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Air Quality Study

January 20, 2023

Neelytown Business Park

Tax Parcel IDs: 36-1-33, 36-1-11.221, 36-1-11.23, 36-1-11.212, 36-1-11.211, 36-1-11.1, 36-1-10.1, 33-1-91
Town of Montgomery, Orange County NY

Prepared for:

RDM Group, LLC
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Project No. 21000327A

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ATTACHMENTS

Air Quality Data and Reports

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Existing Conditions

a. Project Site & Immediate Vicinity

The Proposed Action involves the development of three (3) warehouse facilities on eight (8) parcels (36-1-33, 36-1-11.221, 36-1-11.23, 36-1-11.212, 36-1-11.211, 36-1-11.1, 36-1-10.1, 33-1-91) in the Town of Montgomery, Orange County, New York. The Project Site is bounded by Neelytown Road to the south and east, Beaver Dam Road to the west, and an existing FedEx warehouse to the north; and encompasses approximately 111.47 acres of undeveloped land (former farm fields and wooded vegetation). Four (4) tax map parcels (36-1-10.1, 36-1-11.1, 36-1-11.23 and 36-1-11.212) are developed with single-family dwellings that would be removed as part of the Project Site. The Project Site is located in the Town's General Industry ("I-1") zoning district and is in the vicinity of other manufacturing/industrial facilities.

b. Emission Sources

Regulated Air Facilities near the Project Site

Review of the New York State Department of Environmental (NYSDEC) regulated facility databases indicated there are six (6) stationary emission sources within one (1) mile of the Project Site. It is noted that these facilities are not currently considered major sources of emissions (Title V). A summary and a figure of the listed sources are provided below:

- Air State Facility: Montgomery Wallboard Processing Plant/TKM Materials (NYSDEC #3-3342-00238). Located 0.1 miles south of the Project Site. The NYSDEC permit indicates that the facility is a gypsum recycling facility which consists of moving gypsum board material through a hammermill, a series of sorting conveyors, a two-stage trommel screen, magnetic ferrous material separators, and screw augers for loading of finished product into hoppers and transport vehicles. A baghouse will control emissions from the process dust collection system. Air dispersion modeling was requested from the NYSDEC. The NYSDEC responded on February 6, 2023, indicating that records for the facility were identified. The records provided referred to a Title V permit application, dated January 13, 2023. This facility is connected to the Taylor Biomass Gasification Facility (below). The records are provided as an attachment.

- Air State Facility: Taylor Biomass Gasification Facility (NYSDEC #3-3342-00105/~~00009~~00012). Located 0.1 miles south of the Project Site. The NYSDEC permit indicates that the biomass facility receives up to 450 tons per day (tpd) of Construction & Demolition (C&D) debris, up to 100 tpd of unadultered wood waste, and up to 500 tpd of municipal solid waste (MSW). The material is transported to biomass storage silos and then to a gasifier (conversion of material into a gaseous fuel). Air dispersion modeling was requested from the NYSDEC. As of the issuance date of this report, FOIL documentation has not been received back from the NYSDEC. If Colliers Engineering & Design receives relevant documents from the NYSDEC that reveals new and pertinent findings relative to the Project Site, a Letter of Addendum to this report will be submitted detailing the new

findings. The NYSDEC responded on February 6, 2023, indicating that records for the facility were identified. The records provided referred to a Title V permit application, dated January 13, 2023. The records are provided as an attachment. The Title V permit will allow Taylor Biomass Gasification Facility to convert over 1,000 tons of organic waste into 300 tons of processed biomass per day and to produce about 20 Megawatts (MW) of power annually to the electric grid via existing substations.

- Air State Facility: Carlisle Construction Materials (NYSDEC #3-3334-00106/00001). Located 0.7 miles southwest of the Project Site. The NYSDEC permit indicates that the facility is a rigid foam manufacturing facility that produces polyisocyanurate foam panels for use in commercial and industrial roofing applications. The polyisocyanurate foam insulating panels are produced by reacting polyol in a blend of fire retardant and catalyst with polymeric diphenylmethane diisocyanate (PMDI). Pentane material is used as an expanding or blowing agent. Panels are formed by combining the materials at a pour table and lamination process (front end). Pentane emissions (Volatile Organic Compounds (VOC)) are collected during the pour and lamination process and controlled by a regenerative thermal oxidizer. Manufactured insulation panels are cut and trimmed to meet dimensional requirements for industry and customer specification. A dust collection system captures particulates generated during sawing and trimming operations (back end) which are controlled by a baghouse filter unit. The insulating foam process is subject to 6NYCRR Part 212 - General Process requirements. VOC emissions are limited below major stationary source thresholds supported by the proper operation of the regenerative thermal oxidizer. Performance testing of the regenerative thermal oxidizer is required to determine operating parameters. Air dispersion modeling requested from the NYSDEC. The NYSDEC replied on February 9, ~~2023~~2023, indicating that a diligent search of the files maintained by the NYSDEC produced no responsive records.

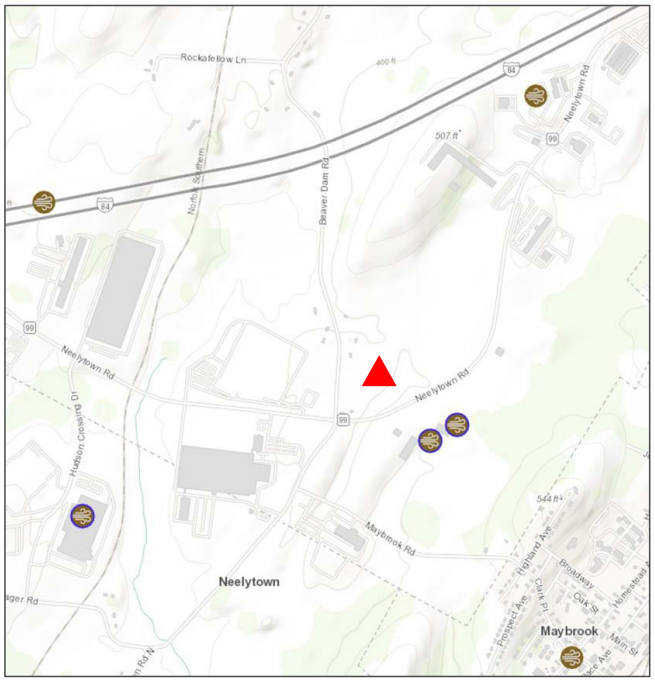
- Air Facility Registration: Medline (NYSDEC #3-3342-00415). Located 0.8 miles northwest of the Project Site. The NYSDEC permit indicates that the facility is a crushing and screening operation with a total of two (2) emission points.

