From: Restivo, Angela
Sent: Tuesday, August 29, 2017 6:44 PM
To: Hurricane Harvey Principals
Cc: Eoc, Epahq
Subject: reissued Hurricane Harvey 1700 Update 8/29/2017
Attachments: 8-29-17 1700Update Final.pdf

7036305

Tropical Storm Harvey 2017
8/29/2017 – 1700 CDT Update

Highlights

Texas

EPA is currently monitoring a situation at the Arkema Facility in Crosby, Texas. EPA was notified by our representative at the State Operations Center. The facility is without power and has lost their backup power source for one of the containers. The contents of that container is approaching auto-ignition temperatures and could potentially detonate within the next 24 hours. The area is evacuated due to flooding, local first responders are in the area conducting search and rescue. These personnel are currently being evacuated from the area. EPA is working with the Department of Homeland Security to develop plume modeling to provide to local responders.

Four EPA Region 6 Incident Management Team members are mobilizing to Corpus Christi, Texas today to establish unified command. The team will rendezvous with TCEQ and the Texas General Land Office (TGLO) counterparts as well as US Coast Guard personnel to form a unified command.

Members from the National Incident Management Assistance Team (NIMAT)arrived in Dallas August 29,2017 and is integrated into the Incident Management Team structure.

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 Friday, September 1, 2017.

