the 53 counties in both West Virginia and Southwestern Virginia. The LEPCs are one of the most productive resources out there for OSCs and he encouraged the OSCs in each sub-area to make contact and interact with these groups regularly. As part of his efforts coordinating with the LEPCs, he has:
 - developed terrorist drills and exercises for the LEPCs;
 - developed a quarterly newsletter to allow sharing of information for all 53 counties;
 - worked with them to shift their focus to an all-hazards focus; and
 - Changing training and exercise schedule to require 4 exercises per year.

For a complete list of contact information for the LEPCs in the US, go to <http://yosemite.epa.gov/oswer/lepdb.nsf/HomePage>.

- **Southwest Pennsylvania/Wheeling Sub-Area Geographical Response Plan (GRP)** – Bill Huggins (START) - Mr. Huggins provided a summary of the status of the online Geographical Response Plan (GRP) annex for the Southwest PA/Wheeling, WV sub-area plan (Volume VII of the IACP). This GRP is being designed to be single database location to access all geo-referenced/geographic information/links of information related to response needs (sources, sensitive targets, facilities, etc.) for the sub-area and to incorporate the data appropriate into the IACP sub-area planning requirements. A stand alone GIS-data file map (PDF file) would also be available so that responders would have something to refer to if bandwidth becomes congested during emergency response efforts. The process is available to all Sub-areas.

Inland Area Committee Meeting on May 15, 2012 – The following presentation was given:

- **Electronic IACP Presentation** – Fran Curtis (Weston Solutions, Inc.) for Stephanie Wenning and Rich Fetzer, EPA OSC - Ms. Curtis provided the membership with an online demonstration of the National effort for the EPA Sub-Area Planning viewer as it is being developed. The EPA IACP Viewer is in the early stages of development and once activated will require login and password for access. She demonstrated the power of the EPA IACP viewing tool and other demonstration projects. Additional data layers can be added relatively easily by linking to the original dataset. The data layers are evaluated annually.

For additional information or if you have any other questions on the EPA IACP Viewer, please contact Fran Curtis (Fran.Curtis@WestonSolutions.com; 610-701-3481) or Rich Fetzer (Fetzer.Richard@epa.gov; 215-341-6307).

- **EPA OSC Sub-Area Reports were given by:**

Greg Ham – South Central PA and back-up for Upper Chesapeake
Ann DiDonato – North Central PA
Rich Fetzer – Northeast PA
Debbie Lindsey – Southwest PA / Wheeling, WV
Bob Kelly – Southwest VA / WV & Huntington / Central WV

Inland Area Committee Meeting on September 11, 2012 - Mr. Fetzer told the participants that the update of the Inland Area Contingency Plan (IACP) is underway and nearly complete. He was hoping to present the plan at this meeting; unfortunately the updates are not complete. The members of this committee will be receiving a final draft of Volume I for the IACP for review and comment in the very near future.

The following presentations were given:

- **EPA IACP GIS Presentation** (Stephanie Wenning, EPA and Fran Curtis, Weston Solutions, Inc.) - Ms. Wenning provided the membership with an online demonstration of the EPA's effort for the Sub-Area Planning viewer (accessible from https://gis2.westonproject.net/EPA_IACP_Viewer/ Username: **iaccp_user**; Password: **epaR3u\$er**).

The EPA IACP Viewer is in the early stages of development and once activated will require login and password for access. Ms. Wenning demonstrated the power of the EPA IACP viewing tool and other demonstration projects. Additional data layers can be added relatively easily by linking to the original dataset. The data layers are evaluated annually.

For additional information or if you have any other questions on the EPA IACP Viewer, please contact Stephanie Wenning (wenning.stephanie@epa.gov), Fran Curtis (Fran.Curtis@WestonSolutions.com; 610-701-3481) or Rich Fetzer (Fetzer.Richard@epa.gov; 215-341-6307).

- **Safe-Well: One Tabletop Exercise Presentation** (John Erich, Environmental Emergency Response Manager, North Central Regional Office, (PADEP) - Mr. Erich summarized the Safe-Well: One TTX that was held on May 22, 2012. The Marcellus Shale natural gas deposit combined with the technology to tap it has caused resurgence of natural resource extraction not seen in decades and not of this type since the 1800s when crude oil was targeted. The gas and oil well industry has really grown in Bradford and Tioga Counties of Pennsylvania. With the extraction of natural resources comes the risk of environmental damage. The most effective way to prevent and respond to these emergencies is through planning and the development of partnerships.

For additional information or if you have any other questions on the Safe-Well: One TTX, please contact John Erich (jerich@pa.gov; 570 327-3722).

- **Southwest Sub-Area Plan Demonstration** (Bill Huggins and Dan Michor, TechLaw, Inc.) - Mr. Michor provided a demonstration of the Southwest Pennsylvania (SWPA) Sub-Area Geographic Response Plan (GRP) that was developed initially for Marjorie Easton (EPA OSC) and now is being directed by Debbie Lindsay (EPA OSC). This system is a geoPDF referenced, static data set, that allows the user to utilize the data at the digital quad or quarter quad level. The data layers utilized in this document were provided by the state agencies. It is currently the test document for the SWPA Sub-Area. Data was shared between Regions III and V along the Ohio River. The data is also available for the river corridors – different quad maps than are used for the main USGS topographic maps that are the base for the GRP.

For additional information or if you have any other questions on the Southwest Sub-Area Plan Demonstration, please contact Bill Huggins (bhuggins@TechLawInc.com; 304-830-1440) or Dan Michor (dmichor@TechLawInc.com; 303-557-5031).

b. Coastal Area Committees:

Sector Hampton Roads Area Committee Accomplishments:

On February 16, 2012, oil responders, academics and scientists met with stakeholders from the Eastern Shore of Virginia at Wallops Island, VA to discuss options for responding to offshore oil spills, particularly the use of chemical dispersants. The one-day workshop was promoted as a Virginia and Coastal Maryland Area Committee event with funding from the Joint Industry Task Force and coordination by SEA Consulting. The workshop was a great success and the same format is being considered for other venues across the country.

Sector Delaware Bay Area Committee Accomplishments:

Two “ad-hoc” workgroups were formed. The first began Endangered Species Act Section 7 consultations and the second redesigned the Sensitive Area Summary forms. The products of the workgroups will be put in the ACP.

