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USEPA Region 3 FOOSC Report-Out

A. Activations/Notifications (from NRC Reports):

	October 2017 – March 2018				
	Oil	Hazardous Sub.	Radiological	Other	Total
Pennsylvania	188	31	0	110	329
Virginia	131	27	0	61	219
West Virginia	56	10	1	36	103
Maryland	84	9	0	31	124
Delaware	18	4	0	4	26
District of Columbia	10	0	0	3	13

NRC Reports led to two (2) Emergency Responses and one (1) OPA Activation

B. Notable Cases:

- Train Derailment in Wise County, VA** – Norfolk Southern had 38 cars derail on Nov. 18, 2017 releasing approximately 4000 tons of coal released. 400 tons of coal spilled into Pigeon Creek. VDEM/VDEQ were the lead agencies for the response. (Southwest VA/WV Sub-Area XV – OSC Stephanie Wenning)
- 13th Street Lab/Rad Site, Huntington, WV** – In December 2017, the Huntington Fire Department responded to a second-floor electrical fire at a residential property. While responding to the fire, responders discovered various hazardous lab chemicals, radiological waste, and explosive materials inside the property. EPA worked with WVDEP to conduct initial response activities to secure the property and identify/segregate materials in order to conduct a removal action. Lab packing of materials and disposal occurred in April 2018. (Huntington/Central WV Sub-Area IX – OSC Dennis Matlock)
- Mercury Release, Rockville, MD** – In May 2018, EPA worked with MDE to respond to a significant release of mercury outside a home. Mercury had been placed in a trash bag which had ripped open spilling the mercury and impacting a residential property and street. The mercury was vacuumed up and two homes assessed to determine if mercury had been tracked inside. Contaminated items were removed and air monitoring was conducted inside the home. (Washington DC Extended Sub-Area II – OSC Charlie Fitzsimmons)
- Booming Strategies, Southcentral, PA** – EPA has completed booming strategies of six (6) drinking water intake locations along the Susquehanna and Juniata Rivers that were prioritized by PADEP. EPA and PADEP will work to field verify these booming locations and correct latitude/longitude locations of additional drinking water intakes to continue development of booming strategies. (Southcentral PA Sub-Area V– OSC Melissa Linden)

C. Training & Readiness Highlights:

- In January 2018, EPA conducted two 8-hour Meth Lab Awareness Training Classes for eight West Virginia Counties. The training was presented to local and state law enforcement, first responders, HAZMAT teams and emergency managers. The training focused on illicit lab production, recognition of specific items used in meth

production, use of personal protective equipment (PPE), equipment/meters usage, and how to safely respond to a meth lab incident. (Shenandoah Valley Sub-Area X – OSC Don McLaughlin)

- In March 2018, Region 3 delivered an 8-hour "Chemistry of the Hazard Classes" training class to members of the Tidewater, Virginia Hazardous Materials Teams. Attendees included firefighters from the cities of Norfolk, Portsmouth, Chesapeake, and Virginia Beach. 75 responders participated in the training over several days. (Southeast VA Sub-Area XII – OSC Christine Wagner)
- In May 2018, EPA conducted two HAZMAT Training classes for local responders in Chester County, PA. (Southeast PA/DE Sub-Area II – OSC Eduardo Rovira)
- EPA participated in outreach activities with Chesterfield County VA – Industry Days in March 2018 and Prince George County VA – Survivor Day in April 2018. (Southeast VA Sub-Area XII – OSC Christine Wagner)
- EPA participated in LEPC Meetings in Hopewell, Powhatan, Suffolk, and Chesapeake, VA (Southeast VA Sub-Area XII – OSC Christine Wagner)
- EPA participated in LEPC Meetings in Montgomery County and Fairfax County where OSC Fitzsimmons also made a presentation. (Washington DC Extended Sub-Area II – OSC Charlie Fitzsimmons)

D. Exercises:

- EPA is providing national level exercise support to FEMA and DC HSEMA for an upcoming functional large scale exercise including natural disaster implications. EPA is also providing support to EPA HQ Office of Drinking Water regarding their play in this exercise and impact specific to drinking water utilities in the National Capital Region. (Washington DC Extended Sub-Area II – OSC Charlie Fitzsimmons)
- In April 2018, EPA participated in a Tabletop Exercise (TTX) at the Buckeye Partners Terminal in Malvern, PA. (Southeast PA/DE Sub-Area II – OSC Eduardo Rovira)
- In April 2018, EPA conducted its seventh annual exercise program with eight West Virginia Counties (Berkeley, Hampshire, Hardy, Grant, Jefferson, Mineral, Morgan, and Pendleton) and three Maryland Counties (Allegany, Garrett, and Washington) by delivering a TTX entitled, "Derecho Super Cell". The overall exercise objectives focused on HAZMAT Response during a severe weather event that simultaneously overwhelm the 11 Counties. The Functional Exercise will be scheduled in the June-July 2018 timeframe, and the Full-Scale Exercise will occur sometime October 2018. (Shenandoah Valley Sub-Area X – OSC Don McLaughlin)
- On May 8, 2018, EPA participated in the Southern Baltimore Mutual Aid Plan (SBIMAP) Vigilant Guard Exercise at the Baltimore City FD Special Operations Office. The exercise was designed to test the skills and equipment of agencies and businesses that respond to chemical accidents in the Southern Baltimore area. (Upper Chesapeake Sub-Area XI – OSC Kelley Chase)

E. Other Highlights:

- EPA Region 3 continued support response and recovery operations for Hurricane MARIA. 80% of EPA Region 3 OSCs participated in multiple deployments as well as Region 3's Response Support Corp.

F. Future Events / Meetings:

- EPA to participate in a TTX with the Office of Drinking Water and the National Capital Region drinking water utilities in June,2018. (Washington DC Extended Sub-Area II – OSC Charlie Fitzsimmons)
- EPA is working with PA TRANSCAER and PEMA on two upcoming TRANSCAER exercises in Mifflin County (May 24, 2018) and Bedford County (August 4, 2018). (Southcentral Sub-Area V – OSC Melissa Linden)
- EPA announces a Fall 2018 TTX with Raleigh County, WV that could include City of Beckley and possibly other neighboring counties. (Southwest VA/WV Sub-Area XV – Ruth Scharr)

Sector Delaware Bay Report-Out

A. Activations/Notifications (from NRC Reports):

	01 November 2017 – 30 April 2018
Pollution Reports*	55
Federalized Cases	1
Criminal Cases	0
*Numbers reported include only those incidents occurring within Agency Jurisdiction or requiring an Agency response (SDB reports for PA/DE only)	

B. Notable Cases:

- On 30 April 2018, Sector Delaware Bay received notification of approximately 1000 gallons of marine diesel spilled onto a vessel and barge, and into the Delaware River at Packer Avenue Marine Terminal in Philadelphia due to a valve malfunction while fuel was being transferred. Clean-up efforts were initiated at the terminal and at Little Timber Creek (New Jersey – Region II), where some of the diesel had flowed. A small boat sortie and helicopter overflight were employed to track the spill. Captain of the Port Orders were issued to the vessel and barge regarding cleaning residual oil from their deck/hulls, and a Letter of Undertaking for any potential civil penalty was requested from the vessel because it was foreign-flagged. PA DEP, NOAA SSC, and the Water Intake Early Warning System were all briefed. Clean-up was completed and the vessel was cleared to depart upon receipt of the Letter of Undertaking and successful cleaning.

