

Project: Stanton Cleaners - Site Management
 Contractors: HDR and Preferred Environmental Services
 HDR Job No: _____
 Site No: _____
 HDR Project Manager: Michael Lehtinen

HDR
 16 Corporate Woods Blvd
 Albany, NY 12211
 Telephone: 518.937.9500

DAILY REPORT

Day:

S	M	T	W	TH	F	S
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 Date: 1/29/2020
 REPORT No. _____
 PAGE No. 1

WEATHER	Bright Sun	Partly Cloudy	Overcast	Rain	Clear
TEMP	To 32	32-50	50-70	70-85	85 and up
WIND	Light	Moderate	High		
HUMIDITY	Dry	Moderate	Humid		
WIND DIR	NE	NW	SE	SW	
	N	S	E	W	

PREPARED BY: Edward Combs TITLE: Site Rep.

AVERAGE FIELD FORCE

Name of Contractor	Title	Hours Worked	Remarks
Michael Otton	Technician	8:30 - 12:35	Preferred

VISITORS

Name	Time (From - To)	Representing	Remarks
Tom Fogarty	8:15 - 11:15	HDR Inc.	Downloaded Operational Data from Lookout
Verizon Technician	8:00 - 10:00	Verizon	Restored Internet Service to Treatment Building
Todd Daniels	10:30 - 12:35	Intex Environmental	Continued Working on SVE Blower Replacement

EQUIPMENT AT THE SITE

I = Idle W = Working

1. Camera - W	3. Five Gas Meter - W		
2. 100-ft Solinst - W			

OPERATION & MAINTENANCE ACTIVITIES

HDR/Preferred Site Representative: Michael Otton - Preferred
8:30 - MO (Preferred) on-site. SVE offline and GWTS online upon arrival. Assisted Tom Fogarty with downloading data from Lookout.
9:30 - Collected system readings in treatment building. Collected Influent and Effluent Groundwater Samples.
10:00 - Verizon successfully restored internet service to the treatment building. Verizon off-site.
10:00 - Collected Influent GWTS sample.
10:20 - Collected Effluent GWTS sample.
10:30 - Collected Readings from SVE Sampling Ports with 5-Gas Meter.
11:15 - Performed monitoring well gauging activities under Task 4.
12:25 - Performed general system housekeeping activities.
12:35 - Treatment building secured. MO (Preferred) offsite.

- Designates report is continued on additional pages

HDR/Preferred Site Representative: Michael Otton (Preferred)

Project Manager: M. Lehtinen

**STANTON CLEANERS AREA GROUNDWATER
CONTAMINATION SITE
Soil-Vapor Extraction and Pump and Treat System
Monthly O&M Data Log**

Date: 1/29/2020

Data from Computer Display Screen:

Pump	Flow	Valve open
RW-2	166 GPM*	100%
Total Gallons Treated:		498,123,684
Discharge Rate:		*
Discharge Conductivity:		*
Discharge pH:		*
SVE Air Flow Rate:		*

Visual Digital Readouts from Catwalk:

Discharge pH:	4.95
Discharge Temp:	17°C
Discharge Conductivity:	-1.4

Flow meter reading:

Flow Rate:	60 GPM
Total gallons:	8,381,382.8 gallons

meter display in 100 of gallons

Effluent flow meter reading:

Flow Rate:	2578 GPH
Total gallons:	4,762,982.2 gallons

Weather:

40°F, overcast

Notes:

* Meter malfunctioning

Digital reading output for Discharge Rate and Total gallons on flow meter

GPM- Gallons Per Minute

CFM- Cubic Feet Per Minute

**STANTON CLEANERS AREA GROUNDWATER
CONTAMINATION SITE
Soil-Vapor Extraction and Pump and Treat System
Monthly Air Monitoring Log**

Date: 1/29/2020
Project #

	Pipe ID	MultiRAE PGM-6228						VelociCalc Plus				
		VOC	VOC	CO	Oxygen	LEL	H2S	Temp.	Vac. Pre.	%RH	Dew pt.	Flow
SVE-Influent	5.709	N/A	0.0	0.0	20.9	0.0	0.0	NR	NR	NR	NR	NR
Post- Blower Pre-Carbon*	5.706	N/A	1.3	0.0	20.9	0.0	0.0	NR	NR	NR	NR	NR
EPA-SVE-1 (shallow)	1.913	N/A	0.1	0.0	20.9	0.0	0.0	NR	NR	NR	NR	NR
EPA-SVE-1 (medium)	1.913	N/A	0.0	0.0	20.9	0.0	0.0	NR	NR	NR	NR	NR
EPA-SVE-2 (shallow)	1.913	N/A	0.2	0.0	20.9	0.0	0.0	NR	NR	NR	NR	NR
EPA-SVE-2 (medium)	1.913	N/A	0.0	0.0	20.9	0.0	0.0	NR	NR	NR	NR	NR
SS-A	1.913	N/A	0.6	0.0	20.9	0.0	0.0	NR	NR	NR	NR	NR
SVE-3A	1.913	N/A	0.0	0.0	20.9	0.0	0.0	NR	NR	NR	NR	NR
SVE-3B	1.913	N/A	2.0	0.0	20.5	0.0	0.0	NR	NR	NR	NR	NR
SVE-1 Combined	1.913	N/A	1.2	0.0	20.7	0.0	0.0	NR	NR	NR	NR	NR
SVE-2 Combined	1.913	N/A	0.3	0.0	20.9	0.0	0.0	NR	NR	NR	NR	NR
Background	N/A	N/A	0.0	0.0	20.9	0.0	0.0	NR	NR	NR	NR	NR

