

MEETING MINUTES

REGIONAL RESPONSE TEAM 7 SPRING 2018 MEETING

8600 NE Underground Road, Pillar 253, Kansas City, Missouri 64141

March 28-29, 2018

Wednesday, March 28th

A meeting of Region 7 Regional Response Team (RRT)-7 member agencies and regional stakeholders convened at 08:00 on March 28, 2018, 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

Sams described tentative plans for a joint meeting between RRT-7 and Region 6 Regional Response Team. The meeting would likely convene in Oklahoma City, Oklahoma, in April 2019 and allow one day for normal business and a second day for collaborative activities (i.e., tabletop exercise) among all member agencies. Sams asked RRT-7 members to contemplate their attendance at the joint meeting and whether this would be feasible given time and travel restraints in place at some agencies. He added that remote participation via tele- and video-conference would be available for those who cannot attend in person. Sams requested that members provide feedback on the proposed joint meeting over the next two days to assist RRT-7 leadership with this decision. If interest is low in a joint meeting in Oklahoma, RRT-7 would meet as usual in March 2019 at the usual Kansas City location. Buchholz added that the two regions provide mutual response support, and he emphasized the value of building familiarity among state and federal players who will continue to provide backup support during responses to events like Hurricane Harvey.

Moving on, Sams asked attendees whether additional corrections were needed to minutes of the last meeting. Several revisions had been requested and were to be completed immediately following the current meeting. Pending these revisions, Sams said the minutes would be finalized and accepted by the Co-Chairs.

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 16.

Defining Environmentally Sensitive Areas (ESA). EPA Federal On-Scene Coordinator (FOSC) Jeff Pritchard reported on considerations to add more detail language to the formal definition of ESA. The definition affects several aspects of the Region 7 Regional Integrated Contingency Plan (RICP) related to regulation of oil facilities. An ESA is currently defined in ecological terms and does not account for human populations, wellhead protection areas, and other areas potentially vulnerable to a petroleum spill/discharge. Pritchard explained that RRTs have authority to redefine what constitutes an ESA within their respective regions to include these features; however, no determination has been made in Region 7 to change the definition. The issue currently is under consideration by the EPA Region 7 Office of Regional Counsel. A sub-committee likely will be established to examine the issue and offer a recommendation to RRT-7 for consideration.

Regional Tribal Operations Committee (RTOC). Lisa Montgomery, Environmental Director of the Sac and Fox Nation of Missouri in Kansas and Nebraska, reported that an RTOC meeting is scheduled for April 17th and 19th. Leadership training will occur, and RTOC members will review interpretations of court decisions and policy statements related to Waters of the U.S. (WOTUS) rulemaking. Montgomery also indicated that Tribal spill response contacts for Region 7 are up to date and have been shared with partner organizations, including RRT-7 members.



Review of RRT-7 Priorities

Sams explained that the RRT-7 Executive Committee maintains an ongoing list of priorities and is seeking input from the larger group on these efforts. RRT-7 priority activities were presented as follows:

Priority 1 –RICP Update: 2018 annual updates to the RICP will be completed within the next day or two. Whether minor or substantive edits (every 5 years) are undertaken in a given year, requested revisions are due to EPA RRT-7 Coordinator Eric Nold in June for review/acceptance in September and plan finalization in January.

Priority 2 – Determine Future of Great Rivers Subarea: Standing and future viability of the Great Rivers Subarea remains under consideration by the Executive Committee. Inter-regional conversations continue among stakeholders, and certain planning efforts have continued through a smaller group of agencies associated with the subarea.

Priority 3 – Monthly RRT-7 Executive Committee Teleconferences: Monthly teleconferences continue as planned among RRT-7 Executive Committee members to ensure ongoing and effective administration of the RRT-7.

Priority 4 – Incident-Specific Conference Calls: While no recent incidents have required an incident-specific RRT-7 activation, an incident summary template is in place to document decisions and response actions, and provide status updates. Member agencies can access information about real-world incidents and exercise summaries at the RRT-7 website.

Priority 5 – Develop Inland Shoreline Cleanup and Assessment Technique (SCAT) Course: EPA FOSC Joe Davis said SCAT training will occur during May 15-17, 2018, in St. Louis, Missouri. Prospective attendees should apply by emailing Adam Davis (adam.davis@noaa.gov) of National Oceanic and Atmospheric Administration (NOAA) or EPA FOSC Heath Smith (smith.heath@epa.gov).

Joe Davis later indicated that the EPA Region 6/7 Joint Full-Scale Exercise (FSE) was tentatively rescheduled to the week of September 17-21, 2018. He said that information and skills acquired through the upcoming SCAT training would be used by exercise participants in the field during the FSE. Federal, state, and local participation is anticipated, with a large Incident Command System (ICS) component, and work in coordination with several field operations. EPA continues to work with Missouri State Emergency Management Agency (SEMA) to secure the State Emergency Operations Center (SEOC) and nearby lands for exercise play; however, a scheduling conflict with SEMA may prevent use the SEOC. Thus, the Exercise Planning Team is coordinating with the State of Kansas to arrange a backup location for the FSE, if needed. Nold added that targeted outreach will occur to state and local agencies to increase exercise participation among these partners.

Adam Davis said he would provide a training flyer with logistical information for posting to the RRT-7 website. He indicated that some participation from Region 5 was expected, and that he would coordinate with state representatives throughout the RRT-7 meeting to address questions. Adam Davis noted that a standard SCAT team curriculum would be delivered during the 3-day course. Targeted audiences for the training include field personnel from agencies that traditionally occupy Command and General Staff positions within Unified Command during a response; these personnel include federal, state, Tribal, and landowner representatives.

Open Forum: Sams opened the floor to meeting attendees for discussion of any pertinent issues that may be of interest to the group. No questions were raised; however, Sams encouraged attendees to bring up any issues of concern during the remainder of the meeting.

RRT-7 Standard Operating Procedures (SOP). Sams reported minor revisions to the group's SOP since the previous meeting. RRT-7 member organizations listed in the SOP were updated to mirror those listed in the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). Moreover, Tribes were added to the organization list to clearly indicate that participation during incident-specific RRT-7 activations would be sought from Tribes, as warranted by the incident.



State Agency Reports

Iowa Department of Natural Resources (IDNR), Adam Broughton

Personnel Changes: IDNR's Field Services and Compliance Bureau is dealing with recent departures of two staff in southeast Iowa, four in northeast Iowa, and one in south-central Iowa. Additionally, four of six supervisors are eligible to retire, and overall, IDNR anticipates a 25-percent staff turnover during the next five years. Due to hiring restrictions, approval from IDNR leadership is required to fill vacant positions. In recent months, IDNR has filled open, full-time positions at a rate of about 50 percent.

Significant Incidents/Events/Responses: A Union Pacific train derailed southeast of Graettinger, Iowa, at Jack Creek just before 0100 hours on March 10, 2017:

- Twenty cars of the 101 cars derailed. Several cars caught fire, and five tanker cars entered the creek.
- An unknown quantity of ethanol was discharged to the creek at the time of the accident.
- During cleanup operations on March 13th, another 1,600 gallons of ethanol was discharged to the creek.