C. Training & Readiness Highlights:

In early May, Sector Delaware Bay finalized a Concept Plan for Responding to Military Munitions (sea-disposed munitions recovered at sea). This plan is the culmination of 8 months of research, collaboration, and plan development. Numerous response partners were consulted and provided an opportunity to contribute during plan development. Some of these partner agencies included the Office of the Assistant Secretary of the Army for Safety, Environment, and Occupational Health's Director for Munitions and Chemical Matters, Naval Weapons Station Earl Explosive Ordnance Disposal (EOD) Detachment, Atlantic Strike Team, Navy On Scene Coordinator at Navy Region Mid-Atlantic, Army 21st Civil Support Team, FBI, FDA, NOAA, New Jersey and Delaware offices of Environmental Response, Health, and Shellfish Programs, NJOEM, DEMA, and a fishing vessel representative who is involved with the U.S. Coast Guard's Fishing Vessel Advisory Committee. The intent of the plan is to guide USCG actions and inter-agency coordination for an incident involving sea-disposed conventional or chemical military munitions resulting from the incidental recovery of such discarded material during maritime activities (such as commercial fishing). The plan identifies all key initial response partners/stakeholders; provides pre-scripted incident priorities, objectives, decision points, and limitations/constraints; and addresses five main phases of a potential response: (1) discovery/notification, (2) initial evaluation, (3) rescue operations, (4) on scene assessment, mitigation, and decontamination, and (5) reconstitution. Of note, the plan



includes important initial planning considerations and guidance for complex elements presented by such a scenario, including bringing a vessel to port, offshore EOD response, limitations of an offshore HAZMAT response, and food safety actions. The Sector will have copies of the plan available at the RRT meeting to share with other interested parties.

- The Sector's Contingency Preparedness Specialist provided a Sector 101 briefing and offshore lightering overview during NOAA's recent Science of Oil Spills training in Lewes, DE, in April.
- Sector Delaware Bay is working to reinvigorate port-wide marine firefighting collaboration and preparedness, and exploring with port partners the idea of a new Area Committee marine firefighting subcommittee. The Sector plans to host local port partner SMEs for a roundtable to discuss objectives and next steps on 6 June.

D. Exercises:

- Sector participated in the 2018 National Level Hurricane Exercise "Atlantic Fury" 3-9 May 2018.
- Upcoming CG-sponsored exercise of note: Offshore Lightering WCD Tabletop Exercise (joint with Sector MD-NRC) 6 Sep 2018. The scenario for this exercise served as the basis for a recent incident-specific RRT Coordination call drill.

E. Other Highlights:

- Sector Delaware Bay was honored to receive the 2017 RADM Sidney A. Wallace Award for Excellence in Marine Environmental Response and Preparedness.

F. Future Events / Meetings:

- Sector Delaware Bay Area Committee Meetings: 17 July 2018 and 17 October 2018.

Sector Maryland-NCR Report-Out

A. Pollution Response Operations (from National Response Center [NRC] Reports): Not provided.

B. Notable Cases (since 14 Nov 2017):

- **Jones Fall Outfall** (FPN 18001) – Jones Falls/Patapsco River – Baltimore, MD – On 22 October 2017, the Coast Guard received a report of a large sheen within the Inner Harbor of Baltimore, MD. Investigation with MDE revealed that the source was emanating from the Jones Falls outfall and involved a thick, viscous mineral oil. The OSLTF was opened and Clean Venture Environmental was hired to conduct clean-up around the outfall while MDE and USCG investigated for a potential Responsible Party. During cleanup, additional intermittent discharges were observed coming from the storm drain outfall. The source was identified as coming from an underground BG&E transformer substation where a non-PCB mineral oil jacketing a high voltage transfer line had leaked approximately 1000 gallons of the mineral oil into the underground tunnel. The mineral oil had pooled around a draining sump pump which periodically activated, sending intermittent discharges into the Jones Falls tributary, totaling ~700 gallons over 3 days. The source was secured and BG&E took over response efforts, completing an impressive effort.
- **Carroll Home Services I-83 Tanker Accident** – Jones Falls / Patapsco River – Baltimore, MD - On 26 December 2017, a tractor-trailer tanker carrying ~2800 gallons of red-dyed home heating oil overturned while exiting the I-83 exit towards the Jones Falls Expressway. The tank car ruptured on scene, spilling its contents down the embankment and into the Jones Falls tributary of the Patapsco River. Approximately 500 gallons were recovered from the land on scene. Carroll Home Services contracted Ace Environmental to manage the response efforts. Containment and collection efforts were set up at three locations along the river and at the Jones Falls outfall leading to the Inner Harbor. Collection with vacuum trucks occurred at each location. Icing conditions hampered response efforts, and ice flows would occasionally cause the boom to break free, but the strong proactive response from the company and the state contained the spill before it impacted the Inner Harbor. The OSLTF was not utilized in this case.
- **CSX Train Derailment** – 02 March 2018 a CSX train was stopped with the center portion of the train sections crossing the Susquehanna River on the Susquehanna CSX Rail Bridge. Wind gusts of over 65 kts. were recorded due to a Nor'easter moving through the local area. While the train was stopped, six cars on top of the bridge derailed, with four of them tumbling from the bridge into the Susquehanna River below. One of the four cars was an empty chemical tank car which floated at the surface of the river and was recovered that night and removed the following morning. The other three cars were a box car and two bulk ore carriers, all of them empty of any hazardous waste or materials, which sank beneath the surface of the water. Divers located one rail car the following day, but the remaining cars were not located and removed until 11 March 2018. Neither the OSLTF nor CERCLA were utilized in this case.
- **Bay Bridge Barges** – On 02 March 2018, during a nor'easter with wind gusts over 65 kts, two construction deck barges contracted by the State of Maryland to conduct sandblasting / painting of the Chesapeake Bay Bridge (connecting MD to the Eastern shore near Annapolis) were blown from their anchors, causing them to strike the bridge. The force of the collision punctured the deck barges below the waterline and their void spaces filled with sea water. Although the tanks were empty of any petroleum products, both were loaded with construction equipment, including a 10,000-gallon fuel truck on the eastern barge loaded with ~3,000 gallons of diesel used to fuel the various onboard equipment. Both barges were initially in danger of sinking; and the contractor began dewatering efforts to prevent the barges from capsizing. Following structural examinations, both barges were removed on 06 March and escorted by tugs to Curtis Bay, where they are undergoing repairs. The OSLTF was not utilized in this case.

- **Middle River Outfall** (FPN: P18006) – Middle River, Middle River, MD – On 02 May 2018, Sector IMD personnel responded to a report of lubricating oil emanating from a residential storm drain outfall along Middle River, Baltimore County. Sector personnel met MDE personnel on-scene, who provided diagrams of the sewer system. Upon tracing the sewer line back with MDE, personnel identified a storm drain with pooled oil sheening on the metal and drops of lubricating oil on the concrete around the drain. Following the trail of drops, MDE and Sector personnel identified a Rubbermaid trashcan with oil staining indicating it had been filled with 25 to 30 gallons of lubricating oil in a car-port alongside a house. The discovery led response personnel to suspect intentional dumping of motor oil. An OSLTF was opened to clean the spilled oil and flush the storm drain to ensure removal of all product. Issued Notice of Federal interest to potential RP, enforcement action pends.
- **P/C C BREEZE** (FPN: P18007) – Bullneck Creek, Dundalk, MD – On 01 May 2018, Sector IMD personnel were notified of a vessel which had sunk at Starr Marina, Dundalk, MD, on the evening of 29 April 2018. The marina owner indicated that upon initially sinking, there was not an appreciable sheen on the water; however, on the second day, the water began to actively sheen. IMD responded alongside MDE who deployed sorbent boom around the vessel. The RP indicated he had limited financial means and lacked any insurance on the vessel, but was interested in assuming responsibility. RP actively solicited for salvage responses and attempted to gain financing; however, after failing to meet the timelines established in the Administrative order issued 03 May, Sector personnel assumed federal control of the response on 04 May; opened the OSLTF; and removed the fuel from the vessel, which was subsequently fully removed from the water by the marina owner.

