

RRT 5 Fall Meeting, October 9-11, 2012

Wisconsin State Capitol Building, Madison, Wisconsin

Welcome and Introductions

- Matthew Maroney, Deputy Secretary, Wisconsin Department of Natural Resources
- Jason El-Zein, RRT5 EPA Co-Chair
- Jerry Popiel, RRT 5 USCG Co-Chair

State and Federal Roundtable

- Illinois Environmental Protection Agency
 - Budget issues/budget cuts
- Indiana Department of Environmental Management
 - Budget issues/budget cuts
 - Mobe/demobe exercise in September.
- Minnesota Pollution Control Agency
 - Season consisted of flash floods and droughts
 - Discussed crude oil research projects
 - Will be updating Minnesota spill reporting legislation to provide clearer guidance.
 - Consideration and discussion for mutual aid through RRT.
- Michigan Department of Environmental Quality
 - Transferring PEAS to a hotline for reporting/push out to contacts
 - Training program has been pushed to districts
 - Discussed involvement with ARTHUR J response
 - Ethyl benzene release on St Clair River
 - BPEC meeting with Sarnia to discuss communication delays. Looking to smart messaging notifications.
 - Web EOC provided by state police with access for other agencies.
- Ohio Environmental Protection Agency
 - Incidents-Train derailment, ethanol fire in downtown Columbus-found abandoned drums on property during clean-up
 - State role in fracking industry. Working on various safety areas within industry.
 - Radiation training and exercise provided by US EPA through the Readiness to Response initiative.
 - Budget issues
 - Software/hotline to improve notifications.
- Wisconsin Department of Natural Resources

- Season consisted of storms, flooding, drought. Forced expansion outside of normal roles.
- Two major spills-Westshore and Enbridge pipelines (Will be presented during case studies by Scott Ferguson)
- Department of Interior
 - Lindy Nelson is the new DOI Rep, replacing Mike Chesik
 - DOI has completed basic course of Resource Advisor Training. Course is currently live to DOI.
- NOAA
 - Software updates for NOAA
 - Arctic drill support
 - Continue work in Gulf of Mexico
 - Provided tsunami debris support to Japan.
 - Assessment and Restoration side-Enbridge/Kalamazoo River, Cheboygan, and St Louis River
- Department of Labor
 - Adams County Spill Update
 - Increase HAZWOPER training
 - New Regional Administrator for DOL
- Health and Human Services, ATSDR
 - Continued support of USEPA.
- Department of Transportation
 - Not an emergency response agency.
 - Wisconsin investigator has been in place for 1 year.
- Department of Defense, US Navy
 - War of 1812 commemoration. Support from USCG, Canadian Coast Guard.
 - Field deployment exercise at Naval Station Great Lakes
- EPA Update
 - Sam Borries is the alternate EPA Co-Chair
 - Mindy Clements is the new oil program manager.
 - New order issued to Enbridge to clean up subsurface oil. Kalamazoo River has 34 miles of river that been cleaned, 6 miles still getting cleaned up.
 - 174 facility response plans reviewed this year.
 - Mapping-Indiana maps are complete. Wisconsin will be done in 2013.

- Training-Toledo wildlife training and Upper Mississippi River boom training.
- USCG
 - VOSS deployment with EPA in Cleveland.
 - Arthur J Bay Mills response
 - Anticipated work on Endangered Species Act consults.
 - Upgrade of pollution response trailers.
 - Saulte Ste Marie incident-NOAA, State partners and EPA consulted. Sheen looked like a fuel source.
 - Canadian Coast Guard leadership is moving out of region.
 - International LNO workshop. Job aid out for internal review.

EPA Case Studies

Wisconsin Pipeline Spill - Westshore Pipeline Spill, Jackson, Wisconsin

- Steve Faryan, US EPA OSC, Ted Amman, Wisconsin Department of Natural Resources and Scot Ferguson, Wisconsin Department of Natural Resources

(From epaosc.net)

On July 18, 2012 OSC Steve Faryan responded to a gasoline spill in Jackson, Washington County, Wisconsin. An estimated 1000 barrels (42,000 gallons) of gasoline was released from a 10-inch pipeline. No waterways are known to be affected at this time. West Shore Pipeline Co. is the responsible party and has hired response contractors who are on-scene. According to the RP the leak in the pipeline has occurred near a horse farm in Washington Co. A pressure drop in the pipeline was detected yesterday (July 17) and the situation has been under investigation since then. The RP has hired CTEH to conduct air monitoring on-scene. The START contractor has been mobilized and will conduct air monitoring and sampling as needed.