Completed a verification of 24/7 emergency contact information for all of the Delaware River water intakes.

A boom vane was accepted for use in fast current locations, particularly Indian River Inlet, DE.

6. TRAINING.

a. EPA Training:

Central Virginia, “Survivor Day”, January 14, 2012 - Emergency management agencies across Central Virginia sponsored “Survivor Day” on January 14, which included a four hour training session for the public to learn how their families can prepare for disaster. Anyone

living in Central Virginia, who wished to attend, was welcomed and those who completed the session received a "Survivor Backpack," which included emergency provisions. EPA participated in the Survivor Day activities and OSC Chris Wagner assisted at the Hopewell, Virginia location. For more information, refer to www.survivorday.com.

Outreach Presentation in Berks County, PA - OSC Ham assisted the Berks County LEPC in providing a presentation on school chemical cleanout. The presentation was provided to the County Intermediate Unit School District facility managers on January 25, 2012. Approximately 15 managers attended. OSC Ham discussed EPA's role in potential school cleanups and the potential liability to the school.

Maryland Emergency Management Agency's "Incident Command Issues and Lessons Learned from the 9/11 Pentagon Attack" Symposium – On February 7, 2012, OSC Fitzsimmons participated in this 4-hour symposium sponsored by the Maryland Emergency Management Agency (MEMA) and the NCR Council of Governments in Landover, MD. The symposium was well attended by many local, state and federal Incident Commanders and support personnel within the NCR. Symposium was a case study of the event and was led by the FBI and Arlington EMA.

Incident Command System (ICS) 300/400 Training Given to Regional Employees – The Office of Preparedness and Response (OPR) arranged for EPA Region 3 and U.S. Coast Guard employees to take the ICS 300/400 training class during the week of February 13-16, 2012, in the Regional Response Center (RRC). The class was full with attendees participating in tabletop exercises and open discussions.

EPA Region 3 Assisted with Bomb Training in Tidewater VA - The week of February 28, the Virginia State Police (VSP) Bomb Squad Unit provided training to four Hazardous Materials Response Teams in the Tidewater Area. The class, arranged by the VA Dept. of Emergency Management (VDEM), included assessment, response, evidence collection, and decontamination. Region 3 OSC Chris Wagner assisted with instruction on decontamination of the bomb robot and bomb protection gear. This is one of several types of training events coordinated through VDEM, VSP, and EPA.

EPA Provided Training to Somerset County Responders, PA – On March 22-23, 2012, EPA provided 16 hours of training to members of the Somerset County, PA Hazardous Materials Team (HMT). The HMT, comprised entirely of volunteers, had acquired specialized equipment for monitoring during terrorist events. Although the HMT had received training from vendors, they requested EPA to help them understand the field application, and the advantages and disadvantages of using such specialized equipment. EPA conducted a series of exercises, which provided the team members practical experience with their new equipment.

EPA Provided Training to PADEP Emergency Responders, Harrisburg, PA – On March 26-30, 2012, OSC Chris Wagner and OSC Greg Ham provided a 32-hour Level 3 Hazardous Materials Training course to emergency responders with the Pennsylvania Department of Environmental Protection. This course involved many hands-on exercises to practice and use the equipment needed in a hazardous materials response. The course was also consistent with the training received by the local HazMat teams and meets federally-recognized standards.

EPA Provided Spills Training to the Virginia Department of Environmental Quality – On April 24–25, 2012, EPA presented a two-day course on “Responding to Spills on Inland Waterways.” EPA developed this course specifically for Virginia Department of Environmental Quality employees to enhance awareness of complications, which arise during inland spill responses, with emphasis on Virginia regulations and protocols. EPA provided this training at the Glen Allen office.

EPA Provided Training to Emergency Medical Services (Monesson, PA) – On April 28-29, 2012, EPA provided a 16-hour training course to Emergency Medical Services (EMS) providers in southwest PA. Training focused on assessment, triage, and decontamination of victims involved in a chemical or Weapons of Mass Destruction incident. The training included several practical exercises in which students learned how to decontaminate the walking wounded and unconscious contaminated patients, as well as a mass decontamination exercise.

Inland Oil Spills Training (Roanoke, VA) – On May 1-2, 2012, EPA provided two separate training sessions on inland spills training to Virginia DEQ employees. The two day classes were held in Roanoke, VA and Glen Allen, VA. The purpose of the training was to explore the challenges of an inland spill from notification to closeout. Topics included working with the USCG NPFC, which absorbents to use on different types of oils, sampling strategies, and using an Environmental Unit to determine completion.

Survivor Day (Hopewell, VA) – On May 5, 2012 - EPA participated in one of several "Survivor Days" held in the metro Richmond area. Funded by a UASI grant, the program was designed to encourage residents to "be prepared" for any type of emergency. Backpacks filled with starter supplies were given to those who attended the entire session. EPA assisted by explaining the role of the LEPC and answered questions regarding contaminated drinking water.

Response to Pool Chemicals Emergencies (Henrico County, PA) – On May 11 and 18, 2012, EPA presented a 4-hour training program to the Henrico County Virginia HazMat Team. This course reviewed the chemistry of different types of pool chemicals and how they react. This is an advanced course that explains not only the disastrous results which can occur from improper use of pool chemicals, but why they react the way they do and how the responders can protect themselves.

Marcellus Shale Exercise (Wellsboro, Tioga County, PA) – On May 21-22, 2012, EPA facilitated and participated in a tabletop exercise for the State and local responders with the scenario involving a spill from a Marcellus Shale operation. Pennsylvania Department of Environmental Protection (PADEP) selected the exercise scenario, which called for the hypothetical spill from the well pad to reach an adjacent stream. EPA provided two Community Involvement Coordinators and six On-Scene Coordinators for the exercise. The EPA staff assumed Incident Command System positions in the exercise to discuss communications, information sharing and response capabilities during an event with local responders, and also served as evaluators and facilitators. Staff from both the Williamsport and Central offices of PADEP, and PADEP Oil & Gas staff from various offices attended the exercise. The exercise hot wash identified areas requiring attention, including communications among the various entities. Overall, the exercise was well-received by participants, including the industry player (Talisman Energy), all of whom commented positively on EPA's and PADEP's involvement.