C. Training & Readiness Highlights:

- Qualified 02 Pollution Responders and 01 Auxiliary Assistant Pollution Responder
- 04 Members attended Science of Oil Spills course in Lewes, DE
- 01 Member attended Pollution Incident Responder Course
- 02 Members attended Federal On-Scene Coordinator Representative Course
- 02 Members attended International Oiled Wildlife Conference.
- Trained 13 Auxiliary personnel throughout the AOR over 5 months “Training college” sessions to conduct Auxiliary Assistant Pollution Responder Duties.

D. Exercises:

- Conducted RRTIII Activation Drill
- Conducted successful Government Initiated Unannounced Exercise (GIUE) at NuStar Terminal.
- Conducted 02 PREP Quarterly Notification Drills
- Conducted 01 Alert Warning System (AWS) Port Partner Notification Drill
- Conducted National Level Exercise – Hurricane Exercise Cora May 3 to 10.

E. Other Highlights:

- Ongoing – Continued edits and overhaul to the Area Contingency Plan (ACP)
- 30 January 2018 SOTUA
- All D5 Sector Tri-State Bird Rescue: Open house
- International Oiled Wildlife Conference

F. Future Events / Meetings:

- June – STA HAZWOPER / Response Trailer Training

- September – Joint PREP Tabletop exercise with Sector Delaware Bay regarding Offshore Lightering Scenario.
- Mid-June: GIUE #2
- 14 June: MRO TTX
- 29 June: Area Committee Meeting Easton, MD
- 24 September: Area Committee Meeting Chester, MD

Sector Hampton Roads Report-Out

	01 November 2017 – 30 April 2018
Pollution Reports*	196
Federalized Cases	5
Criminal Cases	0
*Numbers reported include only those incidents occurring within Agency Jurisdiction or requiring an Agency response.	

A. Notable Cases (01 November 2017 – 30 April 2018):

- **M/V Jupiter N:** On 02 December 2017, the M/V Jupiter N discharged approximately 2000 gallons of heavy fuel oil with 750 gallons entering the Elizabeth River due to a tank overflow. The oil impacted multiple industry assets such as Norfolk Southern, PMT and Vulcan Materials. The oil impacted a residential neighborhood as well as a public beach and marsh area. The QI for the vessel immediately hired Coastal Marine Services, Hepaco and Accurate Marine to conduct cleanup. As a result of the efforts from the NOAA SSC, the cleanup was completed on 14 December 2017 with minimal long term effects to marsh lands and the public beach.
- **TUG BOURNE:** On 20 January 2018, USCG Sector Hampton Roads received a report of a sunken 100-ft tugboat BOURNE in Skiffs Creek that was leaking motor oil which had created a small sheen. The owner (J-Way Leasing and Marine) is based out of Ohio and has not returned repeated calls or correspondence. Coast Guard pollution responders and Newport News HAZMAT (NNH) personnel responded that night and deployed absorbent boom around the vessel after observing a small sheen. USCG, NNH, VDEM, and Ft. Eustis Fire and Emergency Services went back at first light and deployed NNH hard boom around the vessel.

Coast Guard Sector Hampton Roads the OSLTF was accessed for \$175,000 and contracted HEPACO to remove the fuel on 24 January 2018 when the weather permitted, using a crane and barge. This vessel was federalized by Coast Guard Sector NCR in 2009. The responsible party (J-Way Leasing and Marine) was never reached to pay for the federal project through the NPFC (\$90,000).

The vessel has been anchored in Skiffs Creek for the last 4 years as seen on Google Earth overlays and by mariner observations. It is not known how the vessel was brought or transited down to the Hampton Roads AOR. The NOAA SSC was consulted, and there are no endangered or sensitive species of concern for this area at this time of year.

Sector Hampton Roads has begun the process of creating a case package for this vessel for the COMDT vessel destruction process because of the possibility of the sunken tug being a dumping ground for HAZMAT and its location in Skiffs Creek. If the case package is approved by the COMDT, the vessel destruction process will commence and will most likely involve raising the vessel and transporting her to a scrap yard for disposal. The OSRO (HEPACO) has collected over 3,000 gallons of mostly fuel and drums of soiled absorbents.

- **S/V TURNADOT:** On 09 March 2018, S/V TURNADOT sank at Willoughby Marina in Virginia Beach, VA, and inadvertently activated its EPIRB. Sector PRs deployed to the scene and observed a sheen emanating from the vessel and batteries/other containers secured onboard. The owner of this vessel is under a current COTP order for structural integrity issues, unless he receives a U/W until the vessel is repaired and surveyed. The owner was contacted, but declined to respond due to financial constraints. The SOSLTF was accessed for \$10,000. Diesel fuel and some batteries were recovered.
- **M/V Wanderer II:** On 12 January 2018, Sector PRs responded to Willoughby Marina as a result of a report of a sunken 49-ft retired charter VSL, the WANDERER II, observed to discharging red dye

diesel. The owner was unable to take satisfactory action, the OSLTF was accessed for \$30,000, and PETROCHEM was contracted to access the fuel tanks and remove the fuel. PETROCHEM recovered 400 gallons of fuel and oily waste from the vessel.

- **F/V Miss Carolyn:** On 06 May 2018, the F/V Miss Carolyn sunk at Menchville Marina in Newport News, VA. Sector PR/FOSCR worked directly with the Newport News Fire Department Station 6 HAZMAT team and Newport News Park Rangers to attempt to identify the owner as well as to boom off the vessel. The owner was unable to be identified and the operator was unable to conduct satisfactory cleanup operations. On 07 May 2018, the OSLTF was accessed for \$20,000 to recover the discharged oily waste and diesel. Accurate Marine Environmental was hired to recover the discharged oil and decontaminate the boom for the Fire Department.

B. Enforcement Summary:

- Sector Hampton Roads responded to 196 NRC reports from November to May 2018, resulting in 17 cases.

C. Any Changes in Leadership by agency:

- **Outgoing / Incoming personnel:** Sector Hampton Roads Captain of the Port/Sector Commander CAPT Rick Wester will be transferring (Summer 2018) and CAPT Kevin Carroll was selected to become the next Captain of the Port/Sector Commander of Sector Hampton Roads. Change of Command has been set for June 12, 2018.
- **IMD/MER Turnover:** Incident Management Division Chief-LCDR John Laraia will be replaced by LCDR Danielle Shupe: June 2018.

D. Any Best Practices and Lessons Learned (which may require AC Attention): None at this time.

E. Federal, State, and Local Planning and Coordination Efforts in your AOR:

- Area Committee Meetings continue to be held quarterly.

F. Challenges and Issues (and Operational Requirements which may require NRT Attention):

- None that require NRT attention.