- The 10 inch pipeline lies on top of fractured bedrock.
- There was no product observed in the creek which was ½ mile away. Big question was where did the 1000 barrels of gasoline go?
- Two residents were evacuated immediately. One family was on vacation. Evacuation zone increased as the response went on.
- Scot Ferguson, WDNR was onsite during initial response. He contacted WDNR drinking water program after the first day. Drinking water program put together a list of homes that drinking water group need to sample and that list was updated with additional homes as necessary.
- WDNR was open with residents. There was a lot of uncertainty. Residents could get added to the list.
- Four week no water usage for affected residents.
- Westshore installed bedrock recovery wells before advisory boundaries changed. Recovery rates were not good.
- Vapor intrusion wells installed in 2 properties.

- During an incident, should get public relations involved right away. Door to door communication was important. A website was developed that allowed residents to get information. Westshore had their website up after 7-10 days, WDNR had a website up after 2 weeks.
- Pipeline infrastructure, integrity management is key.
- Industry and state and federal responders responded with ICS knowledge.

Westshore Pipeline Spill, Palos Heights, Illinois

- Stavros Emmanouil, US EPA OSC, Patrick Hodgins, Buckeye Pipeline

(from epaosc.net)

At approximately 0241 CDT on August 27, 2012, Westshore Pipeline detected a sudden drop in pressure on their 230 pipeline between the East Chicago Pump Station and Canal Junction. Westshore Pipeline personnel drove the line, found a release of Jet A Fuel of approximately 1,000 barrels (45,000 gallons), and notified NRC at 0430 CDT. The pipeline was shut down.

The site is located at 8300 Illinois Rt 83, Palos Heights, IL. The area is residential to the south, southeast, and southwest and forested to the north, northeast, and northwest. The Calumet-Saganashkee Channel is located approximately 500 feet north of the site, which is a channel between the Little Calumet River and the Chicago Sanitary and Ship Canal. The coordinates for the Site are latitude 41.68154 and longitude -87.82587.

- Area raes were set up. Westshore requested that EPA maintain air monitoring for 2 days until they could take over.
- There were two PHMSA representatives on site, one in scene and one in command post.
- Westshore is the responsible party. The owner of the material that is spilled is not considered the responsible party. Westshore replaces the product for the material owner.
- The spill occurred on the inland zone. EPA was the lead for the spill. USCG involved because of the waterway impact of the spill.
- There was 6.5 miles of Cal Sag Channel that was cleaned up, 30,600 gallons of oil/oily water collected for disposal, 6,611 tons of contaminated soil collected for disposal.

Transportation Related Investigations-Shirley McNew, Pipeline and Hazardous Materials Safety Administration (PHMSA)

- PHMSA has two sides, pipeline side and hazardous materials transportation side.
- RRT5 representative is from the hazmat transportation side.
- Hazmat transportation side is mainly concerned with hazmat in transportation containers.

Mutual Aid Workgroup-Steve Lee, MPCA

- Dorene Fier-Tucker is leading charge to find a way to assist in state to state response. Initial focus on EMAC which was public health focus but hasn't branched out to environmental issues.
- Proposal to create a small work group to investigate ways for state to state mutual aid for environmental response.

- Paper has been drafted and will be distributed.
- Contact Steve Lee if interested in participation on the workgroup.

1978 Bemidji Oil Spill Long Term Study-Steve Lee, MPCA

- What kind of funding is available to go forward. Next year another symposium is planned.
- API assisted with seed money for the symposium in 2012. \$200,000-300,000 is left from the settlement money from Enbridge.
- Expect that this will be a model for other large sites to offset oil that is left. Knowledge model learned about natural attenuation.
- Future studies-large ethanol train derailment. Concerned about the gasoline but ethanol was left in the ground. Issue was ethanol turns into methane underground which did become explosive. Rural vs urban areas.

RRT Field Trip-Wisconsin State Laboratory of Hygiene

US Coast Guard Case Studies

Port Huron Incident-LCDR Chico Knight, USCG Sector Detroit

- Vessel involved was Tug Arthur Drummond
- Coast Guard Cutter Griffin provided command and control platform on the water.
- International part of response to incident was seamless
- For a 12 day response, there was 8 days of bad weather.
- Auxilliary air assets for safety and water used for beach reconnaissance.
- Oil released underwater got caught in current and circled back to the source.
- Barge salvage operations-dewatering and pumping air to refloat was unsuccessful. Part of barge was digging into the sediment. After removing that part, refloating worked.
- Only ICS 201 forms were produced during the incident.
- There were no claims for lost beach time.
- Coordination with county, DEQ, EPA for air monitoring.
- Chief of Command was also the PIO for the incident which minimized the negative press.

