



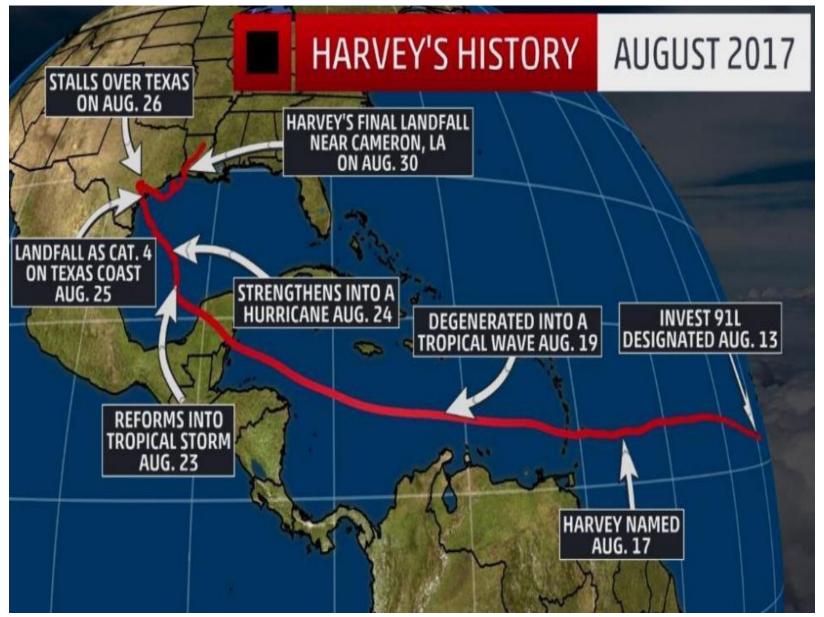
EPA R.6 Disaster Response Work











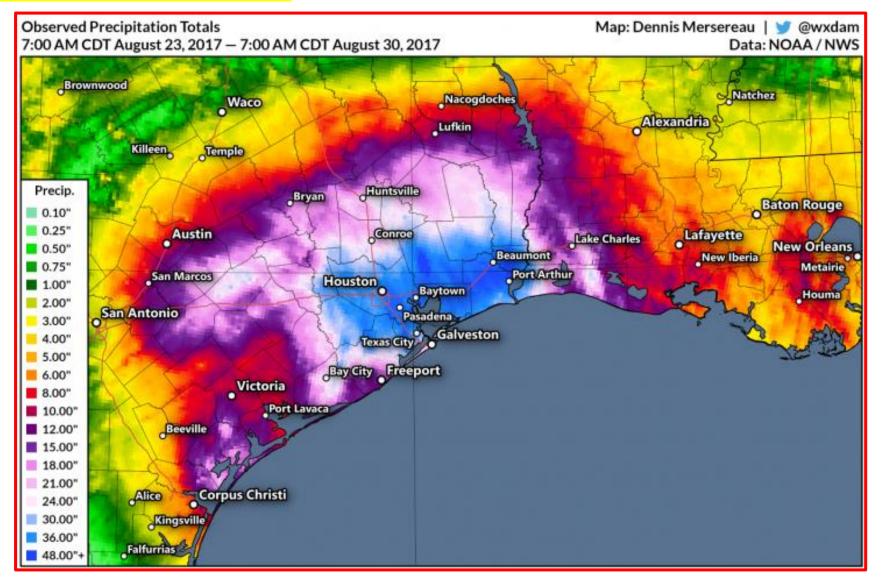








Hurricane Harvey Rainfall



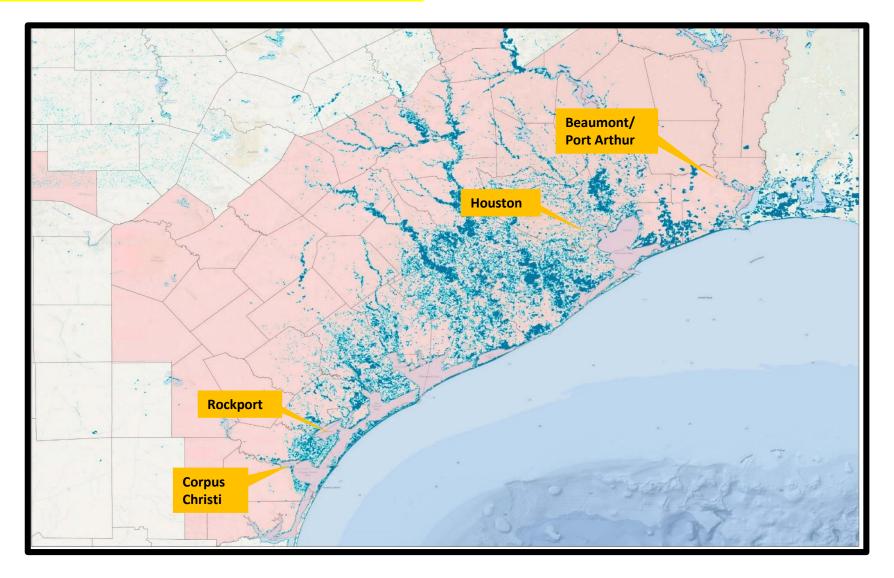








Hurricane Harvey Flooding











UNIFIED COMMAND

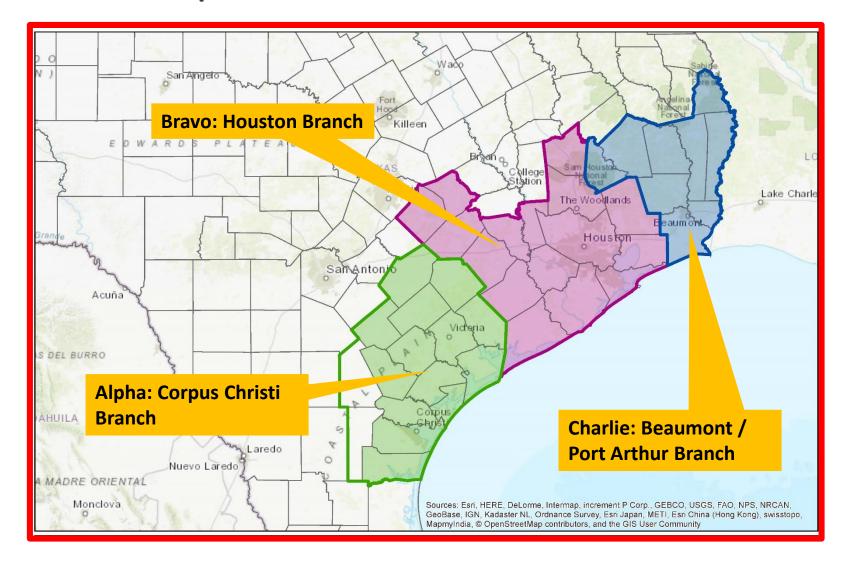








Theater of Operations













Unified Command Mobile Command Post









Command & General Staff Meeting, Corpus Christi, TX