Sector Buffalo Report-Out

A. Activations / Notifications (from NRC Reports):

	MSU Cleveland	Sector Buffalo	MSD Massena	Total 2018
NRC Reports	25	8	11	44
Pollution Cases	0	0	6	6
Federalized Cases	0	1	0	1

B. Notable Cases:

- **Republic Steel (06 March 2018):** MSU Cleveland received NRC 1206013 reporting discharge of 5-10 gallons of hydraulic oil into Black River, from a failed sump pump at Republic Steel. Local fire department and Ohio EPA responded on scene along with CG Pollution Responders to assist in response actions. Upon arrival on scene, it was discovered that approximately 20 gallons of waste oil discharged from the facilities Scale Tank because of a sump pump failure. The majority of the product was contained with boom at an outfall on the river. After conferring with Ohio EPA and Republic Steel, it was decided that the best course of action to prevent further discharges was to pump the oil out of the scale tank and repair the float on the sump. Republic Steel hired Clean Harbors to conduct cleanup operations and to pump the scale tank. Cleanup was completed on 07 March 2018 using a vacuum truck and sorbent material. Non-recoverable sheen dissipated naturally.
- **M/V Recover (02 January 2018):** MSU Cleveland responded to NRC 1233911 stating a there was a sunken vessel at Collision Bend on the Cuyahoga River. Upon arrival on scene, it was discovered the Commercial Vessel RECOVERY had sunk with no initial signs of pollution. The next day, 03 January 2018, MSU Cleveland returned to the RECOVERY and discovered a small sheen around the vessel. The owner stated that there was approximately 50 gallons of diesel onboard. Because of weather and ice conditions, response actions were limited, so MSU Cleveland personnel monitored the vessel with daily checks. On Friday, January 05, 2018, boom was placed around the vessel to contain the leaking diesel and remained in place until 10 January 2018, when contractors were able to remove the vessel from the water.
- **Mystery Drum (23 February 2018):** Sector Buffalo responded to a blue mystery drum that was found floating in the Buffalo River. The case was federalized and a CPN was opened for \$5,000.
- **PACIFIC HURON (26 December 2017):** MSD Massena responded to a grounding in the Saint Lawrence Seaway. An FPN was opened for \$25,000 dollars. It was found that the hull was not breached, however the concern was for the pollution potential as well as the upcoming seaway closure.
- **Mystery Drum (09 April 2018):** MSD Massena opened a CPN for \$5,000 to recover a mystery drum from Chippewa Bay, NY.

C. Training & Readiness Highlights: None to report.

D. Exercises: None to report.

E. Other Highlights: None to report.

F. Future Events / Meetings: None to report.

Sector North Carolina Report-Out

A. Activations / Notifications (from NRC Reports):

	1 Nov 2017 – 30 Apr 2018
Pollution Reports	61
Responses	47 (25 Wilmington) (16 Ft. Macon) (6 Nags Head)
Federalized Cases	0
Criminal Cases	0

B. Notable Cases:

- **Sunken Vessel [May 1, 2018]** - MSD Ft. Macon responded to a 33' recreational vessel, partially submerged at a marina in Morehead City, NC. The vessel had ~ 250 gallons of gasoline onboard. Commercial salvage responded on behalf of the owner's insurance, plugged vents and re-floated vessel, then towed it to local marina for haul out. Five gallons of oil were discharged.
- **M/V MAERSK SHANGHAI [May 3, 2018]** - M/V MAERSK SHANGHAI encountered heavy weather and rouge waves off the coast of Hatteras, NC and subsequently lost 72 shipping containers. All containers were general cargo, except one that contained 522 motorcycle batteries filled with sulfuric acid. USCG used overflights to locate the four floating containers. The company, Resolve Marine, dispatched to locate and mark the three containers. Through discussions with the RP, USCG, NOAA SSC, and EPA, it was determined that the containers that sunk were not a hazard to navigation and did not pose a significant threat to the environment.
- **F/V FISH DANCE II [May 8, 2018]** - F/V FISH DANCE II struck a submerged object and began taking on water; all five crewmembers were pulled from the water by USCG Station Wrightsville Beach. A towboat towed the vessel to a marina in Southport, NC where an oil sheen was reported to the NRC. Sorbent boom and pads were placed around the vessel. It is estimated that 75 gallons of diesel were discharged during the towing process. Enforcement action pends.
- **F/V BIG EARL [May 11, 2018]** - F/V BIG EARL ran aground on Holden Beach, NC with 700 gallons of diesel. The operator said that a fishing line became entangled in his screw. He attempted to anchor the vessel, but it did not hold causing the vessel to become beached. SEATOW unsuccessfully attempted to pull the vessel off the beach. No oil has been discharged but an Administrative Order was issued. Case pending.

C. Training & Readiness Highlights:

- **7-10 August 2018** - ICS-300 at Special Missions Training Center Camp Lejeune.

D. Exercises:

- Q3 GIUE –Potter Oil – Successful completion

E. Other Highlights:

- **March 13, 2018:** ERMA training by NOAA - USCG currently uses the system as a COP of large scale pollution response cases and was used extensively for hurricane response. A significant

benefit to this system is the incorporation of GRPs that provide information for response strategies to sensitive sites and endangered species.

- **March 15, 2018:** Coastal NC Area Committee Meeting
- **Endangered Species Consultation Training:** Frank Csulak, NOAA

F. Future Events / Meetings:

- **Northern AOR AC Sub Committee:** A northern coast workgroup will be established to accommodate Area Committee members located north of Ocracoke, NC.
- **Next AC Meeting:** 14 Nov 2018 NPREP Seminar

Marine Safety Unit (MSU) PITTSBURGH

A. Activations / Notifications (from NRC Reports):

- MSU Pittsburgh received 90 National Response Center (NRC) pollution reports since the last RRT III meeting in November 2017, of which three were within the Coast Guard jurisdiction. The majority of NRC reports received were outside of Coast Guard jurisdiction within the inland zone.

	24 April 2017 – 31 Nov 2017	1 Dec 2017 – 3 May 2018	Totals
Pollution Reports*	1	3	4
Federalized Cases	0	0	0
Criminal Cases	0	0	0

*Numbers reported include only those incidents occurring within Agency Jurisdiction or requiring an Agency response.

B. Partnerships:

- MSU Pittsburgh continues to partner with U. S. Environmental Protection Agency (EPA) Region III and Region V to schedule joint Government Initiated Unannounced Exercises (GIUE) at regulated bulk oil transfer facilities.
- MSU Pittsburgh meets quarterly with the Three Rivers Pollution Response Council (TRPRC), which is comprised of over 50-member companies that include chemical and oil manufacturers, environmental contractors, barge towing and/or fleeting companies, State agencies, and other Federal regulatory agencies. This group collaborates to provide mutual assistance, resources, and cooperation to respond to pollution on the rivers in the Pittsburgh COTP zone.
- MSU Pittsburgh supplements EPA Region III during a long ongoing oil spill of #6 oil. The spill site is the old Aliquippa Tin Mill that was demolished years ago. About 2 years ago, heavy oil started to discharge out of a storm drain on the site. After extensive investigative actions, the USEPA discovered that #6 oil was seeping into the ground around the storm drain from old underground pipes that had been cut and left unattended.

C. Training and Readiness:

- MSU Pittsburgh currently has seven qualified Pollution Responders and four Federal On-Scene Coordinator Representatives.

D. Exercises:

- MSU Pittsburgh has conducted a total of 2 GIUE for FY 2018. Involved parties received a positive letter of completion.

E. Other Highlights:

- MSU Pittsburgh will receive a new Commanding Officer on June 27. CDR Leon McClain, Jr. is departing to attend Senior Service School at the Naval War College in Newport, Rhode Island. CDR Aaron W. Demo is reporting in from Coast Guard Headquarters (CG-5P) where he served as a Traveling Inspector.