Emergency Support Function-10 Watchstander Training – On July 19, 2012, training was offered for Response Support Corps members who were interested in serving as ESF-10 watchstanders, a critical communication link during emergency response activities. During a disaster response, a watchstander typically serves at the Federal Emergency Management Agency's (FEMA) Regional Response Coordination Center in Philadelphia as the liaison between EPA field responders and EPA's emergency operations staff. Training was provided in EPA's primary emergency support function (ESF#10, hazardous materials) by the U.S. Coast Guard, the U.S. Army Corps of Engineers, Federal Emergency Management Agency and EPA.

Region 3 Offered Instruction at Virginia Hazardous Materials Training in Hampton, Virginia – During the week of October 15, 2012, EPA provided instruction at the Virginia Association of Hazardous Materials Response Specialists Training Workshop held in Hampton, Virginia. EPA developed several new courses for this workshop to aid responders in the understanding of hazardous waste regulations, use of technical equipment, and the chemistry of hazardous materials.

Region 3 Provided Training to Responders in Southeast Virginia – During the week of November 12, 2012, EPA provided training to members of Hazardous Materials (HazMat) Teams in the southeastern Virginia-Tidewater area on chemical field testing. The Region trained three separate shifts of responders who requested information in this specialized subject area. The HazMat Teams also support law enforcement with identification of unknown hazardous materials.

b. Coast Guard Training:

ESF 10 Watchstander Training – CGD5 and EPA Region 3 held ESF 10 Watchstander Training on July 18-19, 2012, at the EPA Region 3 Office. Training on EPA and Coast Guard primary roles and responsibilities in the Emergency Support Function (ESF) #10 - Oil and Hazardous Materials Response Annex under the National Response Framework (NRF) was provided by EPA Region III, Fifth Coast Guard, U.S. Army Corps of Engineers, and Federal Emergency Management Agency personnel (Region III). Our training on Wednesday had a Coast Guard emphasis for CG participants. This training included a discussion on the USCG roles and responsibilities at the FEMA Regional Response Coordination Center (RRCC), Joint Field Office (JFO), and the State Emergency Operations Center (EOC). ESF-10 watchstanders are a critical communication link during emergency response activities. During a disaster response, a CG watchstander typically serves as the liaison between FEMA, Fifth Coast Guard District and the impacted Sector.

2012 CG Senior Level Staff Disaster Response Training – CGD5 (dxc) held Disaster Response training on July 12, 2012, at CGD5 for senior-level staff, sector and air station commanders and deputies and other CG commands within the D5 AOR. Dave Ormes shared overview of NRF, the Stafford Act, Presidential Disaster Declaration, ESFs, Mission Assignments, etc., and Al Thuring, NPFC shared the funding process for ESF 10.

2012 Shoreline Cleanup and Assessment Team (SCAT) Training – Shoreline Cleanup and Assessment Team (SCAT) is a systematic approach that uses standard terminology to collect data on shoreline oiling conditions and support decision making for shoreline cleanup. CGD5 DRAT coordinated with our Region III NOAA counterparts and our CGD5 Sectors to schedule

three SCAT courses in 2012 – at Sector Baltimore on August 21-23, with 28 participants, at Sector North Carolina on September 11-13, with 15 participants, and at Sector Hampton Roads on October 22-24, with 26 participants trained.

c. RRT III Meeting Training:

One of the methods identified to help Regional Response Team III achieve its mission is to provide training, information, communication, and coordination mechanisms to the Federal On-Scene Coordinators, Unified Commands, and the Area Committees. We want to help our RRT members obtain training and experiences that would help them do their jobs better. We have provided some examples of the training that have been provided to our RRT members in 2012.

Delmarva Spill Tabletop Exercise, January 10, 2012 - Shawn Weimer and John Giese, VA DEQ, facilitators.

Mr. Weimer and Mr. Giese welcomed everyone to the exercise. This is a continuation of the Delmarva exercise that took place back in September 2010, and was coordinated by Ben Anderson (DE DNREC) and Alan Williams (MDE). During the 2010 exercise, the exercise participants identified some of the concerns and issues that are unique to the Delmarva Peninsula. This tabletop was developed to continue that effort and to further evaluate the use of dispersants in these areas.

The following list is a summary of the various categories of concern as well as specific topics of concern that were identified during this exercise.

Environmental Concerns

- Migratory birds/beach nesting birds
- Human health concerns from seafood consumption over the long term
- Impacts to sea mammals and migratory fish species
- Impacts to benthic off-shore communities
- Near-shore water quality
- Fisheries closures and reopening

Political Concerns

- Addressing cabinet level concerns within respective states and at the federal level
- Necessity of a strong public message to avoid negative publicity
- Educating political leaders on risk assessments
- Economic and environmental impacts and concerns will influence the politics
- Political barriers for dispersant approval – How we can lower these barriers?
- SONS declaration increases the political complexity of the response
- Prioritization of resources – Should we focus resources on this beach or that beach?
- Political leader's and public's understanding of dispersants

Possible Solutions to Political Concerns

- Conduct educational outreach during and prior to an incident to educate political leaders and local stakeholders (e.g. waterman, fishing industry)

- Need more stakeholder participation in area committees
- Utilize Deepwater Horizon spill to enhance risk communication in our area of responsibility

Economic Concerns

- Potential impacts to tourism – affected beaches
- Potential impacts to recreational and commercial fishing

Logistical Concerns

- Limited water access to get response resources to impacted inlets and marshes
- Location for staging supplies and people during extended response efforts
- Coordinating resources to perform vessel salvage
- It was noted that 10-15% of the spill could be managed via mechanical recovery which would begin within 2 hours of spill and it would take 2 -3 hours to place boom around an oil tanker in Delaware Bay.
- Once requested, Delaware has a sea-spray vessel that could begin spraying dispersants within 2-3 hours.
- Aerial dispersants could begin within 4 hours after receiving the request. Use of dispersants can break down 50% of the spill where dispersants are applied.
- Performing vessel decontamination
- Adequate Quality Assurance Project Plan for environmental sampling
- It was noted that developing sub-surface trajectories and weather support would be important components for the response

This presentation for this tabletop exercise is provided in its entirety on the RRT Region III website at: <http://www.rrt3.nrt.org>. For additional information or if you have any other questions on this topic, please contact John Giese (john.giese@deq.virginia.gov; 804-698-4287).

