MEETING MINUTES
REGIONAL RESPONSE TEAM 7 SPRING 2017 MEETING

8600 NE Underground Road, Pillar 253, Kansas City, Missouri 64141
March 29-30, 2017

Wednesday, March 29th

A meeting of Regional Response Team 7 (RRT) member agencies and regional stakeholders convened at 0800 on March 29, 2017, at 8600 Northeast Underground Road, Pillar 253, Kansas City, Missouri (MO). Co-Chairs Ken Buchholz of the U.S. Environmental Protection Agency (EPA) and Michael Sams of the U.S. Coast Guard (USCG), Eighth District welcomed participants to the meeting.

Opening Comments

After introducing Mary Peterson, EPA Region 7 Superfund Division Director, Buchholz asked attendees whether additional corrections were needed to minutes of the past meeting. One revision had been requested and completed prior to the meeting. As additional revisions were not requested, the minutes were approved. Buchholz indicated that many changes were anticipated with the pending appointment of a new EPA Region 7 Administrator. He emphasized needs to maintain relationships across RRT members to ensure emergency preparedness is sustained during this transitional period and beyond.

Sams reiterated Buchholz's comments regarding response readiness, and reminded the group that the RRT also serves as the Region's Area Committee under the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). In accordance with the NCP and a renewed memorandum of agreement (MOA) with EPA, USCG Captains of the Port (COPT) in Sector Upper Mississippi River (SUMR), Sector Lower Mississippi River (LMR), and Sector Ohio Valley continue to serve as Federal On-Scene Coordinators (FOSC) for responses involving commercial vessels and USCG-regulated facilities. The RRT, functioning as an Area Committee under the NCP, is tasked to support FOSCs in the field, and maintain policies and procedures that ensure the highest levels of preparedness are maintained.

Notes: Agendas, meeting presentations, and final minutes from past meetings are accessible at: response.epa.gov/R7RRT. A list of meeting participants is on page 17.

Review of RRT Priorities

After self-introductions by attendees, Sams reviewed the RRT Priorities List. He explained that the RRT Executive Committee maintains the list and is looking for input from the larger group. RRT priority activities are as follows:

Priority 1 – Region 7 Regional Integrated Contingency Plan (RICP) Update: Annual updates to the RICP will be completed soon. Whether minor or substantive edits (every 5 years) are undertaken in a given year, requested revisions are due to EPA RRT Coordinator Eric Nold in June for review/acceptance in September and plan finalization in January.

Priority 2 – Develop Decanting Guidance: Decanting guidelines were reviewed by State RRT representatives, and additional language from the NCP was added to the main text of the RICP.

Priority 3 – Determine Future of Great Rivers Subarea: Current standing and future viability of the Great Rivers Subarea and its associated contingency plan will be discussed later in the meeting.

Note: In later meeting discussions, it was decided to delay a decision on this item until after a scheduled conference call with subarea members.

Priority 4 – Monthly RRT Executive Committee Teleconferences: Monthly teleconferences continue as planned among RRT Executive Committee members to ensure ongoing and effective administration of the RRT.

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Priority 5 – Conduct Incident-Specific Conference Calls and Exercises, and Document Results: A USCG-led notification and incident-specific RRT functional exercise occurred since the last meeting. Participant feedback was obtained and documented in the exercise incident-specific RRT (ISRRT) activation report to be posted to the RRT website.

Priority 6 – Develop Inland Shoreline Clean-up and Assessment Technique (SCAT) Course: Course development is nearly complete, and training delivery is tentatively scheduled for the SUMR area in/near October 2017. Points of contact for the training are Joe Davis (EPA Region 7) and Adam Davis (National Oceanic and Atmospheric Administration [NOAA] Scientific Support Coordinator [SSC]). Once the training location and dates are finalized, more information will be provided to the RRT.

USCG-Led Notification and ISRRT Exercise

Sams reported details of the USCG-led notification and ISRRT activation exercise on February 21, 2017. He described differences between the Standing RRT and an ISRRT established to coordinate response actions in support of the assigned FOSC. The exercise involved a simulated discharge of 200 barrels (bbls) of crude oil from a tank barge that posed a worst-case discharge (WCD) potential of 30,000 bbls. Sams described authorities and member agencies' roles during the exercise. Notably, a gap was identified regarding initial notification to the U.S. Department of the Interior (DOI) that had been excluded from the notification list utilized for the exercise. The exercise scenario involved a request from the USCG FOSC in charge to use a surface washing agent to remove oil residue from several commercial vessels' hulls, requiring activation and convening of the ISRRT to approve use of such products.

Sams went on to review the agenda of the ISRRT conference call, and explained consultation among and decision-making processes of DOI, U.S. Fish and Wildlife Service (USFWS), EPA, and State Natural Resource Trustees to reach concurrence on use of the surface washing agent. USCG recorded decisions by the group in an ISRRT Activation Report. Exercise outcomes indicate that the overall coordination is effective for information sharing and decision making; however, incident notification shortfalls involving the DOI/USFWS were identified and resolved by USCG SUMR; internal notification protocols were updated. Sams said that the RRT Executive Committee will continue to monitor incident notifications with DOI/USFWS and states to ensure NCP and RICP requirements are met.

See "Day1 0830-0900 CG-Led Notification-ISRRT Drill" at response.epa.gov/R7RRT.

USCG Update, RRT Co-Chair Sams

Personnel Changes: Rear Admiral Paul Thomas, currently stationed at USCG Headquarters, will report as Eighth District Commander on August 11, 2017. Other position changes in coming months will be reported at the fall meeting.

Laws/Regulations/Policies: An updated MOA between USCG, Eighth District and EPA Region 7 was signed in November 2016. USCG is still predesignated to provide the FOSC for incidents involving commercial vessels and USCG-regulated facilities. The National Response Team (NRT) has established a National Compliance Workgroup to review/revise certain aspects of Endangered Species Act Section 7 consultations and National Historic Preservation Act consultations. NRT has also developed an Area Contingency Plan (ACP) Workgroup to review current plans and offer recommendations regarding planning elements and format to be used nationally. An action plan will be issued to promote national consistency among ACPs, Regional Contingency Plans (RCP), and integrated plans such as the RICP. Workgroups are also discussing best practices for oil spill response and lessons learned concerning countermeasures found effective in various response situations. In other developments, the USCG Incident Management Handbook is now available as a mobile application download. Finally, USCG COTPs have received requests for WCD information to update spill history tables in the RICP.

Exercises/Trainings: Plans are in place to work with EPA on National Preparedness for Response Exercise Program (PREP) exercises as opportunities arise. Currently, USCG is working with the Federal Emergency

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Management Agency (FEMA) on New Madrid Seismic Zone (NMSZ) plans and a related exercise that will involve COTP-level participation. Marine Safety Unit (MSU) Paducah is to host the Western Rivers Salvage Forum on May 4th, and the International Oil Spills Conference will convene in Long Beach, California, during May 15-18. The NRT RRT Co-chairs / Coordinators Meeting will occur in Pittsburgh, Pennsylvania (PA) the week of June 12th. The first-ever Clean Waterways Conference focused the Western Rivers (brown water) will convene in Louisville, Kentucky, during June 27-28. Additionally, the 27th annual Clean Gulf Conference, which includes an inland track, will occur in Houston, Texas, during December 5-7.

EPA Update, RRT Co-Chair Buchholz, Mary Peterson, and Terri Blunk

Personnel Changes: Buchholz indicated that EPA has hired seven new FOSCs within the past three years, most recently Christin Russell, Tanyi Tanyi, and Yvonne Smith. Heather Adams was also hired to serve as the Branch Office Manager.

