

**FUEL RELEASE RESPONSE, ASSESSMENT, AND CLOSURE
 TRUCK STOP, PORT ALLEN, LOUISIANA**

RELEASE RESPONSE AND ABATEMENT:

Following a failed line test in November 2017 and removal of concrete and overburden during repair of a fuel line, free-phase petroleum product in the form of blended biodiesel was observed in the exposed trench by the repair contractor. A Wright Environmental Services (WES) Project Manager was immediately dispatched to the site to investigate the release, document site conditions, and collect soil samples for laboratory analysis. While onsite, WES personnel met with repair contractors and site personnel to discuss the discovery of the release, initial repair work, and inspected fuel system components to determine the potential extent of the release. WES personnel determined that to collect the necessary soil samples from beneath the affected area, a vacuum truck was needed to remove fluids from the piping trench. WES oversaw management of the vacuum truck and removal of 725 gallons of fluids from the piping trench, WES personnel collected soil samples via hand auger to a depth of 5.5-6.5 feet below ground surface (bgs) directly beneath location of the suspected line failure. Following the fuel line repair, WES personnel directed the installation of a free product recovery access point to facilitate future free product recovery efforts. Subsequent



gauging events indicated residual persistent free product was present near the location of the line failure that required extraction via vacuum truck over multiple events. To complete this work, WES successfully guided the landowner through the application process to obtain funds from the State of Louisiana's tank reimbursement fund and teamed with a local consultant to maintain fund eligibility. In total an additional approximately 375 gallons of fluid was recovered by November 2019 before showing diminishing returns for free product recovery.

SITE ASSESSMENT:

Following the initial release response and product recovery measures, the Louisiana Department of Environmental Quality (LDEQ), citing diminishing return on PSH recovery, directed that a limited site assessment including the advancement of three soil borings and the installation of three groundwater monitoring wells be completed at the site to move the case toward closure. As the work continued to be reimbursement fund eligible, WES maintained oversight of the project via the partnership with the locally licensed consultant and provided a line of communication to the landowner.



Assessment field activities were completed in March 2020 and included the collection of soil samples and installation and sampling of three groundwater monitoring wells. The assessment concluded that concentrations of petroleum hydrocarbons observed in both soil and groundwater samples collected from the site were below applicable standards.

SITE CLOSURE:

Having successfully completed initial release response and abatement measures and site assessment, a request was submitted in July 2020 to the LDEQ for no further action (NFA) and to plug and abandon the three monitoring wells installed at the Site. The LDEQ approved the request and the monitoring well network was properly plugged and abandoned in September 2020 followed by the LDEQ issuing a final NFA letter in November 2020.