

Regional Response Team (RRT) Annual Report

Region:	Region 3	Calendar Year:	1 January – 31 December, 2018
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A. Annual Meetings

	Dates	Location	# of Attendees	Website for presentations
1.	22-24 May 2018	Solomons Island, Maryland	95	https://www.nrt.org/meetings2018
2.	27-29 Nov 2018	Charlottesville, Virginia	91	https://www.nrt.org/meetings2018

B. Activations / Notifications

1.	Dates:	7 Dec 2018	Event:	Mystery Spill between Pier (FPN 19001), Patapsco River, Baltimore, MD	ACT	NOT
	Issue / Concern:	Sector Maryland-National Capital Region (MD-NCR) received a report of a discharge of home heating oil from an outfall located between Pier 4 and 5 of Baltimore's Inner Harbor. A total of 150 gallons was estimated to have been discharged.				
	Agencies Involved:	Sector MD-NCR, Maryland Department of the Environment (MDE)				
	Decisions Made:	Incident Management Division (IMD) opened the Oil Spill Liability Trust Fund (OSLTF) and hired Miller Environmental to conduct oil recovery operations in between the piers. Utilizing sorbents, 37 drums of soiled oily waste was disposed.				
2.	Dates:	29 Nov 2018	Event:	Water Emergency in Louisa, VA	ACT	NOT
	Issue / Concern:	Responded to an alleged natural gas leak which was detected inside the water lines within the City of Louisa. Air monitoring equipment showed elevated levels of flammable gases within the water lines of some businesses and a fire hydrant.				
	Agencies Involved:	USEPA, Virginia Department of Emergency Management (VDEM), Louisa County officials, and local emergency responders				
	Decisions Made:	Local officials evacuated approximately 1/2 mile from the area where the gas was detected. Lines were flushed and as time progressed, additional testing showed the levels were decreasing and conditions had improved. The evacuation order was lifted approximately 4 hours later; however, water in the area was not immediately cleared for use. The Water Authority completed a full system flush and the water plant has been restarted for a system recharge. The Virginia Department of Health (VDH) worked with the Water authority to review results and remove the "Do Not Use" order.				
3.	Dates:	13 Nov 2018	Event:	Petersburg Train Derailment, VA	ACT	NOT
	Issue / Concern:	A Norfolk Southern train derailed two (2) engines and 14 intermodal container cars. Three (3) of the cars were carrying HAZMATS which leaked two materials: glutaraldehyde and 3-phenylpropan-1-OL.				
	Agencies Involved:	Virginia Department of Environmental Quality (VDEQ)				
	Decisions Made:	No environmental impacts resulted from the spills. There were no fuel spills from the derailed engines. Contaminated soils were excavated and taken to a landfill.				

4.	Dates:	13 Nov 2018	Event:	Dead Oiled Dolphin Found in Cape Charles, VA	ACT	NOT	
	Issue / Concern:	Staff from the Virginia Aquarium and Marine Sciences Center found a dead, oiled dolphin on the shoreline of Cape Charles, Virginia. The dolphin did not die from the oil. No evidence of recent ingestion (clear oral cavity and esophagus). Blowhole appeared clean. Pus present in atlanto-occipital joint and systemic lymphoid hyperplasia with severely enlarged/hyperplastic pulmonary and gastrohepatic lymph nodes. Very large spleen. No bile or urine present for sampling.					
	Agencies Involved:	NOAA, Virginia Aquarium and Marine Sciences Center, USCG Sector Hampton Roads (HR), State of Virginia					
	Decisions Made:	Oil samples were provided to USCG Central Oil Identification Laboratory (COIL) Laboratory, New Groton, CT., tissue samples provided to Virginia Aquarium and NOAA's NMFS. CDR Peggy Britton, USCG, Sector Hampton Roads is exploring capability of identifying a responsible party.					
5.	Dates:	10 Nov 2018	Event:	Sinking Unregister Vessel, Willoughby Harbor, VA	ACT	NOT	
	Issue / Concern:	An unregistered vessel sank in Willoughby Harbor Marina due to unknown causes. The owner was contacted and was unable to mitigate the threat to the environment.					
	Agencies Involved:	Sector HR					
	Decisions Made:	Accurate Marine Environmental was contracted to asses and remove all fuel and oily residue from the vessel. 25 gallons of gasoline and oily residue were removed from the vessel.					
6.	Dates:	5 Nov 2018	Event:	Naphthenic Oil Spill, Patrick County, VA	ACT	NOT	
	Issue / Concern:	Tractor-trailer hauling 6,000 gallons of CALSOL 875 overturned on US-58. Reported 2,000 gallons of oil released into a ditch line in a cow pasture that fed into the north fork of the Mayo River.					
	Agencies Involved:	VDEQ, VDEM					
	Decisions Made:	VDEQ worked with VDEM, the environmental contractor hired by the Responsible Party (RP), and local response agencies to recover approximately 5,100 gallons of oil before up righting the tanker. The contractor was able to quickly deploy defensive measures to contain the oil within 300' of the spill. Remediation at the site continues.					
7.	Dates:	2 Nov 2018	Event:	MV OCEAN SPRAY (FPN 19002), Patapsco River, Baltimore, MD	ACT	NOT	
	Issue / Concern:	Sector MD-NCR received a report of two individuals trapped onboard a disabled former Canadian Coast Guard Icebreaking harbor tug, requesting assistance. The Vessel owners had been disabled for 24 hours prior to requesting assistance; and due to the falling temperatures and increasingly rough sea conditions, asked to be removed from their vessel. Boarding team members from Station Curtis Bay came to assist; however, they observed substantial water ingress into the engine room; where they also observed oil and fuel build up within the bilge. The owner utilized a portable generator to energize a bilge pump, which kept pace with the water ingress.					
	Agencies Involved:	Sector MD-NCR					
	Decisions Made:	Due to the limited fuel capacity of the portable pump, the lack of personnel onboard to monitor for stoppages or blockage, and the high rate of water ingress; Sector MD-NCR determined a substantial threat of potential discharge, and opened the OSLTF to place containment boom around the vessel. The vessel owner returned to the vessel the following afternoon, utilized commercial salvage companies to tow the vessel to an area marina, and Sector MDN-NCR closed the case with no discharge observed.					
8.	Dates:	29 Oct 2018	Event:	Morgantown WV 18-177	ACT	NOT	
	Issue / Concern:	Diesel spill in trout stream, White Day Creek.					
	Agencies Involved:	West Virginia Department of Environmental Protection (WVDEP)					
	Decisions Made:	WVDEP responded and applied absorbents and underflow dam. WVDEP identified RP during response.					