Significant Incidents/Events/Responses: The following incidents were reported by Buchholz:

Airosol Response – Neodesha, Kansas (KS): See "Neodesha Explosion_KDEM" and "Neodesha Explosion_EPA-KDHE" at response.epa.gov/R7RRT for a detailed incident description.

Pipeline Explosion and Fire – Smithville, Missouri (MO): An Enterprise Products Partners LP pipeline exploded, resulting in a 6-foot-deep crater. Despite heat from the fire, no runoff was apparent and no sheen was observed on a nearby pond and river. The fire was allowed to burn out, which took several days. Enterprise provided air monitoring throughput the incident.

Tire Fire – Rockport, MO: The facility had stored several large piles of tires, and fire quickly spread from pile to pile and across a nearby access road. Access for fire suppression operations was limited, but the area was relatively flat, and so runoff from the site was minimal. Missouri Department of Natural Resources (MDNR) oversaw the response.

Train Derailment – Graettinger, Iowa (IA): A train hauling ethyl alcohol derailed as it crossed a small bridge, and several cars went into a creek. A very large fire ensued that responders allowed to burn until the product had been consumed. A snowstorm in the area additionally delayed assessment and sampling activities, although sampling occurred upstream and downstream from the wreckage to check for leaking tank cars. A safe transfer of the materials from railcars eventually concluded. Response and recovery operations attracted significant attention from the media.

Magellan Pipeline Spill – Hanlontown, IA: EPA Region 7 coordinated with EPA Region 5, Iowa Department of Natural Resource (IDNR), and local emergency management agencies during this response in Worth County during horrible weather and a foot of blowing snow. Initial reports indicated a discharge of 1,500–2,500 bbls of diesel. IDNR responded as Magellan deployed significant response and recovery resources to address the spill. EPA confirmed absence of drinking water intakes or Tribal lands immediately downstream from the spill.

Metrics/Trends/Challenges: The following were reported by Buchholz and EPA Superfund Division Director Peterson:

- Over the past eight years, EPA has reduced its overall workforce by 3,000 full-time employees (FTE).
- The White House's proposed budget reduces EPA's budget to $5.7 billion and cuts another 3,200 FTEs:
  - Represents 31 percent reduction from 2017 budget
  - Discontinues funding for the Clean Power Plan
  - Reduces Categorical Grants support by $482 million compared to 2017 annualized levels
  - Eliminates funding for specific regional efforts such as the Great Lakes Restoration Initiative, Chesapeake Bay, and other geography-specific programs.
  - Eliminates more than 50 EPA programs, saving an additional $347 million compared to the 2017 annualized level.

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Laws/Regulations/Policies: The following was reported by Terri Blunk of the EPA Region 7 Chemical & Oil Release Prevention (CORP) Branch:

The effective date of rule modernization efforts concerning Risk Management Program (RMP) regulations was delayed until June 19th. The effective date of the rule has been extended in response to a petition submitted by the "RMP Coalition." EPA found that the petition raised one or more objections that met requirements for a petition for reconsideration under Clean Air Act Section 307(d)(7)(B). In timeframes listed by the rule, requirements for facilities to meet new provisions vary from one year (for some emergency coordination items) to 5 years after the effective date. For the full description of changes, see https://www.epa.gov/rmp/final-amendments-risk-management-program-rmp-rule.

Exercises/Trainings: Buchholz and Blunk reported the following:

- EPA recently trained over 250 EPA personnel in key leadership positions related to the Incident Command System (ICS).
  - Training occurred in Pittsburgh, PA during March 20-24, 2017.
  - Primary purpose of the training was to re-invigorate EPA's cadre of personnel qualified to deploy to a large-scale, complex incident that requires an incident management team (IMT).
- EPA air monitoring and oil response trainings will occur in September, followed by Level A training in October.
- Region 7 is also leading a joint EPA Region 6/7 full-scale exercise in September 2017.
- RMP web training should be available on-line by the end of May 2017. EPA plans to post 10 updated training modules geared toward Program 2 and Program 3 facilities. These modules include an overview of the regulation, requirements for covered facilities, EPA Region 7's inspection and enforcement process, and past cases that demonstrate course content.

Other Pertinent Information: Buchholz and Blunk reported the following:

- CORP plans to a launch a quarterly newsletter geared toward emergency planners and regulated facilities. Topics will include "meet this person/agency," release events/emergency responses, compliance tips, and other similar content. Please consider submission of articles that discuss your agency, past emergency responses, and/or regulations. The first newsletter should be out by early summer.
- 2017 Region 7 Local Emergency Planning Committee (LEPC)/Tribal Emergency Response Commission (TERC) Conference is scheduled for July 20-22, in Overland Park, KS.
- EPA has operated under a continuing resolution that expires April 28th. Based on proposed cuts, RRT members should be prepared to meet virtually via video teleconference. The joint Region 6/7 response exercise is also contingent on funding levels after April 28th. Additionally, a plan containing options for consolidation of EPA regional offices is due for submission soon.

EPA Emergency Response Team (ERT), JoAnn Eskelsen

Eskelsen reported the following hires within ERT:

Gerald Ball	Edison, New Jersey (NJ)	Chemist, Mobile Labs
Scott Grossman	Edison, NJ	Biologist, Dive Team
Karla Guerreo-Oliveras	Edison, NJ	Emergency Response/Removal Assessment
Joe Bundens	Las Vegas, Nevada (NV)	Geologist/Hydrologist
Jossie Yousefan-Martin	Las Vegas, NV	Emergency Response, Air Sampling/Monitoring

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State Agency Reports

IDNR, Adam Broughton

Personnel Changes: Jason Marcel was recently assigned as Bureau Chief in the Field Services and Compliance Bureau. Dale Garner was assigned as Administrator of the Conservation & Recreation Division.

Significant Incidents/Events/Responses: A Magellan pipeline discharge diesel fuel near Hanlontown in north-central IA on January 25th at 0510 hours:

- Sensors indicated a pressure drop in the 12-inch pipeline.
- Magellan staff responded and located the release at a farm field about 3 miles north of Hanlontown.
- Willow Creek was about 1,200 feet from the break, and a private well was 250 feet from the break.
- The initial spill estimate was 60,000 gallons, later revised to 138,600 gallons; however, final calculations indicated that 48,630 gallons of diesel had been released.
- 4,154 tons of soil was removed/replaced, and contaminated snow was hauled off to a separator for recycling.
- The pipeline was back in service by January 28th. Cleanup was complete on February 8, 2017, and the area will be reseeded in the spring.

Metrics/Trends/Challenges: 590 incidents were reported in 2016—down from 752 reported the previous year:

- 70 involved agriculture (Ag) chemicals (57 previous year).
- 366 involved petroleum (497 previous year).
- 154 involved other chemicals (198 previous year).
- 106 impacted or threatened a waterway of the State.

Tentative totals indicate that 4,308 facilities have filed 2016 Tier II reports, up from 4,214 the previous year.

Laws/Regulations/Policies: Bills moving through the legislature include the following:

- Bill to eliminate the State Emergency Response Commission (SERC). If passed, SERC duties will be taken over by Iowa Homeland Security and Emergency Management Department (HSEMD).
- Bill to create a crude oil spill response fund did not make it out of committee.

Exercises/Trainings: HSEMD hosted a cyber-related exercise on February 22nd focused on impacts of cyber intrusion and subsequent system failures.

Other Pertinent Information: A captive herd of about 70 deer in Buchanan County tested positive for Chronic Wasting Disease, and was to be incinerated starting March 28th. Iowa Department of Agriculture and Land Stewardship and U.S Department of Agriculture (USDA) are the lead agencies for the event.

