



225 Valley Place  
Mamaroneck, NY 10543  
(914) 777-1930 Phone  
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**Remedial Action Report  
For  
316 Huguenot Street  
New Rochelle, NY 10801**

**NYSDEC SPILL No.18-02819**

**July 16, 2018**

**Prepared For:  
Mr. Elliot Kracko  
c/o Vinek Corporation  
34 Evans Street  
2<sup>nd</sup> Floor  
New Rochelle New York 108501**

**Prepared by:**

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***Background:***

On June 12<sup>th</sup> of 2018, Northeast Environmental Inc. (Northeast) mobilized crew and equipment to 316 Huguenot Street within the City of New Rochelle, New York. The site consisted of a hardware store operating out of a one-story commercial structure. The site historically operated as an auto repair shop and gasoline service station from the 1950's to early 1980's. The site is situated in a residential and light commercial neighborhood utilizing city-supplied potable water and sanitary systems.

***Purpose:***

Northeast was retained by Vinek Corporation for the removal of three (3) underground storage tanks (USTs) located during a geophysical survey conducted in May of 2018 by Underground Surveying of Brookfield CT. The survey was performed utilizing a ground penetrating radar and magnetic locator technology. Upon completion of the survey, two anomalies were located, one at the rear of the structure and the other within the front asphalt parking area.

***Rear of Structure:***

Upon removal of overburden soils from the rear anomaly, it was observed that a 550-gallon UST was present. The contents of the UST were pumped out, and the tank de-gassed prior to cutting it open to allow cleaning of the residual petroleum and sludge. The UST was then removed, and the soils within the excavation were inspected for a petroleum release utilizing a Multi Rae Portable VOC meter (aka PID Meter). Soils at 0-4' below surface grade (BSG) were observed to have PID readings of 600ppm and would require remediation.

***Front Asphalt Parking Area:***

Removal of overburden soils from the front anomaly found that a previously abandoned 1,000-gallon UST was present, as well as a 300-gallon UST. The 1,000-gallon was filled with K-Crete, and the 300-gallon was observed to be free of any liquids or residual sludge. The USTs were then removed, and the soils within the excavation were inspected for a petroleum release utilizing a PID meter. Soils within all four sides of the excavation were observed to have PID readings in excess of 2000ppm and would require remediation. The presence of petroleum-impacted soil is most likely correlated to when the property was a service station and fuel USTs were maintained on site and had been previously removed.





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***Remedial Activities:***

Remedial efforts commenced on June 13<sup>th</sup> of 2018 with the removal of impacted soils from the rear excavation. Field screening of excavated soils was conducted with a PID meter with those soils showing detectable readings for VOCs were containerized, transported off-site and disposed of at Soil Safe, Inc.-Metro 12 located in Carteret New Jersey. A total of 17.91 tons of petroleum impacted soil was removed from the rear of the structure.

Upon completion of the remedial work at the rear of the structure, efforts turned to remediating the impacted soils at the front of the structure. Field screening of excavated soils was conducted with a PID meter with those soils showing detectable readings in excess of 200ppm for VOCs were containerized, transported off-site and disposed of at Soil Safe, Inc.-Metro 12 located in Carteret New Jersey. A total of 549.82 tons of petroleum impacted soil was removed from the rear of the structure.

During the excavation of petroleum impacted soils, in both the rear and front of the structure, ground water was not encountered. The front excavation reached depths of 20' with no observance of ground water.

***Post Excavation Soil Sampling:***

Upon achieving acceptable PID readings from within the excavated areas, post excavation soil sampling was conducted. Composite soil samples were retrieved from the excavations using sterile hand tools and sampling equipment. Soils were jarred, packed in ice and delivered to a NYS certified laboratory to be analyzed according to NYSDEC protocol for Volatile Organic Contaminants (VOCs) and Semi-Volatile Organic Contaminants (SVOCs). Sampling locations can be viewed on the attached diagram.

Laboratory analytical results were then compared to the NYSDEC Part 375 Soil Cleanup Objectives. No VOCs or SVOCs were observed to be in exceedance of the NYSDEC standards within the post excavation soil samples collected. The analytical reports can be reviewed as an attachment to this report.