- Air Facility Registration: Maybrook Travel Center (NYSDEC #3-3342-00048). Located 0.5 miles northeast of the Project Site. The NYSDEC permit indicates there is a soil vapor extraction system for diesel fuel and one (1) emission point.

- Montgomery Overall Service (NYSDEC #3-3342-00203). Located 0.~~7~~ 8 mile southeast of the Project Site. The NYSDEC permit indicates the facility is a perchloroethylene (tetrachloroethene) dry cleaning uniform rental business with one (1) emission point.

Listed Air State Facilities and Air Facility Registrations

DECinfo Locator (ny.gov)



c. EPA Air Quality Data

The National Clean Air Act (CAA), as amended in 1990, requires the Environmental Protection Agency (EPA) to establish National Ambient Air Quality Standards (NAAQS) for six major pollutants of concern: CO, NO_2, ozone, Particulate Matter (PM 2.5 and PM 10), SO_2, and lead. The CAA defines non-attainment ~~(NAA)~~ areas (NAA) as geographic regions that do not meet one of more of the NAAQS. When an area is designated as NAA, states are required to develop and implement a State Implementation Plant (SIP) which documents the plan to achieve compliance with NAAQS. Areas that formerly violated NAAQS but currently meet federal standards are designated as maintenance areas.

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Orange County, New York is not currently listed as a Nonattainment County for all criteria pollutants as of December 31, 2022. Current Nonattainment Counties for All Criteria Pollutants | Green Book | US EPA. However, Orange County is part of the NY-NJ-CT air quality maintenance area for fine particulate matter (PM 2.5) and is also part of the Poughkeepsie, NY 1997 ozone "orphan" nonattainment area comprised of Dutchess, Orange, and Putnam counties. This area

was designated ~~in~~ as nonattainment under the 1997 NAAQS criteria, but the EPA has since established two (2) more stringent NAAQS ozone standards in 2008 and 2015 that Orange County now meets. Court rulings under the South Coast II decision established that EPA could not waive the 1997 NAAQS maintenance plan requirements and is still subject to requirements under the 1997 standards. Below are the National Ambient Air Quality Standards.

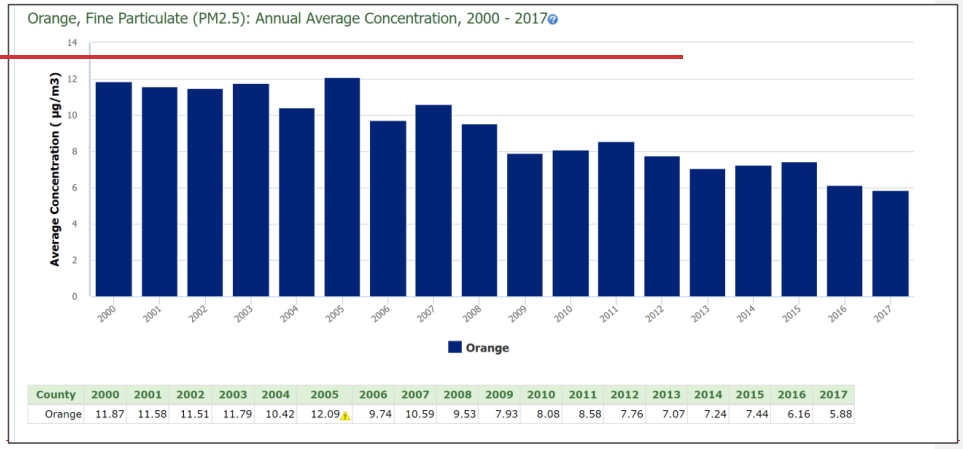
Pollutant [links to historical tables of NAAQS reviews]		Primary/ Secondary	Averaging Time	Level	Form
Carbon Monoxide (CO)		primary	8 hours	9 ppm	Not to be exceeded more than once per year
			1 hour	35 ppm	
Lead (Pb)		primary and secondary	Rolling 3 month average	0.15 µg/m^3 [1]	Not to be exceeded
Nitrogen Dioxide (NO_2)		primary	1 hour	100 ppb	98th percentile of 1-hour daily maximum concentrations, averaged over 3 years
		primary and secondary	1 year	53 ppb [2]	Annual Mean
Ozone (O_3)		primary and secondary	8 hours	0.070 ppm [3]	Annual fourth-highest daily maximum 8-hour concentration, averaged over 3 years
Particle Pollution (PM)	$PM_{2.5}$	primary	1 year	9.0 µg/m^3	annual mean, averaged over 3 years
		secondary	1 year	15.0 µg/m^3	annual mean, averaged over 3 years
		primary and secondary	24 hours	35 µg/m^3	98th percentile, averaged over 3 years
	PM_{10}	primary and secondary	24 hours	150 µg/m^3	Not to be exceeded more than once per year on average over 3 years
Sulfur Dioxide (SO_2)		primary	1 hour	75 ppb [4]	99th percentile of 1-hour daily maximum concentrations, averaged over 3 years
		secondary	1 year	10 ppb	annual mean, averaged over 3 years

d. New York State Department of Environmental Conservation (NYSDEC) Air Quality Data