In a separate incident, a Magellan pipeline discharged diesel fuel near Hanlontown in north-central Iowa 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 48,830 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. In total, about 33,000 gallons of product was recovered.

Another incident occurred at a fuel supply facility with an attempt to fill a 2,000-gallon tank with 6,000 gallons of diesel. Almost all of the 4,000 gallons of diesel spilled, but was confined by secondary containment barriers around the tanks. Additionally, farm cooperative workers damaged a 1,000-gallon propane tank at a construction site, resulting in release of the tank's entire contents to the atmosphere.

Metrics/Trends/Challenges: 546 spills were reported in 2017—up from 510 reported the previous year. Seventy-eight incidents impacted or threatened to impact surface waters in 2017, by incident source as follows:

- 42 fixed facility
- 28 transportation
- Two railroad
- One fire-related incident
- Five other (e.g., dumping, severe weather, unknown, etc.).

As of March 27th, Tier II reports had been filed by 4,296 facilities, down from 4,308 the previous year.

Laws/Regulations/Policies: Within the next few months, IDNR will review its after-hours notification and response processes:

- Review stems from changes in collective bargaining that occurred in July 2017.
- Review includes different programs that utilize the field office reporting hotline.
- Will seek to answer the following questions:
 - Is IDNR receiving all appropriate notifications?
 - When notifications are received, how do personnel actually respond? Does this differ in any way from how IDNR should respond?

Kansas Department of Health and Environment (KDHE), Joe Dom and Jeff Janzen

Personnel Changes: Dom reported that Leo Henning had been named Director of KDHE's Division of Environment on March 12th following the retirement of John Mitchell. In related moves, Bob Jurgens was assigned Director for KDHE Bureau of Environmental Remediation to replace Leo Henning; and Dom took the place of Jurgens as Chief of the Assessment and Restoration Section. Janzen joined the KDHE Spills Program in May 2017 as Spills Coordinator. Contact information pertaining to these individuals is as follows:

- Henning leo.henning@ks.gov (785) 296-1535
- Jurgens bob.jurgens@ks.gov (785) 296-1662
- Dom joe.dom@ks.gov (785) 296-1914
- Janzen jeffery.janzen@ks.gov (785) 368-7301

KDHE's Spills Program was moved under the Site Response Unit in the Assessment & Restoration Section, as part of a Bureau-wide reorganization. Dom remains involved as Section Chief, while Darryl Morgan breaks in as the new Unit Manager for program. With the reorganization, a new Section was created within the Bureau, the Redevelopment Section, composed of the Voluntary Cleanup, Long-Term Stewardship, Brownfields, and Surface Mining Programs. Additionally, Ashley Clemons has joined Kansas Division of Emergency Management (KDEM) as the new Spill Program Coordinator.

Significant Incidents/Events/Responses: On September 6, 2017, KDHE was notified of an oil discharge to Slate Creek in Sumner County caused by vandals shooting at 5-gallon buckets of oil. A cleanup contractor was contacted to perform the cleanup. The Environmental Stewardship Fund was used to complete the remediation.

In another incident, KDHE was notified on February 2, 2018, of four sites in Rush County where a brine/crude oil mixture had been illegally dumped. Staff from KDHE's Northwest District Office responded to assess the sites. Because no responsible party (RP) could be identified, KDHE contracted with GSI Engineering to perform the cleanup. At three sites, removal of contaminated soil and backfill with clean material were necessary. In total, 317 tons of contaminated soil was removed, and one culvert was removed/replaced. The Environmental Stewardship Fund was tapped to complete the remediation. Later, another site was discovered in Rush County, believed connected to the original four sites. Remediation at this location continues.

Metrics/Trends/Challenges: Spills and environmental responses since September 2017 include the following 925 spills reported to the State of Kansas:

- 114 pipeline spills (all relatively minor in volume)
- 46 railroad spills
- Four aircraft
- 209 other transportation source
- 33 aboveground storage tanks (AST)
- 510 facilities, transformers, and other fixed sources
- Eight underground storage tanks (UST)
- Unknown source (e.g., source not listed in database).

Bureau reorganization has brought new staff into the Spills Program. Training is acclimating Morgan (Site Response Unit Chief) and Samuel Boaz (alternate spill line staffer) to spill reporting processes and program operations. Additionally, KDHE continues to utilize the Environmental Stewardship Fund for emergency response actions.

Laws/Regulations/Policies: KDHE is working to revise spill reporting regulations in Kansas. A stakeholder group has met and provided suggestions for KDHE to proceed with changes. Internal discussions are underway, and a second stakeholder meeting is planned for the near future.

Exercises/Trainings: Stephanie Goodman of the Kansas Department of Emergency Management (KDEM) will host Basic WebEOC and Spills Database trainings in each state region. Training content and logistics are under development, but delivery dates are not yet identified.

Other Pertinent Information: Goodman accepted the position of WebEOC Administrator. She continues to serve as point of contact for communication with our technology contractor regarding WebEOC issues.

Missouri Department of Natural Resources (MDNR), Brad Harris

Personnel Changes: The Environmental Emergency Response (EER) Section is fully staffed with 21 State On-Scene Coordinators (SOSC) and one Section Chief.

Significant Incidents/Events/Responses: Higher profile incidents addressed by EER Section staff since the last RRT-7 meeting include the following:

- The section continues to monitor emissions at the Bridgeton Landfill on a 24-hour basis.
- Several abandoned drums were discovered by a landowner in Dallas County in April 2017. SOSCs from the Springfield Office worked with the property owner and EPA Region 7 to complete the removal.
- The Section coordinated a response to historic flooding in April in the southern portion of the State. Numerous river basins were involved. MDNR coordinated response activities focused on orphaned container and debris cleanup while addressing numerous drinking water and wastewater issues.
- A flash flood in late May 2017 displaced several motor vehicles from a used car lot that were eventually deposited in Lake Taneycomo near Branson. Ongoing sheen and risks of collision to boaters required that MDNR ask the car lot owner to remove the cars with oversight by SOSCs from the Springfield Office.
- A crude oil production and storage company was responsible for two separate releases at the Missouri/Kansas border in Vernon County in May and July 2017. The releases flowed from the facility in Missouri to a waterway in Kansas.
- Several drums of automotive paint waste and roofing tar were found dumped in a road ditch very near the Bourbeuse River in Gasconade County. Local firefighters and emergency management officials worked with SOSCs to clean up a small spill and remove the drums. EPA Region 7 removed the drums from a state-owned holding area for later disposal.
- Several drums of furniture-grade paint waste were dumped into and around a pond on private property near Middletown in Montgomery County. Department SOSCs responded with an EPA Criminal Investigation Division (CID) officer to investigate, sample, and overpack the drums. The drums were moved to MDNR's emergency temporary storage facility at Route 66 State Park. EPA CID officers may charge the dumper and original waste generator. Because the waste generator refused to properly dispose of the waste drums, MDNR hired a contractor to dispose of the drums.
- Two commercial trucks collided in Marion County in December, and 3,000 gallons of vegetable oil was released to the highway right-of-way. The SOSC ensured that the RP hired a contractor to conduct a cleanup. The oil did not impact any waterway.