F. Future Events / Meetings:

- The next Three River Pollution Response Council meeting is scheduled for TBD.

Maryland Department of the Environment (MDE) Report-Out

A. Activations / Notifications (from NRC Reports): Not reported.

B. Notable Cases:

- **28 February 2018:** A loaded gasoline tanker was struck by another tractor trailer (box trailer), resulting in significant damage to the gasoline tanker, on I-695 (Baltimore Beltway). MDE crews offloaded approximately 8,600 gallons of gasoline with no release.
- **02 March 2018:** During a windstorm, four railcars blew off the CSX bridge over the Susquehanna River. The cars included two empty covered hopper cars, one empty box car, and one general service tank car containing fertilizer residue. There was no release of material into the waterway.
- **03 March 2018:** As a result of the wind storm, two construction barges drifted from their moorings, impacting the bridge supports of the Chesapeake Bay Bridge, and causing the barges to take on water. At least one of the barges contained a skid unit diesel fuel tank. Crews were able to maintain dewatering operations until the barges could be safely removed and towed to a shipyard for repair.
- **07 March 2018:** MDE responded to a reported 35bbl release from the Colonial Pipeline at its pumping station in Fallston. Crews identified a leak in the pressure loop and later increased the reported quantity released to 6,000 gallons. The spill impacted a stormwater retention pond on the site, but crews were able to prevent product from impacting the effluent stream.
- **21 March 2018:** MDE responded to an overturned heating oil delivery truck on Deer Park Road (Carroll County) in the Liberty Reservoir Watershed. The truck had an active leak from the manway. MDE crews offloaded approximately 2,200 gallons of #2 heating oil.
- **29 March 2018:** An LPG Transport overturned on Rte 50 at Moose Lodge Road, resulting in a small leak from the PRD. MDE crews assisted in offloading the LPG, so the trailer could be safely righted.

C. Training & Readiness Highlights: None to report.

D. Exercises:

- **17 April 2018:** MDE participated in the FEMA graded Radiological Emergency Preparedness Exercise for the Peach Bottom Atomic Power Station. The State of Maryland and impacted counties had no identified performance or planning issues.
- **07-08 April 2018:** MDE participated in an EOC-level tabletop exercise in conjunction with the Vigilant Guard/Atlantic Fury Exercise

E. Other Highlights: None to report.

F. Future Events / Meetings: None to report.

Pennsylvania Department of Environmental Protection (PADEP) Report-Out

A. Activations / Notifications (from NRC Reports):

	1 Nov 2017 – 30 Apr 2018
Pollution Reports	2,909
Federalized Cases	0
Criminal Cases	0

This includes: 399 NRC reports and 101 after hours responses.

B. Notable Cases:

- December 2017 - A 3000-gallon coal tar spill response.
- December 2017 – CSX train derailment.
- March 2018 – A March 2018 train vs truck accident involving several thousand gallons of hydrochloric acid being spilled.
- April 2018 – Norfolk Southern train derailment that resulted in the spillage of a rail car full of nurdles as well as food stuffs.
- Numerous transportation-related incidents involving tanker rollovers, fires, and pipeline construction-related activities and fish kills.

C. Training & Readiness Highlights: None reported.

D. Exercises: None reported.

E. Other Highlights: None reported.

F. Future Events / Meetings: None reported.

Virginia DEQ/VDEM Report-Out

A. Activations / Notifications (from NRC Reports):

	1 Nov 2017 – 30 Apr 2018	
	VDEQ	VDEM
Pollution Reports	1,962	784
Federalized Cases	2	0
Criminal Cases	0	0

- Notifications to the VEOC:
 - 63 telephone assists by the HMOs.
 - 108 VDEM On-Scene responses.
 - 24 VDEM Hazardous Materials Team responses.
- Two federalized cases:
 - Pittsylvania County – abandoned drums.
 - Brunswick County – chemical manufacturing and storage facility.

B. Notable Cases:

- **2 May 2018 - Colonial Pipeline reported a leak at their Mitchell Junction property:**
 - Unknown amount spilled, past containment and a sheen on a retention pond.
 - Major interstate east coast pipeline, potential environmental and economic impact.
 - Local and state resources responded to the scene.
 - Leak discovered in repair sleeve on pipe.
 - Incident under control and turned over to CP and contractors on 3 May.
- **25 April 2018 - Local, State, and Federal action on a commercial facility in Brunswick County:**
 - A warrant was served on the property owner for improper permitting and other intelligence.
 - Numerous chemical containers found on-site.
 - EPA is the lead.
- **15 April 2018 – Severe weather event - Tornado outbreak in the state:**
 - Governor declared a state of emergency.
 - 4 tornadoes touched down within Central Virginia.
 - 34 structures destroyed, 82 structures with major damage, 121 with minor damage, 321 total affected.
 - DEQ and VDEM assisted with HAZMAT and debris.
- **24 March 2018 - Wythe Co - Tractor trailer accident involving 2-ethylhexyl acrylate (weather related):**
 - Approximately 44,000 pounds of ester involved in the accident.
 - Container was off-loaded over a period of 14 hours.

- Significant delays due to snow storm.
- **27 January 2018 - Pittsylvania County:**
 - Local and state response to citizen complaint of chemical odor coming from abandoned trailers in a field.
 - On scene discovered two trailers with some minor leaking.
 - Doors were welded shut; had to cut to access.
 - Discovered 290 55-gallon drums containing various chemicals,
 - Owner of trailers was a chemist who previously worked at a textile facility and was in charge of the dyeing process. He purchased the chemicals when the facility closed with intentions of opening another facility or selling the products. They have been stored in the field for at least 15 years.
 - Called in EPA (Myles Bartos) for assistance,
 - EPA contractor assisted with sampling,
 - Site stable, awaiting sampling results at this time,
 - Owner is in FL; currently complying with authorities,
- **15 January 2018 - NS train derailment in the Pembroke area of Giles County:**
 - 8 cars derailed adjacent to the New River.
 - 1 HAZMAT car (Soybean Oil).
 - Incident was contained and remediated with no contamination of state waters.
- **18 November 2017 - Wise County – Norfolk Southern Train derailment:**
 - 54-car train containing coal derailed.
 - Coal into creek.
 - Limited access to one community and repeated damage to a town's water supply due to excavation activities.

C. Training and Readiness Highlights:

- One pollution response coordinator completed the Science of Oil Spill Class in DE.
- One pollution response coordinator completed her Emergency Management certification.
- Two pollution response staff completed the L0101 Emergency Management Basic Academy.
- Two pollution response staff completed the FEMA Courses:
 - On Scene Crisis Leadership and Decision making for Hazardous Materials Incidents.
 - Building Whole Community Engagement Through LEPCs.
- VDEM Advanced Hazmat Training:
 - Hazmat technician – 54.
 - Hazmat Chemistry – 31.
 - Advanced Tactical Control – 46.

D. Exercises:

- DEQ and VDEM response participated in VESTEX 2018:
 - Category 4 hurricane through Hampton Roads, up the Chesapeake Bay and across the National Capital Region.
 - Significant play for all ESFs.

- Exhausted state resources.
- Practiced procedures for using Statewide Mutual Aid (SMA), Emergency Management Assistant Compact (EMAC), and requesting Federal assistance.
- VDEM supported the Vigilant Guard.
- DEQ and VDEM will participate in an exercise with King William County and the federally-recognized Pamunkey Tribe on 16 May 2018. We will be able to brief the RRT on this exercise at the meeting.