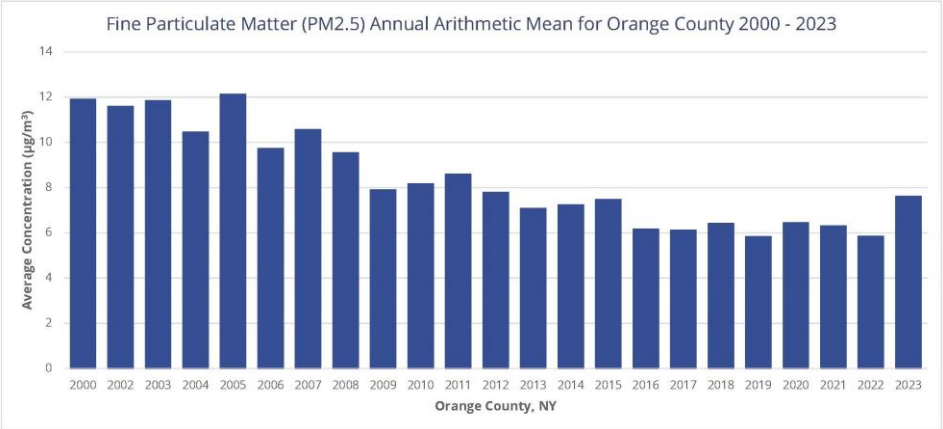
The NYSDEC measures air quality at 50 sites within NYS and includes the following parameters: Criteria Air Pollutants (ozone, sulfur dioxide, oxides of nitrogen, and carbon monoxide), PM2.5 and PM10, black carbon, and ultrafine particle (UFP) count. The nearest air quality monitoring station (Valley Central station) to the Project Site is located approximately 1.5 miles north. No data was available. Data from another station in Orange County was reviewed (Newburgh) and indicated the levels were below state and federal standards.

Review of the ~~Environmental Public Health Tracking database~~EPA's Site and Monitor Annual Summary Data ~~for Orange County~~ indicates the three-year annual average concentration of fine particulate matter (PM2.5) for Orange County is ~~5.88~~6.57 micrograms/cubic meter (µg/m^3) as of ~~2017~~2023. ~~5.88~~6.5~~7~~9 µg/m^3 is below the National Ambient Air Quality Standard (NAAQS) standard (~~12~~ 9 µg/m^3 annual mean, averaged over 3 years) for PM2.5. Refer to below image.

On-site air sampling for PM2.5 and PM10 ~~is planned for Spring~~was performed in August 2023 and data will be submitted ~~upon review~~separately.



County	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Orange	11.87	11.58	11.51	11.79	10.42	12.09	9.74	10.59	9.53	7.93	8.08	8.58	7.76	7.07	7.24	7.44	6.16	5.88



County	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Orange	11.90	11.59	11.59	11.84	10.45	12.12	9.73	10.56	9.54	7.90	8.15	8.59	7.77	7.08	7.23	7.47	6.16	6.12	6.40	5.83	6.45	6.30	5.85	7.61

Future Conditions without Proposed Action

Without the Proposed Action, the Project Site would remain almost entirely vacant with minimal activity occurring. Air quality conditions on and adjacent to the Project Site are expected to remain similar to current conditions. Development surrounding the Project Site at Taylor Biomass Gasification Facility may impact background air quality levels.

Potential Impacts

Short-term and long-term emission sources were evaluated during this study.

Short Term

Short term and localized impacts ~~occurring during construction~~ to air quality occurring during construction may result from fugitive dust and construction equipment exhaust. Locations downwind of construction activities may be temporarily impacted. Prevailing wind direction is generally to the northwest in the vicinity of the project. Short term impacts may be mitigated through engineering controls and if warranted, a Community Air Monitoring Plan (CAMP). Preventative measures to limit the amount of material deposited on road surfaces~~, and~~ may include covering loads in trucks and paving access ~~areas~~routes to unpaved construction ~~sites~~areas. Dust ~~M~~mitigation measures may include dust suppression, such as applying water to unvegetated areas and access roads and securely covering staged soil with polyethylene sheeting. Mitigation measures may also ~~consist~~include dust removal ~~in the form~~by means of street sweeping, vacuuming, or water flushing. All soil erosion and sediment control measures will be implemented throughout the duration of construction. Work may also be paused during windy/adverse weather conditions when visible dust is observed leaving the project area. Asbestos abatement will be completed in accordance with all applicable federal, state, and local regulations and will not adversely affect surrounding communities or workers.

Construction vehicles are required to comply with 6 NYCRR Subpart 217.3 which prohibits heavy vehicles (including both diesel and non-diesel) from idling for more than five (5) minutes.

It is noted that no sensitive receptors (i.e., hospitals, schools, daycare facilities, elderly housing) were identified within ½ mile of the Project Site.

Emergency generators are exempt from air permitting in NYS but are required to meet EPA emission standards and are limited to 500 hours per year of operation. It is anticipated that the generators will only run during emergencies and maintenance testing.

Long Term

An assessment of the potential air quality effects of CO emissions on a microscale level that would result from additional vehicles, including trucks, entering and exiting the proposed project site, was performed following the procedures outlined in the New York State Department of Transportation (NYSDOT) Environmental Procedures Manual (EPM), revised March 2020.

The EPM lists three screening criteria to first determine whether the action would increase traffic volumes or idling and if any other roadway changes (e.g.e.g., changes in speed, roadway width, sidewalk locations, etc.) could potentially increase in air pollutant concentrations. 12 intersections, including five (5) new unsignalized driveways, were determined to be potentially affected by the project and were analyzed for changes in traffic. The screening procedure described below utilized data from the traffic analysis for the Estimated Time of Completion (ETC) 2027 and ETC +10 2037 analysis years. Results of the initial 3 three step screening are discussed below:

Level of Service Screening (Step 1):

According to the EPM, intersections with a LOS of A, B, or C are generally excluded from a CO microscale analysis unless there are potentially sensitive receptors within the area.

Results from the traffic modeling study indicate 10 out of 12 intersections within the project will experience a LOS of C or better for ETC and ETC +10 for the preferred alternative for the worst-case, AM, scenario LOS (AM Peak). LOS ratings for two (2) of the intersections, *NYS Route 208 & I-84 WB on/off Ramps* and *NYS Route 208 & I-84 EB on/off Ramps/Neelytown Road* (Exhibit 1) falls below an LOS of C indicating further screening of these two intersections is required to determine if a CO microscale analysis is required.