Metrics/Trends/Challenges: In calendar year (CY) 2017, the Missouri Environmental Emergency Response Tracking System (MEERTS) received notice of 1,124 incidents via the Department's 24-hour reporting line. Methamphetamine-related incidents continued to trend downward (122 calls for service), while 71 continuous release reports were received involving agricultural (ag) facilities. The 24-hour spill reporting line was also called regarding 931 other incidents. Staff made 285 on-scene responses during this timeframe, equating to a 30.6 percent response-to-call ratio for calls documented in MEERTS. In this same period, staff documented 409 outreach events throughout the State, and answered 414 calls for technical assistance.

Section staff continue to support local planning efforts through regular attendance at Local Emergency Planning Committee / District meetings, and participation 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-7, Upper Mississippi River Basin Association (UMBRA), and EPA subareas.

MDNR assisted with six pesticide collection events in 2017 using funds from a federal settlement. These events involved 224 participants and collection of 84,724 pounds of material. Six more events were scheduled for 2018—at Portageville, Bethany, Palmyra, Perryville, Nevada, and Jefferson City. The Portageville event occurred on March 10th, and approximately 50,000 pounds of pesticides was collected. Details on the program and future events are available at: <http://www.dnr.mo.gov/env/hwp/pesticide/>.

During CY 2017, the EER Section recovered \$24,713 from 22 RPs for costs incurred at spill sites where the EER Section had responded to provide oversight and/or cleanup resources. MDNR continues to coordinate with federal agencies and other states on several emerging issues, including harmful algal blooms.

Laws/Regulations/Policies: EER Section staff participated in the State’s “red tape reduction efforts” to reduce unnecessary regulations/laws.

Exercises/Trainings: EER Section staff have delivered seven chemical suicide classes to local first responders. Additionally, MDNR and state partner agencies continue to provide Modular Emergency Radiological Response Transportation Training (MERRTT) to response agencies along Missouri’s primary transportation corridors. EER Section staff delivered three of these training courses in 2017. The training is geared toward local response officials to better prepare communities to respond to a transport-related radiological incident. More MERRTT courses are under development. The EER Section also provided three internal training events in 2017, designed to keep staff current on certain topics, fulfill requirements of the section training plan, provide networking opportunities with outside training providers, and ensure that staff maintain response readiness.

Other Pertinent Information: Construction was completed of MDNR’s Macon Office, which provides adequate office and garage space for the SOSC stationed there. The following equipment purchases also occurred:

- The EER Section recently was awarded a grant to replace outdated chemical warfare detection instruments. Older APD 2000 meters were replaced with Smith’s Detection LCD 3.3 meters.
- New thermal imaging cameras were purchased that feature color-screen cameras and allow users to save video and still images.
- Another FLIR Identifinder was added to the radiological detection equipment cache in Kansas City.
- The Section recently obtained a small covered trailer to store/transport mercury response equipment.

Nebraska Department of Environmental Quality (NDEQ), Kirk Morrow

Personnel Changes: Doug Barry, formerly of the Water Quality Division, has been assigned as NDEQ’s Process Improvement Coordinator. Barry is responsible for oversight of the State’s Lean Six Sigma process improvement efforts. He now works directly for Kara Valentine, Deputy Director of the Land and Air Division. The Field Services and Assistance Division (FSAD) and its Associate Program Director (Joe Francis) have been reorganized under the Land and Air Division and the Water Division (Steve Goans Deputy Director). Emergency response activities are also coordinated under FSAD.

The Nebraska Department of Health and Human Services (NDHHS) Drinking Water Program has relocated its operations to NDEQ’s offices. Howard Isaacs recently retired from the Division Administrator position. Andy Kahle is currently Acting Administrator of NDHHS.

Significant Incidents/Events/Responses: Morrow reported the following events since the last RRT-7 meeting:

Eppley Airfield, Omaha – On March 9, 2018, NDEQ was notified of an overfill of a 20,000-gallon-capacity AST. An estimated 10,500 gallons of jet-A fuel was released. The Airport Authority Fire Department responded to the release. No fuel reached storm sewers, and a nearby pump station was monitored for contamination. A member of NDEQ’s Emergency Response Team also responded to the incident.

Nebraska Public Power Cooper Nuclear Plant (Brownville) – On November 14, 2017, the Nuclear Regulatory Commission (NRC) issued a notice of an unusual event based on reports from plant officials involving a coolant leak. Hydrogen used to cool turbines was the source of the leak. No safety issues were posed by the incident, and the plant continued to operate during the release. Notably, in March 2017, NRC conducted a special inspection of

the plant following discovery that two heat removal systems (primary and backup) had been allowed to disengage at the same time during repairs.

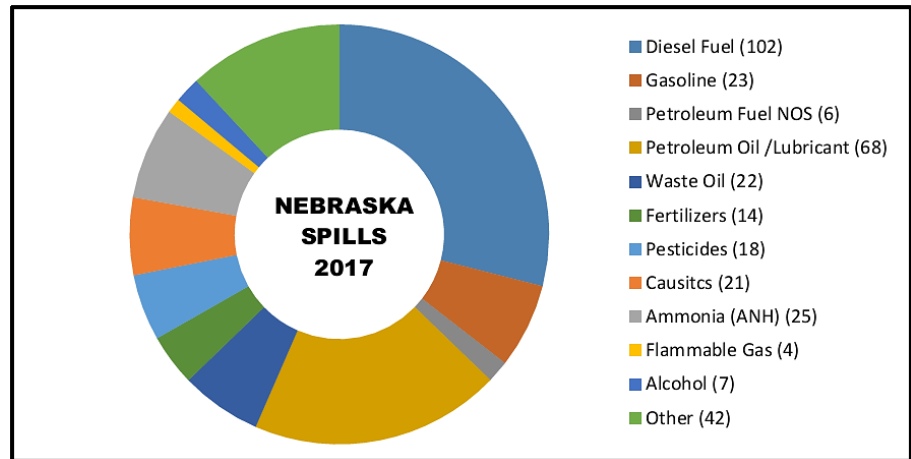
Metrics/Trends/Challenges: A review of environmental spills, complaints, and problems reported to NDEQ in CY 2017 is illustrated in the chart below. The data indicate that NDEQ recorded 352 releases. This reflects a typical year for the number of reported releases. In addition to releases, NDEQ recorded 459 complaints during CY 2017. This number is consistent with previous years (425 complaints in 2015 and 452 complaints in 2016).

Laws/Regulations/Policies:

NDEQ Field Offices in Chadron and Norfolk have converted to “work from home” offices. Additionally, all NDEQ field offices have converted to cellular phone and now operate without land telephone lines.

Exercises/Trainings: Over the last few months, NDEQ Emergency Support Function (ESF)-10 Coordinators (Francis, Morgan Leibrandt, and Dale

Busch) have participated in exercises involving the State’s Radiological Emergency Response Plan for Nuclear Power Plants. Exercises occurred at Nebraska Public Power District’s Cooper Station and Omaha Public Power District’s Fort Calhoun Station. An exercise at the Fort Calhoun station occurred even though the facility is in the process of closing.