Historical Notes:

*SVE-Effluent relabeled as "Post-Blower Pre-Carbon Sampling Location"

Equipment calibrated by: Michael Otton
Air readings collected by: Michael Otton

Notes:

*Reading was collected while SVE system was offline
**Maxed out reading on meter
NR- No reading collected due to SVE system being offline
FID: Flame Ionization Detector
VOC: Volatile Organic Compounds (in parts per million)
CO: Carbon Monoxide
LEL: Lower Explosive Limit
H2S: Hydrogen Sulfide
Temperature: Measured in Degrees Fahrenheit
Vacuum Pressure: measured in inches of water (in/H2O)
%RH: relative humidity
Dew Pt.: dew point in degrees Fahrenheit
Flow: measured in cubic feet per minute (CFM)

AS: Air Stripper
SVE: Soil Vapor Extraction System

	<u>Prior to 10/3/05</u>	<u>After 10/3/05</u>
SVE 1	shallow on	shallow and medium on
SVE 2	shallow on	shallow on
SVE 3	shallow on	shallow on
SVE 4	off	off
EPA-SVE-04R/SSB(A)	on	on
SS-A	on	on
SS-B(B)	on	off
SS-B(C)	on	on
L1	on	off
L2	on	off

Comments:

New SVE well EPA-EXT-04 online since 11/4/04
LIHA sub-slab system was removed by the EPA from service in the Fall of 2012.
N/A- Not Available

WATER LEVEL DATA SUMMARY

PROJECT: <u>Stanton Cleaners</u>				JOB NUMBER: _____		
LOCATION: <u>Great Neck, NY</u>				DATE: <u>1/29/2020</u>		
CLIENT: <u>HDR</u>				MEASURED BY: <u>MO</u>		
SURVEY DATUM: <u>ft msl</u>				_____		
MEASURING DEVICE: <u>Solinst Water Level Indicator</u>				_____		
WELL NUMBER	MEASURING POINT		Time	DEPTH TO WATER (FT)	ELEVATION OF WATER (FT)	COMMENTS
	Description	Elevation (FT)				
EPA-MW-11D	ft BTOC	74.63	12:10	56.92	17.71	4" well in p-lot by med sports bldg.
EPA-MW-21-R *	ft BTOC	84.13	N/A	NA	N/A	Getty Gas Station well
EPA-MW-22	ft BTOC	82.20	N/A	N/A	N/A	Under clothing bin- SC p-lot
EPA-MW-23	ft BTOC	82.83	11:20	63.28	19.55	In front of treatment bldg.
EPA-MW-27	ft BTOC	69.32	12:17	49.66	19.66	LIHA PL
ST-MW-06	ft BTOC	69.83	12:20	47.30	22.53	LIHA PL 4"
ST-MW-09A	ft BTOC	78.13	12:14	65.18	12.95	P-lot across from triangle park
ST-MW-11	ft BTOC	75.25	12:05	56.92	18.33	p-lot by entrance to med sports bldg.
ST-MW-12	ft BTOC	87.20	11:55	67.37	19.83	In front of apartment bldg.
ST-MW-14	ft BTOC	69.73	12:23	52.83	16.90	LIHA PL
ST-MW-16	ft BTOC	75.78	11:23	51.12	24.66	Other side treatment bldg. near fence
ST-MW-17	ft BTOC	86.53	11:03	67.88	18.65	In front of apartment bldg.
ST-MW-19	ft BTOC	82.50	11:42	64.96	17.54	Triangle park well
ST-MW-20	ft BTOC	84.53	11:50	70.09	14.44	Near apartment bldg.
EPA-MW-26	ft BTOC	78.37	11:27	57.81	20.56	Ipswich Ave.
ST-MW-15	ft BTOC	90.13	11:38	68.22	21.91	Mirreless Rd
ST-MW-13	ft BTOC	130.95	11:33	80.77	50.18	Amherst Rd
ST-MW-18	ft BTOC	84.40	12:00	65.48	18.92	Ascot Ridge (past apt bldg)

Notes: * EPA-MW-21-R was not accessible. The gas station was fenced off. No access to site.

PHOTOGRAPHIC LOG

Date: 12/11/19

HDR Job No.

Stanton Cleaners Site

PHOTO	DATE	TIME	DESCRIPTION	COMMENTS
20200129_115159	1/29/2020	12:11	SVE blower replacement activities continue to be performed by Intex.	
20200129_105239	1/29/2020	12:10	View of the readings being collected from the SVE sampling ports as part of Task 3.	

Photos

1/29/2020



20200129_115159

SVE blower replacement activities continue to be performed by Intex.



20200129_105239

View of the readings being collected from the SVE sampling ports as part of Task 3.