Exhibit 1
AM Level of Service (LOS)

Intersection #	Intersection Name	2022 Existing	2027 No Build	ETC (2027) Build	ETC +10 (2037) Build
1	NYS Route 208 & I-84 WB on/off Ramps (signalized)	**C**	**E**	**F**	**F**
2	NYS Route 208 & I-84 EB on/off Ramps/Neelytown Road (signalized)	**D**	**D**	**D**	**E**
3	Neelytown Road & Beaver Dam RoadRoad/Neelytown Road (signalized)	B	B	B	B
4	Neelytown Road & NYS Route 416 (signalized)	A	A	B	B
5	NYS Route 211 & NYS Route 416 (unsignalized)	B	C	A	A
6	Goodwill Road & Beaver Dam Road (unsignalized)	A	A	A	A
7	Chandler Lane & Beaver Dam Road (unsignalized)	A	A	A	A
8	Neelytown Road & Site Driveway 1 (unsignalized)	-	-	C	A
9	Neelytown Road & Site Driveway 2 (unsignalized)	-	-	C	C
10	Neelytown Road & Site Driveway 3 (unsignalized)	-	-	A	C
11	Beaver Dam Road & Site Driveway 4 (unsignalized)	-	-	A	A
12	Beaver Dam Road & Site Driveway 5 (unsignalized)	-	-	A	A

Capture Criteria (Step 2):

The two (2) intersections impacted by the project, exhibiting ETC and ETC +10 with an LOS rating of D, E, or F have been screened by the criteria below:

1) A 10% or more reduction in the source receptor distance.

No source receptors (i.e., hospitals, schools, daycare facilities, elderly housing) were identified within ½ mile of the Project Site. The project will also not reconfigure these intersections.

2) A 10% or more increase in traffic volume on affected roadways

~~Both i~~Intersection 1~~s are~~ is anticipated to be under the 10% threshold for an increase in traffic volume.

Exhibit 2
Traffic Volume

Intersection #	Intersection Name	ETC (2027) Build Traffic Increase (AM) %	ETC +10 (2037) Build Traffic Increase (AM) %
1	NYS Route 208 & I-84 WB on/off Ramps (signalized)	~~1.077~~%	~~1.066~~%
2	NYS Route 208 & I-84 EB on/off Ramps/Neelytown Road (signalized)	~~1.12~~12%	~~1.12~~12%

3) A 10% or more increase in vehicle emissions

NYSDOT has not updated required tables and this ~~criteria~~ criterion cannot be evaluated without modeling at this time. It is assumed the project meets this criteri~~a~~on.

4) Any increase in the number of queued lanes

The project will not reconfigure these intersections or add lanes.

5) A 20% reduction in speed, when build estimated average speed is at 30 mph or less.

This ~~criteria~~ criterion is met for this project.

Volume Threshold Screening (Step 3):

Intersection 2 (NYS Route 208 & I-84 EB on/off Ramps/Neelytown Road) exceeded the 10% or more increase in traffic volume during the build condition for ETC and ETC +10.

Volume Threshold Screening is required for Intersection 2 to determine if a microscale air quality analysis is required. Free Flow and Queue Emission Factors (EF) were calculated for the intersection with EPA's Motor Vehicle Emission Simulator (MOVES4) software. Information including traffic speed, worst case (ETC+10 PM peak) hourly ~~(worst case)~~ vehicle volumes, vehicle mix, meteorology, signal cycles, and link length were used to determine the EF. The calculated Free Flow EF, Queue EF, Peak Hour Traffic Volume Thresholds, and the peak vehicle volume ~~at ETC~~ are presented in Exhibit 3:

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Exhibit 3 Volume Threshold Screening					
Intersection Name	**Intersection Type**	**Queue Emission Factor (g/hr)**	**Free Flow Emission Factor (g/mi)**	**Peak Hour Traffic Volume Threshold**	**Peak Vehicle Link Volume at ETC +10 (2037)**
NYS Route 208 & I-84 EB on/off Ramps/ Neelytown Road~~*~~	Signalized	1.23	4.47	4,000	1,030

The peak vehicle link volume at ETC +10 (2037) for ~~the i~~Intersection 2 ~~of~~ (NYS Route 208 & I-84 EB on/off Ramps/ Neelytown Road) was 1,030, and the calculated Peak Hour Volume Threshold was 4,000. Therefore, this intersection does not exceed the ~~applicable~~volume screening threshold, and no microscale air quality analysis is necessary.

Conclusion

~~Conclusion:~~

Based on available traffic and NYSDOT data, the project should meet the thresholds established in the NYSDOT EPM Air Quality manual and no further analysis for CO is required.

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Particulate Matter Microscale Analysis

Although this project is not a federally supported highway or transit project that is subject to a conformity determination under Section 93.123(b)(1) of 40 CFR 51.390, the "Transportation Conformity Guidance for Quantitative Hot-spot Analyses in PM2.5 and PM10 Nonattainment and Maintenance Areas" published by EPA was used to determine if this project would be considered a transportation project of local air quality concern that would require a quantitative analysis. It was determined the two intersections with a LOS of D, E, or F did not meet the criteria that would warrant modeling of PM. The majority of site-generated additional traffic will be gasoline or electric fueled passenger vehicles, therefore ~~T~~the LOS levels ~~were~~ are not the result of increased traffic volumes from a significant number of diesel vehicles. Although the project will increase the number of diesel vehicles by approximately 14 to 48 trucks during peak hours, the increase in diesel vehicles is minor compared to the no build condition (4% to 14%).~~in traffic was minor compared to the no build condition and (Exhibit 2).~~ Additionally, as discussed in the Traffic Impact Study, the proposed development is not expected to significantly impact the area roadways or its traffic operation.