During March 5-7, 2018, EPA FOSCs (Doug Ferguson, Andrew Gieseke, and others) provided training in chemical characterization of clandestine drug and homemade explosives labs to members of the Nebraska Hazardous Incident Team (NHIT). NHIT is staffed by the Nebraska State Fire Marshall’s Office, Nebraska State Patrol, and NDEQ. Other attendees included members of the 72nd Civil Support Team, Grand Island Fire Department, North Platte Fire Department, and other agencies supporting NHIT. The training was well attended and well received.

Other Pertinent Information: Morrow reported the status of construction activities for the TransCanada Keystone XL Pipeline in Nebraska. On November 20, 2017, the Nebraska Public Service Commission approved the “mainline alternative route” for the proposed pipeline. Subsequently, affected landowners submitted court filings. On March 14, 2018, the Nebraska Supreme Court agreed to take over the court appeals process, bypassing the Nebraska Court of Appeals. This is expected to shorten the time necessary to resolve any remaining issues by several months.

Federal Agency Reports

U.S. Department of the Interior (DOI), Courtney Hoover

Hoover said DOI is seeking additional attendees for an Inland Oil Spills Response Course in Denver, Colorado, the week of May 20th. While the target audience is DOI personnel with responsibilities for overseeing, planning, or participating in inland spill response, other agencies are welcome to attend. Individuals wishing to attend should contact Hoover for additional information. DOI is also reaching out to gauge interest among partner agencies in delivery of this course in Region 7 again in 2019.

U.S. Fish and Wildlife Service (USFWS), Dave Mosby

Mosby reminded the group of the upcoming Clean Waterways Conference next week in St. Louis, Missouri. Mosby will deliver a presentation on effective wildlife response operations within an ICS framework. Mosby also reported interest in Missouri and elsewhere around Region 7 among non-governmental organizations (NGO) in

developing a viable response capacity to effectively attend to oiled waterfowl. Currently, these specialized response capabilities are available only through NGOs on the east and west coasts.

USCG Update, RRT-7 Co-Chair Sams

Personnel Changes: Vice Admiral Karl Schultz, currently Commander of USCG's Atlantic Area, will report as USCG Commandant by June 2018.

Laws/Regulations/Policies: After long consideration, USCG will begin inspection and regulation of vessels previously classified as uninspected towing vehicles (UTV). USCG will implement new provisions of 46 *Code of Federal Regulations* Subchapter M by July 2018.

Sams indicated that Eighth District units had been busy with responses during the recent high-water period over the previous several weeks. USCG is reviewing lessons learned from Hurricane Harvey and preparing for the upcoming hurricane season. Sams also noted that the Clean Waterways Conference would convene next week, and that next year's conference would be in Cincinnati, Ohio in April.

An updated memorandum of agreement (MOA) between USCG, Eighth District and EPA Region 7 was signed in November 2016. Sams reminded the group that USCG remains predesignated to provide the FOSC for incidents involving commercial vessels and USCG-regulated facilities. MOAs with EPA Regions 3 and 5 were also updated/signed, and the Region 4 MOA with USCG is close to finalization. He noted that all agreements were very similar, and the role of USCG FOSC is consistent across regions; however, minor differences are in the Region 4 MOA, which uses a shortened definition of "Commercial Vessel."

Other Pertinent Information: Sams said the group would soon see the Eighth District's annual message describing pollution planning, preparedness, and response areas of emphasis. Additionally, about a year ago, the National Response Team (NRT) established an Area Contingency Plan (ACP) Workgroup to review current plans and offer recommendations on plan elements and format to apply nationally. A nation-wide survey of stakeholder input on the workgroup's efforts to standardize ACPs was distributed to RRT-7 member agencies and other stakeholders in early March, and will be redistributed again about a week before termination of the survey on April 30, 2018. Sams asked that multiple individuals from each organization weigh in on ACP development by completing the survey. Finally, Sams reported that members of the RRT-7 Executive Committee will attend the NRT/RRT Co-Chairs Meeting in Philadelphia, Pennsylvania, during June 26-28, 2018.

EPA Update: RRT-7 Co-Chair Buchholz

Buchholz welcomed meeting attendees and expressed appreciation for RRT-7 members' attendance, including individuals on the conference line. Buchholz said that ongoing efforts to build trust, confidence, and familiarity across Tribal, federal, and state partners was essential to success of RRTs. Inter-agency familiarity and close working relationships are key components of an effective disaster response. He explained that EPA currently maintains about 260 FOSCs in Regions 1 through 10 who share the same position description. Consequently expectation is real that any FOSC may be called upon to assist disaster response in any region. Several Region 7 staff are still deployed to the California (wildfires) and Puerto Rico disasters. To date, EPA Region 7 has deployed 80 employees, including every Region 7 FOSC, in response to Hurricanes Harvey, Irma, Maria, and/or the California wildfires.

Buchholz then introduced five of the Region's newest FOSCs (in attendance) who had been hired over the past three years: Tanyi Tanyi, Yvonne Smith, Christin Russell, Jeffrey Pritchard, and Randy Brown. He also announced EPA's ongoing efforts to recruit additional FOSCs for the St. Louis and Lenexa offices. EPA's goal is to establish and maintain 23 FOSCs in Region 7, provided that the existing 2018 budget and hiring restraints allow these hires. Buchholz deferred his full report out to Day 2 of the meeting when Karen Flournoy, Acting Deputy Regional Administrator, would address the group.

Federal Emergency Management Agency (FEMA), Adrian Walker

Walker reported that Paul Taylor had been appointed FEMA Region 7 Administrator. In other personnel changes, Tom Morgan was promoted to another position within FEMA's National Preparedness Division. Consequently, FEMA is working to identify his replacement as Primary RRT-7 Representative. New Alternate RRT-7 Representatives will also be assigned soon.

Under Administrator Taylor, the Regional Inter-agency Steering Committee will convene during April 3-4, 2018. FEMA has reworked the structure of these meetings, and the upcoming meeting will focus on needs of state emergency management. Additionally, FEMA's regional office moved to its new facility at 11224 Holmes Road, Kansas City, Missouri, in January.

Recent planning activities include a New Madrid Seismic Zone (NMSZ) Course of Action Workshop with FEMA's ESF partners to review and update the NMSZ response and recovery plan, which should be completed by fall 2018. FEMA continues to work with partners to develop pre-scripted mission assignments for ESFs, including ESF-10.

In other news, Walker reported that FEMA met with the Tribal Council of the Kickapoo Tribe in Kansas to discuss concerns about a crude oil pipeline passing through their reservation. FEMA participated in a review of its pipeline response operations in the event of an incident. Preparedness activities continue through FEMA's State Liaison Officer for Kansas, who is working with the Tribe on these concerns.

