Message

From: Edlund, Carl [Edlund.Carl@epa.gov]
Sent: 8/31/2017 1:32:05 AM
To: Brescia, Nicolas [brescia.nicolas@epa.gov]
CC: Carroll, Craig [Carroll.Craig@epa.gov]; Foster, Althea [foster.althea@epa.gov]; Smalley, Bryant [smalley.bryant@epa.gov]; Smith, Monica [smith.monica@epa.gov]; Meyer, John [Meyer.John@epa.gov]; Sanchez, Carlos [sanchez.carlos@epa.gov]; Coltrain, Katrina [coltrain.katrina@epa.gov]
Subject: Fwd: EOC Spot Report: Region 6, Tropical Storm Harvey - UPDATE #11

Nic- did you inspect the Falcon and Brine sites today? Are there inspection reports?

I am a bit concerned that the spot report people are getting ahead of the Region.

Sent from my iPad

Begin forwarded message:

From: "Eoc, Epahq" <Eoc.Epahq@epa.gov>
Date: August 30, 2017 at 6:22:57 PM CDT
To: "Eoc, Epahq" <Eoc.Epahq@epa.gov>
Subject: EOC Spot Report: Region 6, Tropical Storm Harvey - UPDATE #11

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EOC Spot Report: Region 6, Tropical Storm Harvey - UPDATE #11

U.S. Environmental Protection Agency
Report as of August 30, 2017 at 19:20 EDT

Overview: Tropical Storm Harvey made landfall near Cameron, Louisiana and is moving northeast at 8 miles per hour (mph). Maximum sustained winds have decreased to near 40 mph. Additional weakening is forecast during the next 48 hours as the storm moves farther inland. The storm is projected to move through southwestern and central Louisiana on August 30, then move through northeastern Louisiana and northwestern Mississippi August 31.

Harvey is expected to produce additional rainfall accumulations of 3 to 6 inches from southwestern Louisiana and the adjacent border of eastern Texas northeastward into western

Tennessee and Kentucky through September 1 with isolated amounts up to 10 inches. Catastrophic and life threatening flooding will continue in and around Houston, Beaumont/Port Arthur, eastward into southwest Louisiana for the rest of the week. The expected heavy rains spreading northeastward from Louisiana into western Kentucky may also lead to flash flooding. Storm surges are expected at high tide from Holly Beach to Morgan City, Louisiana; San Luis Pass to west of Holly Beach, including Galveston Bay, Texas; and Morgan City to Grand Isle, Louisiana. A few tornadoes are possible on August 30 over parts of Louisiana, Mississippi, southern Alabama, and southeast Arkansas.

State, Local and other Federal Agency Actions: FEMA has activated the NRCC at Level 1 with all Emergency Support Functions (ESFs) and deployed National and several regional Incident Management Assistance Teams (IMATs). FEMA's Region VI RRCC is also at Level 1. The Texas, Louisiana and New Orleans EOCs are at full activation. The Texas and Louisiana National Guards have been activated.

EPA Actions:
EPA Region 6:
The Region 6 Emergency Operations Center is currently activated and is working under a limited FEMA Disaster Declaration Mission Assignment (MA). In addition, EPA has received an MA to assist the State of Texas with drinking water, wastewater and Hazmat recovery operations.

Texas
Major disaster declarations are effective in 33 counties in Texas.

Region 6 deployed two On-Scene Coordinators (OSC) on August 25 in support of the State though this ESF. One OSC deployed to the FEMA Regional Response Center in Denton and the second OSC to the State of Texas Operations Center in Austin.

Region 6 is monitoring a situation at the Arkema Facility in Crosby, Texas. The facility is without power and has lost their backup power source for one of the containers. The contents of that container are approaching auto-ignition temperatures and could potentially detonate. The area has been evacuated due to flooding, and local first responders are in the area conducting search and rescue. Region 6 is working with the Department of Homeland Security to develop plume modeling to provide to local responders. The EPA ASPECT aircraft has completed its initial overflight of the Arkema facility in Crosby. No vapors were detected migrating from the site and no thermal abnormalities were detected on the overflight. Should a release or fire occur, ASPECT will collect information about concentration of chemicals in the smoke.

EPA, Texas Commission on Environmental Quality (TCEQ), Texas General Land Office (TGLO) and US Coast Guard are operating in Unified Command. Four National Incident Management Team members are in Corpus Christi on August 30 to establish the Unified Command Center. On August 30 the Unified Command will have seven teams in the field conducting reconnaissance. The teams will consist of TCEQ, Civil Support Core, EPA, and a Coast Guard strike team.

An EPA Trace Atmospheric Gas Analyzer (TAGA) vehicle is enroute from North Carolina to assist with air monitoring in the impacted areas throughout Texas and is scheduled to arrive by September 1. Colorado PHILIS mobile units will be deploying to Corpus Christi. ASPECT has

been deployed to assess the conditions at the Arkema chemical facility in Crosby. The aircraft flew August 30 and gathered data that is now being processed. ASPECT will then proceed to Corpus Christi to assist with response activities.