Exhibit 43
Diesel Vehicle Volume

Intersection #	Intersection Name	Design Year	AM/PM Peak Hour	No Build Truck Volume	Build Truck Volume	Truck Volume Increase	Percent Volume Increase
1	NYS Route 208 & I-84 WB on/off Ramps (signalized)	ETC (2027)	AM	301	315	14	5%
			PM	254	278	24	9%
		ETC+10 (2037)	AM	323	337	14	4%
			PM	273	297	24	9%
2	NYS Route 208 & I-84 EB on/off Ramps/Neelytown Road (signalized)	ETC (2027)	AM	447	475	28	6%
			PM	342	390	48	14%
		ETC+10 (2037)	AM	482	510	28	6%
			PM	368	416	48	13%

Conclusion

The Project Site is not anticipated to adversely impact background air quality conditions based on the lack of long-term emissions originating from site operations and review of traffic data. The Project Site is already situated in an industrial area with no sensitive receptors immediately nearby. Based on surrounding facility information (classification as a non-major facilities), it is unlikely that air pollution (above background levels) and associated odors will occur and affect the Project Site.

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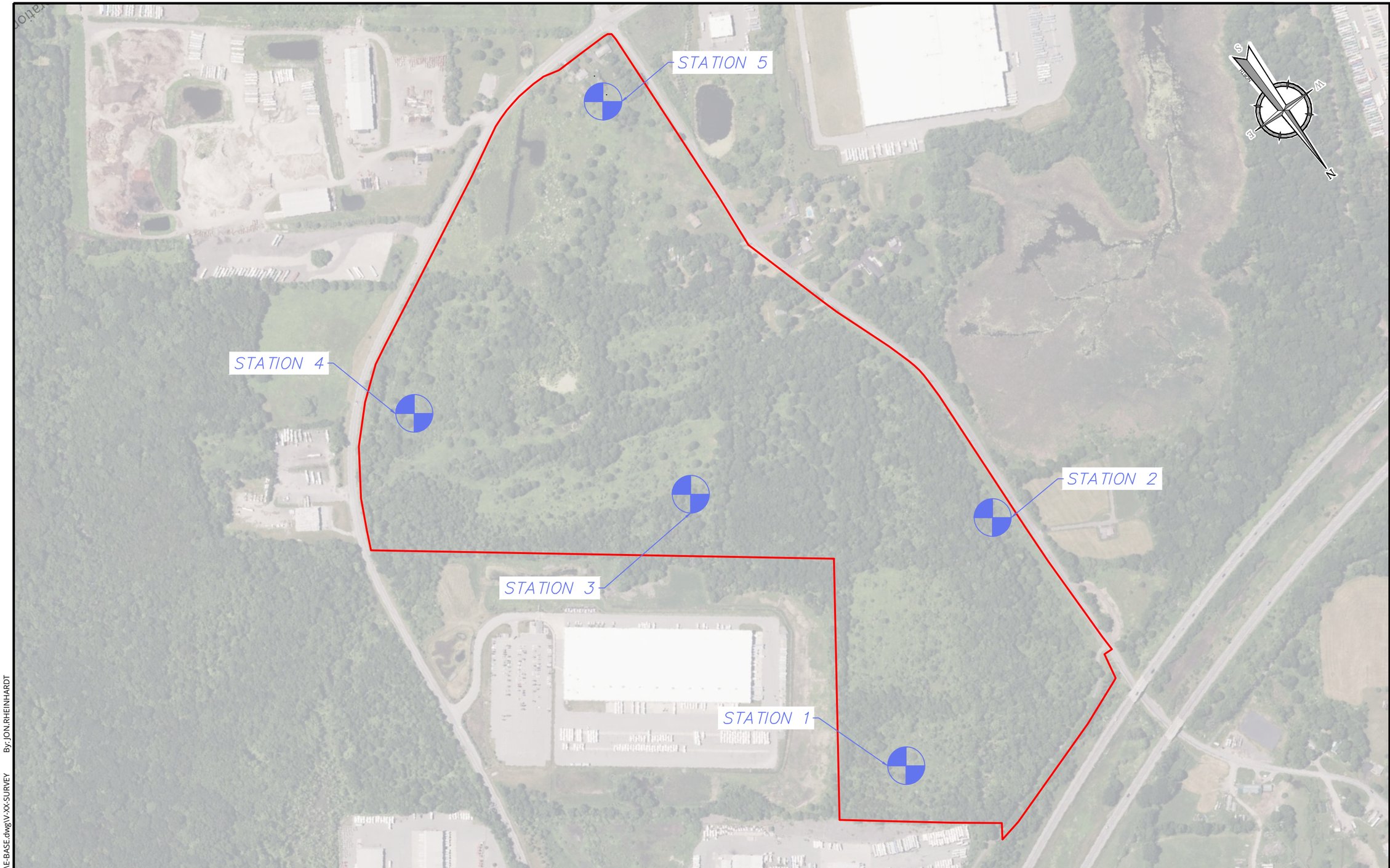

LEGEND

AREA EXTENT (APPROX.)

BASE MAP SOURCE: (C) 2023 MICROSOFT CORPORATION (C) 2023 MAXAR (C) CNES (2023) DISTRIBUTION AIRBUS DS

400 0 400

SCALE : 1" = 400'

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BASELINE AIR QUALITY TESTING
FOR
NEELYTOWN ROAD
36-1-33, 36-1-11.221, 36-1-11.23, 36-1-11.212, 36-1-11.211, 36-1-11.1, 36-1-10.1, 33-1-91
TOWN OF MONTGOMERY, ORANGE COUNTY, NEW YORK

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COLLIERS ENGINEERING & DESIGN, INC. DOING BUSINESS AS MASER CONSULTING

SCALE:	DATE:	DRAWN BY:	CHECKED BY:
AS SHOWN	10/16/2023	JSR	DJK

PROJECT NUMBER: 21000327A
DRAWING NAME: E-BASE
SHEET TITLE: MONITORING STATION LOCATION MAP
FIELD BOOK: XX
PAGE:XX
SHEET NUMBER: FIGURE 1

2021\21000327A\Environmental\E-BASE.dwg\V-XX-SURVEY By: JON.RHEINHARDT

PARTNER

PRE-DEMOLITION ASBESTOS SURVEY REPORT

NEELYTOWN BEAVER DAM MONTGOMERY
459, 475, 483, 497 Beaver Dam Road and
355 Neelytown
Montgomery, NY 12549

July 25, 2022
Partner Project No. 22-374308.2

Prepared for

RDM GROUP
1 International Boulevard, Suite 410
Mahwah, NJ 07430

Engineers who understand your business

July 25, 2022

Mr. Isaac Neuman
RDM Group
1 International Boulevard, Suite 410
Mahwah, NJ 07430

Subject: Pre-Demolition Asbestos Survey Report
Neelytown Beaver Dam Montgomery
459, 475, 483, 497 Beaver Dam Road and 355 Neelytown Road
Montgomery, NY 12549
Partner Project No. 22-374308.2

Dear Mr. Neuman:

Partner Assessment Corporation (Partner) is pleased to provide the Pre-Demolition Asbestos Survey Report of the abovementioned addresses (the "subject properties"). This survey included a site reconnaissance to locate, identify, assess, and quantify suspect asbestos containing materials (ACMs).

