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Franklin Cleaners

Environmental Site Remediation Database Search Details

Site Record

Administrative Information

Site Name: Franklin Cleaners

Site Code: 130050

Program: State Superfund Program

Classification: 02

EPA ID Number: NYD000337295

Location

DEC Region: 1

Address: 206-208 B, South Franklin Street

City: Hempstead **Zip:** 11550

County: Nassau

Latitude: 40.698701000

Longitude: -73.622671690

Site Type:

Estimated Size: Acres

Institutional And Engineering Controls

No Institutional And Engineering Controls Information Available

Site Owner(s) and Operator(s)

Current Owner Name: Inoronata Perna

Current Owner(s) Address: 867 Taft Street
West Hempstead, NY, 11552

Current Owner Name: Inoronata Perna

Current Owner(s) Address: 867 TAFT STREET
WEST HEMPSTEAD, NY, 11552

Owner(s) during disposal: INCORONATA PERNA

Owner(s) during disposal: Information not available

Operator during disposal: INCORONATA PERNA

Stated Operator(s) Address: 206-208B S. FRANKLIN ST.
HEMPSTEAD, NY 11550

Operator during disposal: Franklin Cleaners/Grace Cleaners

Stated Operator(s) Address: 206-208 B - South Franklin Street
Hempstead, NY 11550

Site Document Repository

No Repository Information Available

Hazardous Waste Disposal Period

No Hazardous Waste Disposal information available

Site Description:

The site is located on a commercial use street at 206-298B South Franklin Street in Hempstead. Behind the facility is a residential neighborhood. Franklin Cleaners has operated as a dry cleaning establishment since 1957 or prior to this date. The name was changed to Grace Cleaners in 1990. The owner has reported the occurrence of leaks and spills from the machines and equipment. The dry cleaning operation was replaced by a retail clothing store in 1991. In 1990, the Nassau County Department of Health collected water samples from a nearby private drinking water well and an irrigation well, both located at 6 Linden Avenue, Hempstead. Both wells are hydraulically downgradient of the former dry cleaners. The laboratory analysis revealed PCE at 5,500 ppb and 29,000 ppb respectively. In April of 1990, surface soil samples taken from the suspected upgradient source revealed PCE at levels as high as 650,000 ppb. A PSA for the site was completed in March of 1993. This contamination is being released to the underlying sole-source aquifer. The site was referred to the State Superfund Program for a RI/FS Study on November 6, 1995. A final RI/FS Workplan was issued in November 1996, fieldwork began in December 1996 and was completed in April 1997. A contaminant plume extends nearly one mile downgradient of the site with total VOC levels of up to 3 ppm. Significant upgradient contamination has also been identified and appears to be related to one or more dry cleaning establishments. On-site soils and indoor air are also impacted. A ROD was signed on March 30, 1998. The selected remedy consists of SVE treatment of the contaminated soils under the former dry cleaning building, and off-site groundwater extraction and treatment at the leading edge of the groundwater plume. The remedial design of the remedy began in July 1999. Pre-design field work was done in the fall of 1999. The design of the SVE treatment system was completed in May 2000 and the remedial construction was publicly bid in August 2000. The design of the downgradient groundwater treatment system was completed in February 2001 and was bid in March 2001. The Notice to Proceed for the off site system was issued on June 3, 2002. Construction

completion of the offsite system occurred in March 2004. Onsite and offsite treatment systems are running and under site management. Although confirmation samples meet goals, a subslab depressurization system will replace the onsite AS/SVE system in 2006 as vapors were detected in the basement level and subslab.

Material Disposed of at Site and Quantity:

Type of Waste	Quantity of Waste
TETRACHLOROETHYLENE (PCE)	UNKNOWN
TETRACHLOROETHYLENE {(PCE OR "PERC.") F002}	UNKNOWN

Assessment of Environmental Problems:

Tetrachloroethylene (PCE), trichloroethylene (TCE), & cis-1,2-dichloroethylene contaminated soils located in the rear alley & basement of the Franklin Cleaners property as well as in the groundwater beneath the site. The contaminated soil and groundwater were remediated with the AS/SVE system beginning September 2003. The onsite AS/SVE system has successfully removed the contaminants from the vadose zone and greatly deminished groundwater levels to below detectable levels. Although confirmation samples meet goals, a subslab depressurization system will replace the onsite AS/SVE system in 2006 as vapors were detected in the basement level and subslab.

Assessment of Health Problems:

Private drinking water wells previously contaminated with tetrachloroethene (PCE) are not used; public water has been extended to the affected residences. Groundwater extraction wells ensure that contamination does not impact three downgradient public water supply wells. NYSDEC recently constructed a deep irrigation well for a local college, eliminating potential exposures associated with a shallower, contaminated irrigation well. Indoor air contamination with PCE at concentrations above NYSDOH guidelines has been documented in the building on-site and the neighboring commercial building. NYSDEC has installed high-volume carbon filter units to reduce contamination in these buildings. A soil vapor extraction system has been installed to prevent future exposures to contaminated soil vapor.