U.S. Department of Agriculture (USDA), Animal and Plant Health Inspection Service (APHIS), ESF-11, Rosalynn Days-Austin

Days-Austin reported that ESF-11 within USDA has recently been reorganized to include reassignment of many staff to positions elsewhere within the agency. Personnel retirements have also impacted staffing strategies, resulting in Days-Austin's coverage of ESF-11 duties in both Regions 5 and 7. Her counterpart in Region 10 has been assigned duties in Region 9 until additional staff can be hired to fill these positions.

Days-Austin said USDA is taking steps to stay informed of actual and potential flood events that may impact agricultural lands in the region. Her office will share pertinent information as it becomes available as USDA offices coordinate with farmers to address stores of fuel, fertilizers, and agricultural chemicals that are often affected during floods.

New regulations under development by APHIS pertaining to post-disaster carcass disposal procedures likely will be available for review in spring 2019. A sub-committee composed of several agencies had examined this issue in the past, and may be re-established to take a fresh look at several issues.

Department of Energy (DOE), National Nuclear Security Administration (NNSA), Sybil Chandler

Because much of Chandler's report detailing disposition of the Bannister Complex was scheduled for later presentation, she provided an overview of preparedness and emergency management activities at the new DOE facility in south Kansas City, Missouri, on Botts Road. Manufacture of non-nuclear components for nuclear weapons was moved to the Honeywell facility two years ago. About 40 DOE/NNSA employees are co-located there to oversee operations and Honeywell's 3,500 employees. Chandler indicated that hazardous materials (hazmat) are present in only small quantities, and the facility does not fall under EPA's Risk Management Program (RMP) or Process Safety Management (PSM) rules, although these guidelines are followed. The facility does not maintain its own response team and would rely on the Kansas City Missouri Fire Department Hazmat Team to assist in the event of a hazmat spill/release. In recent years, DOE/NNSA has sought to enhance emergency management and preparedness capabilities through development of detailed plans, and training in and exercising of those plans. The facility's first FSE occurred in 2016, and another is planned for 2019 to test shelter-in place and continuity of operations. Other numerous emergency management and safety requirements prescribed by DOE/NNSA are implemented routinely at the facility.

General Services Administration (GSA), Trish Brown

Regarding other work on disposition of the Bannister Complex, Brown reported on transfer of DOE/NNSA portions of the site to CenterPoint Properties for commercial redevelopment. Site analysis and environmental review of the complex is ongoing via a collaborative process among public and private stakeholders.

U.S. Dept. of Commerce / NOAA, Adam Davis

Davis briefly revisited the upcoming SCAT training and then reported on NOAA's recent release of updated software products jointly developed with EPA for hazmat response and planning. Davis recommended that meeting attendees download Computer-Aided Management of Emergency Operations (CAMEO) and/or the CAMEO mobile application. Outside Region 7, NOAA has hired a new Scientific Support Coordinator (SSC), Brandi Todd, for assignment in New Orleans. Michael Doig is a new SSC assigned to the Great Lakes Region. Davis reminded the group that all SSCs are part a special team designated under the NCP; therefore, either of these individuals may fill in for Davis if he would not be available for response in Region 7.

A review of upcoming NOAA training offerings is available at: <http://response.restoration.noaa.gov/training-and-education/training/workshops/science-chemical-releases-classes.html>. Science of Chemical Releases classes (accompanying CAMEO) and Science of Oil Spills will be delivered in 2018, with the next class during June 25th-28th in Mobile, Alabama, at NOAA's Disaster Response Center.

U.S. Department of Defense (DOD) / Defense Coordinating Element (DCE) 7, Louis Rago

Defense Coordinating Officer Colonel Rago reported to DCE 7 in July 2017, and is new to RRT-7. Rago indicated he would be in his current position and able to attend meetings over the next year or so. Rago reminded attendees that he represents the Secretary of Defense to federal partners regarding preparedness and response issues where DOD may be of assistance. The primary work of DCE 7 proceeds under the auspices of FEMA via a charter allowing DCE 7 to represent the military in RRT-7 (except for U.S. Army Corps of Engineers and USCG, which maintain their own respective representatives). In closing, Rago explained that DCE 7 is now co-located with the FEMA Region 7 offices on Holmes Road in Kansas City, Missouri.

U.S. Department of Labor, Occupational Safety and Health Administration's (OSHA), Jo Beth Cholmondeley

Cholmondeley reported that the regional office recently had undergone some staff reduction due to attrition, although upper management positions remain largely unchanged. Cholmondeley also said she was returning as OSHA's Alternate RRT-7 Representative.

In policy changes, OSHA is more focused on outreach efforts to improve workplace compliance than enforcement actions. Several education campaigns are current, including trench safety, workplace trips/falls, and heat exposure awareness for the upcoming summer months. Additionally, for some time, an overreaching campaign known as "safe and sound" has focused on small facilities. A few OSHA standards have been updated, including reduction of action levels for silica in the workplace. OSHA is working with stakeholders to communicate and implement these changes.

U.S. Department of Transportation / Pipeline and Hazardous Materials Safety Administration (PHMSA), Tyler Patterson

Patterson started his position as PHMSA Central Region Office Director for Pipeline Safety in September 2017, and is new to RRT-7. He said that he looks forward to meeting RRT-7 members over the next couple days. He indicated that much of PHMSA's report would be presented later in the day when Patterson and others would provide an overview of the agency's accident investigation program. Regarding personnel changes, Mark Razny has moved to investigative enforcement duties, and Neal Suchak will replace Razny as Hazmat Outreach and Engagement Specialist for the Central Region.



U.S. Department of Health and Human Services (DHHS), Agency for Toxic Substances and Disease Registry (ATSDR), and the Office of the Assistant Secretary for Preparedness and Response (ASPR), Cory Kokko and Michael Garner

Kokko reported that Regional Director Spencer Williams had taken a position at another agency. ATSDR staff will report to Williams' supervisor until the Regional Director position is filled. Kokko then informed the group of a new ATSDR fact sheet for guidance on emotional and psychological stress associated with environmental contamination incidents. The publication provides tips on recognizing, coping with, and effectively addressing stress through various support services. Kokko recommended that agencies make the fact sheet available by distributing copies to the public and partner organizations at outreach and education events. The fact sheet is accessible for download and printing at: <https://www.atsdr.cdc.gov/docs/factsheet/atsdr-stress-fact-sheet.pdf>.

Garner reported that ASPR staff had focused intently on response operations over the last year. Personnel had been deployed to Atlanta, Georgia, for medical support of hurricane evacuees from the U.S. Virgin Islands, about 200 of whom remain under care of ASPR staff. Unit staff participated as ESF-8 in FEMA's recent NMSZ planning workshop. ASPR will meet with DOD's U.S. Northern Command in Tennessee in April to review the NMSZ concept of operations concerning medical response, and will participate in a related workshop in St. Louis on follow-on planning efforts.

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

Gardner reminded the group that DHS assesses infrastructure in all sectors, including drinking water and waste water facilities. Gardner explained that as Chief of Protective Security, he works with partners to assess how incidents and related cascading events may affect critical infrastructure. He cited a real-world example of a flood event with potential impacts on a major railroad yard and several pipelines. In these cases, DHS recommends protective actions to limit negative impacts, and works with private-sector partners to restore services.