The purpose of this survey is to investigate the condition of accessible suspect ACMs in the buildings that will be impacted by scheduled demolitions. Partner has not been provided with building plans. This survey included a site reconnaissance, material sampling, and laboratory analysis. This assessment was performed utilizing methods and procedures consistent with good commercial or customary practices designed to conform to acceptable industry standards. The independent conclusions presented herein are based upon existing conditions and the information and data available to us during the course of this assignment.

We appreciate the opportunity to provide environmental services to RDM Group. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at 716-572-1408.

Sincerely,

AJ Nosek
Principal
National Client Manager

TABLE OF CONTENTS

APPENDICES

EXCUTIVE SUMMARY

Partner is pleased to present this report for this Asbestos Containing Material (ACM) inspection of the Neelytown Beaver Dam Montgomery Portfolio located at the following five private residences Montgomery, NY 12549:

1. 459 Beaver Dam Road - 1,071 SF, Built1930
2. 475 Beaver Dam Road - 1,368 SF, Built 1972
3. 483 Beaver Dam Road - 1,112 SF, Built 1977
4. 355 Neelytown Road - 960 SF, Built 1978
5. 497 Beaver Dam Road - 2,348 SF, Built 1977

The survey was conducted for to determine the presence / absence of ACMs in these residences prior to demolition of each structure to facilitate property redevelopment.

Some building materials sampled during Partner's inspection that tested positive for asbestos or are being assumed as ACM are listed below. The other sampled materials did not contain asbestos. Refer to Table 2 within Appendix A for the list of suspect ACM and inspection results.

459 Beaver Dam Road

- Exterior Transite Shingles – Approximately 750 SF

475 Beaver Dam Road

- Chimney Flashing Tar – Approximately 2 SF
- Vent Flashing Tar - Approximately 2 SF
- Joint Compound and Associated Wallboard* - Approximately 5,000 SF
- Kitchen Linoleum (Bottom Layer) and Associated Top Layer of Linoleum* - Approximately 75 SF

355 Neely Town Road

- Kitchen Linoleum - Approximately 50 SF
- Bathroom Linoleum - Approximately 20 SF

See Section 4.0 for Recommendations for handling the identified and assumed ACMs.

Partner did not suspect that the following typical building materials are asbestos containing; therefore, the materials were not sampled:

- Fiberglass Pipe Insulation
- Silicon Caulking or Putty
- Rubber Products
- Wood Shingles
- Decorative Stone

The Client must assume any materials found during the demolitions and not identified in this report as Asbestos Containing until testing determines otherwise.

1.0 INTRODUCTION

1.1 Subject Property Description

Address:	1. 459 Beaver Dam Road - 1,071 SF, Built1930 2. 475 Beaver Dam Road - 1,368 SF, Built 1972 3. 483 Beaver Dam Road - 1,112 SF, Built 1977 4. 355 Neelytown Road - 960 SF, Built 1978 5. 497 Beaver Dam Road - 2,348 SF, Built 1977
Nature of Use:	Residential
Surveyed By / Licensed Number:	Joseph Rizzo, NYS DOL Asbestos Inspector Certification Number 06-14089, expiration date: 11/2022 Nicolas Schiera, Training Visit
Assessment Date/Time:	June 30th, 2022 July 14, 2022

1.2 Purpose and Scope

The survey was conducted for the Subject Property due to the planned demolition of all structures in the portfolio for proposed property redevelopment. USEPA regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), prohibits the release of asbestos fibers and other hazardous air pollutants to the atmosphere during renovation or demolition activities. Asbestos NESHAP requires the identification, classification, and quantification of potentially regulated asbestos-containing materials prior to planned disturbances or demolition activities.

Additional services such as the interview of property management and maintenance personnel, tenants, review of prior reports, regulatory records, evaluation of compliance, risk assessment, and the development of abatement specifications are excluded from the scope of services, along with all other activities not expressly identified herein.

Partner and its subcontractor, and their employees/representatives bear no responsibility for the actual condition of the structure or safety of this site pertaining to asbestos and/or asbestos contamination regardless of the actions taken by the survey team or the client.

2.0 METHODOLOGY

Provided below is a summary of the methodologies used during the Pre-Demolition Survey performed at the Subject Property.

2.1 Visual Evaluation

Building materials were observed to identify, classify, and evaluate the condition of homogenous areas of suspect ACM.