9.	Dates:	29 Oct 2018	Event:	Southern WV 18-134	ACT		NOT	
	Issue / Concern:	Mercury Spill of approximately 6oz of mercury; homeowner attempted to clean up.						
	Agencies Involved:	WVDEP						
	Decisions Made:	Primary concern – occupant exposure.						
10.	Dates:	24 Oct 2018	Event:	Bouchard Barge B No 215	ACT		NOT	
	Issue / Concern:	Sector HR IMD team responded to an asphalt discharge from the Barge B No 215. An estimated 6 to 8 barrels of asphalt was discharged into the waterway and cleanup operations were conducted by HEPACO.						
	Agencies Involved:	Sector HR						
	Decisions Made:	A Civil penalty case package was developed and submitted to the USCG hearing office on 26 Sep 2018 with a proposed penalty of 24,000 dollars for 03 violations which included an oil discharge, failure to secure transfer after a discharge, and failure to report.						
11.	Dates:	12 Oct 2018	Event:	Storm Impact to Pamunkey Tribe in VA	ACT		NOT	
	Issue / Concern:	Storm Impact to Pamunkey Tribe lands						
	Agencies Involved:	DOI, BIA, USDA, APHIS, FEMA Region 3, state and local responders						
	Decisions Made:	REO coordinated with Bureau of Indian Affairs (BIA), United States Department of Agriculture (USDA) Animal and Plant Inspection Service (APHIS), ESF-11 Coordinator for FEMA Region 3 (Mid-Atlantic), and state and local responders to relay impacts and needs such as closed access routes and debris removal on the Pamunkey Tribe lands in Virginia following the pass through of Hurricane Michael (then a storm). A local fire department assisted the tribe with removing trees and opening up roads.						
12.	Dates:	11-14 Oct 2018	Event:	Household Hazardous Waste, Salem, VA	ACT		NOT	
	Issue / Concern:	Sixty-four units in the Riverwalk Apartment complex were flooded during Hurricane Michael. In Salem, 64 residential apartments were flooded from a depth of 14” to almost 10’. In Danville, significant flooding resulted in moderate damage to infrastructure.						
	Agencies Involved:	VDEQ, VDEM, Roanoke Valley Regional HAZMAT						
	Decisions Made:	VDEQ staff assisted VDEM HAZMAT Officers and the Roanoke Valley Regional HAZMAT Team with segregation and disposal of household hazardous waste. The Virginia Environmental Emergency Response Fund (VEERF) was utilized to fund the containment and disposal of hazardous waste.						
13.	Dates:	2 Oct 2018	Event:	FV SEA LION (FPN 19001), Patapsco River, Baltimore, MD	ACT		NOT	
	Issue / Concern:	Sector MD-NCR received a report of a partially sunken commercial fishing vessel, located in Stoney Creek, Pasadena MD. Vessel had a potential capacity of 700 Gallons of diesel onboard; however, the majority of the fuel was contained within the flooded portions of the hull.						
	Agencies Involved:	Sector MD-NCR						
	Decisions Made:	IMD opened the OSLTF and hired HEPACO to conduct lifting operations on the vessel in order to recover the fuel. Utilizing sorbents and a vacuum truck, HEPACO collected 341 gallons of diesel, 500 gallons oily water mixture and 11 drums of soiled sorbents.						

14.	Dates:	1 Oct 2018	Event:	Latex Polymer Spill I-95/I-85 Interchange Petersburg, VA	ACT	NOT
	Issue / Concern:	A truck hauling a liquid latex concrete additive overturned on the I-95 on-ramp spilling the additive on the ground surface.				
	Agencies Involved:	VDEQ				
	Decisions Made:	A large rain event shortly after the accident, as well as traffic tracking the material, caused the material to spread across a large area of the roadway, into the nearby soils, and into several storm water drop inlets. Due to the location and the material's reaction to water, the cleanup operation was lengthy and challenging.				
15.	Dates:	24 Sep 2018	Event:	Philippi WV 18-165	ACT	NOT
	Issue / Concern:	Abandoned mine property with old transformers; copper theft caused transformer oil spill.				
	Agencies Involved:	WVDEP				
	Decisions Made:	WVDEP applied absorbent materials and collected samples. WVDEP Environmental Enforcement and WVDEP Abandoned Mine Lands took agency lead. Initial concern – potential offsite migration of polychlorinated biphenyl (PCB) transformer oil. No initial action taken by RP.				
16.	Dates:	12-19 Sep 2018	Event:	Hurricane Florence (DPN 18005), Multiple States	ACT	NOT
	Issue / Concern:	Hurricane Florence impacts on East Coast				
	Agencies Involved:	FEMA, NOAA, USEPA, USCG Sector MD-NCR				
	Decisions Made:	From 12-16 September; Sector MD-NCR stood up a modified Incident Management Team to monitor the potential impact of Hurricane Florence to the Maryland and Washington DC area. Hurricane track uncertainty led to the USCG assuming protection actions from South Carolina to Delaware. On 19 September 2018, FEMA ESF-10 mission assignment tasking took effect and a pollution task force was established to coordinate federal and state agency response to actual or potential oil spills or hazardous material releases resulting from Hurricane Florence in specified FEMA designated North Carolina counties. Partnering ESF-10 agencies included the USCG, NOAA, and USEPA.				
17.	Dates:	30 Aug 2018	Event:	Poca WV 18-151	ACT	NOT
	Issue / Concern:	Unknown sheen on Kanawha River. The original estimate was two miles in length.				
	Agencies Involved:	WVDEP				
	Decisions Made:	WVDEP identified the location where it entered the river. Boomed to contain and collect. No RP identified.				
18.	Dates:	27 Aug 2018	Event:	Hampton City Vessel Fire, VA	ACT	NOT
	Issue / Concern:	Vessel fire at local marina involving the release of approximately 400 gallons of petroleum fuel into Sunset Creek/Hampton River.				
	Agencies Involved:	VDEM				
	Decisions Made:	Sorbent boom and firefighting foam were deployed to prevent spread of fuel to adjacent piers and vessels. Adjacent business potentially impacted was a custom yacht building facility housing 70 vessels in water.				
19.	Dates:	26 Aug 2018	Event:	Rock Hall Harbor (FPN 18015), Chesapeake Bay, Rock Hall, MD	ACT	NOT
	Issue / Concern:	Sector MD-NCR received a report of a large sheen within the Rock Hall Harbor, located on the Eastern Shore of the Chesapeake Bay. The marina experienced a large sheen covering the majority of the harbor, as well as locations with weathered and emulsified diesel product.				
	Agencies Involved:	Sector MD-NCR, MDE				
	Decisions Made:	A joint investigation with MDE was unable to identify a source for the discharge. Sector MD-NCR IMD hired Miller Environmental group to remove the emulsified product; recovering 11 drums of soiled sorbents and debris.				