Kansas Department of Health and Environment (KDHE), Bob Jurgens and Joe Dom

Personnel Changes: KDHE filled the Assistant Spills Coordinator position in October 2016; however, the Spills Coordinator resigned in December, and KDHE is in the process of filling that position. No changes in KDHE representatives to the RRT have occurred.

Significant Incidents/Events/Responses: No significant events or large spills involving trains, fuel tankers, or pipelines were reported since the last RRT meeting.

- Spill Reports: Since the last RRT meeting, 735 spills were reported to the State:
  - 60 were pipeline spills (relatively minor in volume).
  - 13 were railroad spills (minor spills).
  - 1 came from aircraft (a crop duster and U.S. Army aircraft).
  - 108 involved other forms of transportation and shipping containers.

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- 14 came from aboveground storage tanks (AST).
- 158 involved fixed facilities, transformers, and other spills.
- 3 were other spills of unknown origins.

- Toxic Gas Release – October 21, 2016: A tanker off-loading sulfuric acid at the MGP Ingredients, Inc. facility in Atchison, KS, inadvertently connected to a 6,500-gallon AST containing sodium hypochlorite. The resulting reaction discharged from the tank a large, thick, white plume of gaseous chlorine that spread north over several square miles. The transfer continued for 30-40 minutes before the valve on the tanker truck could be closed. The fire department applied a deluge wash to the tank, knocking down the escaping cloud of gas. Nearby businesses, residences, and schools (including Benedictine College) were evacuated, while others were advised to shelter in place. Some roads were closed, including State Route 7 (K7), U.S. Highway 73, and U.S. Highway 59.

- Airosol Facility Fire and Explosion – November 22, 2016: An explosion occurred at the Airosol Company, Inc. facility in Neodesha, KS, which handles numerous chemicals including butane and propane. Three injuries were reported. Evacuations within 1.5 mile from the plant occurred. Runoff from firefighting operations entered the Fall and Verdigris Rivers. KDHE issued "do-not-drink" orders to the City of Neodesha and Rural Water Districts 3, 4, 6, and 8. KDHE requested closure of water intakes by the Cities of Independence and Coffeyville, as well as downstream rural water districts. By November 29th, all boil advisories in place after the incident had been rescinded. KDHE and EPA had worked together to sample and analyze surface water in order to speed a determination to lift surface water intake closures.

- Ammonia Release – March 1, 2017: An ammonia leak occurred at a Schwan's Global Supply Chain (Tony's Pizza) Factory in Salina, KS. One employee was reportedly injured, treated, and released. An extremely large block of ice released meltwater to the facility's pre-treatment system, overwhelming available storage capacity. Dirt berms were constructed in the stormwater discharge tributary to contain any wastewater received there. Wastewater in the pre-treatment system was treated to lower pH. Frac tanks were ordered but were not available in time to store the product. For about 2.5 hours, pH 11.4 wastewater was released to the city sewer system at 150 gallons/minute (gpm). Total ammonia released was 169,117 pounds, based on the amount purchased to recharge the refrigerant system. About 210,000 gallons of water were removed from the tributary. Additionally, 462,000 gallons were collected from the facility's pretreatment system. Sludge totaling 84,000 gallons was removed from the facility's equalizer tank, with some waste allocated to frac tanks for later land application.

Jurgens indicated that KDHE had requested actions regarding the following incidents:

- Munker Creek, for illegal dumping
- Neodesha Airosol Fire, for chemical release
- Concreto Smelter Site, for gas release.

Metrics/Trends/Challenges: State budget is adversely impacting retention of experienced staff and recruitment of replacements. KDHE is now using the Environmental Stewardship Funds for emergency response funding.

Laws/Regulations/Policies: A memorandum of understanding (MOU) between KDHE and Kansas Corporation Commission (KCC) for oil spill response has been renewed. KCC will continue to oversee spills originating from oil wells and on-site storage. KCC will ensure notification to KDHE when an oil lease spill impacts surface water. KDHE responds to spills of chemicals, oil, and brine during transport of these to and from locations of oil leases.

Exercises/Trainings: Marlo Tangney and Stephanie Goodman of Kansas Department of Emergency Management (KDEM) will host Basic WebEOC and Spills Database trainings in each KDEM region. A few sessions have been uploaded to KSTrain, with more to be added soon.

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Other Pertinent Information: KDEM, KDHE, and KCC have used the new consolidated statewide spills database in WebEOC since May 16, 2016. WebEOC allows all three agencies to access and share details of reported spills. Local emergency managers and some industry partners also are able to use the database and appreciate the ability to view and provide incident updates. KDEM is planning to transition the WebEOC internal server to a cloud-based server early in April 2017.

MDNR, Brad Harris

Personnel Changes: The Environmental Emergency Response (EER) Section is fully staffed at 22 personnel; however, three State On-Scene Coordinators (SOSC) are still in training.

Significant Incidents/Events/Responses: Section staff continue to assist citizens regarding a release of gasoline and contamination affecting residences near two Kansas City, MO locations: 38th Street and Main Street, and Cleveland Avenue at Linwood Boulevard. Other recent incidents include the following:

Gasoline Pipeline Release – November 12, 2016: About 260 bbls (10,920 gallons) of gasoline were released from an Explorer pipeline close to a pumping station near Gerald, MO. A few nearby residents were evacuated as a precaution. Gasoline flowed from soil near the pump station into a dry creek bed. Reportedly, a nearby retention pond may have been affected, but no fish kills were noted. The responsible party (RP), Explorer, retained Heritage Environmental, Environmental Works, and Geeding Construction to remediate the impacted area. The contractors removed free product from pump station vaults, an on-site retention pond, and a wet-weather ditch 500-600 yards northeast of the facility. Approximately 16,000 gallons of product/water were recovered early in the cleanup, with the largest portion having come from the vaults. A nearby creek, Clates Creek, was not impacted by the release. The SOSC oversaw the contractor for several weeks until all free product had been removed by mid-December. The RP later applied to MDNR's long-term cleanup program. EPA also responded to the scene to provide assistance pertaining to this event.

Crude Oil Pipeline Release – January 2017: An Enbridge pipeline leaked crude oil from a block valve at a pump station near Halltown, MO. The RP notified EER's spill line on January 14th of a release of 10 bbls (420 gallons) to a vault that houses the block valve. Oil sprayed on nearby trees and oil leaked into a nearby pond and dry drainage. The RP called in regional maintenance staff and hired a contractor to begin cleanup. EPA was notified and coordinated with EER Section staff. Later it was discovered that the release actually totaled 250 bbls, and that several hundred yards of a dry drainage area was impacted. It took several weeks to complete excavation of the free product, overseen by a SOSC who also worked with the RP to sample private drinking water wells in the area. The RP for this incident is also applying for entry into the Department's long-term cleanup program.

Large-Event Radiological Screening: The EER Section was requested by St. Louis City Fire Department to provide radiological screening at National Hockey League games in Busch Stadium in December 2016 and January 2017. The EER Section also provided radiological security at the Presidential Campaign Debate at Washington University in October 2016.

Notably, Section staff continue to maintain a daily presence in St. Louis County to conduct continuous air monitoring, twice-daily screening checks, and sampling associated with the Bridgeton Landfill.

Metrics/Trends/Challenges: The following spill reports were entered into the MO EER Tracking System (MEERTS) via MDNR's 24-hour reporting line between July 1, 2016, and March 1, 2017—707 incidents. Outreach and technical assistance call totals are also listed below:

- 84 methamphetamine (meth)-related incidents (trend continues downward)
- 623 non-meth incidents
- 156 on-scene responses (about 22 percent of calls received)
- 274 outreach events across the State
- 203 calls for technical assistance.