Two National Priorities List (NPL) Superfund sites were inspected on August 30, 2017, to assess impacts from the hurricane. The two sites are the Falcon Refinery Site and the Brine Service Site both located in Corpus Christi, Texas. Neither site showed significant damage requiring emergency clean-up.

Louisiana
The Governor declared a State of Emergency for all parishes in LA on August 24.

The Louisiana Department of Environmental Quality (LDEQ) reports it has made contact with radiation licensees and reports all sources have been accounted.

Industrial Sources
EPA is working with TCEQ to contact industrial sources within the impacted area to determine their operational status and what support can be provided with the monitoring of the start-up of industrial sources along the coast of Texas. EPA is mobilizing additional personnel to Austin to support the state in this effort.

On August 29, TCEQ reported that Valero's Corpus Christi refinery will begin start-up operations over the next four to six days (approximately September 3). During this start-up procedure they will be running at 60% capacity.

Surface Water Quality Monitoring
Region 6 has drafted an incident-specific surface water sampling plan.

Drinking Water / Wastewater Assessments
The EPA Region 6 Drinking and Wastewater Team will mobilize to Corpus Christi to assist with drinking water and waste water field assessments on August 31. One Water Infrastructure team consisting of two TCEQ staff is slated to visit two systems based on information developed by the TCEQ/EPA call bank in Austin. EPA is supporting TCEQ in contacting drinking water and waste water systems. EPA deployed 10 personnel to assist TCEQ's Drinking Water and Waste Water Phone Bank located in Austin.

Conditions are being monitored at the Houston Northeast Water Purification Plant. The plant is experiencing flood conditions which may overtop the facility. As of 1000 EDT, the plant was operating and maintaining sufficient pressure to keep the system charged and deliver water. They will have pumps/hoses and more diesel delivered this morning. No corrective action can be taken should the facility overtop. The facility would have to go offline until the flood waters recede to the point to allow for re-energizing. This facility is the largest water treatment plant in the City of Houston. George Bush International Airport is dependent upon this facility. The State and FEMA are aware of the situation and will support and provided assets as needed to support the facility.

EPA Laboratory / Analytical Services

The Houston laboratory is reporting that they will be closed until September 5. The laboratory and office buildings are not damaged. EPA has back up capabilities for laboratory services should the Houston facility remain closed.

PHILIS is enroute from Denver, Colorado to the Corpus Christi area. The anticipated arrival in Corpus Christi is September 1. The mobile laboratory will be used to process environmental samples.

Data Management
Region 6 activated the National Data team to provide support data management activities in Corpus Christi. Two Data Team members have been deployed and are expected to arrive in Corpus Christi by September 1.

Communications
EPA is fully integrated into the Department of Homeland Security and FEMA communication structure and management, and participates in the daily National Incident Communication Conference Line (NICCL) call. EPA has initiated its Crisis Communication Plan to ensure rapid response to providing coordinated, accurate, up-to-date information regarding its field activities. EPA Public Information Office will be established in Dallas with forward field components as needed to support the HQ Office of Public Affairs.

Refineries/Fuel Waivers
EPA continues to receive and approve, as appropriate, fuel waiver requests.

EPA Office of Emergency Management (OEM):
The HQ EOC activated on August 28 and is at Level 1 operations. The HQ EOC is coordinating on several levels with Region 6 and other Federal Agencies. The HQ EOC has deployed personnel to the FEMA NRCC to staff the ESF #10 Watch.

EPA Office of Enforcement and Compliance Assurance (OECA)
OECA's Criminal Investigation Division is pulling together a 25 Agent Quick Reaction Team under Public Safety and Security Emergency Support Function (ESF 13) for a potential rapid deployment to the region.

Media Interest: High
http://www.nhc.noaa.gov/

https://www.nbcnews.com/storyline/hurricane-harvey/harvey-already-landmark-event-still-going-strong-threatens-round-two-n796976?cid=par-nbc_20170829

http://www.foxnews.com/us/2017/08/29/harvey-floodwaters-overflow-houston-reservoir-separate-levee-breach-reported.html

https://www.washingtonpost.com/news/post-nation/wp/2017/08/30/harvey-again-makes-landfall-this-time-as-a-tropical-storm-near-cameron-la/?hpid=hp_hp-top-table-main_harvey-blurb-desktop-tablet%3Ahomepage%2Fstory&utm_term=.b5547e2f65f9

https://www.nytimes.com/2017/08/29/us/hurricane-harvey-storm-flooding.html?action=click&pgtype=Homepage&clickSource=story-heading&module=span-abc-region&region=span-abc-region&WT.nav=span-abc-region

Note: The HQ EOC will continue to monitor and provide updates as needed

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