20.	Dates:	17 Aug-20 Sep 2018	Event:	Vermillion River Spill	ACT	NOT	
	Issue / Concern:	Sector Buffalo Command Center received a report of a 200 ft long x 50 ft wide rainbow sheen coming from an unknown source from Valley Harbor Marina.					
	Agencies Involved:	Sector Buffalo, USEPA					
	Decisions Made:	It was determined that an abandoned fuel tank and line was the source and that the seepage underground had also started eroding away the asphalt. The area was boomed off and OSROs dug wells to pump out the oil product, and the tank and lines were flushed out. USCG turned over case to USEPA for remainder of remediation.					
21.	Dates:	16 Aug 2018	Event:	James City County Fire, VA	ACT	NOT	
	Issue / Concern:	Fire involving a propane-fired locomotive used at a local amusement park. Approximately 2,000 gallons of liquid propane were loaded on train, as well as storage of approximately 5,000 gallons of liquid propane immediately adjacent to the fire. Fire impinged on ride and park service areas.					
	Agencies Involved:	VDEM					
	Decisions Made:	One area of the park was evacuated as a precaution.					
22.	Dates:	15-17 Aug 2018	Event:	Seneca Lake Flash Flooding	ACT	NOT	
	Issue / Concern:	Flash flooding concentrated around Lodi Point.					
	Agencies Involved:	Seneca County, New York State Department of Environmental Conservation (NYSDEC), USCG Sector Buffalo					
	Decisions Made:	Mission priorities: remediate damage resulting from concentrated rainfall in area. USCG provided assistance to Seneca County remediation efforts: Promulgated safety zone, coordinated AUX Air area survey.					
23.	Dates:	10 Aug 2018	Event:	SV TRIANON (FPN 18012), Chesapeake Bay, Cambridge, MD	ACT	NOT	
	Issue / Concern:	Sector MD-NCR received a report of a sailing vessel, sunk and submerged in 12 feet of water, causing a large sheen within the center of Chesapeake Bay, MD.					
	Agencies Involved:	Sector MD-NCR					
	Decisions Made:	Sector MD-NCR hired Miller Environmental Group to remove two (2) portable fuel tanks and 30 gallons of diesel remaining within the fixed fuel tank was also removed.					
24.	Dates:	9 Aug 2018	Event:	Ravenswood WV 18-132	ACT	NOT	
	Issue / Concern:	Tractor Trailer fire hauling Ulexite Powder.					
	Agencies Involved:	WVDEP					
	Decisions Made:	WVDEP removed cargo and cleared roadway. Concern – Interstate 77 shut down. No action taken by RP.					
25.	Dates:	8-9 Aug 2018	Event:	Brunswick County High School Lab ER, Virginia	ACT	NOT	
	Issue / Concern:	USEPA responded to discovery of old laboratory chemicals improperly stored at a high school and staged in a school bus located in a bus maintenance lot. Chemicals included flammable, poisonous, and reactive compounds.					
	Agencies Involved:	USEPA					
	Decisions Made:	Emergency actions were initiated to properly store the chemicals in advance of the opening of school in early August and to subsequently dispose of the chemicals. The packing and securing activity was conducted on 8-9 August 2018 and the off-site disposal of the chemicals occurred 19 September 2018.					

26.	Dates:	2 Aug 2018	Event:	YP-702 (FPN 18016), Patuxent River, Solomon Island, MD	ACT	NOT	
	Issue / Concern:	Sector MD-NCR received reports that a 108-foot abandoned privately owned vessel, formerly built for and owned by the U.S. Naval Academy, sunk in 14 feet of water in the Patuxent River, located near Naval Air Station Patuxent River. The vessel owner indicated that all machinery, oil, and hazardous materials had been removed from the vessel during the General Services Administration (GSA) auction process; and the vessel was an inert hull. Vessel owners were cited by Maryland Natural Resources Police (MNRP) for abandoning their vessel. On 8 August, the vessel began sheening petroleum products; and Naval Air Station Patuxent River proactively boomed off the vessel to minimize impact to their facilities. On 10 August, the vessel began discharging recoverable quantities of diesel fuel into the containment boom.					
	Agencies Involved:	Sector MD-NCR, Naval Air Station Patuxent River, MNRP					
	Decisions Made:	Sector MD-NCR opened the OSLTF and hired Miller Environmental to conduct cleanup. Sector MD-NCR partially raised the vessel on 06 September to gain access to the fuel tanks; removing 780 gallons of diesel from the installed fuel tanks. However, the vessel remains in place within the Patuxent River. In addition to the product removed from the tank, to date the response has recovered approximately 2,000 gallons of diesel from the containment boom around the vessel. The vessel continues to be boomed and monitored, and gives off sheen events during periods of high tide. Sector MD-NCR submitted a vessel removal/destruction request on 13 Dec 2018. CG-Commandant approved the request on 01 Mar 2018 authorizing removal and destruction of YP-701.					
27.	Dates:	Aug 2018	Event:	Baltimore City Residential Mercury Response	ACT	NOT	
	Issue / Concern:	MDE and USEPA responded to a residential setting to evaluate a large release of mercury inside a home. USEPA START performed site assessment.					
	Agencies Involved:	MDE and USEPA					
	Decisions Made:	RP was identified and hired a cleanup contractor to perform removal action with MDE and USEPA oversight.					
28.	Dates:	16 Jul 2018	Event:	Charlottesville Propylene Glycol Spill, VA	ACT	NOT	
	Issue / Concern:	Approximately 1,700 gallons of 35% propylene glycol/water solution was discharged to a floor drain in a University of Virginia (UVA) building. It was unknown at the time that the drain discharged to a basement sump that pumps and discharges to a stormwater management pond. The discharge resulted in a partial kill of fish in the pond due to low dissolved oxygen (DO) levels.					
	Agencies Involved:	VDEQ					
	Decisions Made:	Remaining fish were relocated. Response measures included the following: increasing aeration of pond water, addition of dechlorinated potable water to the pond and to the pond outfall (to maintain stream flow), and pumping contaminated pond water to the sanitary sewer. DO levels returned to a normal range by 30 July 2018 allowing discharge from the pond outfall to resume.					
29.	Dates:	14 July 2018	Event:	Fish Kill, Lancaster County, PA	ACT	NOT	
	Issue / Concern:	The Regional Environmental Officer (REO) contacted PADEP to inquire about a state notification of a fish kill.					
	Agencies Involved:	PADEP, DOI, USFWS					
	Decisions Made:	PADEP provided quick response that the fish kill was a result of a water diversion; United States Fish and Wildlife Service (USFWS) was notified but did not identify trust resource concerns from the incident.					

