

July 24, 2023

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Ms. Pamela Tames  
Mr. David Rosoff  
U.S. Environmental Protection Agency  
290 Broadway - 20th Floor  
New York, NY 10007-1866

Re: Progress Update Letter 4 (July 17- July 21, 2023)  
366-394 Wilson Avenue, Newark, NJ (the Site/Property)  
General Facility Tracking Identification # NJN986663052

Dear Mr. Rosoff and Ms. Tames:

This letter summarizes the environmental scope of services performed by Envocare Environmental & Facility Management (ENVOCARE) at the above-referenced property after approval of sampling and quality assurance project plan.

**FIELD ACTIVITIES (July 17-July 21, 2023)**

- On July 17, 2023, ENVOCARE mobilized onsite and conducted background air monitoring for volatile organic compounds (VOCs), Mercury, particulate matter size 10 (PM10) concentrations, and wind direction throughout the day to establish a baseline data for stockpile disposal that would be conducted during the week. Weather forecasts had noted an elevated haze levels in ambient air for the same week.
- On July 18-July 19, 2023, ENVOCARE and Salomone Brothers Inc. (SBI) conducted background soil sampling per Environmental Protection Agency (EPA) Onsite Coordinator (OSC) instruction for additional analysis of parameters that showed exceedances during the first round of sampling on April 17<sup>th</sup> and 18<sup>th</sup> 2023. Stockpiles D and E disposal oversight was also being conducted by SBI in conjunction with sampling and air monitoring activities throughout the week.
- On July 20-July 21, 2023, post removal samples from stockpiles D and E were taken after stockpiles were transported to the Clean Earth of Kearny disposal facility. Tree stumps and concrete found in stockpile E were placed in roll-offs and kept onsite until the approvals were amended before being transported to Clean Earth for disposal.

**BACKGROUND AIR MONITORING/COMMUNITY AIR MONITORING**

As per the approved community air monitoring plan, three (3) DustTrak II/Ranger™ Aerosol monitors, a Jerome® mercury analyzer, a photo ionization detector (PID) and 1 (one) meteorological station were setup upwind and downwind of the site to monitor background mercury, VOCs, and PM10 concentrations, and wind direction throughout the day to establish a baseline data. [Figure 1](#) presents the air monitoring locations.

Background monitoring conducted on July 17<sup>th</sup>, 2023, showed VOC vapor readings were reported below background of zero (0) parts per million(ppm). Mercury vapor readings were reported below the background of 0.09ug/m<sup>3</sup>, and PM10 readings were reported below background of 65 ppm. Ambient air was noted to have elevated haze levels present during background air monitoring that may have impacted PM10 baseline data.

During site activities from July 18<sup>th</sup> to July 21<sup>st</sup>, 2023, VOCs, mercury vapors and PM10 were monitored continuously at the start of each workday. No exceedances over the action limits set in the community air monitoring plan were observed during each workday. [Exhibit A](#) presents the air monitoring data.

### **BACKGROUND SOIL AND POST REMOVAL SAMPLING**

On July 18<sup>th</sup> and July 19<sup>th</sup> 2023, all fourteen (14) background samples were retaken at the same locations as the background activities completed on April 17<sup>th</sup> and April 18<sup>th</sup>, 2023, and the additional analysis will encompass all exceedances detected in each stockpile (VOCs, Semi-volatile organic compounds (SVOCs), Pesticides, Polychlorinated biphenyls (PCBs), Metals, Toxic Characteristic leaching Procedure (TCLP) Metals, Extractable Petroleum Hydrocarbons (EPH), Total Cyanide) as per discussion with the EPA OSC.

On July 20<sup>th</sup> and July 21<sup>st</sup>, 2023, after disposal of stockpile D and E, five (5) post removal samples were taken from stockpile D and seven (7) post removal samples from stockpile E based on area each stockpile occupied and discussion with the EPA OSC. The analysis for post removal samples were analyzed for exceedance detected for stockpile D and E (SVOCs, PCBs, metals, and total cyanide) as discussed with the EPA OSC.

### **DISPOSAL ACTIVITIES**

From July 18<sup>th</sup> to July 21<sup>st</sup>, 2023 a total of sixteen (16) truckloads of non-hazardous soil and three (3) roll offs of concrete and tree vegetation were transported and disposed of at the Clean Earth of Kearny facility for stockpiles D and E. Disposal manifests will be included in the final report.

### **PLANNED ACTIVITIES**

During the week of July 31, 2023, disposal, post-removal sampling and air monitoring will continue for Stockpiles A, B, and C.

Attachments:

Figure 1 – Air Monitoring Location Map

Exhibit A – Background and Community Air Monitoring data

Please contact the undersigned at (732) 208-0928 if you have any questions or comments.