E. Other Highlights:

- Virginia has its 73rd Governor, Gov. Ralph Northam:
 - Grew up on the Eastern Shore, very environmentally conscious.
 - Dave Paylor has been re-appointed as the Director of DEQ.
- Dr. Jeff Stern reappointed as State Coordinator of Emergency Management.
- DEQ celebrated its 25th year.

F. Future Events/Meetings:

- Virginia Hazardous Materials Conference, September 10-14, Norfolk Virginia;
www.vahazmat.org

West Virginia Department of Environmental Protection (WVDEP) Report-Out

A. Activations / Notifications (from NRC Reports):

	1 Nov 2017 – 30 Apr 2018
Pollution Reports	937
Federalized Cases	0
Criminal Cases	0

B. Notable Cases:

- 19 Dec 2017 – (NRC # 1200070) Discovery of radioactive material and other laboratory chemicals in a residence; Community impacts.
- 10 Jan 2018 – (NRC # 1201483) Sinking Motor Vessel - Release of pollutants potentially impacting drinking water intake two miles downstream.
- 6 Mar 2018 – (NRC # 1205979) Sinking privately owned sternwheeler vessels - Release of fuel impacting the Ohio River.

C. Training & Readiness Highlights: None to report.

D. Exercises: None to report.

E. Other Highlights: None to report.

F. Future Events / Meetings: None to report.

Department of Commerce / National Oceanic and Atmospheric Administration (NOAA)

A. Activations / Notifications (from NRC Reports): None reported.

B. Notable Cases: None reported.

C. Training & Readiness Highlights:

- **ERMA Training** – All four USCG Sectors (Delaware Bay, Maryland-NCR, Hampton Roads, and North Carolina) in District 5 have received Environmental Response Management Application (ERMA) training from NOAA.
- **SCAT Training** – USCG D5 and NOAA plan to co-host a Shoreline Clean-up Assessment Technique (SCAT) class September 11-13 at the USFWS Refuge, Chincoteague, VA. For further information, contact Dave Pugh and/or Frank Csulak.
- **Maryland Marine Debris Emergency Response Workshop** – NOAA’s Marine Debris Program is in the process of scheduling a Maryland Marine Debris Emergency Workshop. The purpose of this document is to improve preparedness for response and recovery operations following an acute waterway debris incident in Maryland. This document outlines existing response structures at the local, state, and federal levels to facilitate a coordinated, well-managed, and immediate response to waterway debris incidents affecting coastal areas in the State of Maryland.

A product of the workshop will be a Comprehensive Guidance Document that will serve as a complete reference for a Maryland incident waterway debris response. Along with the Guidance Document, there will be an accompanying Field Reference Guide that will include the most pertinent information for quick reference in the field and during emergency response operations.

- **Science of Oil Spills Course** – NOAA hosted a Science of Oil Spills course April 9-13, 2018 at the State of Delaware’s Shoreline & Waterways Services Facility, Lewes, Delaware. The class covered a wide range of oil spill response topics and included a field trip to Cape Henlopen State Park, an oiled wildlife cleaning simulation activity with the Tri-State Bird Rescue and Research Center, and a hands-on activity with the response equipment for the Delaware Bay and River Cooperative.

The 42 class participants included representatives from the U.S. USCG, other federal, tribal, and state agencies; local government; and industry. The last SOS class for fiscal year 2018 will be held in Seattle, WA, during the week of June 11, 2018.

- **Mid-Atlantic Sea Grant Workshop** – On March 27-29, Sea Grant held their Mid-Atlantic Regional Workshop in Corolla, North Carolina. As part of the program, Frank Csulak, one of NOAA’s Scientific Support Coordinators, educated the Sea Grant members about NOAA’s role in spill response, identifying the basic risks associated with oil spills, explaining how an emergency response organization is structured, describing the key players and their respective roles, and providing a review of basic emergency response techniques. Following the presentation, Mr. Csulak facilitated a discussion focusing on partnerships and identifying roles that Sea Grant can possibly fill during a response, such as increasing community resiliency. Approximately 30 Sea Grant members from the States of North Carolina, New Jersey, New York, Virginia, Maryland, Pennsylvania, Delaware, and a number of other

organizations such as Old Dominion University, William & Mary Law School, and Rutgers attended the 3-day workshop.

- **2018 Effects of Oil On Wildlife Conference** – NOAA attended the 2018 EOW Conference, May 7-11, 2018 in Baltimore, MD.
- **National Response Team (NRT) Committee Participation** – Region 3 NOAA personnel are members and regularly participate in the NRT's Preparedness Committee/ Training Subcommittee and the Response Committee/National Environmental Compliance Subcommittees. The Preparedness Committee promotes enhanced preparedness capabilities at the national, regional, state, and local levels for oil and hazardous materials spills. The Response Committee provides a forum for the NRT to assess the effectiveness of oil spill and hazardous substance incident reporting and response mechanisms established by the NCP, to provide a feedback loop to On-Scene Coordinator's (OSCs) and RRTs regarding their reports of response actions and to make recommendations to all levels regarding improvements to the response system.
- **Science Communications** – Region 3 NOAA personnel have participated in several Science Communications efforts for the National Academy of Science Health and Medicine Division and the Gulf Research Program offices and the State University of New York System.
- **National Pollution Funds Center (NPFC)-NOAA Training** – Region 3 NOAA personnel participated in this training.

D. Exercises:

- **FEMA's 2018 National Level Exercise** – The USCG District 5 and partner agencies participated in FEMA's 2018 National Level Exercise that was held May 3 through May 9. NOAA's SSC also participated in the hurricane-based exercise along with Sectors from across USCG District 5.

The goal of the training event was to prepare the USCG and its partners in the Mid-Atlantic Area to respond to hurricanes affecting the region. Sectors exercised their contingency plans, including evacuation procedures, incident management system, and continuity of operations.

The exercise scenario simulated a major hurricane making landfall near Hampton Roads, and traveling up the coast to hit Washington, D.C. and vital east coast ports. USCG Sectors practiced evacuation procedures, resource management, personnel accountability, and continuity of operations plans. They were also involved in concurrent exercises, including the National Guard's Vigilant Guard, NORTHCOM's Ardent Sentry, and U.S. Fleet Forces Command's Citadel Gale.

E. Other Highlights:

- **Endangered Species Matrices** – All four USCG Sectors (Delaware Bay, Maryland NCR, Hampton Roads and North Carolina) in District 5 have received the Oil Spill Response Options and Potential Impacts to Protected Species Endangered Species Matrix from the NOAA SSC.

In January 2017, the NRT National Environmental Compliance (NEC) Subcommittee developed a Response Action Matrix to aid in Endangered Species Act (ESA) Section 7

consultations. The goal of the Response Action Matrix was to help build a common understanding between the action agencies (USCG and EPA) and the Services (NMFS and USFWS) of the proposed spill response activities (actions that are authorized, directed or carried out) and their potential impacts on threatened and endangered species and critical habitat. The matrix attempts to deconstruct the activities in order to more effectively identify and evaluate their potential impacts.

Developed mainly for use in pre-spill ESA Section 7 discussions at the Regional Response Team (RRT) level, the matrix was designed to improve coordination and consistency to better achieve timely, efficient, and effective compliance with the ESA. Action agencies should work with their regional ESA Section 7 personnel from NMFS and USFWS to identify and continue to vet the threatened and endangered species and critical habitat specific to the defined geographic area in consultation. The response activities in the matrix may be modified as necessary, depending on the activities and protocols specific to the region. The matrix may also be used to inform or facilitate emergency ESA Section 7 consultation.