Panel Discussion – Eastern Shore Dispersant Workshop Results, May 15, 2012 - Debra Scholz, SEA Consulting Group, Facilitator

Panel Participants:

- Dennis Carney – EPA and RRT 3 Co-Chair
- Dave Ormes – USCG D5 (dxc) and RRT 3 Co-Chair
- LT Danielle Shupe – Sector Hampton Roads FOSC-R
- Bennett Anderson – Delaware DNREC
- Alan Williams – Maryland MDE
- Shawn Weimer – Virginia DEQ
- Ann Hayward Walker – SEA Consulting Group and Workshop Coordinator

Ms. Scholz provided a summary of the Eastern Shore's Dispersant Workshop for the membership. In summary, Sector Hampton Roads Commander, CAPT Mark Ogle, coordinated a dispersant workshop as a preparedness activity in response to requests from The Nature Conservancy (TNC) and other local partners to learn more about dispersants and their potential use as a spill response countermeasure for an oil spill offshore of the Delmarva Peninsula. TNC owns approximately 80% of the ocean shorelines of Virginia's Eastern Shore. The objective of

this workshop was to directly engage with the kind of local stakeholders who expressed great concern over dispersant use in the Gulf of Mexico during the Deep Water Horizon (DWH) response efforts. The overall goal was to establish trusted relationships with local stakeholders in this ecologically sensitive area and strengthen/deepen the relationships among oil spill technical specialists. The focus of the workshop was not to sway the stakeholder's opinions but to provide them with the science and procedures behind the dispersant use decision-making process to allow them to formulate their own informed opinions.

The panel participant speakers were asked to briefly share: their involvement and participation with the Eastern Shore Dispersant Workshop, topics they shared, the results or lessons learned from the workshop, and future involvement of the RRT with stakeholders in dealing with the pre-authorization process for dispersant use along the Eastern Shore. Ms. Walker provided an overview of the survey methods and methods for documenting decision-making and mental models for the workshop participants regarding the use of dispersants.

In general, the workshop participants were very positive of the workshop process and overall were appreciative of the experience. The panel participants recommended that this workshop format be repeated around the country for dispersants. This stakeholder engagement process could also be applied to other issues of concern for the Region (e.g., Marcellus Shale Fracking issues, ports of safe refuge, etc.).

The presentations used for this Panel Discussion are provided in its entirety on the RRT Region III website at: <http://www.rrt3.nrt.org>. For additional information or if you have any other questions on the services they provide, please contact Debra Scholz (dscholz@seaconsulting.com; 843-367-5126).

OSHA's Final Rule to Modify the Hazard Communication Standard, September 11, 2012 - Adam Hamrick, OSHA Region III

In order to ensure chemical safety in the workplace, information about the identities and hazards of the chemicals must be available and understandable to workers. OSHA's Hazard Communication Standard (HCS) requires the development and dissemination of such information:

- Chemical manufacturers and importers are required to evaluate the hazards of the chemicals they produce or import, and prepare labels and safety data sheets to convey the hazard information to their downstream customers;
- All employers with hazardous chemicals in their workplaces must have labels and safety data sheets for their exposed workers, and train them to handle the chemicals appropriately.

The OSHA HCS has been revised to better align the requirements with the United Nations' Globally Harmonized System (GHS) for the classification and labeling of chemicals. The Final Rule was filed on March 20th at the Office of the Federal Register and available for viewing at <http://www.osha.gov/dsg/hazcom/ghs-final-rule.html>. The Federal Register published the final rule on March 26, 2012. The effective date of the final rule is 60 days after the date of publication. Notable changes within the Final Rule include:

- **Hazard classification:** Provides specific criteria for classification of health and physical hazards, as well as classification of mixtures.
- **Labels:** Chemical manufacturers and importers will be required to provide a label that includes a harmonized signal word, pictogram, and hazard statement for each hazard class and category. Precautionary statements must also be provided.
- **Safety Data Sheets (SDSs):** Replace Material Safety Data Sheets (MSDSs) and will now have a specified 16-section format.
- **Information and training:** Employers are required to train workers by December 1, 2013, on the new labels elements and safety data sheets format to facilitate recognition and understanding.

In general, the HCS requires chemical manufacturers, distributors or importers to provide SDSs to communicate the hazards of chemical products. As of June 1, 2015, the HCS will require new SDSs to be in a uniform format, and include the section numbers, heading, and associated information for the following:

- **Section 1, Identification** includes product identifier; manufacturer or distributor name, address, phone number; emergency phone number; recommended use; restrictions on use.
- **Section 2, Hazard(s) Identification** includes all hazards regarding the chemical; required label elements.
- **Section 3, Composition/Information on Ingredients** includes information on chemical ingredients; trade secret claims.
- **Section 4, First-Aid Measures** includes important symptoms/effects, acute, delayed; required treatment.
- **Section 5, Fire-Fighting Measures** lists suitable extinguishing techniques, equipment; chemical hazards from fire.
- **Section 6, Accidental Release Measures** provides emergency procedures; protective equipment; proper methods of containment and cleanup.
- **Section 7, Handling and Storage** includes precautions for safe handling and storage, including incompatibilities.
- **Section 8, Exposure Controls/Personal Protection** lists OSHA's Permissible Exposure Limits (PELs); Threshold Limit Values (TLVs); appropriate engineering controls; Personal Protective Equipment (PPE).
- **Section 9, Physical and Chemical Properties** lists the chemical's characteristics.
- **Section 10, Stability and Reactivity** contains chemical stability and possibility of hazardous reactions.
- **Section 11, Toxicological Information** includes routes of exposure; related symptoms, acute and chronic effects; numerical measures of toxicity.
- **Section 12, Ecological Information** (*non-mandatory*)
- **Section 13, Disposal Considerations** (*non-mandatory*)
- **Section 14, Transport Information** (*non-mandatory*)
- **Section 15, Regulatory Information** (*non-mandatory*)
- **Section 16, Other Information**, includes the date of preparation or last revision.