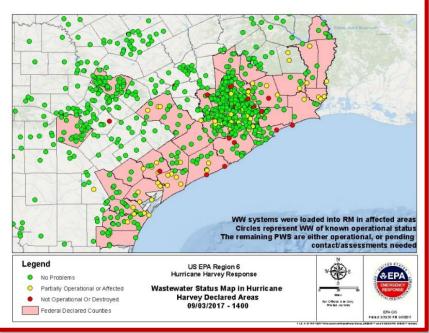




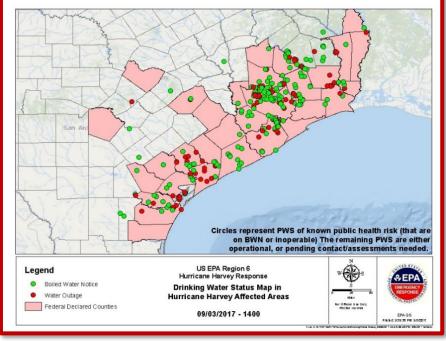


Drinking Water / Waste Water Assessments

















Orphaned Container Recovery

Port Arthur

Corpus Christi

















Support to TCEQ / Staging Area Observers















Superfund Sites













ASPECT Activities

- RMP & FRP assessments
- Pipelines
- Refineries
- Releases at chemical and oil facilities
- Releases and orphan containers