Following the Subcommittees release of the national ESA matrix, the NOAA SSC modified the national matrix into four separate matrices to address specifically the NOAA ESA species that could be located in their respective AORs and to be more user-friendly.

- **Tri-State Bird Rescue and Research Workshop** – Tri-State Bird Rescue and Research is a nonprofit conservation organization dedicated to indigenous wild bird rehabilitation, especially rehabilitation efforts related to oil spills. In February 2018, this year, Dave Pugh, USCG D5, arranged for a demonstration on how the organization cleans oiled birds during a tour of their Oiled Wildlife Response Annex located in Newark, Delaware.

Since its founding, the nonprofit has made great strides in the specialized fields of oiled wildlife responses and wildlife rehabilitation and has earned an international reputation, working together with industry, government agencies, colleagues, and a dedicated community of volunteers. Tri-State has been responding to oil spills for more than 40 years and has provided oiled wildlife support for such incidents as the M/V *Treasure* in South Africa, the mystery spill in San Mateo, California, discovered to be caused by the [S/S Jacob Luckenbach](#) in California, the [Athos I](#) oil spill on the Delaware River, and [Deepwater Horizon](#).

The organization's Wild Bird Clinic is one of the largest of its type in the United States, and handles the rehabilitation of birds, not only from the region, but also from elsewhere within the United States, with the aim of eventual release to the wild. The facility operates under federal and multiple state permits, and is staffed by both veterinary staff and volunteers. This clinic handles more than 2 thousand birds annually and is currently housed within the [Frink Center for Wildlife](#). In addition to oil spill response and bird rehabilitation, the staff and organization also publish papers and journals, and provide workshops and training for affiliate and local personnel from other organizations and agencies elsewhere. Made up of experienced wildlife veterinarians, biologists, and oil spill response personnel with extensive response experience and rehabilitation skills, Tri-State's Oil Spill Response team is on call 24/7 to help oiled wildlife along the Delaware River, across the United States, and internationally.

In 2014, Tri-State opened a new building that is beyond the current state-of-the-art. The nearly 10,000-square-foot Wildlife Response Annex “will allow wildlife cleaning and treatment on an unprecedented scale,” said Danene Birtell, Oil Spill Response Coordinator. “It also has space to train responders, veterinarians and other rescue partners – and isolate sickened wildlife if necessary.” With the exception of sea mammals and sea turtles, the Annex is able to handle all kinds of birds and other wildlife from anywhere within a 5-hour drive according to Ms. Birtell.

The annex offers many special features to meet the needs of oiled wildlife and contains a full medical facility, in addition to the wash and office areas. The plumbing was designed to provide the consistent water pressure and temperature that the washing process requires. The entire floor of the wash area is grated with a drainage system below it. From the drainage system, water is directed into underground waste tanks for removal.

As part of the tour, Tri-State veterinarians provided a first-hand demonstration of the process for cleaning oiled wildlife using a deceased Northern Gannet, one of the largest diving seabirds that lives in the North Atlantic. During the washing process, Tri-State uses varying concentrations of dish detergent based on the sensitivity of the species and degree of oiling to remove oil from wildlife. Once the patient has been washed to remove contaminants, it is moved to the rinse area to remove all remaining residue from the wash process so that the animal’s waterproofing can be restored. The rinse area, like the wash area, features grated floors with a drainage system. When patients arrive, they are brought into the medical treatment room for a full examination and initial stabilization treatments. After the patient has been washed and rinsed, it is then placed in the drying room adjacent to the rinse area. The flexible design of the room allows the staff to set up different types of dryers to meet each patient’s needs. The annex also contains a pathology lab where blood samples can be analyzed and necropsies performed. Close to the medical areas, a full kitchen and walk-in refrigerator/freezer unit complete the treatment and rehabilitation areas of the annex.

Tri-State Bird Rescue & Research Inc. is located at 110 Possum Hollow Road, Newark, Delaware. For more information about [Tri-State Bird Rescue & Research Inc.](http://www.tristatebird.org), visit www.tristatebird.org.

F. Future Events / Meetings:

- **19-21 June 2018 - Science of Coastal Natural Hazards Course Announcement** – NOAA’s Gulf of Mexico Disaster Response Center (DRC) is currently accepting applications for the "Science of Coastal Natural Hazards" Course on June 19-21, 2018, in Mobile, Alabama. The goal of the course is to enhance understanding of the risks, physical processes, and NOAA products and services related to coastal natural disasters available to improve decision making and planning in the Southeast, Gulf and Caribbean Regions.

During the course, participants can expect to learn about physical processes associated with each disaster type, information and tools necessary to improve on the job decision making and planning for coastal natural disasters, and NOAA’s role during the evolution of a response from preparedness to response and long-term recovery. Additionally, the course provides a unique opportunity to network with other response professionals across various levels of government and industry.

To register for the class, please complete the form available from the following site: <https://goo.gl/forms/uPimXlmRoUHiFCiJ3>. The application deadline is Friday, **May 25, 2018**. Applicants will be notified via email regarding their participation status no later than Friday, June 1, 2018. Some applicants may have trouble accessing the application form from their workstations. If that occurs, please consider registering from a personal device (home computer, smartphone, etc.). Applicants may also contact the Disaster Preparedness Program training coordinator, JD Hoyle, at jamechia.hoyle@noaa.gov for more information.

- **11 June 2018 - Science of Oil Spills Course** – NOAA will host a Science of Oil Spills course June 11, 2018 in Seattle, WA. Classroom exercises will demonstrate how viscosity, temperature, sediment permeability and porosity influence oil behavior on shorelines, and how oil disorders feather structure, impairing waterproofing and insulating properties. In addition to these exercises, students will learn about the fate and behavior of oil spilled in the environment, oil chemistry and toxicity, how to use Environmental Sensitivity Index (ESI) maps, and gain insight into the complexity of environmental trade-offs associated with response options and cleanup endpoints. Finally, lecturers will provide information on the history of oil spills, the Endangered Species Act and Historic Preservation Act consultation process, and special considerations for community health and well-being following an oil-spill. The class participants may include representatives from the U.S. USCG; other federal, tribal, and state agencies; local government; and industry.
- **6 September 2018 - Joint USCG TTX** – Sectors Delaware Bay and Maryland NCR will be conducting a joint tabletop exercise involving an oil spill resulting from an offshore lightering operation. Details TBD.