OSHA has developed Quick Cards (in both English and Spanish) to promote the new HCS. Quick Cards available online (<http://www.osha.gov/dsg/hazcom/ghsquickcards.html>) include:

- Safety Data Sheets – new standardized communication reporting identifying the hazards associated with hazardous chemical products;
- Standard Labeling Requirements for hazardous chemicals; and
- Standard Pictograms for Labeling – to alert users of the chemical hazards to which they may be exposed.

7. **ORGANIZATIONAL CHANGES.**

All personnel changes will be incorporated in the next revision of Annex II of the RCP.

8. **WORKGROUP ACCOMPLISHMENTS.**

a. Information Management Workgroup: The Information Management Workgroup met on January 11, 2012, in Williamsburg, Virginia, on May 16, 2012, in Ocean City, Maryland, and on September 12, 2012, in State College, Pennsylvania. Mr. Richard Polley, FEMA, is the Workgroup Chair, and his work number is (215) 931-5557.

Information Management Workgroup Meeting on January 11, 2012 – The following presentations were given:

- **National Weather Service (NWS) Decision Support Services** – Scott Kennedy, Forecaster, NWS Newport, NC and Jonathan McGee, Forecaster, NWS Wakefield, VA - The two speakers provided a summary of the decision-support services that NWS and NOAA offer to a response. Decision-support services include event or incident-specific weather support that is provided by specially trained NWS meteorologists, either remotely or on-site, to assist key decision makers in the protection of life and property. To find the nearest NWS local support offices, go to www.weather.gov.

This presentation is provided in its entirety on the RRT Region III website at: <http://www.rtt3.nrt.org>. For additional information or if you have any other questions on the services they provide, please contact Scott Kennedy (scott.kennedy@noaa.gov; 252-223-2328) or Jonathan McGee (jonathan.mcgee@noaa.gov; 757-899-4200). The Wakefield, VA information can be obtained from <http://www.erh.noaa.gov/er/akq/>; the Newport, NC online information can be obtained from <http://www.erh.noaa.gov/er/mhx/>

- **CG Atlantic Strike Team 2011 Response Highlights** – CDR Richard Schultz, CG Atlantic Strike Team - CDR Schultz provided a review of the Atlantic Strike Team (one of three teams of the National Strike Force) that is based out of Fort Dix, New Jersey. They are designated as a response team under the National Response Framework (NRF) and provide support for oil and hazardous chemical responses, as well as provide national special events security. The Strike Teams bring standardized response equipment and highly trained and experienced personnel to an incident.

This presentation is provided in its entirety on the RRT Region III website at: <http://www.rtt3.nrt.org>. For more information on the strike team go to: <http://www.uscg.mil/hq/nsfweb>.

Information Management Workgroup Meeting on May 16, 2012 – The following presentation was given:

- **Disaster Emergency Communications** – Ron Zuber, FEMA - Mr. Zuber provided a summary of the FEMA Disaster Emergency Communications services available for establishing communications during a disaster response. He spoke of his activities with the FEMA Mobile Emergency Response Support (MERS) services and support. The goal of this program is to build an effective disaster emergency communications program to improve tactical communications and interoperability capabilities during disaster response by promoting interoperable communications at the federal, state, local, and tribal levels that can support and provide resilient communications capabilities for response efforts. The FEMA emergency communications services incorporate voice, video, and data capabilities.

This presentation is provided in its entirety on the RRT Region III website at: <http://www.rrt3.nrt.org>. For additional information or if you have any other questions on the services they provide, please contact Ron Zuber (Ronald.Zuber@fema.dhs.gov; 215-931-2892).

Information Management Workgroup Meeting on September 12, 2012 – The following presentation was given:

- **Geovisual Analytics Research at the GeoVISTA Center – Ongoing Research** (Anthony Robinson, Ph.D., Penn State University) - Dr. Robinson provided an overview of the Penn State's GeoVISTA, the J.A Dutton e-Education Institute, and GeoVISTA Center. GeoVISTA's specific mission is to coordinate integrated and innovative research in Geographic Information Science (GIScience), with an emphasis on geovisualization. Research efforts at GeoVISTA are developing methods and technologies that allow scientists and decision-makers to solve scientific, social, and environmental problems through "computer-supported, visually-enabled analysis of the growing wealth of geospatial data".

This presentation is provided in its entirety on the RRT Region III website at: <http://www.rrt3.nrt.org>. For additional information on the GeoVISTA program (www.geovista.psu.edu), please contact Dr. Anthony Robinson (acr181@psu.edu or arobinson@psu.edu; 814-865-5642).

b. Spill Response Countermeasures Workgroup: The Spill Response Countermeasures Workgroup met on January 11, 2012, in Williamsburg, Virginia, on May 16, 2012, in Ocean City, Maryland, and on September 12, 2012, in State College, Pennsylvania. Mr. Kevin Boyd, EPA is the Workgroup Chair, and his work number is (215) 814-3418.

Spill Response Countermeasures Workgroup Meeting on January 11, 2012 – The following presentations were given:

- **Towards a Common Goal** – Mr. Joe Bonn, USCG HQ - Mr. Bonn provided the membership with an overview of the coordinating actions required during a response under the Federal Water Pollution Control Act (FWPCA) and the Endangered Species

Act (ESA). There is a requirement for consultation with the Department of Interior (DOI) and the United States Fish and Wildlife Service (USFWS) for ESA for the National Historic Preservation Act (NHPA). These regulatory frameworks assign duties to protect the public health and welfare, including fish, wildlife, natural resources and the public to the designated Federal On-Scene Coordinator (FOSC), as the person responsible for coordinating this evaluation and consultation process for an oil spill response.

A Memorandum of Agreement (MOA) was developed between the US Coast Guard (USCG), EPA, the DOI, the USFWS, the National Oceanic and Atmospheric Administration (NOAA) and the National Marine Fisheries Service (NMFS) in July 2001. A copy of the MOA is available from the Region III RRT website at <http://www.rtt3-rcp.nrt.org/production/NRT/RTT3-RCP.nsf/AllPages/ESAindex.html>. The MOA provides a framework for cooperation and participation among services and agencies for the protection of listed species and their designated critical habitat for planning and response activities.

There are three (3) types of ESA Consultations – formal, informal and emergency. More information on the ESA consultation process, the ESA rule and its requirements is available from: <http://www.fws.gov/midwest/endangered/section7/index.html>. This web address includes access to a copy of the USFWS/NMFS Endangered Species Consultation Handbook (1998).