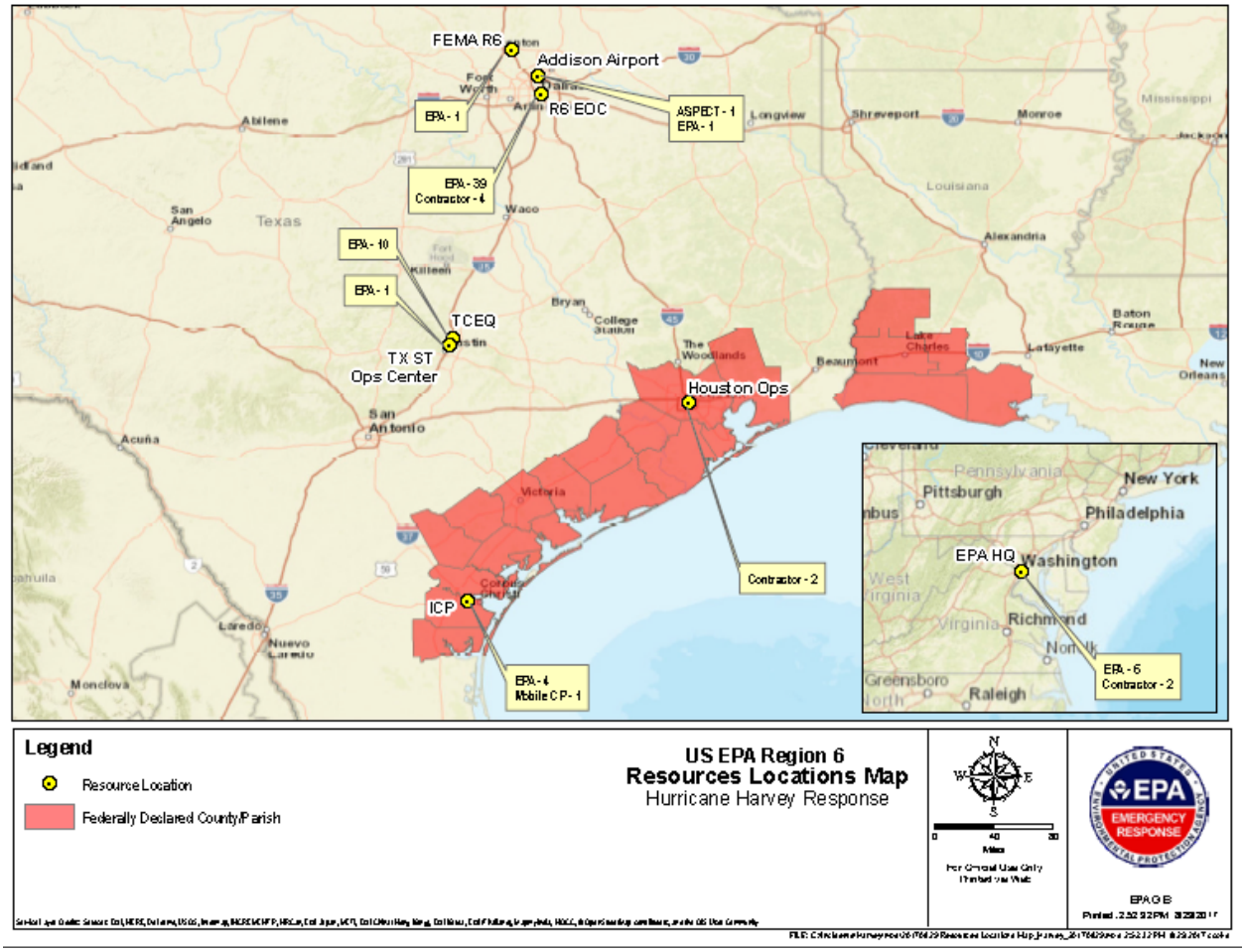
Louisiana

Louisiana Department of Environmental Quality is monitoring for possible flooding. They are ready to respond if needed. As of August 29, 2017 no additional parishes have been declared.

Resources

As of Tuesday, August 29, 2017 at 1700.

Personnel	EPA Dallas, TX	FEMA Denton, TX	Texas SOC Austin, TX	TCEQ Austin, TX	Houston, TX	Corpus Christi, TX	HQ EOC Wash DC	Totals
EPA	39	1	1	10		4	6	61
START	3				2	2		7
IT Contractor	1						2	3
TOTAL	43	1	1	10	2	4	8	69



Industrial Sources

On August 29, 2017, the Texas Commission on Environmental Quality reported that Valero's Corpus Christi refinery will begin start up operations over the next four to six days. During this start-up procedure they will be running at 60% capacity.

Spill/Release Response

Hotline Calls as of 1500 on August 29, 2017	
Number of Harvey Related Calls Received During Reporting Period	8
Total Number of Harvey Related Calls to Date	36

EPA Emergency Response Assets

EPA's aerial assessment aircraft, is activated and will conduct aerial reconnaissance over the Corpus Christi area starting today, August 29, 2017, as weather permits

Surface and Flood Water Quality Monitoring

EPA has drafted incident specific surface and flood water sampling plan to address public health concerns regarding possible contaminates found in storm water. The plan has been provided to Headquarter for review.

Drinking Water / Wastewater Assessments

Preparing to mobilize teams to assist with drinking water and waste water field assessments as soon as field conditions allow.

EPA is supporting TCEQ in contacting drinking water and waste water systems. Current status as of 1700 on Tuesday, August 29, 2017. EPA deployed 10 personnel to assist TCEQ's Drinking Water and Waste Water Phone Bank located in Austin, Texas.

Drinking Water - Total # of Systems: 4422

STATUS	NUMBER OF SYSTEMS
Contact Pending	43
Out of Contact	27
On generator – lost pressure	3
No problems	172
On generator – never lost pressure	9
No Status	4141
Lost pressure & or Treatment	4
Site visit needed	2
Lifted Boil Water Notice due to negative. BacT samples. Normal ops resumed	3
Not Operating	18

Waste Water - Total # of Systems: 2453

STATUS	NUMBER OF SYSTEMS
Contact Pending - Phone evaluation only	18
Out of Contact - phone evaluation only	9
No Problems	179
No Status	2226
WWTP and/or Collection on Generator or bypass pumps for Lift Station	15
WWTP and/or Collection nonoperational no Sanitary Sewer Overflow	2
WWTP and/or Collection Partially Operational Sanitary Sewer Overflow	4

EPA Laboratory/ Analytical Services
The Houston laboratory is reporting that they will be closed until Tuesday September 5, 2017. The laboratory and office building is not damaged. EPA has back up capabilities for laboratory services should the Houston facility remain closed.

EPA's organic chemical mobile laboratory is enroute from Denver, Colorado to the Corpus Christi area. The anticipated arrival in Corpus Christi is Friday September 1, 2017. The mobile laboratory can be utilized to process environmental samples.

Data Management
Region 6 activated the National Data team to provide support data management activities in Corpus Christ. Two Data Team members have been deployed and are expected to arrive in Corpus Christi by Friday September 1, 2017.