1. 459 Beaver Dam Road
    a. The exterior finishes are a mix of decorative stone, ACM transite shingles, and vinyl siding over wood. The interior flooring is bare concrete, covered with carpeting in some areas. There is limited vinyl flooring in the basement laundry room. Interior walls and ceilings are composed of gypsum wallboard finished with joint compound. The attic in insulated with loose blown-in insulation. Roofing consists of shingles.
2. 475 Beaver Dam Road
    a. The exterior finish is comprised of brick and mortar. The inter flooring is composed of wood floors in the majority of the building, with linoleum present in the bathroom and kitchen. Interior walls and ceilings are composed of gypsum wallboard finished with joint compound on the walls and a textured material on the ceilings. The attic in insulated with fiberglass insulation. Roofing is comprised of shingles, with ACM tar/flashing at the chimney and vent stack.
3. 483 Beaver Dam Road
    a. The exterior finish is comprised of vinyl siding over wood. The inter flooring is composed of wood floors in the majority of the building, with ceramic floor tile in the bathroom, kitchen, and laundry room. Interior walls and ceilings are composed of gypsum wallboard finished with joint compound. Roofing is comprised of shingles.
4. 355 Neelytown Road - 960 SF, Built 1978
    a. The exterior finish is comprised of wood shingles siding over concrete. The inter flooring is composed of wood floors in the majority of the 1st floor, with ACM linoleum flooring in the kitchen and bathroom, and non-ACM linoleum in the basement. Interior walls and ceilings are composed of gypsum wallboard finished with joint compound. Roofing is comprised of shingles. The basement restroom has ceramic floor tile, while the basement foyer has stone flooring. There are sever sheds in the backyard composed of wood with roofing shingles.
5. 497 Beaver Dam Road –
    a. The exterior finishes are a mix of vinyl siding and brick and mortar. The interior flooring is carpet over wood flooring, with ceramic floor tile in the kitchen and bathroom. The basement floor is composed of 12" vinyl flooring. Interior walls and ceilings are composed of gypsum wallboard finished with joint compound. The attic in insulated with fiberglass insulation.

A summary of the homogeneous areas identified during the survey and the condition of the materials comprising these areas is provided in **Table 2** within **Appendix A**.

2.2 Classification

ACM is typically classified as surfacing, thermal systems insulation, or miscellaneous.

Surfacing - Material that is sprayed troweled-on or otherwise applied to surfaces. Examples include acoustical plaster on ceilings, fireproofing on structural members, or similar applications for acoustical, fireproofing, and other purposes.

Thermal Systems Insulation – Materials applied to pipes, fittings, boilers, breeching, tanks, ducts, or other structural components to prevent heat loss or gain.

Miscellaneous – All other ACMs including flooring, mastics, caulking, etc.

2.3 Evaluation of Condition

An assessment of the condition of ACM can be useful in deciding how to manage materials. The ACM most likely to release asbestos fibers are those which are in a friable state. The definition of friable is any material, when dry, that is capable of being crumbled, pulverized, or reduced to powder by hand pressure (40 CFR 763). Non-friable sources of asbestos are materials containing cement or asphaltic binder that may become friable and release fibers if the sources are exposed to actions such as abrasion, drilling, cutting, fracturing, or hammering. Non-friable sources of asbestos do not typically pose a significant exposure risk if they remain in good condition and are not disturbed. During renovation activities or when subject to abrasive action, non-friable sources may become friable and thus may pose an exposure risk.

EPA protocols were used in the evaluation of the condition of observed materials.

- Good condition = 1% or less damage for both distributed and localized damage.
- Damaged = >1% to 10% damage if distributed or >1% to 25% damage if localized.
- Significantly Damaged= >10% damage if distributed or >25% damage if localized.

Table 1 provides a summary of the condition of the identified ACMs and assumed ACMs materials. It should be noted that the condition of materials was based upon observations at the time of the assessment and is independent of the friable or non-friable nature of the materials.

2.4 Homogenous Areas

The US EPA defines a homogeneous area (HA) as "*an area of surfacing material, thermal system insulation material, or miscellaneous material that is uniform in color and texture*" (40 CFR 763). If asbestos is identified in any samples from a homogeneous area, the entire homogeneous area is considered to contain asbestos.

3.0 SAMPLING AND LABORATORY ANALYSIS

During this survey, one hundred and one (101) samples of suspect ACMs were collected on June 30th and July 14th, 2022, for laboratory analysis. Selected materials were analyzed using the Polarized Light Microscopy (PLM) method in accordance with the NYS ELAP Methods 198.1 / 198.6 for Determination of Asbestos in Bulk Building Materials. Federal and State of New York regulations define ACM as any material containing more than one percent (1%) asbestos as determined using PLM and or TEM (40 CFR 61 / NYS Industrial Code Rule 56 "ICR 56"). Materials containing "trace" amounts of asbestos are reported by the laboratory as <1%.

Non-friable Organically Bound (NOB) materials that were found to be non-asbestos-containing via PLM analysis were subject to further analysis by Transmission Electron Microscopy (TEM) in accordance with the United States National Institute of Standards and Technology (NIST) Bulk Asbestos Handbook and ICR 56. A total of forty-nine (49) bulk samples of suspect asbestos containing materials were analyzed via TEM methodologies.

4.0 ANALYTICAL RESULTS

Asbestos was detected in the several sampled materials. **Table 1** lists the ACMs identified by PLM and TEM analysis, including the condition and approximate quantity of each material. The analytical results for all suspect materials sampled are listed in **Table 2** in **Appendix A**. The laboratory results and chain of custody are contained in **Appendix B**. Bulk Sample and ACM locations are depicted on the diagram contained in **Appendix C**.

Documentation of the laboratory results should be retained as a reference for any future disturbance to the suspect ACMs identified within this report.

Table 1: Identified Asbestos Containing Materials					
HA	**Locations**	**Description**	**Condition**	**Asbestos Content**	**Approx. Quantity**
10	459 Beaver Dam Road – Exterior	Transite Shingles	Good	10.0% Chrysotile	750 SF
13	475 Beaver Dam Road – Roof	Chimney Flashing	Good	1.2% Chrysotile	2 SF
15	475 Beaver Dam Road – Roof	Vent Flashing	Good	2.1% Chrysotile	2SF
29/30	475 Beaver Dam Road – Interior	Joint Compound and Associated Wallboard*	Good	3.3% Chrysotile	5,000 SF
32/33	475 Beaver Dam Road – Interior	Linoleum (Bottom Layer) and Associated Top Layers*	Good	1.3% Chrysotile	75 SF
35	355 Neelytown Road – Kitchen	Linoleum – Single Layer	Good	4.3% Chrysotile	50 SF
42	355 Neelytown Road – Bathroom	Linoleum – Single Layer	Good	18.0% Chrysotile	20 SF

Notes: * - Indicates materials are inseparable and must be abated together

Based on analytical results, <1% asbestos was identified in the following materials.

- 459 Beaver Dam Road – Exterior Window Caulking
- 475 Beaver Dam Road – Textured Ceiling Material
- 475 Beaver Dam Road – Linoleum Mastic

Please note that OSHA worker protection regulation 29 CFR 1910.1001 applies to any work which disturbs any amount of asbestos including trace amounts.

