Message

From: gray.david@epa.gov [gray.david@epa.gov]
Sent: 3/26/2019 10:06:38 AM
To: Konkus, John [konkus.john@epa.gov]; Grantham, Nancy [Grantham.Nancy@epa.gov]; Lyons, Troy [lyons.troy@epa.gov]; Palich, Christian [palich.christian@epa.gov]; Frye, Tony (Robert) [frye.robert@epa.gov]; McFaul, Jessica [mcfaul.jessica@epa.gov]; Abboud, Michael [abboud.michael@epa.gov]; Hewitt, James [hewitt.james@epa.gov]; Schiermeyer, Corry [schiermeyer.corry@epa.gov]; Idsal, Anne [idsal.anne@epa.gov]; Chancellor, Erin [chancellor.erin@epa.gov]
Subject: MON PM - International Terminals Corporation Fire

Update
Deer Park, Texas
March 25, 2019 0400 – March 25, 2019 1200

- The US Environmental Protection Agency (EPA) continues to participate in Unified Command with Texas Commission on Environmental Quality (TCEQ), Harris County Pollution Control Services, and ITC.
- On March 25, 2019, ITC continues pumping the residual product/water from Tank 80-7 (Py Gas), as well as the initiation of pumping of Tank 80-10 (Py Gas) and 80-13 (PyGas).
- ITC continues foaming of the secondary containment and tanks to prevent reignition and reduce emissions continues. A two-foot layer of foam (and one-inch layer of liquid) is being maintained.
- On March 25, 2019, EPA reviewed ITC's Waste Management Plan in conjunction with TCEQ.
- On March 25, 2019, EPA shipped 15 surface water samples(eight samples collected on March 23, 2019 and seven samples collected on March 24, 2019) to the Region 5 Laboratory in Chicago, Illinois for Per – and Polyfluoroalkyl Substances (PFAS) analysis. The surface water samples were collected along Buffalo Bayou and San Jacinto River.
- EPA conducted surface water samples on March 25, 2019 at 7 locations. Four sample locations were along Buffalo Bayou and three locations were along the San Jacinto River. The surface water samples will be analyzed for PFAS, Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), Chemical Oxygen Demand (COD), and Oil & Grease.
- Several entities including Harris County, TCEQ, EPA, the 6th Civil Support Team, and ITC continue to conduct air monitoring around the tank farm, in adjoining industrial areas, and communities downwind from the facility.
- The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft was unable to collect chemical information from 4:00 am to 12:00 pm on March 25, 2019, due to low cloud cover. ASPECT will continue to collect chemical information during the next reporting period.
- EPA conducted air sampling using the Trace Atmospheric Gas Analyzer (TAGA) on March 25, 2019. The TAGA analyzed the air samples for benzene, toluene and xylene. The TAGA air sampling results were compared to the TCEQ short-term Air Monitoring Comparison Values (AMCVs) and found no exceedances of the short-term AMCVs for benzene, toluene,and xylene.
- EPA conducted handheld air monitoring on March 25, 2019 from12:00 pm to 4:00 am at 47 locations. No results above the detection limit have been observed.
- ITC continued air monitoring on March 25, 2019; there were 3,388 Volatile Organic Compounds readings (110 detects) and 2,524 benzene readings (110 detects) to date. During this reporting period, there were 273 VOCs readings (0 detects) and 222 benzene readings (0 detects).
- TCEQ continued handheld air monitoring between 4:00 am and 12:00 pm on March 25, 2019 (four detected values).
- On March 25, 2019, ITC continues recovery operations at Tucker Bayou.

Sent from my iPhone

On Mar 25, 2019, at 4:56 PM, Gray, David <gray.david@epa.gov> wrote:

Intercontinental Terminals Company (ITC) Fire Morning Update
Deer Park, Texas
March 25, 2019 0400 – March 25, 2019 1200