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Exercises/Trainings: Section-wide trainings occurred in Jefferson City during March 14-16, 2017, with another training scheduled for Jefferson City during June 13-15, 2017. The Callaway Energy Center Ingestion Pathway Exercise on April 25-26 is a graded exercise involving radiological fallout, media sampling, and protection of drinking water sources.

MDNR, along with MO Departments of (1) Public Safety and (2) Health and Senior Services, continues to provide Modular Emergency Radiological Response Transportation Training (MERRTT) to response agencies along MO's radiation transportation corridors. EER Section staff delivered trainings in Rolla and Sikeston in January 2017, and in Cameron in February.

Other Pertinent Information: Section staff continue to support local planning efforts through regular attendance at LEPC / Local Emergency Planning Districts (LEPD) meetings, and as participants in Regional Homeland Security Oversight Committees as standing committee members or in an ex-officio capacity. Staff have also continued participation in federal-led planning efforts at meetings of RRT, Upper Mississippi River Basin Association (UMBRA), and EPA subareas. Currently, MDNR is coordinating with other state and federal agencies on several topical issues, including harmful algal blooms.

EER as well is involved in updates to the Joint MO and FEMA Region 7 NMSZ Interagency Operational Plan that addresses the threat of a catastrophic earthquake. This Plan will describe in detail the concept of operations and support for response and recovery missions by application of a "whole community" approach.

MDNR is to assist with six pesticide collection events in 2017 using funds from a federal settlement. Events have been scheduled at Portageville, Fairfax, St. Peters, Sikeston, Chillicothe, and Lockwood. The Portageville event occurred on March 11th, and the Fairfax event occurred on March 25th. Details on the program and future events are accessible at http://www.dnr.mo.gov/env/hwp/pesticide/.

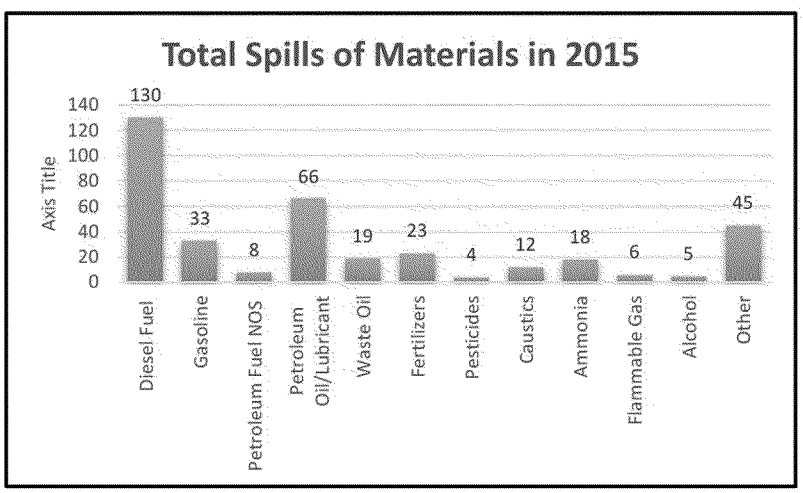
Nebraska Department of Environmental Quality (NDEQ), Kirk Morrow

Significant Incidents/Events/Responses: Morrow reported the following:

Magellan Chemical Pipeline Failure – Tekamah, Nebraska (NE): On October 17th, a catastrophic pipeline rupture occurred, releasing an estimated 7,000 bbls of anhydrous ammonia and leading to an evacuation of persons living within a 2-mile radius of the break. One fatality occurred as a result. The Nebraska Hazardous Incident Team (NHIT) responded and performed two initial entries—one to close valves and one to find/retrieve the victim.

Magellan Gasoline Release – Doniphan, NE: On December 17th, an estimated 1,100 bbls of gasoline were released at a pipeline terminal when an expander coupling failed. Complicating the response was the weather (2 degrees Fahrenheit with winds at 18 miles per hour [mph] and gusts to 29 mph). An NDEQ Emergency Response Team (ERT) member responded. No navigable waterways were impacted.

United Suppliers – Wood River, NE: On March 13th, a west-bound semi-truck on I-80 overturned into the center median. Contents of the truck spilled (a mixed load of Ag chemicals). NDEQ and the NHIT responded and assisted with the initial assessment and decontamination of first responders. No waterways were impacted. Cleanup, disposal, and restoration at the site are progressing with NDEQ oversight.



Metrics/Trends/Challenges: The graph at right represents the most recent publication of spills data as reported by NDEQ. It reflects a consistent trend in types and numbers (369 total) of reported releases.

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Other Pertinent Information: Morrow reported the following:

Keystone XL Pipeline. On February 16, 2017, TransCanada Corporation filed an application with the Nebraska Public Service Commission (PSC), seeking approval for construction of the Keystone XL Pipeline route through NE. The PSC requested that NDEQ review the application, although NDEQ has no formal role in the review process. NDEQ found that the current application is essentially the same as the one NDEQ had evaluated and forwarded to Governor Heineman for review in 2013. NDEQ's comments have been forwarded to the Nebraska PSC.

NioCorp Specialty Materials. NioCorp has proposed development of a mine to extract the rare earth metals niobium, scandium, and titanium. Mining will be implemented via deep wells. In February, a team of NDEQ staff visited the proposed site near Tecumseh. The team also traveled the proposed route of a 30-mile pipeline to the Missouri River that will be used to transport groundwater generated during construction and operation of the mine. EPA Region 7 and environmental agencies in Missouri and Kansas have already expressed interest in how the discharge will be handled. As much as 12,000 gpm of saline water would be discharged from the mine into the Missouri River.

Federal Agency Reports

USDA, U.S. Forest Service, Kurt Muenchow

Muenchow, who was recently assigned as USDA's Primary RRT Representative, reported that he looks forward to meeting the rest of RRT and working with the group.

DOI, Bob Stewart

Personnel Changes: Freshman Congressman Ryan Zinke was appointed Interior Secretary, and Michaela Noble is now the DOI Director in the Washington, D.C. Office. Noble came to the Department from USCG, where she served as the Chief of the Environmental Law Division. Stewart indicated that he plans to retire this summer, and Courtney Hoover will serve as DOI's Primary RRT Representative thereafter.

Significant Incidents/Events/Responses: A train derailment and fire in Graettinger, IA involved an ethanol unit train. In another incident, a reporting issue arose concerning a crude oil discharge of an estimated 12,000 bbls to Ash Coulee Creek near Belfield, North Dakota. EPA R8 applied some innovative response tactics, and in-situ burn operations were used effectively to remediate the site, although national grasslands were impacted by the spill.

Exercises/Trainings: Delivery of an Inland Oil Spills Response Course will occur in Omaha, NE this week.

Metrics/Trends/Challenges: DOI expects a 12 percent budget cut based on the Administration's proposed budget. Currently, imposed travel restrictions will require DOI to participate remotely in future RRT meetings.

USFWS, Dave Mosby

Mosby encountered issues while providing technical assistance during cleanup operations after pipeline spills. Cleanup sometimes entails large-scale tree removal/clearing that can impact certain bat populations. Notably, restrictions on tree-clearing activities are in place from April 1 to November 1, and any tree-clearing efforts would prompt an emergency Endangered Species Act (ESA) Section 7 consultation. Additionally, white-nose syndrome is an emergent disease of hibernating bats that has spread from the northeastern to the central United States. Spread of the disease has resulted in extraordinary efforts to protect trees and bat habitats.

Sac and Fox Nation of Missouri, Mark Junker

Personnel Changes: Kevin Burnison is now the Tribe's Executive Director, and Lisa Montgomery has filled the position of Environmental Director.