30.	Dates:	11 July 2018	Event:	Welch WV 18-107	ACT	NOT	
	Issue / Concern:	Motor vehicle accident involving tractor trailer with diesel spill.					
	Agencies Involved:	VWDEP					
	Decisions Made:	WVDEP excavated petroleum-contaminated soil. Concern – no action taken by RP.					
31.	Dates:	3 July 2018	Event:	Huntington WV 18-104	ACT	NOT	
	Issue / Concern:	Unknown sheen migrating from Huntington, WV storm sewer system to Fourpole Creek. Source was determined to be from the backup generator fuel storage for the landing lights at a local hospital helipad pad.					
	Agencies Involved:	WVDEP					
	Decisions Made:	RP was identified. Concern – waterway contamination.					
32.	Dates:	3 July 2018	Event:	Hampton Fish Dumping, VA	ACT	NOT	
	Issue / Concern:	Dead fish washed up along the beaches of Hampton. The initial report indicated a fish kill and an algal bloom was suspected. It was later confirmed by the Virginia Marine Police to be related to dumping of fish by commercial fishing operations. The significance of the incident was that it occurred the day before the July 4 th holiday.					
	Agencies Involved:	VDEQ, Virginia Marine Police, City of Hampton					
	Decisions Made:	The City of Hampton conducted the beach cleanup.					
33.	Dates:	24 Jun 2018	Event:	Whitehall Creek Drum (CPN C18052), Whitehall Creek, Baltimore, MD	ACT	NOT	
	Issue / Concern:	Sector MD-NCR received a report of a floating unlabeled “mystery” 55 gallon poly drum afloat in Whitehall Creek.					
	Agencies Involved:	Sector MD-NCR					
	Decisions Made:	Sector MD-NCR hired HEPACO, who recovered the drum and completed overpack of the drum materials and completed proper disposal.					
34.	Dates:	19 June 2018	Event:	Darby Creek in Essington, PA	ACT	NOT	
	Issue / Concern:	Multiple reports of sheens in early/mid-June 2018 on Darby Creek in Essington, PA, prompted an investigation of two Sunoco gasoline pipelines that cross under the creek. Both pipelines were isolated and drained of product, and excavations commenced to survey both pipelines.					
	Agencies Involved:	Sector Delaware Bay, USEPA					
	Decisions Made:	Soil sampling of the surrounding area was used to narrow down the potential leak points. Meanwhile, on-water operations focused on booming the affected area to prevent spread of product to the Delaware River or north to the John Heinz National Wildlife Refuge. Sector Delaware Bay was on-scene to supervise response activities and participate in daily briefings from the Sunoco command post. After approximately one week of excavation and pipeline investigation, a leak was discovered on one of the pipelines and repairs commenced. Lead OSC was then transferred to USEPA Region III for on-going site remediation.					
35.	Dates:	5 Jun 2018	Event:	Jones Fall Outfall (FPN 18011), Jones Falls/Patapsco River, Baltimore, MD	ACT	NOT	
	Issue / Concern:	MD-NCR received a report of a large sheen within the Inner Harbor of Baltimore, MD. An investigation with Maryland Department of the Environment (MDE) revealed the source to be emanating from the Jones Falls outfall; and involved a diesel sheen, along with a dark brown film that gave off a strong petroleum odor.					
	Agencies Involved:	Sector MD-NCR, MDE					
	Decisions Made:	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.					

36.	Dates:	3 Jun 2018	Event:	Pleasure Craft (P/C) REEL BENT sank in Chesapeake Bay near Gwynns Island	ACT	NOT	
	Issue / Concern:	P/C REEL BENT sank in the Chesapeake Bay near Gwynns Island due to unknown causes. The owner was unable to salvage the vessel and was unable to mitigate the threat of pollution to the environment.					
	Agencies Involved:	Sector Hampton Roads					
	Decisions Made:	Sector Hampton Roads personnel accessed the OSLTF for \$40,000 to assess and remove all fuel and residue from the vessel. Six gallons of oily waste and diesel were removed from the vessel.					
37.	Dates:	18 May 2018	Event:	Luck Stone Powhatan Quarry, VA	ACT	NOT	
	Issue / Concern:	The quarry experienced a wall breach after heavy rains caused Dutoy Creek (adjacent to the quarry) to overflow its banks and to flood approximately 61 million gallons into the quarry.					
	Agencies Involved:	VDEQ, U.S. Army Corps of Engineers					
	Decisions Made:	Luck Stone worked with the U.S. Army Corps of Engineers to address issues pertaining to repair of the breached stream channel; VDEQ observed the dewatering activity, which took at least three weeks. There were no environmental impacts to the receiving stream during dewatering activities.					
38.	Dates:	10 May 2018	Event:	Minden, WV 18-073	ACT	NOT	
	Issue / Concern:	Abandoned "drum" containing hydrocarbon and water.					
	Agencies Involved:	WVDEP					
	Decisions Made:	Upon arrival, determined to be a small tank, approximately 250 gallons, discovered in sewer pipeline construction right of way; also believed to be a former railroad right of way. Laboratory analysis revealed the material to be non-PCB.					
39.	Dates:	6 May 2018	Event:	Fishing Vessel (F/V) MISS CAROLYN	ACT	NOT	
	Issue / Concern:	MISS CAROLYN sank in Menchville Marina (Newport News, VA) due to unknown causes. The owner was unable to be verified and therefore unable to mitigate the threat to the environment.					
	Agencies Involved:	Sector Hampton Roads, Newport News Fire Department Station 6 HAZMAT team, and Newport News Park Rangers					
	Decisions Made:	Sector Pollution Responder (PR)/FOSC 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. Sector Hampton Roads personnel accessed the OSLTF for \$20,000 to assess and remove all fuel and oily residue from the vessel. Thirty-five gallons of oily waste and diesel fuel were removed from the vessel.					
40.	Dates:	4 May 2018	Event:	Cumberland County, VA	ACT	NOT	
	Issue / Concern:	An underground pipeline transporting refined gasoline products was reported to be leaking. The leak occurred within a tank farm supplied by the pipeline. The source of the leak on the 16" pipeline appeared to be a crack in a previously repaired section.					
	Agencies Involved:	VDEM, Colonial Pipeline					
	Decisions Made:	Colonial Pipeline performed repairs and assumed responsibility for remediation of the site					

