

Cable Oil Release

Project Details

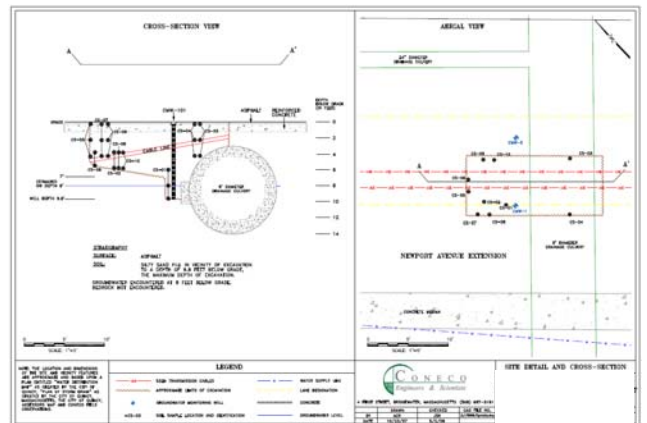
- A total of approximately 360 gallons of cable oil was released adjacent to an 8-foot diameter stormwater culvert
- Immediate Response Action (IRA) activities undertaken by Coneco to address environmental impacts to soil, groundwater, surface water, and the associated wetlands.
- Monthly Compliance Inspections

Project Description

Coneco has provided Licensed Site Professional (LSP) oversight during the IRA activities associated with two separate releases of approximately 260 gallons of cable oil in 2007 and approximately 100 gallons of cable oil in 2013 from an underground electrical transmission cable located in Quincy, Massachusetts. Both releases occurred along an approximately 10 foot length of the underground transmission cable which is located between a stormwater culvert and roadway in an area subject to considerable natural subsidence. Pressure exerted by the subsidence and vehicular traffic resulted in the two separate fissures along the underground transmission cable. As a result of these releases, soil, groundwater, surface water, and the adjacent wetland were impacted by the releases.

To date, immediate response actions conducted by Coneco have included the initial emergency response, identification of the precise release locations, continuous oversight of containment booms within the adjacent creek, culvert restoration oversight, and the implementation of a subsurface investigation to delineate the horizontal and vertical extent of contamination at the Site.

Response Actions have also included the excavation of impacted soil in the immediate vicinity of the release, monthly groundwater and/or non-aqueous phase liquid gauging program, high-vacuum groundwater extraction, surface water sampling with forensic analysis for petroleum hydrocarbon identification, quarterly groundwater sampling, and sediment removal with subsequent sampling in an effort to delineate the extent of residual contamination within the adjacent wetlands.



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