Sac and Fox Nation of Missouri in Kansas and Nebraska, Mark Junker

Recent additions to the Tribal Council include Tiauna Carnes (Chair), Monique Dougherty (Vice-Chair), and Rita Bahr (Council Secretary). Ron Riddle is Police Chief, and Emily Sanagorski is the Water Quality Coordinator. Tribal Environmental Department employees now serve in many inter-organizational positions, including RTOC Secretary. Junker also indicated that the Tribe expects to expand its Environmental Department and enhance the Tribe's wetlands program. New Tribal codes will be implemented to address indiscriminate pumping that has occurred along various waterways.

Since 2015, the Tribe has worked to address the failure of a UST that released about 1,500 gallons of unleaded gasoline. Site characterization has been ongoing by use of monitoring well data and implementation of in-situ field screening via laser-induced fluorescence and membrane interface probe operations to further delineate the sub-surface plume. Based on this experience, the Sac and Fox Tribe is conducting outreach to other Region 7 Tribes to help them comply with regulations and assist them with other UST-related issues that may arise.

Radio dispatch and field communication associated with public safety service delivery are ongoing challenges. For example, firefighters have responded to wrong locations, and redirection of response units via land-mobile radio communication has not been effective. To address these issues, two new cellular phone towers will be erected. Tower sites have been identified on opposite sides of the reservation.

During the week of October 15th in White Cloud, Kansas, a 3-day training will focus on relationships among regional contingency plans, emergency management functions, first responders, and partner agencies such as EPA and FEMA. Cathodic Protection training and the Water Quality Standards Academy will occur in April 2018. Additionally, the first Kansas Tribal Climate Summit, flood plain mapping, and aerial imagery classes start next week.

Subarea Reports

Great Rivers Planning Group, CDR Mark Sawyer

- 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 / Marine Safety Unit (MSU) Paducah; Kentucky Department of Environmental Protection; MDNR; Illinois Environmental Protection Agency; and Ohio River Valley Water Sanitation Commission.
- EPA Region 5 provided contractor funding to develop geographic response plans (GRP) for select areas. The group hopes to complete one or more GRPs by the next RRT-7 meeting.

Quad Cities Subarea, EPA FOSC Joe Davis

- Quad Cities Subarea continues to work in conjunction with the Upper Mississippi River (UMR) Spills Group.
- UMBRA has developed incident action plans (IAP) for various river pools associated with various locks/dams on the UMR.
- Coordination continues with subarea member agencies to identify exercise and training opportunities in which EPA can play a role.

Central Kansas Wetlands Subarea, EPA FOSC Randy Brown

- A subarea meeting is scheduled for July 31, 2018, when member agencies will discuss a communication 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.

Siouxland Subarea, EPA FOSC Randy Schademann

- Rail incident response training was delivered on August 9, 2017, in Onawa, Iowa, in collaboration with Burlington Northern – Santa Fe and Union Pacific Railroads.
- Siouxland Subarea Committee has met three times since the last RRT-7 meeting, and the next meeting is scheduled for June 7, 2018, in Storm Lake, Iowa.
- An ethanol spill response training is under development and planned for delivery in Alta, Iowa, during September 7-8, 2018. EPA is again collaborating with railroad representatives, as well as state and local agencies and private partners, to develop and deliver this training.

South-Central Nebraska Subarea, Eric Deselich on Behalf of EPA FOSC Melinda Luetke

- A major update of the subarea's contingency plan was recently completed and distributed to subarea member agencies for review.
- EPA is scheduled to attend a regional meeting of emergency managers in July in Grand Island, Nebraska, in an effort to re-establish a regular meeting schedule.

USCG FOSC Representative (FOSCR) Reports

Sector UMR, USCG FOSCR, Dana Schmitt

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

Metrics/Trends/Challenges: Since the last RRT-7 meeting, UMR has received 98 National Response Center (NRC) notifications, with no RRT-7 activations, and no Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) responses. One federal project was completed under the Oil Spill Liability Trust Fund (OSLTF).

Significant Incidents/Events/Responses: The following significant incident and lessons learned occurred within the past year:



Day Tank Over-Fill Discharge

- *Product Type/Quantity:* About 150 gallons diesel fuel
- *Cause:* Fuel switch malfunction
- *Date:* May 20, 2017
- *Key Activities:* Sector UMR command facilitated a meeting with RP to discuss internal procedures and pollution mitigation techniques
- *Lessons Learned:* The RP was receptive and aware of internal training gap issues. RP executives explained to the Sector Commander that the error had been addressed, and new internal policies had been implemented to prevent similar pollution incidents.

Exercises/Trainings: Sector personnel attended an oil spill control course in Corpus Christi, Texas. Fourteen personnel attended a FOSCR College course that focused on a “federalized” response process to pollution incidents. One reserve member attended “exposure training” in San Francisco to acquire sign-offs toward FOSCR certification. Sector staff also participated in the Clean Waterways Conference, Clean Gulf Conference, UMR Spills Group Notification Drills, and a spill response workshop hosted by USCG Sector Ohio Valley.

Sector Lower Mississippi River (LMR), USCG FOSCR Alicen Heinrich

Personnel Changes: Captain Timothy Wendt departed as LMR Sector Commander, and was replaced by Captain Roxanne Tamez in June.

Metrics/Trends/Challenges: Since the last RRT-7 meeting, Sector LMR has received 615 NRC notifications, with no RRT activations, CERCLA responses, or federal projects.

Significant Incidents/Events/Responses: The following significant incident and lessons learned occurred:

Motor Vessel (M/V) Virginia Renee

- *Type/Quantity:* Approximately 3,900 gallons diesel fuel
- *Cause:* Vessel sinking
- *Date:* January 1, 2018
- *RP:* Terral River Service
- *Key Activities:* Sector LMR command discussed mitigating factors and proposed a Class 1 Civil Penalty.

Exercises/Trainings: Sector personnel participated in two deliveries of the Western Rivers Course, training at the Clean Gulf Conference, and radiological response training. Other events included two exercises with Valero Energy, a spill response workshop hosted by Sector Ohio Valley, and one government-initiated unannounced exercise (GIUE).

Sector Ohio Valley, MSU Paducah, USCG FOSCR Dale Hendren

Personnel Changes: None

Significant Incidents/Events/Responses: The following significant incident and lessons learned occurred since the last meeting:

UTV CITY OF CASSVILLE

- *Type/Quantity:* 10 gallons diesel fuel
- *Cause:* Human error
- *Date:* January 3, 2018
- *RP:* Marquette Transport
- *Key Activities:* Investigation and coordination with the RP, NOAA, and state agencies
- *Lessons Learned:* Decisions to await raising of Lock and Dam 52 to free barges was effective.

Note: A case study of the UTV ERIC HANEY sinking was presented later in the meeting.



Metrics/Trends/Challenges: Since the last RRT-7 meeting, Sector Ohio Valley has received 14 NRC notifications, with no RRT activations, CERCLA responses, or federal projects.

Exercises/Trainings: Sector staff attended two ICS courses in January 2018, as well as Oil Spill Control training and the Clean Gulf Conference where short trainings were provided. Personnel also conducted one GIUE and attended the Clean Waterways Conference.