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Significant Incidents/Events/Responses: Removal and remediation of failed underground storage tanks were recently completed. U.S. Army Corps of Engineers assisted the Tribe with stabilization of stream bank along Nemaha River in conjunction with removal of an old pipeline at the site.

Metrics/Trends/Challenges: Interoperability issues among the Tribe and other land-mobile radio users persist.

Laws/Regulations/Policies: The Tribe recently completed its multi-hazard mitigation plan and continues work toward attainment of state water quality standards.

Exercises/Trainings: The Tribe will host an Ethics and Data Workshop on April 27, 2017, at the Prairie Band Pottawatomie Casino in Mayetta, KS.

General Services Administration (GSA), Zane Steves

Personnel Changes: Zane Steves of GSA's Office of Mission Assurance (OMA) continues to serve as Acting Deputy Regional Director in Kansas City, and Bobby Deitch was promoted to Western Regional Director.

Significant Incidents/Events/Responses: GSA is assisting with event planning for the WWI Centennial Ceremony that will occur April 6, 2017, at the Liberty Memorial. The guest list includes the President, federal legislators, and cabinet-level staff; former Presidents; Governors; and multiple foreign leaders.

Laws/Regulations/Policies: Changes in GSA's internal security processes are underway. Changes should not affect external partner agencies in any way. Additionally, OMA will now work directly with vendors to vet contractual personnel, rather than relying on a third party to conduct that process.

Exercises/Trainings: GSA participated in the USCG-led ISRRT drill in February.

Anything Else: Ownership of the Bannister Complex will transition to a private entity in or about September 2017.

U.S. Dept. of Commerce / NOAA, Co-Chair Sams on behalf of Adam Davis

Personnel Changes: Outside Region 7, NOAA is hiring a new SSC position in New Orleans, although the recent hiring freeze will likely impact this process. A new SSC assigned to the Great Lakes is due to report for duty in April 2017.

Significant Incidents/Events/Responses: NOAA responded to the Uninspected Towing Vehicle (UTV) Charlie G incident in Granite City, Illinois. NOAA provided a fate and effect assessment for SUMR personnel.

Metrics/Trends/Challenges: Nationally, NOAA's Emergency Response Division provided support for responses to 78 incidents since October 2016.

Exercises/Trainings: Trainings since the last meeting include Shoreline Clean-up Assessment Technique (SCAT) training in Pensacola, Florida, and Science of Oil Spills School during March 27-29 at the Disaster Response Center in Mobile, Alabama (AL).

Other planned trainings include:

- Science of Chemical Releases, April 3-6 at the Disaster Response Center in Mobile, AL (registration is closed). The next course delivery will occur during April 2018. The point of contact (POC) is Adam Davis.

  For more information, go to http://response.restoration.noaa.gov/training-and-education/training/workshops/science-chemical-releases-classes.html.

- Science of Oil Spills School, Seattle, Washington, week of June 19, 2017
- SCAT Training, POCs are Joe Davis, EPA and Adam Davis, NOAA. Once course location and dates are determined, information will be provided to RRT.

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Other Relevant Information: The Office of Water Prediction (OWP) National Water Center is now generating water information by application of its National Water Model (NWM) version 1.0. More information about the NWM is available at http://water.noaa.gov/about/nwm. Because outputs from the first version of NWM do not yet contain information on anthropogenic effects on streamflow, outputs should be viewed with caution. Release of the next version of the NWM is anticipated during spring 2017.

New American Petroleum Institute Report: Options for Minimizing Environmental Impacts of Inland Response. This report was prepared by Jacqueline Michel of Research Planning, Inc., and Mark Ploen of QualiTech. Guidance in the report incorporates lessons learned from spill responses that can minimize environmental impacts of inland oil spills. More information is at http://www.oilspillprevention.org/~/media/Oil-Spill-Prevention/spillprevention/r-and-d/inland/options-for-minimizing-environmental-imp.pdf.

U.S. Department of Transportation / Pipeline and Hazardous Materials Administration (PHMSA), Lisa O'Donnell and Mark Razny

Personnel Changes: Secretary Chow is now in place, and O'Donnell is serving as Acting Regional Director. No other senior leadership has been appointed thus far.

Laws/Regulations/Policies: Razny explained PHMSA's process for obtaining Emergency Special Permits after an emergency incident. Exceptions to the general rules can be granted case-by-case when expeditious cleanup operations are needed (i.e., Airosol fire incident) to mitigate risks to the public and/or responders. A special permit can be granted in but a few hours, particularly if the request occurs shortly after the initial incident. Public agencies and contractors can use phone numbers on PHMSA's website, or call PHMSA Headquarters or the appropriate regional office. Special permits are also granted for post-disaster cleanup operations.

Razny reminded the group that staff situated in the pipeline and hazmat safety divisions of PHMSA maintain expertise in different areas according to the division to which they are assigned. A new PHMSA program has established Pipeline Community Liaisons in each region who can answer questions, participate in exercises, and serve as a single POC for "all things pipeline." In the Kansas City area, call Angela Picket at 816-329-3823 or Sean Quinlan at 816-329-3886.

Exercises/Trainings: Transportation Rail Incident Preparedness and Response (TRIPR) training will be delivered May 23rd in St. Charles, MO. This free 8-hour event has been well received in Region 5 by first responders and emergency managers.

Other Relevant Information: O'Donnell overviewed PHMSA's Hazardous Materials Emergency Preparedness (HMEP) grant program. HMEP provides to states grant funds that pass through to local agencies applying for assistance to conduct commodity flow studies, exercises, and trainings involving hazardous materials (hazmat). PHMSA also administers the Assistance for Local Emergency Response Training (ALERT) grant and the Supplemental Public Sector Training (SPST) grant for non-profits to train firefighters. Anyone with questions concerning these grant programs can contact O'Donnell.

U.S. Department of Health and Human Services (DHHS), Office of the Assistant Secretary for Preparedness and Response (ASPR), Scott Lee

Personnel Changes: Michael Garner was assigned as the new Region 7 Regional Emergency Coordinator. Secretary Price has worked with ASPR staff, and regularly attends national calls.

Significant Incidents/Events/Responses: DHHS continues to work with FEMA and state partners on various public health concerns.

Metrics/Trends/Challenges: DHHS continues to build capacity to respond to Ebola through the Hospital Preparedness Program. While a national bio-containment facility has been in place in NE for some time, a

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network of hospitals has been established to serve as Ebola assessment and treatment facilities. A large-scale, international exercise is planned to move patients (notional) through the network.

U.S. Department of Defense (DOD) / Defense Coordinating Element (DCE) 7, Jon Schlafer

Personnel Changes: New Defense Coordinating Officer Colonel Lou Rago will report to DCE 7 in July.

Significant Incidents/Events/Responses: DOD assisted response efforts to address the KS wildfires, providing a helicopter and aerial fire suppression equipment. Fire apparatus and personnel deployed from McConnell Air Force Base to support KS National Guard in the field.

Exercises/Trainings: The next Vibrant Response Exercise at Camp Atterbury will involve (simulated) detonation of an improvised explosive device in a metropolitan area. DCE 7 is also assisting ongoing planning efforts regarding NMSZ response and recovery operations.

U.S. Department of Labor, Occupational Safety and Health Administration's (OSHA), Dave McDonald

McDonald is new to Region 7, looking forward to working with the group. Secretary and Assistant Secretary positions in the Department have not yet been filled.

