

FACT SHEET

Cleanup Activities at 4418 Striped Maple Court

April 19, 2023

Background

The San Francisco Bay Regional Water Quality Control Board (Regional Water Board) asked Patriot Environmental Services to inform the public about cleanup activities associated with the discovery of an abandoned 12 inches diameter metal pipe with unknown petroleum material at the residence of 4418 Striped Maple Court Concord, California (Site). Pacific Gas and Electric Company (PG&E) discovered an unknown substance during the routine replacement of residential gas service line when the pipe was accidentally hit, and the substance leaked in the bore holes on May 17, 2022, and reported it to the Regional Water Board and Contra Costa Health Services. In August 2022, PG&E excavated the front yard of the residence and discovered a pipeline that contained the substance. PG&E removed the free substance and associated stained soil from the excavation and capped off the pipeline. Now, Patriot Environmental Services is planning to remove the pipeline from the property, and restoration of the yard will follow. The Regional Water Board is overseeing the investigation and cleanup of the material with Contra Costa Health Services also providing oversight.

Site History

The Site is a private residence located in The Crossings subdivision in Concord, CA. Prior to residential house construction in the 1970s, the land use of The Crossings was industrial, and the Cowell Portland Cement Company operated in the area from 1908 to 1946. The petroleum hydrocarbon material discovered by PG&E is presumed, at this time, to be associated with Cowell Portland Cement Company.



Petroleum Hydrocarbon Material and Human Health Risk

The source of the petroleum hydrocarbon material is an abandoned pipeline beneath the front yard and driveway of the residence. The petroleum hydrocarbon material and air quality of the surrounding residences were screened, and no vapors were detected that posed a threat to the health and safety of the public. Patriot Environmental Services will continue monitoring air quality during cleanup activities so that its workers and the community are protected.

Cleanup Plan Next Steps

To remove the abandoned pipe and its content Patriot Environmental Services (PES) will be performing the following over approximately one week period, starting on or about May 8, 2023:

Over-excavate along the existing abandoned pipeline, to identify and expose the length of existing pipe. Place a secondary containment below the pipe on top of plastic sheets to catch any contaminates released. Drill tap the pipe to check for liquid contaminate before cutting pipe into 10'-0" sections (ends wrapped and capped).

If soil has any type of staining PES will determine if additional samples are needed to classify the unknown substance or to clear excavation for backfill. The depth and extent of the source will be documented to ensure appropriate health and safety measures are in place prior to appropriately handling and disposing of the contaminated pipe and impacted soil.

Once the pipe is removed, PES will evaluate if the source is contained to prevent any further discharge and cap abandoned pipe at property line. If the source is contained, PSE will remove the unknown substance and any immediately adjacent impacted soil and containerize for transportation and disposal. If the source is not contained, PSE will cap or stop any further discharge from occurring.

PES will then proceed with backfilling trenching and compacting the trench to match adjacent areas.

Contact Information for Questions

This Fact Sheet will be distributed to area residents through the Cowell Homeowners Association. If you have additional questions, you can contact the following:

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For More Information

Site documents and groundwater quality information are available for review online via GeoTracker, the Water Board's site cleanup database:

https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000019782