41.	Dates:	2 May 2018	Event:	Middle River Outfall (FPN: P18006)	ACT	NOT	
	Issue / Concern:	Sector MD-NCR IMD personnel responded to a report of lubricating oil emanating from a residential storm drain outfall along Middle River, Baltimore County. MDE provided diagrams of the sewer system; upon tracing the sewer line back a storm drain was identified 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.					
	Agencies Involved:	Sector MD-NCR, MDE					
	Decisions Made:	The 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.					
42.	Dates:	2 May 2018	Event:	Colonial Pipeline Leak at Mitchell Junction	ACT	NOT	
	Issue / Concern:	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.					
	Agencies Involved:	VDEM, VDEQ, local and state responders					
	Decisions Made:	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.					
43.	Dates:	1 May 2018	Event:	P/C C BREEZE (FPN: P18007)	ACT	NOT	
	Issue / Concern:	Sector MD-NCR 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.					
	Agencies Involved:	Sector MD-NCR, MDE					
	Decisions Made:	Sector 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 on 3 May 2018, Sector personnel assumed federal control of the response on 04 May; the OSLTF was opened; and removed the fuel from the vessel, which was subsequently fully removed from the water by the marina owner.					
44.	Dates:	1 May 2018	Event:	Diesel Release to Moores Creek, VA	ACT	NOT	
	Issue / Concern:	Received a citizen complaint of petroleum in Moores Creek in Rockbridge County. VDEQ determined that a release of diesel fuel had come from a permitted oil/water separator at a Pilot Oil truck stop in Raphine following the improper disposal of 2,400 gallons of underground storage tank (UST) bottom waste into the separator by Pilot's UST maintenance contractor, HEPACO, LLC.					
	Agencies Involved:	VDEQ					
	Decisions Made:	Extensive remedial measures were required. Notices of Violation were issued to both HEPACO and Pilot Oil Truckstop.					

45.	Dates:	1 May 2018	Event:	Unpermitted Landfill Fire, Shenandoah County, VA	ACT	NOT	
	Issue / Concern:	Received a report from the Shenandoah County Fire Marshal of an uncontrolled fire at an unpermitted solid waste landfill in New Market. Several days before the fire VDEQ had inspected the location and instructed the landowner to commence cleanup and proper disposal of the material. The Fire Marshal informed VDEQ that the landowner admitted setting the fire.					
	Agencies Involved:	VDEQ, Shenandoah County Fire Dept.					
	Decisions Made:	VDEQ issued a Notice of Violation to the landowner. The Fire Marshal considered criminal charges.					
46.	Dates:	May 2018	Event:	Mercury Release, Rockville, MD	ACT	NOT	
	Issue / Concern:	Mercury had been placed in a trash bag which had ripped open spilling the mercury and impacting a residential property and street.					
	Agencies Involved:	MDE, USEPA					
	Decisions Made:	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.					
47.	Dates:	May 2018	Event:	Landslide at Harper's Ferry National Historical Park	ACT	NOT	
	Issue / Concern:	A 100 foot by 100 foot section of the hillside below Maryland Heights slid following two days of unusually heavy rainfall.					
	Agencies Involved:	FEMA, DOI, NPS					
	Decisions Made:	REO coordinated with FEMA and National Park Service (NPS) to ensure information and updates were provided to concerned local citizens on debris removal and road closures at Harper's Ferry National Historical Park (NHP) following an event of heavy rain and floods this spring. NPS is not in control of the road closure, but is working with engineers to address the landslide that has impacted Sandy Hook Road and other roads in and around the park due to flooding, landslides and debris.					
48.	Dates:	30 Apr 2018	Event:	Marine Diesel Spill	ACT	NOT	
	Issue / Concern:	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.					
	Agencies Involved:	PADEP, NOAA, Sector Delaware Bay					
	Decisions Made:	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. PADEP, the 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.					
49.	Dates:	25 Apr 2018	Event:	Improper Chemical Storage at Commercial Facility in Brunswick County	ACT	NOT	
	Issue / Concern:	Numerous chemical containers found on-site at a commercial facility in Brunswick County.					
	Agencies Involved:	USEPA (lead), VDEQ					
	Decisions Made:	A warrant was served on the property owner for improper permitting and other intelligence. Local, State, and Federal actions being taken.					

50.	Dates:	15 Apr 2018	Event:	Severe weather event - Tornado outbreak in the state	ACT	NOT	
	Issue / Concern:	4 tornadoes touched down within Central Virginia. 34 structures destroyed, 82 structures with major damage, 121 with minor damage, 321 total affected.					
	Agencies Involved:	VDEQ, VDEM					
	Decisions Made:	Governor declared a state of emergency. VDEQ and VDEM assisted with HAZMAT and debris.					
51.	Dates:	3 Apr 2018	Event:	Train Derailment	ACT	NOT	
	Issue / Concern:	A Norfolk Southern train derailment that resulted in the spillage of a rail car full of nurdles as well as food stuffs.					
	Agencies Involved:	PADEP					
	Decisions Made:	Booms were placed in Standing Stone Creek to collect floating nurdles.					
52.	Dates:	29 Mar 2018	Event:	Overtaken LPG Transport	ACT	NOT	
	Issue / Concern:	An LPG Transport overturned on Route 50 at Moose Lodge Road, resulting in a small leak from the PRD.					
	Agencies Involved:	MDE					
	Decisions Made:	MDE crews assisted in offloading the LPG, so the trailer could be safely righted.					
53.	Dates:	24 Mar 2018	Event:	Tractor Trailer Accident Involving 2-ethylhexyl acrylate (weather related)	ACT	NOT	
	Issue / Concern:	Approximately 44,000 pounds of ester involved in the accident.					
	Agencies Involved:	VDEQ, VDEM					
	Decisions Made:	Container was off-loaded over a period of 14 hours. Significant delays due to snow storm.					
54.	Dates:	21 Mar 2018	Event:	Overtaken Heating Oil Delivery Truck	ACT	NOT	
	Issue / Concern:	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.					
	Agencies Involved:	MDE					
	Decisions Made:	MDE crews offloaded approximately 2,200 gallons of #2 heating oil.					
55.	Dates:	9 Mar 2018	Event:	S/V TURNADOT	ACT	NOT	
	Issue / Concern:	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.					
	Agencies Involved:	Sector Hampton Roads					
	Decisions Made:	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 OSLTF was accessed for \$10,000. Diesel fuel and some batteries were recovered.					
56.	Dates:	7 Mar 2018	Event:	Colonial Pipeline Leak	ACT	NOT	
	Issue / Concern:	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.					
	Agencies Involved:	MDE					
	Decisions Made:	The spill impacted a stormwater retention pond on the site, but crews were able to prevent product from impacting the effluent stream.					