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***Conclusion and Recommendation:***

In conclusion, Northeast has removed the three USTs located during a geophysical survey. One 550-gallon UST located in the rear of the structure, one 1,000-gallon UST that was previously filled with K-Crete and one 300-gallon empty UST located in the front asphalt parking area.

The UST in the rear was observed to have had a minimal release into the overburdens resulting in the removal of 17.91 tons of petroleum impacted soil. Post excavation soil sampling of the bottom and a composite of the side walls showed non-detect for VOCs and SVOCs.

The USTs in the front did not appear to be the cause of the observed petroleum impacted soil and most likely were associated with USTs previously removed. The observance of historical petroleum impacted soil resulted in the removal of 549.82 tons of soil. Post excavation sampling of each side wall and two from the base of the excavation showed levels of contaminants in the range of non-detect to below the NYSDEC regulatory standards.

It is Northeast recommendation that no further remedial work is deemed necessary in regards to the historical release of petroleum contaminants with in the areas excavated. In turn we request that the NYSDEC spill case file No.18-02819 should be deemed inactive.

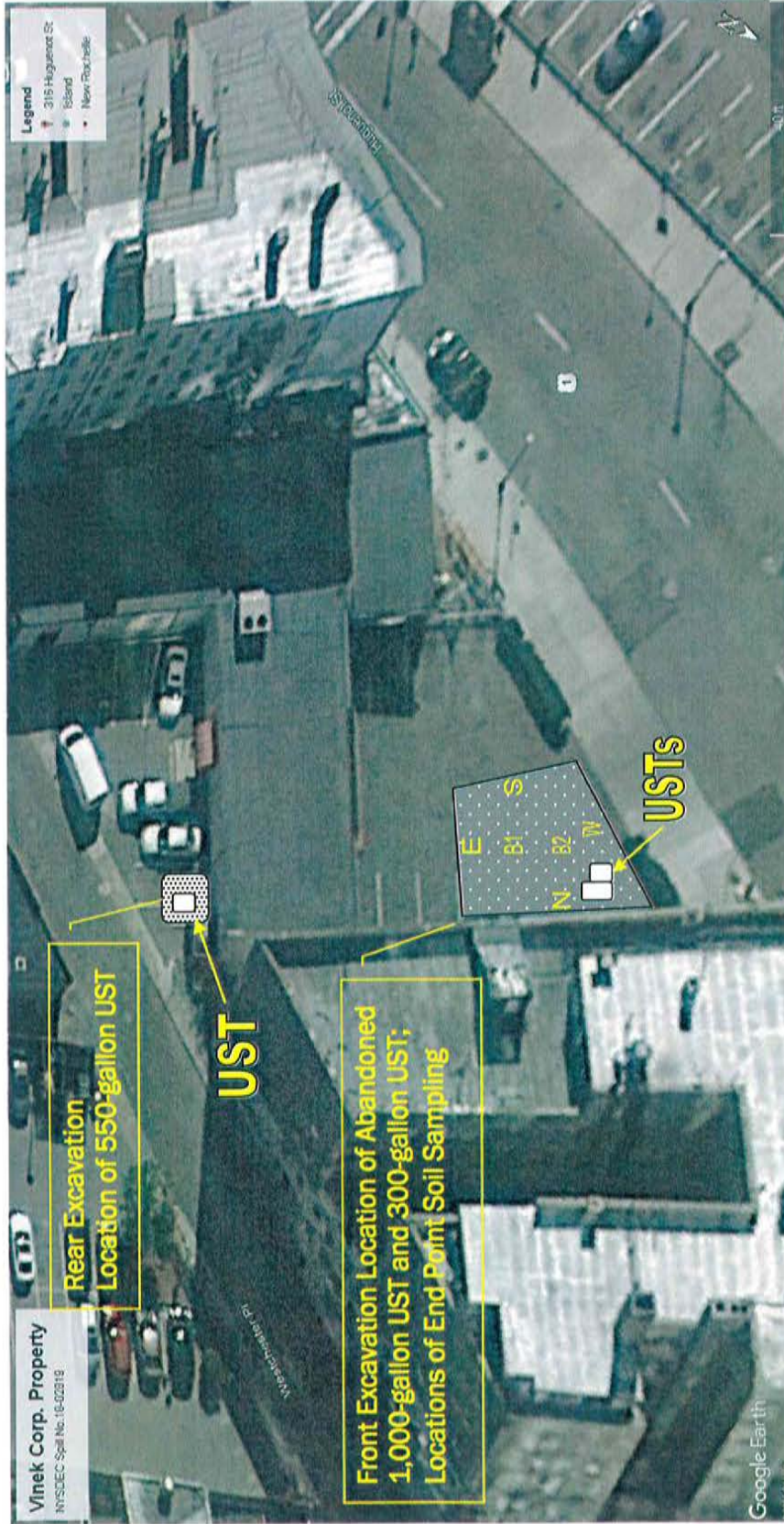






**NORTHEAST ENVIRONMENTAL INC.**

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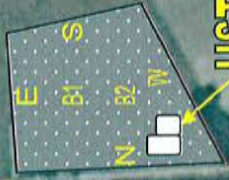


Vinek Corp. Property  
 NYSDEC Spill No. 16-02919

Rear Excavation  
 Location of 550-gallon UST

UST

Front Excavation Location of Abandoned  
 1,000-gallon UST and 300-gallon UST;  
 Locations of End Point Soil Sampling



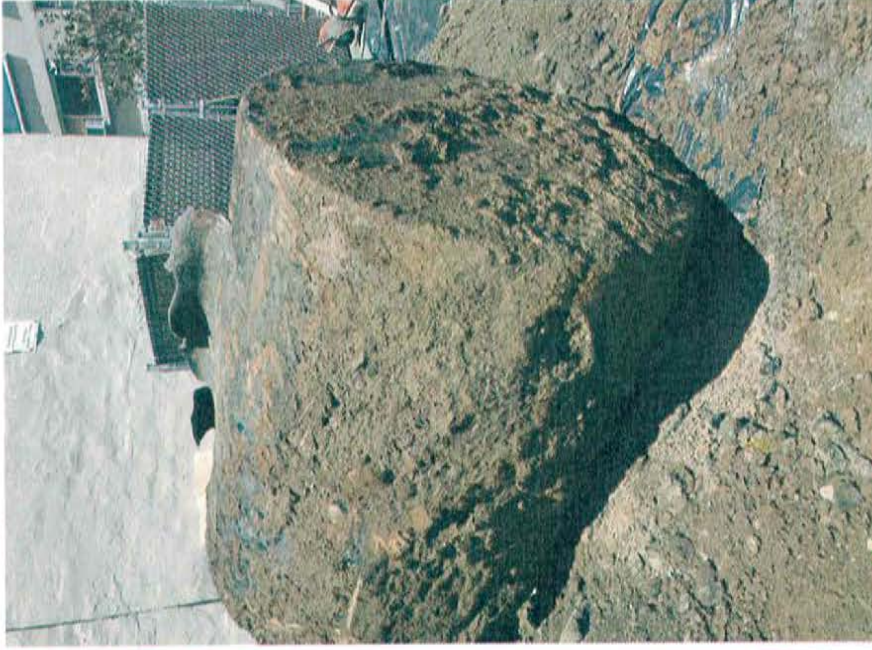
Westchester County License No. WC-14361-H03  
 NYSDEC Waste Transporter No. 3A-500  
 Certified OMNTEC Install and Service Contractor No. 1206613DM

CTDEP Waste Transporter No. 763  
 USEPA Waste Transporter No. NYR-000083766





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550-Gallon UST Located at Rear of Property

Westchester County License No. WC-14361-H03

NYSDEC Waste Transporter No.3A-500

Certified OMNITEC Install and Service Contractor No.1206613DM

CTDEP Waste Transporter No.763

USEPA Waste Transporter No.NYR-000083766





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1,000-gallon UST Located at the Front of Property



300-gallon UST Located at the Front of Property

Westchester County License No. WC-14361-H03  
NYSDEC Waste Transporter No.3A-500  
Certified OMNITEC Install and Service Contractor No.1206613DM

CTDEP Waste Transporter No.763  
USEPA Waste Transporter No.NYR-000063766