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

1. TEXAS: EPA has approved the State of Texas' request to extend the Texas fuel waiver to allow use of non-road diesel fuel in on-road applications. This non-road fuel has different tax treatment, and to differentiate it, is colored with red dye. We need to waive the limitations in our regulations and then IRS needs to issue a waiver as well.

2. LOUISIANA: A waiver that would allow use of 9.0lb. RVP was approved on 28 August.

3. GEORGIA: The fuels team is continuing to investigate the fuel supply issue. It is likely that we will need to issue a waiver soon.

4. <u>Oklahoma submitted a statewide low Reid Vapor Pressure (RVP) fuel waiver request on 28 August.</u>

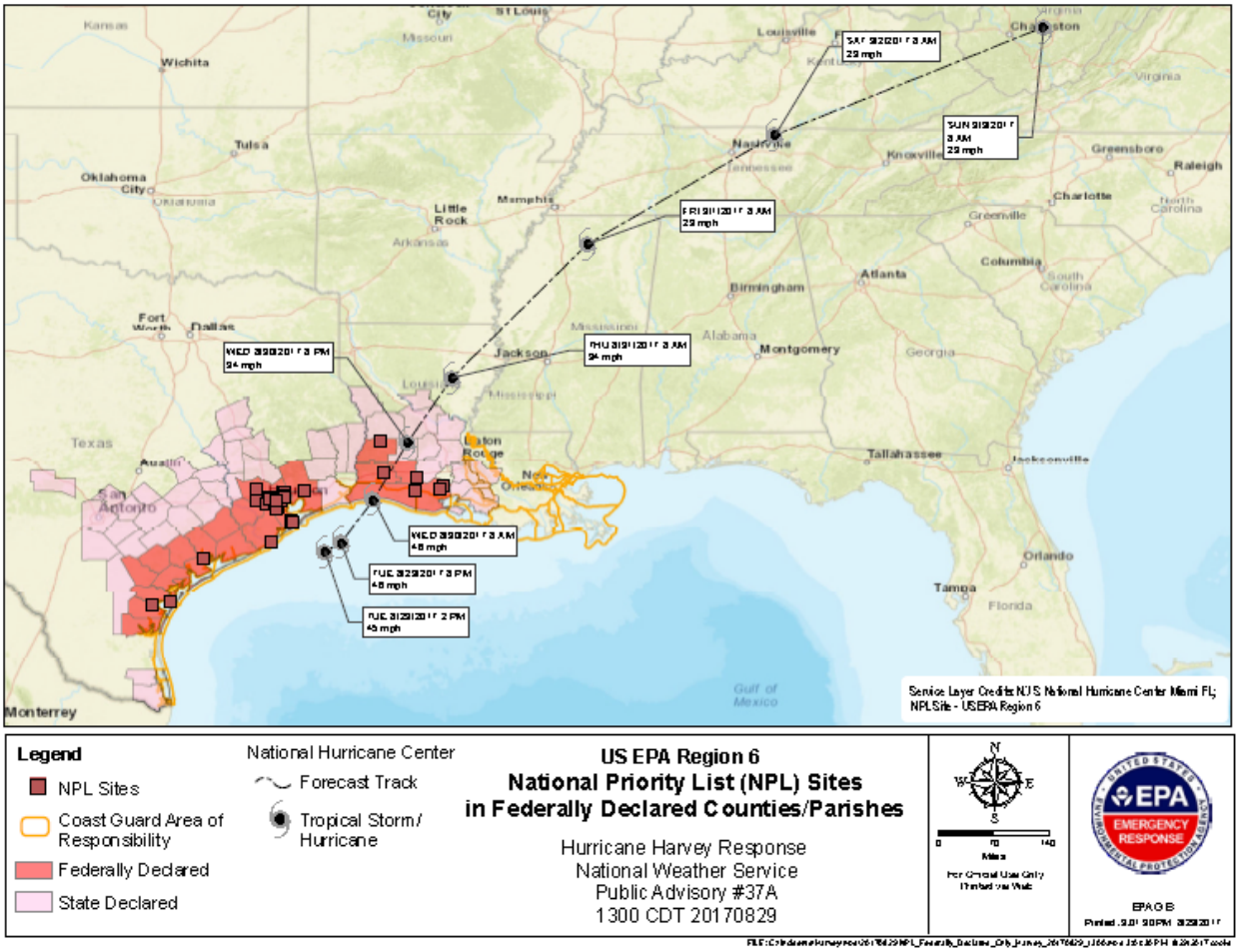
5. <u>The Renewable Fuels Association submitted a request to relax the RVP to 10 psi.</u>