57.	Dates:	6 Mar 2018	Event:	Republic Steel	ACT	NOT	
	Issue / Concern:	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 USEPA responded on scene along with USCG PRs 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.					
	Agencies Involved:	Sector Buffalo, Ohio USEPA					
	Decisions Made:	After conferring with Ohio USEPA 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 7 March 2018 using a vacuum truck and sorbent material. Non-recoverable sheen dissipated naturally.					
58.	Dates:	6 Mar 2018	Event:	Sinking Privately Owned Sternwheeler Vessels (NRC # 1205979)	ACT	NOT	
	Issue / Concern:	Sternwheelers BLENNERHASSET and CENTENNIAL discharged a minor amount of oil into the Ohio River. The total amount was relatively small, but there was a high amount of interest by a neighbor living next to the event. Multiple media outlets were called by the neighbor, but the vessels were no longer sheening (after a quart bottle of oil was removed from the water).					
	Agencies Involved:	VWDEP, MSU Huntington, USEPA					
	Decisions Made:	OSLTF removal was discussed but concerns exist as to the appropriate use of the fund for a minor oil sheen.					
59.	Dates:	6 Mar 2018	Event:	Train vs. Tractor Trailer Involving Release of HCL	ACT	NOT	
	Issue / Concern:	A train hit a tractor-trailer in western Pennsylvania, spilling the truck's cargo of hydrochloric acid and injuring one person. The truck was carrying more than 22 tons of hydrochloric acid.					
	Agencies Involved:	PADEP					
	Decisions Made:	A hazardous materials team was called to the site and roadways in the area were closed. About 15 residents were evacuated.					
60.	Dates:	2 Mar 2018	Event:	CSX Train Derailment	ACT	NOT	
	Issue / Concern:	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 knots 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. 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.					
	Agencies Involved:	Sector MD-NCR, MDE					
	Decisions Made:	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. 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.					

61.	Dates:	2 Mar 2018	Event:	Bay Bridge Barges	ACT	NOT	
	Issue / Concern:	During a nor'easter with wind gusts over 65 knots, 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.					
	Agencies Involved:	Sector MD-NCR, MDE					
	Decisions Made:	Following structural examinations, both barges were removed on 6 March and escorted by tugs to Curtis Bay, where they are undergoing repairs. The OSLTF was not utilized in this case.					
62.	Dates:	28 Feb 2018	Event:	Baltimore Beltway Gasoline Spill	ACT	NOT	
	Issue / Concern:	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).					
	Agencies Involved:	MDE					
	Decisions Made:	MDE crews offloaded approximately 8,600 gallons of gasoline with no release.					
63.	Dates:	23 Feb 2018	Event:	Mystery Drum	ACT	NOT	
	Issue / Concern:	Sector Buffalo responded to a blue mystery drum that was found floating in the Buffalo River.					
	Agencies Involved:	Sector Buffalo					
	Decisions Made:	The case was federalized and a FPN was opened for \$5,000.					
64.	Dates:	23 Feb 2018	Event:	Philadelphia Warehouse Fire near Cobbs Creek, PA	ACT	NOT	
	Issue / Concern:	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.					
	Agencies Involved:	DOI, USCG, USFWS					
	Decisions Made:	DOI provided information to the USFWS, which provided additional information on an assessment conducted at the refuge and reported that no impacts to DOI resources were identified at the time.					
65.	Dates:	27 Jan 2018	Event:	Pittsylvania County Drums	ACT	NOT	
	Issue / Concern:	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.					
	Agencies Involved:	VDEQ, VDEM, USEPA					
	Decisions Made:	Called in USEPA for assistance. USEPA START contractor assisted with sampling and stabilizing the site. Owner is in FL; complying with authorities.					

66.	Dates:	20 Jan 2018	Event:	TUG BOURNE	ACT	NOT	
	Issue / Concern:	USCG Sector Hampton Roads received a report of a sunken 100-ft tugboat BOURNE in Skiffs Creek (Newport News, Virginia) that was leaking motor oil which had created a small sheen. The owner (J-Way Leasing and Marine), based out of Ohio, was unable to be contacted and IMD personnel accessed the OSLTF to assess and mitigate the threat of pollution. USCG PRs 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.					
	Agencies Involved:	Sector Hampton Roads, NNH, VDEM, Ft. Eustis Fire and Emergency Services					
	Decisions Made:	Sector Hampton Roads accessed the OSLTF and contracted HEPACO to remove the fuel on 24 January 2018. The RP was never reached to pay for the federal project through the NPFC (\$90,000). The NOAA SSC was consulted, and there are no endangered or sensitive species of concern for this area at this time of year. To date, USCG personnel have monitored the removal of over 6,500 gallons of oil from the vessel with approximately \$240,000 spent from the OSLTF. In October 2018, the Commandant approved the vessel for destruction. Sector Hampton Roads worked with Shore Infrastructure Logistics Center (SILC) to hire a contractor to remove and destroy the vessel. Vessel removal was completed in Jan 2019.					
67.	Dates:	15 Jan 2018	Event:	Norfolk Southern Train Derailment, Pembroke Area, VA	ACT	NOT	
	Issue / Concern:	8 cars derailed in the Pembroke area of Giles County, adjacent to the New River; one HAZMAT car contained soybean oil					
	Agencies Involved:	VADEQ, VDEM					
	Decisions Made:	Incident was contained and remediated with no contamination of state waters.					
68.	Dates:	12 Jan 2018	Event:	M/V Wanderer II	ACT	NOT	
	Issue / Concern:	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.					
	Agencies Involved:	Sector Hampton Roads					
	Decisions Made:	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.					
69.	Dates:	12 Jan 2018	Event:	Gate City UTV Big Sandy River	ACT	NOT	
	Issue / Concern:	DOI received a call from a NOAA SSC, 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.					
	Agencies Involved:	DOI, USCG, NOAA, KY DEP					
	Decisions Made:	REO provided notification to USFWS, because reports indicated the possibility of endangered mussels in the vicinity of the release. USFWS made an internal determination on the pursuit of sampling/NRDA. At the request of the USCG Commander/FOSC, REO Philadelphia contacted the WV State Historic Preservation Office and USFWS regional oil spill coordinator to support proper documentation by the USCG of federal consultation under Section 106 of the National Historic Preservation Act (NHPA) and Section 7 of the Endangered Species Act (ESA).					

