LEGEND:

- EXTERIOR UST/ANOMALY SOIL BORING
- GPR-1 — GROUND PENETRATING RADAR ANOMALY
- INTERIOR SOIL BORING
- HISTORICAL STRUCTURE OUTLINE

NOTE: Shaded Values Exceed the NYSDEC Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective

SUNRISE HIGHWAY

N

FORMER AUTO TIRE SERVICE
(OFF SITE - ADJACENT PROPERTY)

FORMER DRY CLEANER

FORMER CABINET AND MACHINE SHOP

FORMER ROOFING MATERIAL WAREHOUSE

PARKING LOT

ONGLEY STREET

APPROXIMATE SITE BOUNDARY

ESB-1 ESB-2 ESB-3 ESB-4 ESB-5 ESB-6 ESB-7 ESB-8 ESB-9 ESB-10 ESB-11 ESB-12 ESB-13 ESB-14 ESB-15 ESB-16

S-1 S-2 S-3 S-4 S-5 S-6 S-7 S-8 S-9 S-10 S-11

UST AREA

Sample ID Collection Date Matrix	Units	Part 375-6.8b - Commercial Use SCOs	Part 375-6.8a - Unrestricted Use SCOs	S-3 (0-2 FT) 12/3/2016 Soil Result
Volatiles				
Tetrachloroethene	ug/Kg	150000	1,300	**15,000**
Trichloroethene	ug/Kg	200000	470	**22,000**

Sample ID Collection Date Matrix	Units	Part 375-6.8b - Commercial Use SCOs	Part 375-6.8a - Unrestricted Use SCOs	S-6 (0-2 FT) 12/3/2016 Soil Result
Volatiles				
Tetrachloroethene	ug/Kg	150000	1,300	**500**
Trichloroethene	ug/Kg	200000	470	**2,100**

Sample ID Collection Date Matrix	Units	Part 375-6.8b - Commercial Use SCOs	Part 375-6.8a - Unrestricted Use SCOs	S-7 (0-2 FT) 12/22/2016 Soil Result
Metals, Total				
Lead	mg/Kg	1000	63	**89.9**

0 30' 60'

SCALE: 1" = 30'

Focused Remedial Investigation Report
486 Sunrise Highway
Rockville Centre, NY

BCA & Associates, LLC
Rockville Centre, NY

GEI Consultants

SOIL SAMPLE EXCEEDANCES

Project 1500620 NOVEMBER 2017 Fig. 6

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Dressler, Sarken E (DEC)

From: Jason Stewart <jasons@act.earth>
Sent: Wednesday, February 10, 2021 5:24 PM
To: Dressler, Sarken E (DEC)
Cc: chelseaf@act.earth; Paul Stewart; Berninger, Steven G (HEALTH); Engelhardt, Chris A. (DEC)
Subject: Re: 486 Sunrise Highway BCP Site no. C130220 PFAS SRI
Attachments: soil borings (4).pdf

Hello Sarken,
In summary, during the remedial investigation, GEI only found soil exceedances in the former cabinet and machine shop(see attached figure). No soil exceedances were found in the soil borings around the former drycleaner. No exceedances for chlorinated VOCs in groundwater were found onsite. In our PFAS investigation, all monitoring wells sampled for PFAS except for PW-2S had concentrations of PFOA and PFOS between 5.4 to 38.9 ppt. This is seen as background at the property because it is seen both upgradient and downgradient to the site. However, PW-2S had a concentration of 116 ppt of PFOS. PW-2S is hydraulically downgradient to the location with TCE and PCE exceedances for soil, which is also the location of the highest soil vapor concentrations for TCE and PCE.

We are proposing to install a soil boring and permanent monitoring well around the former temporary well TW-2 and soil boring S-3 to determine if the soil at the location with PCE and TCE exceedances is contributing to the higher levels of PFOS seen at PW-2S. We will sample for PFAS at 0-2' below the concrete slab and at the groundwater interface. In addition, we will sample for VOC in 2' increments to vertically delineate the VOC concentrations at that location. We will also resurvey the monitoring wells to determine an accurate groundwater flow diagram for the site.

Let me know if you have any questions or concerns

On Wed, Feb 10, 2021 at 2:33 PM Dressler, Sarken E (DEC) <Sarken.Dressler@dec.ny.gov> wrote:

> Jason – As discussed, send me a summary of what we discussed to complete moving forward for review and approval by DOH/DEC.

Thanks,

Sarken Dressler, P.G.

Professional Geologist 1

Division of Environmental Remediation

Remedial Bureau A, Region 1

New York State Department of Environmental Conservation

50 Circle Road, Stony Brook, NY 11790

P: (631) 444-0246 | Sarken.Dressler@dec.ny.gov

www.dec.ny.gov | | |

From: Jason Stewart <jasons@act.earth>
Sent: Wednesday, February 10, 2021 1:11 PM
To: Dressler, Sarken E (DEC) <Sarken.Dressler@dec.ny.gov>
Cc: chelseaf@act.earth; Paul Stewart <pauls@act.earth>
Subject: 486 Sunrise Highway BCP Site no. C130220 PFAS SRI

Hello Sarken,
We have completed the supplemental remedial work for 486 Sunrise Highway BCP Site no. C130220. I have attached the NYSDEC EDD's and laboratory report to this email. In addition, I made a sketched spider diagram showing the concentrations of PFOS and PFOA at the site. We have made following conclusions from the data:
1. Between 10 – 50 ppt of PFOS and PFOA are present in background both hydraulically upgradient and downgradient of the Site.
2. One location (MW2s) hydraulic downgradient of the property has PFOS concentrations of 116 ppt

3. Improper procedures or equipment contamination are likely the cause for the high PFOS seen during the previous investigation. The concentrations of PFOS are significantly lower in the most recent sampling.
4. We propose to install a soil boring and temporary monitoring well at the previously sampled location of TW-2. This location is the PCE/TCE "soil hotspot" of the Site. We will sample for VOC's and PFA's to determine if the nature of the contamination on-site is the cause for the elevated concentrations seen at MW-2s.

Please let me know if you have any questions. I am happy to discuss the supplemental remedial investigation and status of the site with you further.

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Jason Stewart

Cell:(516)589-4050

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Jason Stewart
Cell:(516)589-4050