MEMORANDUM

Date: January 29, 2024

To: Madeleine Babick, NYSDEC
Jane O'Connell, NYSDEC

From: Lauren Dolginko, Roux Environmental Engineering and Geology, D.P.C.

cc: Charles McGuckin, P.E., Roux Environmental Engineering and Geology, D.P.C.
Frank Cherena, P.G., Roux Environmental Engineering and Geology, D.P.C.
Les Bluestone, Brownsville Arts Owner LLC
Jacob Bluestone, Brownville Arts Owner LLC
Serin Cho, Brownsville Arts Owner LLC
Dimitrios Katehis, Brownsville Arts Owner LLC
Linda Shaw, Esq., Knauf Shaw LLP

Subject: **December 2023 Progress Report**
For the period from December 1 through December 31, 2023
366 Rockaway Ave. Cabinet Furniture Manufacturing
Brownfield Cleanup Program (BCP) #C224357
366 Rockaway Avenue, Brooklyn, New York

The following is a summary of work performed at the above referenced Site located at 366 Rockaway Avenue, Brooklyn, New York from December 1 through December 31, 2023. This progress report was prepared as required by the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Agreement (BCA) Index No. 224357-12-22 dated January 23, 2023. Section XI of the BCA specifies the required contents of this Report, which are detailed below.

Remedial Investigation Field Work

The Remedial Investigation (RI) field work commenced on December 6, 2023 and continued through December 14, 202. Roux remobilized to the Site on December 21, 2023 to complete the groundwater sampling one week after onsite monitoring wells were developed. The RI field work is expected to be completed in January of 2024. All work was completed in accordance with the NYSDEC-approved Remedial Investigation Work Plan (RIWP) dated June 26, 2023. Roux implemented the Community Air Monitoring Plan (CAMP) during all ground intrusive work. CAMP monitoring data was submitted to NYSDEC on a daily basis. There were no exceedances of particulate or volatile organic compounds (VOCs) during this reporting period.

Site Reconnaissance and Geophysical Survey

Prior to start of RI field activities, a Site reconnaissance was completed to determine final sampling locations based on actual field conditions. As part of the Site reconnaissance, an inspection of the existing monitoring wells located in the northwest and central portion of the Site was completed. The monitoring wells appeared in good condition.

A geophysical survey was also completed on December 12, 2023, in order to locate underground utilities and potential subsurface anomalies. The geophysical survey did not indicate the presence of subsurface utilities or anomalies indicative of underground storage tanks (UST) in any areas of RI soil borings or monitoring wells.

RI and Waste Characterization (WC) Soil Sampling

During this reporting period, Roux collected soil samples from 13 soil boring locations, as stipulated in the NYSDEC-approved RIWP. All soil boring locations were precleared to five feet bls using hand tools and

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were advanced utilizing a direct push Geoprobe Drill Rig. Soil samples were collected continuously from land surface to the targeted final depth interval. Soil from each boring was inspected for evidence of impacts and screened for organic vapors using a photoionization detector (PID). There was no evidence of impacts during initial field screening of recovered soil during this reporting period. Soil lithology was recorded according to the United States Classification System (USCS). All samples were collected in appropriate laboratory-provided containers and transported to TestAmerica Laboratories in Edison, New Jersey, a National Environmental Laboratory Approval Program (NELAP) accredited-laboratory.

RI soil samples were analyzed for the following parameters listed in the table below:

Sample Location ID	Soil Sample Depths (below land surface)	Analyses
RXSB-13	0-2 inches	TCL/NYSDEC Part 375 SVOCs, pesticides, PCBs, TAL/NYSDEC Part 375 metals
	2-6 inches	TCL/NYSDEC Part 375 VOCs
	6-8 feet	TCL/NYSDEC Part 375 VOCs, SVOCs, pesticides, PCBs, TAL/NYSDEC Part 375 metals, Emerging Contaminants* (ECs)
	10-12 feet	TCL/NYSDEC Part 375 SVOCs and TAL/NYSDEC Part 375 metals
RXSB-14	0-2 inches	TCL/NYSDEC Part 375 SVOCs, pesticides, PCBs, TAL/NYSDEC Part 375 metals
	2-6 inches	TCL/NYSDEC Part 375 VOCs
	8-10 feet	TCL/NYSDEC Part 375 VOCs, SVOCs, pesticides, PCBs, TAL/NYSDEC Part 375 metals, ECs*
	10-12 feet	TCL/NYSDEC Part 375 SVOCs and TAL/NYSDEC Part 375 metals
RXSB-15	0-2 inches	TCL/NYSDEC Part 375 SVOCs, pesticides, PCBs, TAL/NYSDEC Part 375 metals
	2-6 inches	TCL/NYSDEC Part 375 VOCs
	2-4 feet	TCL/NYSDEC Part 375 VOCs, SVOCs, pesticides, PCBs, TAL/NYSDEC Part 375 metals, ECs*
	8-10 feet	TCL/NYSDEC Part 375 SVOCs and TAL/NYSDEC Part 375 metals
RXSB-16	0-2 inches	TCL/NYSDEC Part 375 SVOCs, pesticides, PCBs, TAL/NYSDEC Part 375 metals
	2-6 inches	TCL/NYSDEC Part 375 VOCs
	0-2 feet	TCL/NYSDEC Part 375 VOCs, SVOCs, pesticides, PCBs, TAL/NYSDEC Part 375 metals, ECs*
RXSB-17/RXMW-3	0-2 inches	TCL/NYSDEC Part 375 SVOCs, pesticides, PCBs, TAL/NYSDEC Part 375 metals
	2-6 inches	TCL/NYSDEC Part 375 VOCs
	8-10 feet	TCL/NYSDEC Part 375 VOCs, SVOCs, pesticides, PCBs, TAL/NYSDEC Part 375 metals, ECs*
	10-12 feet	TCL/NYSDEC Part 375 SVOCs and TAL/NYSDEC Part 375 metals
RXSB-18	0-2 inches	TCL/NYSDEC Part 375 SVOCs, pesticides, PCBs, TAL/NYSDEC Part 375 metals
	2-6 inches	TCL/NYSDEC Part 375 VOCs
	6-8 feet	TCL/NYSDEC Part 375 VOCs, SVOCs, pesticides, PCBs, TAL/NYSDEC Part 375 metals, ECs*

Sample Location ID	Soil Sample Depths (below land surface)	Analyses
	8-10 feet	TCL/NYSDEC Part 375 SVOCs and TAL/NYSDEC Part 375 metals
RXSB-19	0-2 inches	TCL/NYSDEC Part 375 SVOCs, pesticides, PCBs, TAL/NYSDEC Part 375 metals
	2-6 inches	TCL/NYSDEC Part 375 VOCs
	4-6 feet	TCL/NYSDEC Part 375 VOCs, SVOCs, pesticides, PCBs, TAL/NYSDEC Part 375 metals, ECs*
	6-8 feet	TCL/NYSDEC Part 375 VOCs, SVOCs, and TAL/NYSDEC Part 375 metals
	8-10 feet	TAL/NYSDEC Part 375 metals
	10-12 feet	TCL/NYSDEC Part 375 SVOCs and TAL/NYSDEC Part 375 metals
RXSB-20	0-2 inches	TCL/NYSDEC Part 375 SVOCs, pesticides, PCBs, TAL/NYSDEC Part 375 metals
	2-6 inches	TCL/NYSDEC Part 375 VOCs
	4-6 feet	TCL/NYSDEC Part 375 VOCs, SVOCs, pesticides, PCBs, TAL/NYSDEC Part 375 metals, ECs*
	6-8 feet	TCL/NYSDEC Part 375 SVOCs
RXSB-21	0-2 inches	TCL/NYSDEC Part 375 SVOCs, pesticides, PCBs, TAL/NYSDEC Part 375 metals
	2-6 inches	TCL/NYSDEC Part 375 VOCs
	4-6 feet	TCL/NYSDEC Part 375 VOCs, SVOCs, pesticides, PCBs, TAL/NYSDEC Part 375 metals, ECs*
	6-8 feet	TAL/NYSDEC Part 375 metals
RXSB-22	0-2 inches	TCL/NYSDEC Part 375 SVOCs, pesticides, PCBs, TAL/NYSDEC Part 375 metals
	2-6 inches	TCL/NYSDEC Part 375 VOCs
	0-2 feet	TCL/NYSDEC Part 375 VOCs, SVOCs, pesticides, PCBs, TAL/NYSDEC Part 375 metals, ECs*