This presentation is provided in its entirety on the RRT Region III website at: <http://www.rtt3.nrt.org>.

- **Benefits of Endangered Species Act Consultation during Pre-spill Planning** – Mr. Tylan Dean, USFWS - Mr. Dean provided the membership with an overview of the Endangered Species Act (50 CFR part 402) and Section 7 – *Interagency Cooperation* of the Act. He summarized the goals and requirements of the policy and the authorities for the purposes of the Act. He provided additional guidance to the membership on the requirements for Emergency Consultation, Programmatic Consultation including the agency in charge's responsibilities (e.g., FOSC), and the Services' (USFWS and NMFS) responsibilities under the Act. This presentation included evaluating and summarizing the pre-incident versus post-incident requirements.

This presentation is provided in its entirety on the RRT Region III website at: <http://www.rtt3.nrt.org>. For additional information or if you have any other questions on this topic, please contact Tylan Dean (Tylan_Dean@fws.gov; 804-693-6694 x166).

Spill Response Countermeasures Workgroup Meeting on May 16, 2012 – The following presentations were given:

- **Status Update on Dispersant and ISB Response Technologies, Post DWH** – Debbie Scholz, SEA Consulting Group - Ms. Scholz provided the membership with an overview of the dispersant research and science studies ongoing world-wide post Deepwater Horizon (DWH). She summarized the known, ongoing activities of studies, and provided links to the information on these programs. Additionally, she has compiled a list of reports and studies on dispersant use and dispersed oil and has summarized a list of the papers dealing with aquatic toxicity; providing this list to the Region III RRT. A request

was made to upload these files to the RRT III website so that the membership can access and review these data.

This presentation is provided in its entirety on the RRT Region III website at: <http://www.rrt3.nrt.org>. For additional information or if you have any other questions on this topic, please contact Debbie Scholz (DScholz@seaconsulting.com; 843-367-5126).

- **Pipeline Safety Update** – Alex Dankanich, DOT OPS - Mr. Dankanich provided the membership with an overview of USDOT Office of Pipeline Safety, Pipeline & Hazardous Materials Safety Administration (PHMSA) pipeline regulations. The federal government establishes minimum pipeline safety standards under the U.S. Code of Federal Regulations (CFR), Title 49 "Transportation," Parts 190-199. The Office of Pipeline Safety (OPS), has overall regulatory responsibility for hazardous liquid and gas pipelines under its jurisdiction in the United States.

OPS is headquartered in Washington DC, and supported through five regional offices located in Trenton, NJ; Atlanta, GA; Kansas City, MO; Houston, TX; and Denver, CO. OPS Regional Directors, Pipeline Inspectors, State Liaisons, and Community Assistance and Technical Services (CATS) managers operate from each of the five OPS regional offices. Mr. Dankanich summarized the most recent incidents (Enbridge's Kalamazoo River & Exxon Mobil's Silvertip Pipeline discharges) that resulted in these regulatory changes.

Contact links can be found at:

PHMSA Website – <http://www.phmsa.dot.gov>

PHMSA, Office of Pipeline Safety – www.phmsa.dot.gov/pipeline

Federal Regulations – <http://www.gpoaccess.gov/cfr> and www.regulations.gov

Stakeholder Communications – <http://primis.phmsa.dot.gov/comm/>

National Pipeline Mapping System (NPMS) – www.npms.phmsa.dot.gov

This presentation is provided in its entirety on the RRT Region III website at: <http://www.rrt3.nrt.org>. For additional information or if you have any other questions on this topic, please contact Alex Dankanich (alex.dankanich@dot.gov; 202-550-0481).

Spill Response Countermeasures Workgroup Meeting on September 12, 2012 – Kevin Boyd discussed the need to update the Region III Dispersant Pre-authorization document for the use of dispersants. Currently, the Region III policy has the following:

- **Zone A - Big Stone Beach Anchorage in Delaware Bay** - Limited preauthorization for the use of dispersants on spills of 50 barrels or less, or 50 barrels or less on portions of larger spills, provided the former is a spill of opportunity and the latter is for trial use only.
- **Zone 1 – Sub Regional Area** – Pre-authorization is granted with respect to spills of any size in the offshore waters that are 3nm and seaward of the Territorial Sea Baseline along the coast of Virginia, Maryland, and Delaware.

- **Zone 2 – Coastal Waters** - Trail use authorized on 50 barrels or less but concurrence required for operational use of dispersants in waters that are at least 0.5 nm from any shoreline and where the water depth is greater than 40 feet.
- **Zone 3 – Near Shore Waters** - Concurrence required for trail or operational use in waters less than 0.5 nm from shore or water depth less than 40 feet. Dispersants are not a primary tool in this zone.

Kevin Boyd sent out to the RRT the current Region III Dispersant Pre-authorization Memorandum of Understanding (MOU) for review and comment. The USCG would like to retain the same zones that are currently pre-authorized. Before the RRT III moves forward with updating the current MOU, we requested from the membership any issues they may have with keeping the same preauthorized zones. Any comments were due to Kevin Boyd (boyd.kevin@epa.gov) by October 26, 2012.

The following presentation was given:

- **Revision of SMART Protocols and NRT Subsea Dispersant Application Guidance Update for RRTs** – Ed Levine, NOAA SSC - Mr. Levine - provided the membership with an overview of the dispersant research and science monitoring documentation requirement for dispersant operations. The documents are to be released in the near future and will provide additional guidance to the RRTs relative to revisions of the SMART protocols and the Subsea Dispersant Application Guidance.

c. Training Workgroup: The Training Workgroup met on January 11, 2012, in Williamsburg, Virginia, on May 16, 2012, in Ocean City, Maryland, and on September 12, 2012, in State College, Pennsylvania. Mr. Ed Levine, NOAA SSC, is the Workgroup Chair, and his work number is (212) 668-6428.

Training Workgroup Meeting on January 11, 2012 – The following presentation was given:

- **Marine Safety Course Offerings – CG Training Center Yorktown** – LCDR Brian Meier, CG Training Center Yorktown

LCDR Meier provided the membership with an overview of training programs he coordinates:

- the US Coast Guard Training System;
- the Training Center (TRACEN) at Yorktown, VA;
- the Marine Safety Branch;
- the Marine Safety Branch Course offerings; and
- the Port Operations School.