Day 1 Presentations

- **PHMSA Office of Pipeline Safety and Office of Hazardous Materials Safety Updates – Chris Ruhl and Mark Razny:** See “PHMSA RRT7 Presentation” at <http://www.epaosc.org/R7RRT>
- **Case Study: UTV ERIC HANEY Sinking – Mark Sawyer and Gary Heflin:** See “Eric Haney Brief” at <http://www.epaosc.org/R7RRT>
- **Planning and Response - Interactive Tabletop Discussion – Sams:** See “Planning and Response-USCG.Sams” at <http://www.epaosc.org/R7RRT>
- **Waters of the U.S. (WOTUS) Rule 2: What does it mean? – Jeanette Schafer.**

Meeting Recess

After Buchholz reviewed the next day’s agenda, the session recessed at 16:50.

Thursday, March 29th

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 Buchholz to introduce EPA leadership in attendance during the second day of the meeting.

EPA Report: Acting Deputy Administrator Karen Flournoy

Buchholz introduced Flournoy and Peterson, and thanked them for their attendance. Flournoy thanked the group for the opportunity to attend the meeting and talk directly with representatives of partner agencies that have worked effectively together over time. She emphasized a need to maintain relationships across RRT members to ensure emergency preparedness is sustained, particularly as response activities involving natural disasters continue to place high demands on resources and personnel across member agencies. Recent response efforts to assist neighboring regions through Hurricane Harvey demonstrate the importance of close coordination among RRT member agencies and how successful outcomes are achieved through these efforts. Flournoy closed by recognizing the internal efforts of EPA staff for a smooth transition during recent organizational restructuring at the national and regional levels. She again thanked the group and said she looked forward to hearing more about RRT-7 member agencies’ current activities over the remainder of the meeting.

Day 2 Presentations

- **Database Collection / Management Issues During Multi-Agency Responses – Jeff Pritchard, Nick Brescia, Mike Sams, and Stephen McLane:** See “EPA Data Management – Spring 2018 RRT” at <http://www.epaosc.org/R7RRT>
- **Kansas Department of Agriculture & Pet Emergency Recovery Teams – David Hogg:** See “KDA Foreign Animal Disease” at <http://www.epaosc.org/R7RRT>
- **Bio-Research Institute (BRI) Level 3 Facility – Dr. Stephen Higgs**
- **DHS Intelligence & State Fusion Centers – Elvin Ehrhardt**
- **Big Picture Bannister Complex – Bob Aston, Sybil Chandler, Kingsley Edwards, Richard Nussbaum, and Tiffany Drake:** See “Bannister Complex Disposition” at <http://www.epaosc.org/R7RRT>



- **Case Study: EPA Region 8 Cold Weather Oil Response, Ash Coulee Spill – Joyel Dhieux:** See “Ash Coulee Response Overview” at <http://www.epaosc.org/R7RRT>.

Future Meeting Dates

The RRT-7 meeting schedule is as follows:

- Fall 2018: Kansas City, EPA Training & Logistics Center (TLC [the Cave]), September 12/13 (confirmed)
- Spring 2019, Oklahoma City, Joint Region 6/7 Meeting, April (tentative) or March at EPA TLC
- Fall 2019: EPA TLC, September 25/26 (proposed)
- Spring 2020: EPA TLC, March 25/26 (proposed)

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-7 website. The meeting adjourned at 1320.

Meeting Attendees

Last Name	First Name	Organization	Phone	Email	March 28th Attendance	March 29th Attendance
Aaron	Mark	EPA Region 7	913-551-7205	aaron.mark@epa.gov	X	X
Angelle	Jared	Phillips 66	713-561-2584	jared.p.angelle@p66.com	X	X
Aston	Bob	EPA Region 7	913 551-7392	aston.robert@epa.gov		X
Bartling	Alisha	Santee Sioux Nation of Nebraska	402-857-3347	alisha.bartling@santeeoep.com	X*	X*
Blunk	Terri	EPA Region 7, CORP	913-551-7013	blunk.terri@epa.gov	X	X*
Brescia	Nick	EPA Region 6	214-665-2291	brescia.nicolas@epa.gov		X*
Broughton	Adam	Iowa Department of Natural Resources	515-725-0386	adam.broughton@dnr.iowa.gov	X	X
Brown	Randy	EPA Region 7	913-551-7978	brown.randolph@epa.gov	X	X
Brown	Trish	General Services Administration	816-823-1218	trish.brown@gsa.gov	X	X*
Bryan	David	EPA Region 7	816-496-3694	bryan.david@epa.gov	X	X
Bryant	Dianna	University of Central Missouri	660-543-4971	bryant@ucmo.edu	X	
Buchholz	Ken	EPA Region 7, RRT-7 Co-Chair	913-551-7473	buchholz.kenneth@epa.gov	X	X
Chandler	Sybil	DOE/NNSA	816-488-3417	sybil.chandler@doe.nnsa.gov	X	X
Cholmondeley	Jo Beth	DOL/OSHA	816 502 9009	cholmondeley.jobeth@dol.gov	X	X
Ciurej	Amanda	U.S. Fish and Wildlife Service	308-382-6468	amanda_ciurej@fws.gov	X*	X*
Davis	Adam	DOC/NOAA	206-549-7759	adam.davis@noaa.gov	X	X
Davis	Joe	EPA Region 7	913 551 7909	davis.joe@epa.gov	X	X
Days-Austin	Rosalynn	U.S. Department of Agriculture	970-631-3380	rosalynn.days-austin@aphis.usda.gov	X*	X*
Deselich	Eric	EPA Region 7 START	816-665-9088	eric.deselich@tetrattech.com	X	X
Dhieux	Joyel	EPA Region 8	303-312-6647	dhieux.joyel@epa.gov		X*
Doig	Michael	DOC/NOAA	216-522-7760	michael.e.doig@noaa.gov	X*	X*
Dom	Joseph	KDHE	785-296-4367	joe.dom@ks.gov	X	X
Drake	Tiffany	MDNR	573-526-9830	tiffany.drake@dnr.mo.gov		X
Edwards	Kingsley	DOE/NNSA	816-488-4200	kingsley.edwards@nnsa.doe.gov		X
Ehrhardt	Elvin	U.S. Department of Homeland Security	307-777-6615	elvin.ehrhardt@dhs.gov		X*
Ellis	Jarrett	U.S. Geological Survey	573-308-3631	jtellis@usgs.gov		X*
Ferguson	Doug	EPA Region 7	913-551-7221	ferguson.doug@epa.gov	X	X
Flournoy	Karen	EPA Region 7	913-551-7782	flournoy.karen@epa.gov		X
Frank	Randy	Marion County EMA	620-382-2144	rfrank@marioncoks.net	X	X
Gardner	Greg	U.S. Department of Homeland Security	785-213-6792	greg.gardner@hq.dhs.gov	X	X*
Garner	Michael	DHHS/ASPR	816-426-2203	michael.garner@hhs.gov	X	X
Goodin	Victoria	Winnebago Tribe of Nebraska	402-878-4060	victoria.goodin@winnebagotribe.com	X*	X*