HW Hocks Response-LT Rob Hollinger, USCG Sector Sault Ste Marie

- Keys to success-proactive conservation department. Boom deployment training was done in October, 2011 for several tribes, more training done in May 2012 for other tribes.
- Strengthened relationship between CG and tribes.
- The Corps has replaced their equipment, joint training on CG on boom.

Countermeasures discussion-ALL

- Who are the stakeholders? States, DOI, NOAA Trustess, USFWS, NGOs, etc
- Educate the people in the field so they know the tools.
- Remember capabilities and limitations.

- Scenario-Sheet was reported. Fire Department was on scene working with owner of the boat. Boom was corralled. CG noticed they were spraying something on the water. Fire Department said it was approved but what was its intended use? Materials are marketed to the fire departments for road accidents.
- Being on the product schedule does not mean its approved for use. Agents are tested in salt water and react differently in freshwater and closed water systems. Salt is a catalyst in muct of the material on the product schedule but freshwater is missing that key ingredient.
- Companies do not want to test in freshwater-only 2% of their business.
- RRT 5 did not preapprove bioremediation application.
- Should dispersants and detergents be separated out from bioremediation and solidifiers?
- Shoreline cleaners can be used after the gross product has been removed.
- Checklist is framework to approach the decision.
- Vetted through the S&T committee to look at toxicities?
- Pre-authorization is not guaranteed use. For FOSC and State OSCs, pre-authorization is good to have in the emergency toolbox.

Subcommittee Meeting Report Out

- Science and Technology-
 - Will discuss what has come out of the Countermeasure discussion
 - Develop fact sheet
 - Chemical Countermeasures checklist review-does it need to be updated?
- Planning
 - Freshwater spills symposium-Currently planned for April 23-25, 2013. Different format are being discussed.
 - GIS Survey-working through responses. Will compile and report out at the next meeting.
 - Significant work in wildlife areas-3 trainings provided.
 - IAPs where appropriate. Response strategies where appropriate.
 - Habitat Fact Sheets Update
 - RRT website being redesigned with a contractor. Coordinators will also be administrators to the website for updating.
- Training
 - Mission Statement-drafted and forward on.
 - We will continue to disseminate training information thru the coordinators as it is received.
 - Training-freshwater SCAT in Atlanta in November. Steve Lehman to work with SSC to determine a location for training in Region 5.
 - NOAA training for ALOHA, CAMEO, MARPLOT

Wildlife Response Planning-Jason Suckow, USDA APHIS Wildlife Services

- Wildlife annex will be posted to the RRT website.
- There is a relationship with USFWS under PRFAs, working with Pat Ryan on developing a template for the program which will be included in the annex.
- There is currently no tie in to the NRDA process
- APHIS guiding authorities spelled out in the annex, not as many as DOI or USFWS.
- Is APHIS required to show up as part of an oil spill? No-they are invited to be part of the response/incident. USFWS are part of the response because they are the trustees.
- USDA APHIS are trained to go in to capture wildlife.
- APHIS has ~100 people that are hazwhoper certified for wildlife, 745 that have 24 hour training, 25% have 40 hour training.
- Wildlife training was done side by side with the boom training which gave attendees an opportunity to see what the other side does.
- APHIS does not get into rehabilitation. Typically contracted to Tri-State.
- What triggers APHIS response? Call from USCG, EPA, or USFWS. Then staff is deployed. Direct contact from State Agency can also trigger their response.

In-Situ Burning Conference Report Out-Pat McCaffrey, Marathon Ashland Petroleum

- Talking points for outreach
- Experience people got from Deep Water Horizon. Is there a roster of people that have had the experience?
- Attain assets like fire boom? If ISB is in the toolkit, then its up to the plan holder to have the equipment that is needed.
- ISB is in the RCP/ACP. State OSCs can authorize a burn and encourages the federal notification. If the FOSC wants ISB, they need to go to the states for approval.
- Inland manual for in situ burn is in the draft and can be shared.

Closing Remarks

- Next meeting in Springfield, Illinois