He summarized the various requirements for training. Training does not equal education; and qualification does not equal proficiency.

This presentation is provided in its entirety on the RRT Region III website at: <http://www.rrt3.nrt.org>. For additional information or if you have any other questions on the services they provide, please contact LCDR Brian Meier (Brian.A.Meier@uscg.mil; 757-856-2845).

Training Workgroup Meeting on May 16, 2012 – Mr. Csulak summarized the status of some of the ongoing activities for the workgroup and to establish the 2012 training schedule.

The following presentation was given:

What is the National Strike Force (NSF)? - Mr. James Snyder, NSFCC - Mr. Snyder provided the membership with an overview of the National Strike Force (NSF). The NSF includes the National Strike Force Coordination Center (NSFCC), the Public Information Assist Team (PIAT), and three (3) Strike Teams (Atlantic [AST], Gulf [GST] and Pacific [PST]). The NSF provides rapidly deployable technical experts, specialized equipment, and incident management capabilities for Lead Agency Incident Commanders and Federal On-Scene Coordinators (FOSCs) for their response and preparedness missions.

The NSFCC website is available at <http://www.uscg.mil/hq/nsfweb>. Phone Number contacts include:

- NSFCC – (252) 331-6000
- PIAT – (252) 331-6000
- Pacific Strike Team – (415) 883-3311
- Gulf Strike Team – (251) 441-6601
- Atlantic Strike Team – (609) 724-0008

This presentation is provided in its entirety on the RRT Region III website at: <http://www.rrt3.nrt.org>. For additional information or if you have any other questions on the services they provide, please contact Jim Snyder (James.W.Snyder@uscg.mil; 252-331-6000).

Training Workgroup Meeting on September 12, 2012 – Mr. Levine summarized the status of some of the ongoing activities for the workgroup and established our 2013 training schedule.

- The membership participated in a brainstorming session to get new ideas for future training activities. A list of training topics and activities was identified and can be found on our RRT III website <http://www.rrt3.nrt.org> on the Recent Initiatives Page under RRT III Meeting Minutes for September 2012 Training Workgroup.
- c. **Wildlife Response Workgroup:** The Wildlife Response Workgroup met on January 11, 2012, in Williamsburg, Virginia, on May 16, 2012, in Ocean City, Maryland, and on September 12, 2012, in State College, Pennsylvania. Mr. Frank Csulak, NOAA SSC, is the Workgroup Chair, and his work number is (732) 872-3005.

Wildlife Response Workgroup Meeting on January 11, 2012 – The following presentation was given:

- **Wildlife Considerations During Spill Response** – Dr. Jim Fraser, USFWS / Virginia Tech Department of Fish and Wildlife Conservation - Dr. Fraser provided the membership with an overview of the fish and wildlife resources in the Chesapeake Bay and Delaware Bay that utilize the incredibly rich and productive habitats and environment in Region III, including information on the threatened and endangered species and wildlife/waterfowl.

This presentation is provided in its entirety on the RRT Region III website at: <http://www.rrt3.nrt.org>. For additional information or if you have any other questions on this topic, please contact Dr. Fraser (fraser@vt.edu; 540-231-6064).

Wildlife Response Workgroup Meeting on May 16, 2012 – The following presentations were given:

- **Tri-State 11th Effects of Oil on Wildlife Conference Results** – Sarah Tegtmeier, Tri-State Bird Rescue and Research - Ms. Tegtmeier provided the membership with an overview of the formation of the Tri-State Bird Rescue and Research organization and the International Effects of Oil on Wildlife Conference. The 11th EOW Conference was held in New Orleans, LA. The Hot topics for this conference were case studies, research, and contingency planning efforts post-Deepwater Horizon (DWH). A significant component of the conference was focused on the ongoing field response needs following the DWH. Large panel discussions were held that included people that were working in the field for DWH and MV RENA (container ship grounding off coast of New Zealand) to compare and contrast the resulting organization and field responses for these two separate incidents.

The main case studies were focused on the DWH and MV Rena wildlife response and the Tristin de Cunha, a remote (seven-day transit time) spill off South Africa that is home of 80% of the world's Rockhopper penguins.

This presentation is provided in its entirety on the RRT Region III website at: <http://www.rrt3.nrt.org>. For additional information or if you have any other questions on this topic, please contact Sarah Tegtmeier (stegtmeier@tristatebird.org; 302-737-9543).

- **Marine Mammal Stranding Program** – Maggie Lynott, Virginia Aquarium Stranding Response Program - Ms. Lynott summarized the Stranding Networks capabilities and typical response efforts for marine mammals and sea turtles in Virginia. The Stranding Networks promote conservation of marine animal species through stranding response. They respond to dead and live animal stranding events, conducting necropsies and data gathering, as well as coordinating individual species recovery efforts. This includes marine mammal and sea turtle entanglement events.

For more information on the Virginia Aquarium Stranding Response Program, go to <http://www.virginiaaquarium.com/research-conservation/Pages/stranding-response-program.aspx>. The emergency hotline for the Virginia is 757-385-7576.

This presentation is provided in its entirety on the RRT Region III website at: <http://www.rrt3.nrt.org>. For additional information or if you have any other questions on this topic, please contact Maggie Lynott (MLynott@VirginiaAquarium.com; 757-385-6482).

- **Emergency Power Facility Assessment Tool (EPFAT)** – Will Rogers, US Army Corps of Engineers - Under the National Response Framework, the U.S. Army Corps of Engineers (USACE) is assigned the Coordinator for ESF #3 – Public Works and Engineering During Disasters. The USACE is the primary agency for response activities, such as ice, water and temporary power. As a component of other work being done for FEMA, the USACE developed a temporary power resource tool to document and identify emergency temporary power locations around the country. The Emergency Power Facility Assessment Tool (EPFAT) is available for states, counties and facilities. The EPFAT is available on line at <https://eportal.usace.army.mil/sites/ENGLink/default.aspx>.

This presentation is provided in its entirety on the RRT Region III website at: <http://www.rrt3.nrt.org>. For additional information or if you have any other questions on this topic, please contact Will Rogers (william.a.rogers@usace.army.mil; 347-370-4582).