* As required by NYSDEC, soil samples were analyzed for the emerging contaminants (ECs) 1,4-Dioxane and PFAS, which include the 21 compounds listed in accordance with the Sampling, Analysis, and Assessment of PFAS under NYSDEC's Part 375 Remedial Programs guidance document (NYSDEC April 2023 PFAS Guidance).

1 – Sample submitted to the laboratory with, TCL/NYSDEC Part 375 SVOCs and TAL/NYSDEC Part 375 metals on hold. Sample will be analyzed for the parameter group that exceeded RRSCOs, pending the results of the 2-ft interval collected directly above.

Laboratory analytical reports, soil analytical data tables, and soil boring logs related to the RI soil samples will be included in the Remedial Investigation Report/Remedial Action Work Plan (RIR/RAWP).

WC soil samples were collected during the RI to characterize the soil for future offsite disposal. A total of 38 WC soil samples were collected and analyzed for parameters including the following:

- TCL/Soil Remediation Standards (SRS)/NYSDEC Part 375 VOCs;
- TCL/SRS/NYSDEC Part 375 SVOCs;
- TCL/SRS/NYSDEC Part 375 pesticides;
- TCL/SRS/NYSDEC Part 375 herbicides;
- TCL/SRS/NYSDEC Part 375 PCBs;

- TCL/SRS/NYSDEC Part 375 metals (including hexavalent chromium, trivalent; chromium, and total cyanide);
- Resource Conservation and Recovery Act (RCRA) characteristics;
- TCLP Metals;
- Paint filter; and
- New Jersey extractable petroleum hydrocarbons (NJEPH).

Monitoring Well Installation

One new monitoring well (RXMW-3) was installed during this reporting period and was sampled as part of the RI. One soil boring (RXSB-17) was converted to monitoring well RXMW-3 and extended to the water table, which was observed at approximately 39 ft bls. Two existing monitoring wells (RXMW-1 and RXMW-2) that were installed during Roux's Supplemental Investigation in 2022 were also sampled as part of the RI. All monitoring wells were constructed with 10 feet of 2-inch diameter, 0.02-inch slot polyvinyl chloride (PVC) screen to straddle the water table. A full gauging event of all monitoring wells was conducted prior to sampling.

RI groundwater samples were analyzed for the following parameters:

- TCL/NYSDEC Part 375 VOCs;
- TCL/NYSDEC Part 375 SVOCs;
- TCL/NYSDEC Part 375 pesticides;
- TCL/NYSDEC Part 375 PCB;
- TAL/NYSDEC Part 375 total and dissolved metals (including total cyanide); and
- PFAS via USEPA 537 IDA Standard List (21 Analytes).

Laboratory analytical reports, groundwater analytical data tables, monitoring well construction logs, and groundwater sampling field forms will be included in the RIR/RAWP.

NYSDEC Submittals/Upcoming Work

RI field work is expected to be completed in January of 2024. A Remedial Investigation Report (RIR)/Remedial Action Work Plan (RAWP) will be prepared and submitted to the NYSDEC/NYSDOH in March 2024.

Upcoming Work Schedule:

Scope of Work	Approximate Start Date
Completion of RI Field Work	January 2024
Prepare RIR/RAWP	January – March 2024
Submit RIR/RAWP to NYSDEC/NYSDOH	March 2024
NYSDEC/NYSDOH review of RIR/RAWP	April – May 2024
NYSDEC prepares preliminary Decision Document, issues Significant Threat Determination, and issues Fact Sheet	May 2024
Public comment period on RAWP	June – July 2024
Address comments and issue certified RAWP, NYSDEC approves RAWP, and issues Fact Sheet announcing start of construction	August 2024