70.	Dates:	10 Jan 2018	Event:	Sinking Motor Vessel (NRC # 1201483)	ACT	NOT	
	Issue / Concern:	Release of pollutants potentially impacting drinking water intake two miles downstream.					
	Agencies Involved:	WVDEP, MSU Huntington					
	Decisions Made:	USCG initiated response to the incident. USCG and numerous WV agencies (WVDHSEM, WVDHHR-BPH, WVDEP, WVDOH), RP insurance company, ORSANCO, OSRO, KY DEP, to develop a sampling plan, evaluate interconnects with Kenova Water to support supply, provide bottled water. The intake at the Kenova Water Works plant was closed initially. It should be noted that certain parts of Kenova ran out of water early in the response. WVDHHR worked with the plant for lab data review and the addition of activated carbon to address the potential impact. WVDEP continued to be involved throughout the incident for, in part the situational awareness due to the threat to the downstream drinking water intake.					
71.	Dates:	2 Jan 2018	Event:	C/V RECOVERY	ACT	NOT	
	Issue / Concern:	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, 3 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.					
	Agencies Involved:	Sector Buffalo, MSU Cleveland					
	Decisions Made:	Because of weather and ice conditions, response actions were limited, so MSU Cleveland personnel monitored the vessel with daily checks. On 5 January 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.					

C. RRT Exercises			
1.	Dates:	5 Dec 2018	Event: Bath County Hospital Exercise, Bath, VA
	Agencies Involved:	USEPA, Bath County Hospital, Virginia Department of Health, Bath County Sheriff and Bath County EMS	
	Summary of exercise:	USEPA participated in a multi-agency hazmat exercise at the Bath County Hospital. The event started with basic training on ICS and PPE and then led into a hazmat incident involving the contamination of the public.	
2.	Dates:	5-9 Nov 2018	Event: DoD Federal On-Scene Coordinator (FOSC) Training
	Agencies Involved:	USEPA, US Army	
	Summary of exercise:	USEPA assisted in the instruction of 40-hour FOSC Training for the U.S Army. The Chemical Stockpile Emergency Preparedness Program (CSEPP) is sponsoring the program in conjunction with the Argonne National Laboratory. USEPA FOSCs from Regions 3, 4, 8 and 10 all contributed to the program. The training's goal is to prepare DoD personnel to serve as the FOSCs for releases of hazardous substances from or impacting a military installation.	
3.	Dates:	26-27 Oct 2018	Event: USEPA's Derecho Super Cell Full Scale Exercise in the Shenandoah Valley Sub-Area
	Agencies Involved:	200 individuals representing multiple state and local agencies	
	Summary of exercise:	USEPA conducted its annual full-scale exercise with nine counties (eight counties in West Virginia and one county in Maryland) at multiple venues in each state. The Exercise scenario focused on severe weather events that overwhelmed the counties, causing flooding, strong winds, torrential downpours, and tornado activities. The weather caused HAZMAT releases, power outages, communication issues, and EOC activations across eleven Counties. The overall objectives for the Exercise included HAZMAT response, EOC activations, health and safety, inter- and intra- Agency communications, law enforcement capabilities, and public health interaction.	
4.	Dates:	24 Oct 2018	Event: Mountain Deluge Full-Scale Exercise
	Agencies Involved:	USEPA, WVDHESM , Emergency Operations Centers and Fire Departments in each county, National Weather Service, Monongalia Power Company	
	Summary of exercise:	Ten counties in Central West Virginia participated in a full-scale exercise co-hosted by the WV Department of Homeland Security and Emergency Management (WVDHESM) and USEPA. The Mountain Deluge Full-Scale exercise scenario focused on a massive flood, which was designed to test the county's ability to evacuate and rescue citizens, provide shelter, respond to HAZMAT, test radio communications, and work cooperativity with other counties.	
5.	Dates:	6 Sep 2018	Event: Off-shore Lightering Tabletop Exercise, Dover, DE
	Agencies Involved:	Sector MD-NCR, Sector Delaware Bay, USEPA, NOAA, VDEQ, MDE, DE DNREC	
	Summary of exercise:	The exercise amassed 75 participants from 36 agencies and organizations. The PREP TTX focused on a challenging response to a one million gallon spill of crude oil off-shore, which directly impacted two federal regions, four USCG Sectors, and four states. The exercise honed knowledge and application of plans, procedures, and decision making pertaining to incident management organization, off-shore response strategies, and on-shore challenges for a complicated response reaching from the mouth of the Delaware Bay to the southern tip of the DELMARVA Peninsula. Notably, the exercise raised awareness and stakeholder collaboration on the application of the 1997 RRT3 MOU for use of chemical countermeasures.	

6.	Dates:	16 May 2018	Pamunkey Indian Tribe Table Top Exercise
	Agencies Involved:	Sector Hampton Roads, VDEM, VDEQ, USEPA, Pamunkey Tribe, Norfolk Southern Railroad, DOI-Bureau of Indian Affairs, Local Agencies	
	Summary of exercise:	A one-day discussion-based exercise focused on the support needs of the King William-Pamunkey Tribe, the State of Virginia's first federally recognized tribe. The TTX was designed integrate tribal leadership with local, state, and federal Partners during a HAZMAT emergency; foster dialogue; enhance coordination efforts; and validate the King William County Emergency Operations Plan along with several Geographic Response Strategies (GRS) in the response to a train derailment incident involving HAZMATs and resulting in fire on the Pamunkey reservation near the Pamunkey River.	
7.	Dates:	3-9 May2018	FEMA's National Level Hurricane Exercise "Atlantic Fury"
	Agencies Involved:	67 local jurisdictions, 5 states and the District of Columbia, 160 private sector organizations, 91 Federal departments and agencies	
	Summary of exercise:	The exercise scenario included over 12,000 participants and involved a major hurricane that made landfall near Hampton Roads, Virginia, causing severe damage to residences, businesses, and critical infrastructure throughout the Mid-Atlantic. Fictional Hurricane Cora included power outages and cascading effects, with impacts to communications, transportation, water, and public works. Exercise scenarios also included multiple oil and hazardous substances releases.	
8.	Dates:	24 April 2018	RRT Activation Drill
	Agencies Involved:	All RRT III Agencies	
	Summary of exercise:	An Incident-Specific RRT III Activation Drill was conducted to verify primary and alternate RRT3 Agency Contacts. At 0800 the USEPA RRT Coordinator sent a text message and an email to all the RRT III Standing Member Agencies requesting them to report via conference call at 1000 for an Incident-Specific RRT III activation. The scenario was the instantaneous release of an estimated 1,000,000 gallons of a medium crude oil. All RRT III were required to participate in the activation call, however, based on the spill trajectory and/or the potentially impacted resources, only select federal and state/commonwealth agencies were required to provide additional information by 1400 hours. The intent was to determine if POC decision makers were known and if by using internal chain of command, could they provide response/decision within a 4-hour response window. Most agencies were able to respond as requested, but some POCs had changed and needed to be updated at the RRT III level.	