U.S. Department of Homeland Security (DHS), Infrastructure Protection Program (IPP), Greg Gardner

Gardner reminded the group that DHS assesses infrastructure in all sectors, including drinking water and waste water facilities. DHS also assists with risk assessments for special events such as the upcoming WWI Centennial Ceremony. In short, his group seeks to identify potentially cascading events that may exert regional or national impacts. Gardner is scheduled to speak at the 2017 Region 7 LEPC/TERC Conference in July.

Subarea Reports

Great Rivers Planning Group, EPA FOSC Heath Smith

- Planning efforts of the Great Rivers Coordination Group continue with collaboration of federal and state agencies from the area surrounding the confluence of the Mississippi and Ohio Rivers. Participants include EPA Regions 4, 5, and 7; USCG Sector Ohio Valley / MSU Paducah; Kentucky Department of Environmental Protection; MDNR; Illinois Environmental Protection Agency; and Ohio River Valley Water Sanitation Commission.
- The group is working on an incident action plan (IAP) for the Paducah/Metropolis area, which is outside Region 7's boundaries. Subsequent planning efforts will focus on a similar IAP for an area partly within Region 7. EPA Region 5 is managing planning activities with input from the larger coordination group.
- Smith queried RRT leadership for direction regarding the Great Rivers Subarea Contingency Plan that remains in draft form. A decision regarding an overhaul of the plan was delayed until a conference call among stakeholders on March 30th.

Greater St. Louis Subarea, EPA FOSC Smith

- A conference call among members is scheduled to discuss revisions to the subarea plan.
- TRIPR training is scheduled for May 23rd in St. Charles, MO.

Quad Cities Subarea, Deselich on behalf of EPA FOSC Joe Davis

- Coordination continues with subarea member agencies to identify exercise and training opportunities where EPA can play a role.

Central KS Wetlands Subarea, EPA FOSC Randy Brown

- A subarea meeting is scheduled for May 4th, when member agencies will discuss a communications exercise to test connectivity in the field among local, state, federal, and private organizations responding to incidents in remote, environmentally sensitive areas within the subarea.

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South Central NE Subarea, EPA FOSC Melinda Luetke

- EPA is scheduled to attend a regional meeting of emergency managers on May 3rd in Grand Island, NE, in an effort to re-establish the group after a fairly long period of inactivity.

Siouxland Subarea, Deselich on behalf of EPA FOSC Randy Schademann

- TRIPR training is currently planned for delivery on August 9th in Onawa, IA. Monthly conference calls are occurring among planning team members. Railroad personnel are assuming a large role in planning and delivery of the training.

Omaha/Council Bluffs Subarea, Deselich on behalf of EPA FOSC Megan Schuette

- TRIPR training in Onawa, IA is planned as a joint event between this subarea and the Siouxland Subarea.
- A summer meeting will be scheduled soon.

USCG FOSC Representative (FOSCR) Reports

SUMR, USCG FOSCR Aaron Frost

Personnel Changes: Sector Commander Captain Martin Malloy will be replaced in early July by Captain Scott Stoermer.

Significant Incidents/Events/Responses: Significant incidents and lessons learned over the past six months include the following:

- UTV CHARLIE G
  - *Product Type/Quantity:* Fuel oil, 20 gallons discharged with a 53,000-gallon spill potential
  - *Cause:* Struck an unmarked, submerged platform
  - *Date:* December 6, 2016
  - *RP:* Marquette Transportation Company
  - *Key Activities:* Grounding the vessel; assessment of damaged hull; installation of dewatering pumps; coordination with the oil spill removal organization (OSRO); and transit up-river to dry dock for permanent repairs.
  - *Lessons Learned:* Importance of early notification and ongoing dissemination of incident information; early response by the OSRO was critical for an effective response; and USCG transit assistance is important to monitor leakage from towed vessels.

Metrics/Trends/Challenges: Since the last RRT meeting, SUMR has received 50 National Response Center (NRC) notifications, with no RRT activations, no Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) responses, and no Oil Spill Liability Act (OSLTF) federal projects.

Exercises/Trainings: Sector personnel attended NOAA's SCAT School, Science of Oil Spills School, and Incident Management Division (IMD) College at Sector Corpus Christi. Sector staff also participated in the recent ISRRT drill, and conducted a government-initiated unannounced exercise (GIUE) in mid-March in conjunction with a notification drill organized by the Upper Mississippi River Spills Group. Additionally, Sector personnel are to attend the Greater St. Louis Subarea meeting in mid-April.

Sector Lower Mississippi River (LMR), USCG FOSCR Mary Dwyer

Personnel Changes: Captain Timothy Wendt is departing as LMR Sector Commander, and Captain Roxanne Tamez will take over in June.

Significant Incidents/Events/Responses: Significant incidents and lessons learned over the past six months include the following:

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- UTV SONNY J
  - *Type/Quantity:* Potential of 4,000 gallons diesel (no product discharged)
  - *Cause:* Vessel sinking
  - *Date:* February 26, 2017
  - *RP:* Vidalia Dock and Storage
  - *Key Activities:* Salvage Pollution Response and Prevention
  - *Lessons Learned:* Providing plan templates to the RP is beneficial, as are communication and maintenance of situational awareness of vessel to ensure effectiveness of pump operations.

Metrics/Trends/Challenges: Since the last RRT meeting, Sector LMR has received 27 NRC notifications, with no RRT activations, no CERCLA responses, and one federal project completed.

Exercises/Trainings: Sector personnel participated in Vertex's annual spill drill, and a GIUE will occur in April. Sector staff attended public relations training, Clean Gulf Conference, NOAA SCAT training, and will attend NOAA's Science of Oil Spills School in early April. LMR staff also attended a hazmat response workshop, participated in RRT-4 and RRT-6 meetings, and will attend an incident management assistance team (IMAT) workshop in August.

MSU Paducah, USCG FOSCR Dale Hendren

Personnel Changes: Commander Mark Sawyer is now Commander.

Significant Incidents/Events/Responses: Significant incidents and lessons learned over the past six months include the following:

- Facility, First Missouri
  - *Type/Quantity:* 10 gallons diesel
  - *Cause:* Fuel transfer hose failure
  - *Date:* January 17, 2017
  - *RP:* First Missouri
  - *Key Activities:* Investigation and coordination with the RP
  - *Lessons Learned:* RP failed to report spill and discharge to Mississippi River, which delayed response actions.

Metrics/Trends/Challenges: Since the last RRT meeting, MSU Paducah has received 41 NRC notifications, with no RRT activations, no CERCLA responses, and no federal projects.

Exercises/Trainings: Sector staff attended various ICS courses from September to March, as well as Oil Spill Response School, NOAA's SCAT, and rail response training in February. In terms of exercises, Sector personnel attended the Inland Waterways Conference, Clean Waterways General Session on the PREP. Personnel will also attend the Salvage Forum, Situation Unit Leader and Resource Unit Leader training, upcoming LEPC meetings, and the RRT-4 meeting. The Unit is also involved in the Great Rivers Spill Coordination group meeting to develop geographic IAPs cited previously.

Certificate of Appreciation and Achievement

Buchholz and Sams presented Stewart with a certificate to commemorate 50 years of public service at DOI and his contributions to the RRT since its inception. Stewart, who plans to retire this summer, was congratulated by Sams and Buchholz, as well as numerous RRT members in attendance who concluded the ceremony with great applause and many personal thanks to Stewart.

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Exercise Report Out

Dave Williams, Alternate EPA RRT Co-Chair, reported on an upcoming joint response exercise involving Regions 6 and 7 staff to be led by FOSC Davis and FOSC Nold. The 5-day exercise will occur in late September at the Missouri State Emergency Management Agency's primary facility and surrounding property. Williams said a funding request for this effort has been submitted; however, funding has not yet been allocated.