Funding

EPA has received a Mission Assignment (MA) to assist the State of Texas with drinking water, wastewater and Hazmat recovery operations. This Mission Assignment for $8.5 million added 170 EPA and USCG personnel to the TCEQ Hurricane Harvey response in Corpus Christi, Houston and surrounding impacted areas. This MA is for support of assessment and response operations to actual or threatened spill or release of hazardous materials and oil. Assistance includes response to release/discharges from fixed facilities, as well as orphaned containers and mobile sources.

Superfund NPL Sites

Region 6 Remedial Project Managers continue to monitor and assess the status of NPL sites in the impacted areas. Some sites continue to be inundated with flood water. Assessments of those site will be conducted as flood waters recede. The San Jacinto River Waste Pits site is experiencing severe flooding. The highest point of the temporary cap is under 5-feet of flood water. Floodwaters are not expected to recede for several days.



Superfund Sites within Federally Declared Counties **8/29/2017**

SITE NAME	STATE	COUNTY	STATUS SUMMARY
ALCOA (Point Comfort) / LAVACA BAY	TX	CALHOUN	No Reported Impact
BRINE SERVICE CO.	TX	NUECES	Impacted
BRIO REFINING INC.	TX	HARRIS	Impacted
CRYSTAL CHEMICAL CO.	TX	HARRIS	No Reported Impact
DIXIE OIL PROCESSORS INC.	TX	HARRIS	Impacted
FALCON REFINERY	TX	SAN PATRICIO	Impacted
FRENCH, LTD.	TX	HARRIS	Impacted
GENEVA INDUSTRIES / FUHRMANN ENERGY	TX	HARRIS	Impacted
GULFCO MARINE MAINTENANCE	TX	BRAZORIA	Status not Confirmed
HARRIS (FARLEY STREET)	TX	HARRIS	Status not Confirmed
HIGHLANDS ACID PIT	TX	HARRIS	Impacted
JONES ROAD GROUNDWATER PLUME	TX	HARRIS	No Reported Impact
MALONE SERVICES COMPANY	TX	GALVESTON	Impacted
MANY DIVERSIFIED INTERESTS, INC	TX	HARRIS	Impacted
MOTCO, INC.	TX	GALVESTON	Status not Confirmed
NORTH CAVALCADE STREET	TX	HARRIS	No Reported Impact
PATRICK BAYOU	TX	HARRIS	Impacted
PETRO-CHEMICAL SYSTEMS, INC. (Turtle Bayou)	TX	LIBERTY	Impacted
SAN JACINTO RIVER WASTE PITS	TX	HARRIS	Impacted
SIKES DISPOSAL PITS	TX	HARRIS	Impacted
SOL LYNN / INDUSTRIAL TRANSFORMERS	TX	HARRIS	Impacted
SOUTH CAVALCADE STREET	TX	HARRIS	No Reported Impact
TEX-TIN CORP.	TX	GALVESTON	Impacted
US OIL RECOVERY	TX	HARRIS	Impacted
AMERICAN CREOSOTE DERIDDER	LA	BEAUREGARD	No Reported Impact
GULF STATE UTILITIES (North Ryan Street)	LA	CALCASIEU	No Reported Impact
MALLARD BAY LANDING BULK PLANT	LA	CAMERON	No Reported Impact
SBA SHIPYARD	LA	JEFFERSON DAVIS	No Reported Impact
PAB OIL & CHEMICAL SERVICE	LA	VERMILION	No Reported Impact
GULF COAST VACUUM SERVICES	LA	VERMILION	No Reported Impact
D.L. MUD, INC.	LA	VERMILION	No Reported Impact

Legend of NPL Site Status Summary Indicators	
Impacted	Direct information of storm damage: flooding or wind
No Reported Impact	Direct information of no storm damage
Status not Confirmed	No available information-site not accessible