D. Changes in RRT Leadership		
Agency	Outgoing Personnel	Incoming personnel
1) US Environmental Protection Agency	Bonnie Grosse	To be determined
2) Maryland MDE	Alan Williams (retired)	N/A
3) Sector Hampton Roads (COTP)	CAPT Rick Wester	CAPT Kevin Carroll
4) Sector Hampton Roads (IMD/MER)	LCDR John Laraia	LCDR Danielle Shupe
5) West Virginia Dept. of Environmental Protection	David Wheatcraft	To be determined – Other alternates named
6) Department of Transportation	Anthony Murray	Lisa Brennan
7) US Department of Agriculture	N/A	Jason Suckow (Alternate identified)
8) US Navy	John Chamberlayne	Thomas Spriggs
9) Department of Justice	Justin Smith	Laurie Dubriel
10) FEMA	Robert Hutchinson	Jamy Lomento
11) VDEM	N/A	Daniel Brewer (Alternate identified)
12) Sector Ohio Valley	CAPT Michael Zamperini	CDR Molly Wike
13) Sector Buffalo	N/A	CDR Kenneth Blair
14) Sector Maryland-NCR	CAPT Lonnie Harrison	N/A
E. Best Practices and Lessons Learned by the RRT (which may help other RRTs)		
<ol style="list-style-type: none"> 1. Activation drills and exercises are important to identify correct Agency and decision-making POCs on a regular basis. 2. Joint exercise identified need to update the 1997 Dispersant Use MOU and educate state decision-makers and agencies on the potential impacts to state resources (natural and economic) as well as the process and time constraints for authorizing use of dispersants in the event of an oil spill. 		
F. Federal, State, and Local Planning and Coordination Efforts		
<ol style="list-style-type: none"> 1. Booming Strategies, Southcentral, PA – USEPA has completed booming strategies of six (6) drinking water intake locations along the Susquehanna and Juniata Rivers that were prioritized by PADEP. USEPA 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) 2. ERMA Interagency Agreement (IAA) – In August 2018, an IAA between USCG (CG-Marine Environmental Response [MER]) and NOAA (OR&R) was signed by Ms. Dana Tulis, Director, Incident Management and Preparedness Policy and Mr. David Westerholm, Director, Office of Response and Restoration. The IAA standardizes use of ERMA as the Common Operating Picture for USCG-led training, exercises, and responses to discharges of oil and releases of hazardous substances, pollutants, and contaminants. It also establishes a formal framework for policy decisions and use of ERMA to support USCG activities (i.e., data visualization on Abandoned & Derelict Vessels [ADV] for units to include tracking ADVs, conducting training and exercises, and referencing Geographic Response Strategies [GRS], etc.). 3. Concept Plan for Responding to Military Munitions – USCG Sector Delaware Bay finalized the Concept Plan 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. Following completion in 2018, the Sector Delaware Bay military munitions response plan was briefed to the NRT in November 2018. The plan was subsequently endorsed by the NRT, and added to the NRT's website as new hazards guidance. It has also been made available nationally to the NRT 		

community and within the USCG as example for adoption into applicable regional and local contingency plans. Sector Hampton Roads has also incorporated a military munitions plan based on the one developed by Sector Delaware Bay.

4. **Potomac River Geographic Response Plan (GRP)** – In July 2018, outreach activities associated with the rollout of the online GRP for the Washington DC Extended Sub-Area were initiated. FOSC Charlie Fitzsimmons conducted outreach to the Virginia Department of Emergency Management (VDEM) Region 7 and the VDEM Hazardous Materials (HAZMAT) Officer, VA Department of Health (DOH), Virginia Department of Environmental Quality (VDEQ), and the Fairfax and Loudon County Offices of Emergency Management (OEMs).
5. **Endangered Species Matrices** – Developed mainly for use in pre-spill ESA Section 7 discussions at the 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. Development of the matrices for coastal and inland involved DOI, USFWS, NOAA, USCG, and USEPA personnel.
6. **Pre-Deployment to National Special Security Event (NSSE)** – USEPA Region 3 and other federal agencies deployed to the Multi Agency Coordination Center in support of George H. Bush’s funeral on December 5, 2018. USEPA’s pre-deployment for the NSSE is part of USEPA’s Concept of Operations for preparation and response during a NSSE event.

G. Challenges and Issues (and Operational Requirements Which May Require NRT Attention)

1. **RRT3 Events Calendar** added to the RRTIII Home Page website (https://nrt.org/event/events.aspx?site_id=35) provides a singular location for the membership to post and identify options for Conferences, Exercises, Meetings, Training, and Workshops that are pertinent to the region and beyond. Additional outreach and reminders of this resource is recommended.
2. **Workgroup participation.** Workgroup participation and momentum between in-person RRT3 meetings continues to be a challenge.
3. **Federal Budget and Scheduled RRT Meetings.** Budget limitations and requirements for the use of the USCG/DHS conference hosting request system are restricting coordination, and the ability to book meeting locations continues to be a challenge.
4. **Meeting Attendance.** Attendance by Standing Member Agencies continues to be affected by current budgetary situations and limits on travel. Efforts to increase attendance include:
 - a. Reorganization of meeting schedule to have the Standing Meeting on Day 2 of the three day meeting schedule, with workgroup sessions held during the afternoon of Day 2 and on Day 3 to allow more participation and the release of individuals who do not participate in the workgroups. However, this format is still being evaluated because it may limit the attraction of new members to the workgroup sessions and will limit ability to bring forward workgroup issues to the Executive Committee and Standing RRT membership since they meet on Days 1 and 2, respectively.
 - b. Participation of all members and their active involvement with workgroups is critical for the forward movement of this RRT on issues within the region and the nation.
 - c. Remote participation is made available for every component of the RRT Bi-annual meetings to encourage distance participation; distance participation is not very high.