Nold reported that he had attended a meeting with multiple federal, state, and local agencies in Manhattan, KS, concerning the national bio- and agro-defense facility that will soon come on line. A larger meeting is scheduled for October when the group will talk about a table-top exercise (TTX) series.

Co-Chair Sams said USCG recently engaged with representatives of Mexico in an exercise to test and maintain the MEXUSGULF Annex to the MEXUS Plan. The exercise tested response and command/control operations pertaining to a simulated discharge at/near the maritime boundary line. The exercise was PREP-compliant and fulfilled Anadarko Petroleum Corporation's exercise requirements for equipment deployment. The scenario involved a simulated loss of source control during a drilling operation that resulted in a discharge threatening waters of the Mexican exclusive economic zone. USCG deployed several National Strike Force (NSF) assets, activated the NSF Coordination Center, and utilized USCG's IMAT personnel. Because the exercise was also designed to evaluate emergency public information capabilities, USCG deployed the Public Information Assist Team (PIAT) to support incident messaging and evaluate joint information center (JIC) operations that involved staff from numerous agencies and organizations participating in the exercise.

Derek Lampkin of Burlington Northern – Santa Fe Railways reported on an exercise series led by the Dubuque Community Awareness and Emergency Response (CAER) group. CAER also conducts training and maintains equipment readily available to respond to hazmat/oil emergencies along the Mississippi River. The next CAER exercise/training event will be in Belleview, IA, and will include a TTX component and hands-on training with equipment from trailers staged along the river for responders' access. Notably, CAER utilizes boom and other equipment donated by USCG. Lampkin said that OSROs are not plentiful in/around the area, and thus these trainings are an important element in river response preparedness in northwest IA.

Day 1 Presentations

- ***USCG-led Notification and Incident-Specific RRT Exercise – USCG RRT Co-Chair Mike Sams***
  See "Day1 0830-0900 CG-Led Notification-ISRRT Drill" at http://www.epaosc.org/R7RRT
- ***Integrated Pest Management, Mosquitoes, and Zika Virus Training – ATSDR Health Officer Cory Kokko*** – See "Day1 1430-1515 Zika Virus" at http://www.epaosc.org/R7RRT
- ***EPA National Incident Management Assistance Teams – EPA RRT Alternate Co-Chair Dave Williams***
- ***RRT 101: Tribal Emergency Contacts Plan/Notification – EPA Region 7 Division of Tribal Affairs Stanley Holder, and EPA OSC and RRT Coordinator Nold***
  FOSC Nold and Holder described an emergency contacts list developed for Region 7 Tribes. Holder's office contacted Tribes' environmental personnel and emergency coordinators to determine who should be included on the list. During this process, EPA also provided guidance on the application process for Tribes to receive NRC notifications. EPA Region 7 will update the EPA notification list quarterly to include Tribes headquartered outside Region 7 that own land within Region 7. Buchholz said an EPA FOSC is also assigned to each Tribe to ensure outreach is maintained with a consistent POC. RRT Coordinator Nold then reviewed the contacts list with the group. Buchholz reminded meeting attendees of EPA's geographic information systems (GIS) applications, and use of these tools by EPA Phone Duty Officers who receive the NRC's initial notifications.
- ***EPA Crisis Commination Plan – Curtis Carey of EPA Region 7 and David Gray of EPA Region 6***
  See "Day1 1545-1615 EPA Crisis Coms Plan_PIAT" at http://www.epaosc.org/R7RRT
- ***EPA National Mercury Guidance Document Review – EPA OSC and RRT Coordinator Eric Nold***

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Meeting Recess

After Buchholz reviewed the next day's agenda, the session recessed at 16:55.

Thursday, March 30th

At about 0800, Sams opened the meeting by thanking the previous day's presenters and briefly reviewing the agenda. He then turned the floor over to FOSC Todd Campbell and Bob Jurgens of KDHE to deliver the first of several presentations scheduled for Day 2 of the meeting.

Day 2 Presentations

- ***Airosol Inc. Response – KDHE Section Chief Jurgens, EPA Region 7 FOSC Campbell, and KDEM Technological Hazards Section Chief David Whitfill*** – See "Day2 0810-0855 Neodesha Explosion_EPA-KDHE" and "Day2 0810-0855 Neodesha Explosion_KDEM" at http://www.epaosc.org/R7RRT
- ***Changing Floodplain Maps – Dr. Robert Holmes, USGS***
- ***EPA Support for the Las Vegas Junior High School Mercury Spill Response – EPA Region 10 OSC Randy Nattis*** – See "Day2 0950-1055 EPA Assist_ LV Jr High Hg Response" at http://www.epaosc.org/R7RRT
- ***Chemical, Biological, Radiological, Nuclear Consequence Management Advisory Team – Leroy Mickelson*** – See "Day2 1105-1130 EPA CMAD Subway Experiments_pt1 and pt2" at http://www.epaosc.org/R7RRT
- ***RRT 101: DOE/NNSA – NNSA Environmental Health and Safety Manager Sybil Chandler*** See "Day2 1300-1345 RRT 101_DOE-NNSA" at http://www.epaosc.org/R7RRT
- ***Fort Calhoun Nuclear Station: Decommissioning – EPA Region 7 Health Physicist Charles Hooper*** See "Day2 1330-1345 Ft Calhoun Nuclear Station Decommission" at http://www.epaosc.org/R7RRT

Future Meeting Dates

The RRT meeting schedule is as follows:

- Fall 2017: Kansas City, EPA Training & Logistics Center (TLC [the Cave]), September 13/14 (confirmed)
- Spring 2018: EPA TLC, March 27/28 (proposed)
- Fall 2018: EPA TLC, September 12–13 (proposed)
- Spring 2019, Oklahoma City, Oklahoma, Joint Region 6/7 Meeting (visionary)

Adjournment

Buchholz and Sams thanked the group for its participation and attendance. Nold reminded the group that pertinent documents and meeting presentations will be posted to the RRT website. The meeting adjourned at 1345.