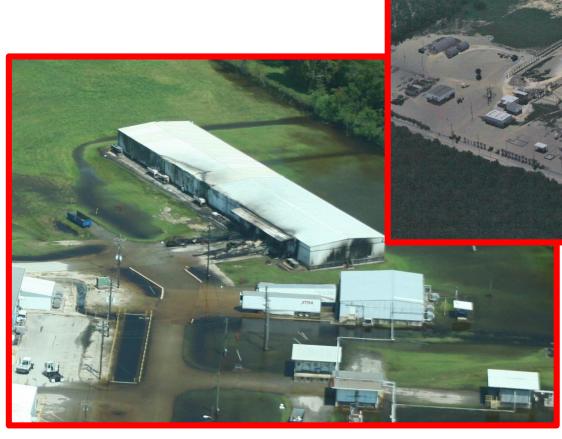








Arkema Chemical Facility, Crosby, TX

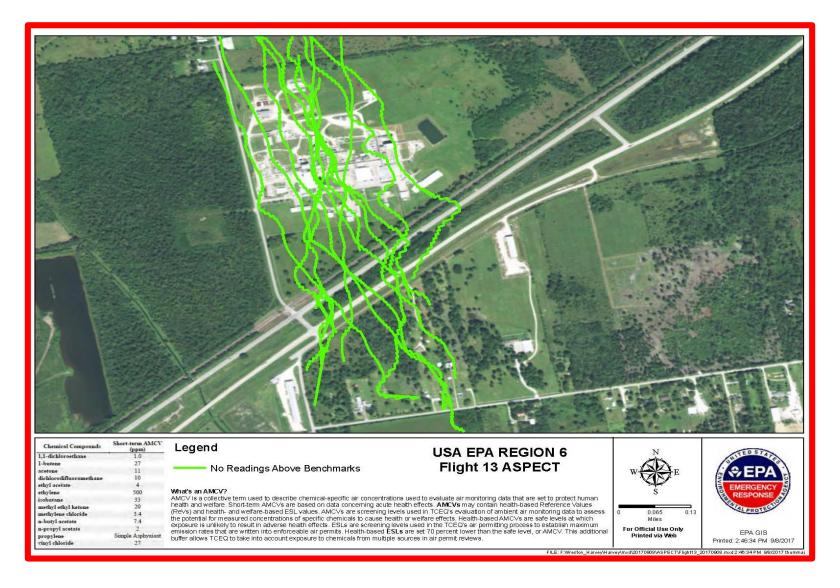




















TAGA Monitoring Activities



- Refineries
- Sensitive communities
- Chemical manufacturing









Protecting Texas by Reducing and Preventing Pollution EPA TAGA Data for Houston & Valero BENZENE Max 20170906 Texas Commission on Environmental Quality GS Team (Mail Code 197) P.O. Box 13067 Austin, Texas 78711-3087 Date: 9/22/2017 0.15 0.3 Miles BENZENE_MAX 0.00 - 0.27 0.28 - 0.740.75 - 1.45 1.46 - 2.522.53 - 4.39 4.40 - 7.24 7.25 - 15.98 This may was generated by the Information Resources Devision of the Texas Commission on Ensirtemental Quality. This product is for informational purposes and may not have been proposed for or be suitable for legal, engineering, or surveying purposes. It does not expre-serted an on-the-ground survey and properatin copy the approximate milative location of properly boundaries. For more information concerning this way, contact the information Resource Division at (512) 230-4380. he event is located in Flams County. The circle (green) in is left inset map represents the approximate location of the even he need map on the right represents the location of Flams. CRF 20170906BENZENE









PHILIS Analytical Activities

- On- Site Releases
- Staging area sampling
- Superfund sites











Community Liaisons











Response Metrics

- 648 Hazard Evaluations completed
- 256 spills investigated
- 1,055 orphan containers recovered
- 2,000 drinking water assessments completed
- 1,200 waste water assessments completed
- Daily aerial over-flights for air monitoring
- Fuel waivers and No Action Assurance letters issued















Response Metrics cont.

- 7 fuel waivers signed, 7th waiver covers 38 states
- 4 No Action Assurance letters signed
- Ground support air monitoring
- 43 NPL site evaluations completed
- EPA fully integrated with TCEQ, TGLO and USCG in Unified Command