Wildlife Response Workgroup Meeting on September 12, 2012 – The following presentations were given:

- **Evaluation of Unconventional Natural Gas Development: Potential Impacts to Aquatic Environments** (Kathleen Patnode, Ph.D. USFWS) - Dr. Patnode provided the membership with an overview of the potential for aquatic toxicity effects from natural gas development in the area. There has been and continues to be extensive natural gas drilling in Pennsylvania along the Marcellus Shale formation. This includes both Marcellus Shale wells and non-Marcellus Shale wells (also referred to as unconventional wells).

This presentation is provided in its entirety on the RRT Region III website at: <http://www.rrt3.nrt.org>. For additional information or if you have any other questions on this topic, please contact Kathleen Patnode (Kathleen_Patnode@fws.gov; 304.234.0238).

- **FWS R5 Emergency Response Plan Update** (Lora Zimmerman, Supervisory Biologist, USFWS) - Ms. Zimmerman summarized USFWS responses to threats in the Northeast Region (New England states, NY, NJ, PA, DE, MD, VA, and WV).

She summarized the USFWS response authorities and involvement relative to trust resources including Section 7 Consultations and Emergency Consultations for oil and hazardous materials releases.

This presentation is provided in its entirety on the RRT Region III website at: <http://www.rrt3.nrt.org>. For additional information or if you have any other questions on this topic, please contact Lora Zimmerman (Lora_Zimmerman@fws.gov).

e. **Outreach Workgroup:** The RRT III Outreach Workgroup is inactive at this time and did not meet in 2012.

f. **Natural Resource Damage Assessment Workgroup (NRDA):** The NRDA Workgroup met on January 11, 2012, in Williamsburg, Virginia, on May 16, 2012, in Ocean City, Maryland, and on September 12, 2012, in State College, Pennsylvania. Mr. Ben Anderson, with DE DNREC, is the Workgroup Chair, and his work number is (302) 739-9939.

NRDA Workgroup Meeting on January 11, 2012 – The following presentation was given:

- **Section 106 of the National Historic Preservation Act: Lessons Learned on the Deepwater Horizon Oil Spill** – Daniel Odess, Ph.D., Assistant Associate Director, Park Cultural Resources, National Park Service - Dr. Odess provided the membership with an overview of the Section 106 – National Historic Preservation Act (NHPA) and a brief summary of the lessons learned from DWH. You can download and view a complete copy of the Section 106 – NHPA from <http://www.achp.gov/nhpa.html>. Additional guidance on working with components of the Section 106 – NHPA can be found at <http://www.achp.gov/work106.html>.

This presentation is provided in its entirety on the RRT Region III website at: <http://www.rrt3.nrt.org>. For additional information or if you have any other questions on the services they provide, please contact Daniel Odess, Ph.D. (daniel_odess@nps.gov; 202-354-2128).

NRDA Workgroup Meeting on May 16, 2012 – The following presentation was given:

- **Revitalizing Degraded Saltmarsh in Delaware's Inland Bays: Compensatory Restoration for Indian River Power Plant NRDA** – Christopher Pfeifer, Cardno Entrix - Mr. Pfeifer provided the membership with an overview of the Natural Resource Damage Assessment (NRDA) Compensatory Restoration Case Study effort for the Indian River Power Plant spill that occurred in 1999. This event resulted from a half-inch leak in an underground pipeline carrying diesel fuel; it was not known how long the leak was present, but was estimated to have persisted undetected for years. The discharge required remediation of the groundwater and removal of surrounding soils/sediment to address the contamination that ultimately made its way into the Indian River. In total 10-11 acres of sub-tidal habitat were affected by this discharge. Cardno Entrix was involved in the initial primary restoration and are now presently involved with the long-term NRDA compensatory restoration/monitoring process.

Mr. Pfeifer summarized the efforts of the 5 year NRDA salt marsh compensatory restoration project and its current status. Natural salt marshes should consist of meandering waterways and open water pools. However, in the 1930's, a salt marsh ditching program began for mosquito control as part of the New Deal. In Delaware, the straight ditches formed grids and have resulted in draining many of the salt marshes, lowering the water table (removing tidal pools) or creating stranded water logging non-draining (standing water between ditches) pools. The Slough's Gut Marsh, located in James Farm Preserve, was the first project area for the NRDA with its focus to restore the salt marsh to its natural flow. After construction, Cardno Entrix has continued monitoring

the site for the last several years. In general, this project has been marked as a major success.

This presentation is provided in its entirety on the RRT Region III website at: <http://www.rrt3.nrt.org>. For additional information or if you have any other questions on the services they provide, please contact Chris Pfeifer (chris.pfeifer@cardno.com; 302-395-1919).

NRDA Workgroup Meeting on September 12, 2012 – The following presentation was given:

- **Environmental Protection and Unconventional Well Development** (Kerry Leib, PADEP) - Mr. Leib provided the membership with an overview of the status of gas well development and regulations associated with managing the environmental issues associated with the hydro-fracing that is taking place within the Marcellus Shale formations and other areas in the US. Mr. Leib also provided the membership with a historic summary of Pennsylvania's interaction with the oil and gas extraction/production industry and how the industry, regulations, and other aspects have changed with the more recent Marcellus Shale drilling for gas production.

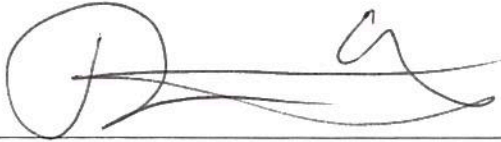
This presentation is provided in its entirety on the RRT Region III website at: <http://www.rrt3.nrt.org>. For additional information or if you have any other questions on the services they provide, please contact Kerry Leib (kleib@pa.us; 717-787-5715).

9. FUTURE PLANS - RRT III Meetings: Our 2013 meetings are: May 14-16, 2013, in Rehoboth Beach, Delaware and November 19-21, 2013, in Charlottesville, Virginia. These are first choice dates.

10. RECOMMENDATIONS AND OTHER ACTIONS:

11. REMARKS: None

CONCURRENCE:



DAVID P. WRIGHT, EPA, RRT III CO-CHAIR

2/19/13
DATE



DAVID T. ORMES, USCG, RRT III CO-CHAIR

2/6/13
DATE