Kind Regards,

Devang Patel  
Project Manager

Cc: jlynch@salomone.com  
jkelly@salomone.com





0 20 40 60  
Scale in Feet

1:500

#### Legend

- ★ Site Location
- Property Boundary
- Pile Location
- ⬢ Air Monitoring Station

NOTES:  
1. PARCEL DATA OBTAINED FROM NEW JERSEY  
GEOGRAPHIC INFORMATION NETWORK (NJGIN)  
2. PARCEL DATA IS NOT FROM A LICENSED  
SURVEYOR... AERIAL AND PROPERTY LINE MAY NOT ALIGN  
3. SERVICE LAYER CREDITS: COPYRIGHT NEARMAP



1" = 160 miles

Figure 1

#### Air Monitoring Location Map

366-394 Wilson Avenue  
(Block: 5038, Lot: 97)  
Newark, New Jersey

Project No: 150405

Date: July 2020

Drawn By: K. Starkes

Checked By: DP

**ENVOCARE**  
ENVIRONMENTAL & FACILITY MANAGEMENT



Exhibit A – Background and Community Air Monitoring  
Data

	Air Monitor 1 (1216)			Air Monitor 2 (1309)			Air Monitor 3: Unit 2		
Time	VOC(ppm)	Mercury(ug/m3)	PM10(ug/m3)	VOC(PPM)	Mercury(ug/m3)	PM10(ug/m3)	VOC(PPM)	Mercury(ug/m3)	PM10(ug/m3)
8:00									
8:15									
8:30									
8:45									
9:00			7.82			11.44			
9:15	0	0.06	4.1	0	0.03	6.71	0	0.05	30.9
9:30	0	0.05	6.18	0	0.06	8.16	0	0.05	26.5
9:45	0	0.06	8.3	0	0	9.23	0	0.06	16
10:00	0	0.01	11.07	0	0.02	11.02	0	0.07	14.9
10:15	0	0.013	15.47	0	0.01	15.37	0	0	41
10:30	0	0.04	17.67	0	0	17.57	0	0	35
10:45	0	0	20.67	0	0	20.91	0	0.07	19
11:00	0	0.02	18.39	0	0	19.49	0	0.1	21
11:15	0	0.02	17.92	0	0.04	18.06	0	0.02	17
11:30	0	0.07	19.79	0	0	19.17	0	0.03	16
11:45	0	0.02	10.12	0	0	10.32	0	0.09	11.6
12:00	0	0.08	10.24	0	0	10.61	0	0.06	11.8
12:15	0	0	15.64	0	0.08	15.35	0	0.08	13
12:30	0	0.01	21.88	0	0.07	20.33	0	0.07	12
12:45	0	0.08	35.1	0	0.01	32.34	0	0.09	13.9
13:00	0	0.03	43.98	0	0.05	39.18	0	0.05	14.2
13:15	0	0.08	51.79	0	0.03	46.91	0	0.08	12.9
13:30	0	0.06	58.88	0	0.08	53.73	0	0.09	14.3
13:45	0	0.07	62.97	0	0.02	57.38	0	0.03	38.1
14:00	0	0.06	62.29	0	0	56.99	0	0.07	39.4
14:15	0	0	64.06	0	0.07	58.42	0	0.06	38.3
14:30	0	0.06	64.38	0	0.02	58.66	0	0.04	39
14:45	0	0.03	61.97	0	0.1	56.43	0	0.03	40
15:00	0	0.05	58.76	0	0.08	53.94	0	0.09	36.9





Wind Direction: N

Site: 366-394 Wilson Ave, Newark  
Community Air Monitoring

Staff: KP/CL Date:07/20/2023

	Air Monitor 1 (1216)			Air Monitor 2 (1309)			Air Monitor 3 (1647)		
Time	VOC(ppm)	Mercury(ug/m3)	PM10(ug/m3)	VOC(PPM)	Mercury(ug/m3)	PM10(ug/m3)	VOC(PPM)	Mercury(ug/m3)	PM10(ug/m3)
8:00	0	0.11	57.03	0	0.05	60.18	0	0.07	30.13
8:15			44.9			45.87			25.67
8:30	0	0.01	41.61	0	0	41.17	0	0	27.38
8:45			36.53			36.16			24.18
9:00	0	0.04	35.27	0	0.02	34.78	0	0	23.2
9:15			34.38			34.29			22.53
9:30	0	0.03	36.58	0	0	36.35	0	0.04	22.98
9:45			36.76			36.24			23.01
10:00	0	0.01	34.01	0	0.03	34.12	0	0.02	21.86
10:15			27.79			28.12			19.72
10:30	0	0.06	28.11	0	0.09	26.39	0	0.07	18.1
10:45			25.33			23.29			16.43
11:00	0	0.02	21.05	0	0.05	20.01	0	0.05	14.08
11:15			18.86			18.01			13.52
11:30	0	0.04	19.38	0	0.08	14.77	0	0.06	10.92
11:45			11.7			12.99			12.07
12:00			10.28			10.93			8.19
12:15			8.47			10			7.1
12:30			9.26			10.13			7.66
12:45			9.42			10.78			8.05
13:00	0	0.016	10.45	0	0.015	11.41	0	0.012	8.78
13:15			10.39			11.67			8.47
13:30	0	0.013	11.27	0	0.011	11.99	0	0.09	8.56
13:45			13.43			13.08			13.93
14:00	0	0.011	11.1	0	0.01	11.71	0	0.01	9.07
14:15			10.13			9.93			8.17
14:30	0	0.029	10.7	0	0.08	8.91	0	0.07	7.83
14:45			7.87			8.59			6.93
15:00			7.29			8.95			7.15