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Meeting Attendees

Last Name	First Name	Organization	Phone	Email	March 29th Attendance	March 30th Attendance
Arons	JoEllen	USCG, Atlantic Strike Team	609-724-0008	joellen.m.arons@uscg.mil	X	X
Blunk	Terri	EPA Region 7 - CORP Branch	913-551-7013	blunk.terri@epa.gov	X	
Broughton	Adam	IDNR	515-725-0386	adam.broughton@dnr.iowa.gov	X	X
Brown	Randolph	EPA Region 7	913-551-7978	brown.randolph@epa.gov	X	X
Bryan	David	EPA Region 7	913-551-7433	bryan.david@epa.gov	X	
Bryant	Dianna	Institute for Rural EM / UCM	660-543-4971	bryant@ucmo.edu	X*	X*
Buchholz	Ken	EPA Region 7 - RRT Co-Chair	913-551-7473	buchholz.kenneth@epa.gov	X	X
Burch	Cris	Norfolk Southern Railroad Corporation	217-420-0139	cristofer.burch@nscorp.com	X	X
Campbell	Todd	EPA Region 7	913-551-7115	campbell.todd@epa.gov		X
Carey	Curtis	EPA Region 7	913-551-7506	carey.curtis@epa.gov	X*	
Chandler	Sybil	DOE / NNSA	816-488-3417	sybil.chandler@nnsa.doe.gov		X
Charles	Hooper	EPA Region 7	913-551-7271	hooper.charlesa@epa.gov	X	X
Daise	Jeffrey	EPA Region 7	913-551-7741	daise.jeffrey@epa.gov		X
Dalton	Joshua	Defense Coordinating Element VII	210-247-8862	joshua.l.dalton.mil@mail.mil	X	X
Deckard	Jared	U.S. Army Corps of Engineers	816-389-3746	jared.m.deckard@usace.army.mil	X	
Deselich	Eric	R7 START / Tetra Tech	816-665-9088	eric.deselich@tetratech.com	X	X
Dom	Joseph	KDHE	785-296-4367	joe.dom@ks.gov	X	X
Dwyer	Mary	USCG, Sector Lower Mississippi River	901-521-4747	mary.m.dwyer@uscg.mil	X*	
Eskelsen	JoAnn	U.S. EPA / ERT	702-784-8006	eskelsen.joann@epa.gov	X*	
Ferguson	Doug	EPA Region 7	913-551-7221	ferguson.doug@epa.gov	X	
Flynn	Nichelle	USCG, Atlantic Strike Team	609-724-0008	nichelle.l.flynn@uscg.mil	X	X
Foltz	Chris	NOAA - National Weather Service	816-833-6299	christopher.foltz@noaa.gov		
Frost	Aaron	USCG, Sector Upper Mississippi River	314-269-2566	aaron.m.frost@uscg.mil	X	X
Gardner	Greg	DHS Infrastructure Protection	785-213-6792	greg.gardner@hq.dhs.gov	X	X
Garner	Mike	DHHS/ASPR/R7	301-356-4673	micheal.garner@hhs.gov	X	
Gibbs	Eric	EPA Region 7	913-551-7790	gibbs.eric@epa.gov	X	
Goodman	Stephanie	KDEM	785-646-1423	stephanie.m.goodman2.nfg@mail.mil	X	X*
Gray	David	EPA Region 6	214-665-8120	gray.david@epa.gov	X*	
Hall	Dana	DHHS/ASPR	816-426-2828	dana.hall@hhs.gov	X*	
Harris	Brad	MDNR	573-644-3226	brad.harris@dnr.mo.gov	X	X
Heath	Smith	EPA Region 7	816-718-4277	smith.heath@epa.gov	X*	
Heintzelman	Harry	KDEM	785-274-1408	harry.p.heintzelman.nfg@mail.mil	X*	X*
Hendren	Dale	USCG, MSU Paducah	270-442-1621	dale.r.hendren@uscg.mil	X*	

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Last Name	First Name	Organization	Phone	Email	March 29th Attendance	March 30th Attendance
Hinck	Jo Ellen	U.S. Geological Survey	573-876-1808	jhinck@usgs.gov	X	X
Hokanson	Dave	Upper Mississippi River Basin Assoc.	651-224-2880	dhokanson@umrba.org	X*	
Holmes	Robert	U.S. Geological Survey	573-308-3581	rholmes@usgs.gov		X*
Hoover	Courtney	Department of the Interior	303-445-2503	courtney_hoover@ios.doi.gov	X	X
Johnson	James	EPA Region 7	913 551 7058	johnson.james@epa.gov	X	X
Junker	Mark	Sac and Fox Nation of Missouri	785-742-4706	mark.junker@sacfoxenviro.org	X	X
Jurgens	Bob	KDHE	785-296-1914	bob.jurgens@ks.gov	X	X
Kokko	Cory	DHHS/ATSDR	913-551-1312	kokko.cory@epa.gov	X	
Lampkin	Derek	BNSF Railway	612-760-1365	derek.lampkin@bnsf.com	X	
Larson	Kevin	EPA Region 7	913 551-7808	larson.kevin@epa.gov	X	X
Lee	Scott	DHHS/ASPR/R7	913-721-6565	scott.lee@hhs.gov	X	X
Luetke	Melinda	EPA Region 7	816-516-4484	luetke.melinda@epa.gov	X	X
Mark	Aaron	EPA Region 7	913-551-7205	aaron.mark@epa.gov	X	X
Mickelson	Leroy	EPA OEM - CMAD	919-937-7011	mickelson.leroy@epa.gov	X	X
Morrow	Kirk	NDEQ	402-471-8584	kirk.morrow@nebraska.gov	X	X
Mosby	Dave	U.S. Fish & Wildlife Service	573-234-2132	dave_mosby@fws.gov	X*	
Muenchow	Kurt	USDA - Forest Service	303-275-5201	kmuenchow@fs.fed.us	X*	X*
Nattis	Randy	EPA Region 10	415-940-1108	nattis.randy@epa.gov		X*
Ndiaye	Fatima	EPA Region 7	913-551-7383	ndiaye.fatimatou@epa.gov	X	
Nold	Eric	EPA Region 7 - RRT Coordinator	913-551-7488	nold.eric@epa.gov	X	X
O'Donnell	Lisa	PHMSA	202-366-6415	lisa.o'donnell@dot.gov	X	X
Peterson	Mary	EPA Region 7	913-551-7882	peterson.mary@epa.gov	X	X
Peterson	Todd	USCG D8 - RRT Coordinator	504-671-2232	todd.m.peterson@uscg.mil	X	X
Razny	Mark	PHMSA	816-329-3802	mark.razny@dot.gov	X	X
Sams	Michael	USCG D8 - RRT Co-Chair	504-671-2234	michael.k.sams@uscg.mil	X	X
Schlafer	Jon	Defense Coordinating Element 7	210-295-5264	jon.d.schlafer.civ@mail.mil	X	X
Schumacher	John	USGS Missouri Water Science Center	573-308-3678	jschu@usgs.gov	X	
Snook	Jessi	KDHE	785-296-6342	jessica.snook@ks.gov	X*	
Steves	Zane	GSA Office of Mission Assurance, KC	816-332-8195	zane.steves@gsa.gov	X	X*
Stewart	Robert	Department of the Interior	303-445-2500	robert_f_stewart@ios.doi.gov	X	X
Suleiman	Gibran	U.S. Fish & Wildlife Service	785-539-3474	gibran_suleiman@fws.gov	X	X
Wallace	James	Phillips 66	832-765-1693	james.wallace@p66.com	X	
Weber	Robert	EPA Region 7	913-551-7918	weber.robert@epa.gov	X	X*
Whitfill	David	KDEM	785-274-1394	david.j.whitfill.nfg@mail.mil	X	X

Last Name	First Name	Organization	Phone	Email	March 29th Attendance	March 30th Attendance
Williams	David	EPA Region 7 - RRT Alternate Co-Chair	913-551-7625	williams.dave@epa.gov	X	
Williams	Spencer	DHHS/ATSDR	913-551-1310	spencerw@cdc.gov	X	

Notes:

*	Participated remotely by phone
ASPR	Office of the Assistant Secretary for Preparedness and Response
ATSDR	Agency for Toxic Substances and Disease Registry
BNSF	Burlington Northern–Santa Fe Railway
CDC	Centers for Disease Control
CMAD	Consequence Management Advisory Division
CORP	Chemical & Oil Release Prevention
DHHS	U.S. Department of Health and Human Services
DHS	U.S. Department of Homeland Security
DOE	U.S. Department of Energy
EM	Emergency Management
EPA	U.S. Environmental Protection Agency
ERT	Emergency Response Team
IDNR	Iowa Department of Natural Resources
KDEM	Kansas Division of Emergency Management
KDHE	Kansas Department of Health and Environment
MDNR	Missouri Department of Natural Resources
MSU	Marine Safety Unit
NDEQ	Nebraska Department of Environmental Quality
NNSA	National Nuclear Security Administration
NOAA	National Oceanic and Atmospheric Administration
OEM	Office of Emergency Management
PHMSA	U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration
R7	Region 7
RRT	Regional Response Team
START	Superfund Technical Assistance & Response Team
UCM	University of Central Missouri
USCG	U.S. Coast Guard

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