Last Name	First Name	Organization	Phone	Email	March 28th Attendance	March 29th Attendance
Gunter	Tim	TransCanada	832-320-5533	tim_gunter@transcanada.com	X	X
Harris	Brad	MDNR	573-526-4794	brad.harris@dnr.mo.gov	X	X
Hayes	Scott	EPA Region 7, CORP	913-551-7670	hayes.scott@epa.gov	X	
Heinrich	Alicen	USCG Sector Lower Mississippi River	479-462-9370	alicen.heinrich@uscg.mil	X	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	X
Higgs	Stephen	Kansas State University	785-532-3250	shiggs@ksu.edu		X*
Hingst	Page	Santee Sioux Nation of Nebraska	402-857-3347	page.hingst@santeeoep.com	X*	X*
Hoegler	Tom	Olathe Fire Department	913-461-1779	thomas.hoegler@olatheks.org		X
Hogg	David	Kansas Department of Agriculture	785-843-6709	david.hogg@ks.gov		X
Holder	Stanley	EPA Region 7	913-551-7374	holder.stanley@epa.gov	X*	
Hoover	Courtney	U.S. Department of the Interior	303-445-2503	courtney_hoover@ios.doi.gov	X	X
Houston	Cy	General Services Administration	816-823-2252	cy.houston@gsa.gov		X
Janzen	Jeff	KDHE	785-368-7301	jeffery.janzen@ks.gov	X	X
Johnson	James	EPA Region 7	913-551-7058	johnson.james@epa.gov	X	
Junker	Mark	Sac and Fox Nation of Missouri in Kansas and Nebraska	785-742-4706	mark.junker@sacfoxenviro.org	X	X
King	Brittany	MDNR	573-644-3230	brittany.king@dnr.mo.gov	X	X
Kokko	Cory	DHHS/ATSDR	913-551-1312	guc0@cdc.gov	X	X
Lampkin	Derek	BNSF Railway	612-760-1365	derek.lampkin@bnsf.com	X	
Langford	William	Phillips 66	281-777-4141	w.a.langford@p66.com	X	X
McLane	Stephen	MDNR	573-526-3322	stephen.mclane@dnr.mo.gov	X	X
Montgomery	Lisa	Sac and Fox Nation of Missouri in Kansas and Nebraska	785-742-4705	lisa.montgomery@sacfoxenviro.org	X	X
Morrow	Kirk	NDEQ	402-471-8584	kirk.morrow@nebraska.gov	X	X
Mosby	Dave	U.S. Fish and Wildlife Service	573-234-2132	dave_mosby@fws.gov	X	
Nold	Eric	EPA Region 7, RRT-7 Coordinator	913-551-7488	nold.eric@epa.gov	X	X
Nussbaum	Richard	MDNR	573-751-3139	rich.nussbaum@dnr.mo.gov		X
Peterson	Todd	USCG Eighth District, RRT-7 Coordinator	504-671-2232	todd.m.peterson@uscg.mil	X	X
Peterson	Mary	EPA Region 7	913-551-7882	peterson.mary@epa.gov		X
Pickett	Angela	PHMSA	816 329-3823	angela.pickett@dot.gov	X	X
Pierzina	Brian	PHMSA	816-589-8293	brian.pierzina@dot.gov	X	
Poen	Nicholas	Marine Spill Response Corporation	314-250-2594	poen@msrc.org	X	X
Pritchard	Jeff	EPA Region 7	913-551-7772	pritchard.jeffrey@epa.gov	X	X

Last Name	First Name	Organization	Phone	Email	March 28th Attendance	March 29th Attendance
Rago	Louis	DCE VII / U.S. Army North	210-485-9492	louis.b.rago.mil@mail.mil	X	X
Razny	Mark	PHMSA	847-294-8580	mark.razny@dot.gov	X	X
Rhodes	Ryan	USCG Sector Upper Mississippi River	314-269-2601	ryan.s.rhodes@uscg.mil	X	X
Ruhl	Chris	PHMSA	405-590-3625	chris.ruhl@dot.gov	X	
Russell	Christin	EPA Region 7	913-551-7639	russell.christin@epa.gov	X	
Sams	Michael	USCG Eighth District, RRT-7 Co-Chair	504-671-2234	michael.k.sams@uscg.mil	X	X
Sattelberg	Mark	U.S. Fish and Wildlife Service	303-236-4261	mark_sattelberg@fws.gov	X	
Sawyer	Mark	USCG MSU Paducah	270-994-7381	mark.c.sawyer@uscg.mil	X	X
Schademann	Randy	EPA Region 7	913-551-7331	schademann.randy@epa.gov	X	
Schafer	Jeannette	EPA Region 7	913-551-7297	schafer.jeannette@epa.gov	X	
Schmaedick	Manuel	EPA Region 7	913-551-7449	schmaedick.manuel@epa.gov		X
Schmitt	Dana	USCG Sector Upper Mississippi River	314-269-2546	dana.p.schmitt@uscg.mil	X	X
Sekavec	Lane	Union Pacific Railroad	816-399-1883	laneasekavec@up.com	X	X
Smith	Yvonne	EPA Region 7	816-381-0406	smith.yvonne@epa.gov	X	X
Spiking	Bill	EPA Region 7 START	816-412-1780	bill.spiking@tetrattech.com		X
Tanyi	Tanyi	EPA Region 7	913-551-7957	tanyi.tanyi@epa.gov	X	X
Patterson	Tyler	PHMSA	202-236-4617	tyler.patterson@dot.gov	X	X
Van Alstyne	Chris	U.S. Department of Justice	907-202-3755	christian.van.alstyne@usdoj.gov	X	
Walker	Adrian	Federal Emergency Management Agency	816-337-7110	adrian.walker@fema.dhs.gov	X	
Young	Dalten	University of Central Missouri	660-543-4971	dsy47440@ucmo.edu	X	

Notes:

*	Participated remotely by phone	IDNR	Iowa Department of Natural Resources
ASPR	Office of the Assistant Secretary for Preparedness and Response	KDEM	Kansas Division of Emergency Management
ATSDR	Agency for Toxic Substances and Disease Registry	KDHE	Kansas Department of Health and Environment
BNSF	Burlington Northern–Santa Fe Railway	MDNR	Missouri Department of Natural Resources
CORP	Chemical and Oil Release Prevention	MSU	Marine Safety Unit
DCE	Defense Coordinating Element	NDEQ	Nebraska Department of Environmental Quality
DHHS	U.S. Department of Health and Human Services	NNSA	National Nuclear Security Administration
DOC	U.S. Department of Commerce	NOAA	National Oceanic and Atmospheric Administration
DOE	U.S. Department of Energy	OSHA	Occupational Safety and Health Administration
DOL	U.S. Department of Labor	PHMSA	Pipeline and Hazardous Materials Safety Administration
EMA	Emergency Management Agency	START	Superfund Technical Assistance & Response Team
EPA	U.S. Environmental Protection Agency	USCG	U.S. Coast Guard