Department of Interior (DOI) Report-Out

A. Activations / Notifications (from NRC Reports): Not reported.

B. Notable Cases:

- **White's Creek Oil Spill, Wayne Co., WV** – 10/17/17; REO Philadelphia worked with DOI bureaus on a 1-15 barrel release of oil/brine mixture into White's Creek, WV. DOI provided coordination with EPA, including sending an IPaC report on potential species that could be affected by the spill. It was ultimately determined there were no DOI resources to be affected by the release.
- **National Park Service (NPS) C&O Canal Oil Spill** – On Tuesday, December 19, Washington County, MD, 911 Center notified the NRCC that a tractor trailer accident on I-70 caused an oil spill estimated at 1000 gallons of motor oil into the NPS C&O Canal. A HAZMAT Team, MD State Police, and MD SHA worked with NPS staff on-site throughout the day. The tanker ruptured near a culvert in the median and approximately 3,000 gallons of motor oil was spilled. About 200 yards of the park's canal prism was impacted. Cleanup required removal of water, sediment, and organic material. DOI did not receive an NRC report for the spill and was not notified by NPS. DOI was notified that day by EPA, then followed up with NPS. NPS was handling the response through local park staff and no further action was required by DOI.
- **Gate City UTV Big Sandy River** – On January 12, DOI received a call from a NOAA Scientific Support Coordinator, who provided an update on a reported sunken vessel and sheen incident previously reported through the NRCC. A sunken UTV had reported sheening and later an additional unverified report of a fish kill was provided to a response entity, possibly Kentucky Department of Environmental Protection. REO provided notification to FWS, because reports indicated the possibility of endangered mussels in the vicinity of the release; FWS made an internal determination on the pursuit of sampling/Natural Resource Damage Assessment. At the request of the Coast Guard Commander/Federal On-Scene Coordinator, REO Philadelphia contacted the WV State Historic Preservation Office and FWS regional oil spill coordinator to support proper documentation by the Coast Guard of federal consultation under Section 106 of the National Historic Preservation Act and Section 7 of the Endangered Species Act.
- **Philadelphia Warehouse Fire near Cobbs Creek, PA** – 2/23/18; DOI received information from USCG regarding a fish kill in Cobbs Creek. Run-off from a nearby warehouse fire entered the stream, which is a tributary to Darby Creek and is located near John Heinz National Wildlife Refuge. DOI provided information to the FWS, which provided additional information on an assessment conducted at the refuge and reported that no impacts to DOI resources were identified at the time.

C. Training & Readiness Highlights:

- **Federal, State/Commonwealth, and Local Planning and Coordination Efforts** – DOI has prepared a Draft Inland Endangered Species Act Matrix Screening Tool, which streamlines the ESA consultation process, and the FWS IPAC update, which streamlines the Incident Action Plan process for incorporating best management practices to protect federal threatened and endangered species. DOI hopes to work with EPA, FWS, and other interested stakeholders and partners over the summer to complete the Inland portion of RRT 3 and finalize the matrix for the region.
- **M-Opinion:** FWS has issued an interpretation of the Migratory Bird Treaty Act (MBTA) that “the take of birds resulting from an activity is not prohibited by the MBTA when the underlying purpose of the activity is not to take birds.” The opinion is publicly available at: <https://www.doi.gov/sites/doi.gov/files/uploads/m-37050.pdf>.

D. Exercises:

- DOI participated in the 2018 National Level Exercise Hurricane Cora, including an oil spill and wildlife operations response inject.

E. Other Highlights:

- **Best Practices and Lessons Learned** – USGS held a Science Support for Spill Fate and Behavior meeting in Madison, WI, to share projects and initiatives, some of which will be of interest for future RRT presentations, including the following:
 - Streamstats application (USGS Streamstats).
 - WiM/Streamstats applications (USGS Web Informatics and Mapping).
 - NOAA fate and behavior models (NOAA Response/restoration).
 - ICWater spill models (LEIDOS).
 - Ohio River Valley ORSANCO time of travel application (ORSANCO).
 - Groundwater plumes (USGS Bemidji research lab).
 - Karst environments, spill tracking (USGS).
 - EPA laboratory/modeling (EPA National Risk Management Research Laboratory).
 - Lab experiments and modeling for oil particle aggregates (USGS).
 - Bakken science needs (FWS).
 - Bakken/Williston Basin studies (USGS SD WSC).
 - Upper Mississippi River Basin planning (USGS UMESC).
 - Mississippi River Issues (NOAA).
 - Great Lakes ESI updates (NOAA).

F. Future Events / Meetings:

- DOI is hosting two DOI Inland Oil Spill Training Classes and has seats remaining in Hadley, MA, June 18-22 and Denver, CO, May 21-25. Please contact Lindy Nelson at Lindy_Nelson@ios.doi.gov if you have potential students for this class.

Department of Labor (DOL) / Occupational Safety & Health Administration (OSHA) Report-Out

A. Activations / Notifications (from NRC Reports): None reported.

B. Notable Cases: None reported.

C. Training & Readiness Highlights:

- OSHA will be participating in and is coordinating a Chemical Safety Security & Transportation Workshop to be held August 15, 2018 at Northampton Community College in Bethlehem, PA. This free workshop is divided into two portions: regulatory and implementation. For the regulatory portion, agency experts will present what employers are required to do to keep employees and the community safe. The implementation portion will feature a table top demonstration that will “connect the dots” on regulations and best practices. Participating agencies include DHS, OSHA, EPA, ATF, USCG, FBI, DOT, PEMA, and PA DEP.

D. Exercises: None reported.

E. Other Highlights: None reported.

F. Future Events / Meetings: None reported.

LIST OF ACRONYMS

AC	Atlantic Coast
AO	Office of the Administrator
AOR	Area of Responsibility
ATF	Bureau of Alcohol Tobacco, Firearms, and Explosives
CDR	commander
COP	Common Operating Practice
COTP	Captain of the Port
CPN	Chart Plotter Navigation
DE	Delaware
DEMA	Delaware Emergency Management Agency
DHS	Department of Homeland Security
DOI	Department of the Interior
DOL	Department of Labor
DOT	Department of Transportation
DRC	Disaster Response Center
EMAC	Emergency Management Assistant Compact
EOC	Emergency Operations Center
EOD	Explosive Ordnance Disposal
EOW	Effects of Oil on Wildlife
EPA	U.S. Environmental protection Agency
ERMA	Environmental Response Management Application
ESA	Ecological Society of America
ESA	Endangered Species Act
ESI	Environmental Sensitivity Index
FBI	Federal Bureau of Investigation
FEMA	Federal Emergency Management Agency
FOSCR	Federal On-Scene Coordinator Representative
FPN	Federal Project Number
Ft.	fort
FWS	Fish and Wildlife Service
FY	fiscal year
GIUE	Government Initiated Unannounced Exercises
GRP	Geographic Response Plans
GRS	Geographic Response Strategies
HAZMAT	hazardous materials
HMO	Hydrous Manganese Oxide
IPaC	Information for Planning and Consultation
LEPC	Local Emergency Planning Committee
LPG	Liquefied Petroleum Gas
MBTA	Migratory Bird Treaty Act
MD	Maryland
MDE	Maryland Department of the Environment
MSD	Marine Safety Detachment
MSU	Marine Safety Unit
NC	North Carolina
NCR	National Capitol Region

NEC	National Environmental Compliance
NJOEM	New Jersey Office of Emergency Management
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NPFC	National Pollution Funds Center
NPREP	National Preparedness for Response Exercise Program
NPS	National Park Service
NRC	National Response Center
NRCC	National Research Council of Canada
NRT	National Response Team
NS	Norfolk Southern
ORSANCO	Ohio River Valley Sanitation Commission
OSC	On-Scene Coordinator
OSHA	Occupational Safety and Health Administration
PA DEP	Pennsylvania Department of Environmental Protection
PRD	Pesticide Reevaluation Division
REO	Regional Environmental Officer
RP	Regional Practices
RRT	Regional Response Team
SCAT	Shoreline Clean-up Assessment Technique
SD WSC	South Dakota Water Science Center
SDB	Sector Delaware Bay
SMA	Statewide Mutual Aid
SME	Subject Matter Expert
SOS	Science of Spills
SSC	Scientific Support Coordinator
TBD	to be determined
TRPRC	Three Rivers Pollution Response Council
UMESC	Upper Midwest Environmental Science Center
USCG	United States Coast Guard
USFWS	U.S. Fish and Wildlife Service
UTV	Utility Vehicle
VA	Virginia
VDEM	Department of Emergency Management
VDEQ	Virginia Department of Environmental Quality
WA	Washington
WCD	worst-case discharge
WSC	Water Systems Council
WV	West Virginia
WVDEP	West Virginia Department of Environmental Protection