- The US Environmental Protection Agency (EPA) continues to participate in Unified Command with Texas Commission on Environmental Quality (TCEQ), Harris County Pollution Control Services, and ITC.
- On March 25, 2019, ITC continues pumping the residual product/water from Tank 80-7 (Py Gas), as well as the initiation of pumping of Tank 80-10 (Py Gas) and 80-13 (PyGas).
- ITC continues foaming of the secondary containment and tanks to prevent reignition and reduce emissions continues. A two-foot layer of foam (and one-inch layer of liquid) is being maintained.
- On March 25, 2019, EPA reviewed ITC's Waste Management Plan in conjunction with TCEQ.
- On March 25, 2019, EPA shipped 15 surface water samples(eight samples collected on March 23, 2019 and seven samples collected on March 24, 2019) to the Region 5 Laboratory in Chicago, Illinois for Per – and Polyfluoroalkyl Substances (PFAS) analysis. The surface water samples were collected along Buffalo Bayou and San Jacinto River.
- EPA conducted surface water samples on March 25, 2019 at 7 locations. Four sample locations were along Buffalo Bayou and three locations were along the San Jacinto River. The surface water samples will be analyzed for PFAS, Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), Chemical Oxygen Demand (COD), and Oil & Grease.
- Several entities including Harris County, TCEQ, EPA, the 6th Civil Support Team, and ITC continue to conduct air monitoring around the tank farm, in adjoining industrial areas, and communities downwind from the facility.
- The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft was unable to collect chemical information from 4:00 am to 12:00 pm on March 25, 2019, due to low cloud cover. ASPECT will continue to collect chemical information during the next reporting period.
- EPA conducted air sampling using the Trace Atmospheric Gas Analyzer (TAGA) on March 25, 2019. The TAGA analyzed the air samples for benzene, toluene and xylene. The TAGA air sampling results were compared to the TCEQ short-term Air Monitoring Comparison Values (AMCVs) and found no exceedances of the short-term AMCVs for benzene, toluene,and xylene.
- EPA conducted handheld air monitoring on March 25, 2019 from12:00 pm to 4:00 am at 47 locations. No results above the detection limit have been observed.
- ITC continued air monitoring on March 25, 2019; there were 3,388 Volatile Organic Compounds readings (110 detects) and 2,524 benzene readings (110 detects) to date. During this reporting period, there were 273 VOCs readings (0 detects) and 222 benzene readings (0 detects).
- TCEQ continued handheld air monitoring between 4:00 am and 12:00 pm on March 25, 2019 (four detected values).
- On March 25, 2019, ITC continues recovery operations at Tucker Bayou.

Sent from my iPhone

On Mar 25, 2019, at 10:03 AM, Gray, David <gray.david@epa.gov> wrote:

This will be distributed to the delegation shortly. David

Intercontinental Terminals Company (ITC) Fire Morning Update
Deer Park, Texas
March 24, 2019 1200 – March 25, 2019 0400

- The US Environmental Protection Agency (EPA) continues to participate in Unified Command with Texas Commission on Environmental Quality (TCEQ), Harris County Pollution Control Services, and ITC.
- As of March 25, 2019, ITC completed the pumping of Tank 80-15 (Py Gas). ITC continues pumping the residual product/water from Tank 80-7 (Py Gas), as well as the initiation of pumping of Tank 80-10 (Py Gas) and 80-14 (Py Gas).
- ITC continued foaming of the secondary containment and tanks to prevent reignition and reduce emissions continues. A two-foot layer of foam (and one-inch layer of liquid) is being maintained.
- Unified Command developed, reviewed, and approved the Incident Action Plan (#3) for the next operational period.
- Several entities including Harris County, TCEQ, EPA, the 6th Civil Support Team, and ITC continue to conduct air monitoring around the tank farm, in adjoining industrial areas, and communities downwind from the facility.
- The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft was unable to collect chemical information on March 24, 2019, due to cloud cover.
- EPA conducted air sampling using the Trace Atmospheric Gas Analyzer (TAGA) on March 24, 2019. The TAGA analyzed the air samples for benzene, toluene and xylene. The TAGA air sampling results were compared to the TCEQ short-term Air Monitoring Comparison Values (AMCVs) and found no exceedances of the short-term AMCVs for toluene and xylene. The TAGA air sampling results found exceedances of the short-term AMCV for benzene (0.18 ppm). These exceedances of the short-term AMCV for benzene have been shared with unified command and local officials. The TAGA map is not included with this update due to technical difficulties.
- EPA conducted handheld air monitoring from March 24, 2019 (12:00 pm) to March 25, 2019 (4:00 am) at 47 locations. No results above the detection limit have been observed.
- ITC continued air monitoring on March 24, 2019; there were 2,593 Volatile Organic Compounds readings (110 detects) and 1,884 benzene readings (109 detects) to date. During this reporting period, there were 182 VOCs readings (0 detects) and 166 benzene readings (0 detects).
- TCEQ continued handheld air monitoring between 2:00 pm and 10:00 pm on March 24, 2019 (14 readings). No significant readings were detected.
- The United States Coast Guard (USCG) Captain of the Port opened the San Jacinto River for a brief period to allow vessel traffic through the channel on March 24, 2019, between 5:00 pm and 7:00 pm.

- On March 24, 2019, the Rapid Assessment Team (RAT) reported minimal impacts to the shoreline except for a 60x60 feet pocket of material discovered in the Peggy Lake area. On March 24, 2019, the USCG conducted recovery operations in Peggy Lake area. RAT is scheduled to continue visual assessments and documentation along the Bayou shorelines on March 25.
- On March 24, 2019, ITC continues recovery operations at Tucker Bayou. Nine 130 barrels (bbl) and two 70 bbl vacuum trucks are operational. From 7:00 pm to 11:00 pm on March 24, 2019, total of 1,310 bbl of oil/water mix was offloaded into Tank 100-28.

<image001.jpg>