The following building materials were observed and considered not suspect of asbestos:

- Fiberglass Pipe Insulation
- Silicon Caulking or Putty
- Rubber Products
- Wood Shingles
- Decorative Stone

Every attempt was made to access all suspect ACMs. If during demolition activities a suspect material is discovered not listed in this report sample or treat as ACM.

6.0 CONCLUSION AND RECOMENDATIONS

6.1 Conclusions

Based on the conditions set forth in this report, the following sampled ACMs were confirmed:

1) **475 Beaver Dam Road - Joint Compound:** The associated gypsum board is also considered an ACM because it cannot be reasonably separated from the joint compound. This material was observed throughout the residence; therefore, all of the walls and ceilings must be considered ACM. This material is not considered to be friable when in good, in-tact, condition. The joint compound is encapsulated by layers of paint. This material must be abated prior to demolition.

2) **475 Beaver Dam Road, 355 Neelytown Road - Floor Tile, Chimney and Vent Flashing at Roof:** These non-friable materials at the subject properties were noted to be in good condition, and/or encapsulated by additional flooring. These materials must be abated prior to demolition.

3) **459 Beaver Dam Road – Transite Shingles:** This non-friable material at the subject property was noted to be in good condition. This material must be abated prior to demolition.

Federal, New York State and local laws require building owners and/or their representatives, prior to any demolition and/or renovation operations which may disturb any asbestos-containing materials in their buildings, meet the following requirements:

- Notifications,
- Removal techniques (such as wetting) for asbestos-containing materials,
- Clean-up procedures,
- Waste storage and disposal requirements.

Actions taken in regard to the ACM should be in compliance with any applicable federal, state, and local regulations or codes that may apply to handling, disposal, and contracting. Presently, general renovation and disposal operations at both publicly and privately owned and operated facilities are regulated by the federal USEPA's National Emission Standard for Hazardous Air Pollutants (NESHAP) Asbestos Standard (40 CFR 61, Subpart M). Private contractors who may be retained by a private building owner and the building owner itself, are under jurisdiction of the Occupational Safety and Health Administration (OSHA) asbestos regulations (29 CFR 1910.1001 and 29 CFR 1926.110 for the general and construction industries, respectively), which regulates workplace disturbance of building materials with any concentration of asbestiform components including those that contain<1% asbestos as determined by a validated sampling and analytical method.

If any suspect ACMs not characterized in this report are encountered during renovation/demolition activities, which may disturb those materials, all work that could potentially disturb the material(s) must stop. The uncharacterized suspect ACM must be assumed to be ACM and handled accordingly pending the completion of additional sampling and laboratory analysis.

7.0 LIMITATIONS

Sampling was performed utilizing methods and procedures consistent with good commercial or customary practices for this type of property assessment. Any quantities of ACM listed are estimates only and should be confirmed by the user.

Partner subcontracted with EMSL Analytical Inc. to perform the asbestos analysis. No warranties expressed or implied, are made by Partner or its subcontractor EMSL Analytical Inc. or their employees as to the use of any information, apparatus, product, or process disclosed in this report. Every reasonable effort has been made to assure correctness. If an Asbestos Abatement Contractor or other Demolition/Construction Contractor is employed, such contractor should bring any discrepancies found in this report as it relates to current site conditions or newly discovered site conditions to the immediate attention of Partner.

State-of-the-art practices have been employed to perform this asbestos survey. The services consist of professional opinions and recommendations made in accordance with generally accepted engineering principles/practices. These services are designed to provide an analytical tool to assist the client. Partner and its subcontractor EMSL Analytical Inc. and their employees/representatives bear no responsibility for the actual condition of the structure or safety of this site pertaining to asbestos and/or asbestos contamination regardless of the actions taken by the survey team or the client.

8.0 SIGNATURES OF PROFESSIONALS

Partner has performed an asbestos survey on the portfolio of five properties at in Montgomery, NY 12549 in general conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

Prepared By:

Joseph Rizzo, CSP, CHMM
NYS DOL Certified Asbestos Inspector, Certification No. 06-14089
Project Manager

Reviewed By:

Thomas Rubino
Senior Author

APPENDIX A: ANALYTICAL RESULTS TABLE

HA	Sample ID	Material Description	Sample Location	Results	Quantity
1	JR0630 - 1	Roof Shingle - Shed	355 Neelytown Road	NAD	NA
1	JR0630 - 2	Roof Shingle - Shed	355 Neelytown Road	NAD	NA
2	JR0630 - 3	Roof Shingle - Shed	355 Neelytown Road	NAD	NA
2	JR0630 - 4	Roof Shingle - Shed	355 Neelytown Road	NAD	NA
3	JR0630 - 5	Roof Shingle - Main Roof	355 Neelytown Road	NAD	NA
3	JR0630 - 6	Roof Shingle - Main Roof	355 Neelytown Road	NAD	NA
4	JR0630 - 7	Ext. Window Caulking	355 Neelytown Road	NAD	NA
4	JR0630 - 8	Ext. Window Caulking	355 Neelytown Road	NAD	NA
5	JR0630 - 9	Ext. Window Caulking - Garage	355 Neelytown Road	NAD	NA
5	JR0630 - 10	Ext. Window Caulking - Garage	355 Neelytown Road	NAD	NA
6	JR0630 - 11	Ext. Door Caulking - Garage	355 Neelytown Road	NAD	NA
6	JR0630 - 12	Ext. Door Caulking - Garage	355 Neelytown Road	NAD	NA
7	JR0630 - 13	Roof Shingle - Shed	459 Beaver Dam Road	NAD	NA
7	JR0630 - 14	Roof Shingle - Shed	459 Beaver Dam Road	NAD	NA
8	JR0630 - 15	Exterior Window Caulking - Type I	459 Beaver Dam Road	<1% Anthophyllite	NA
8	JR0630 - 16	Exterior Window Caulking - Type I	459 Beaver Dam Road	<1% Anthophyllite	NA
9	JR0630 - 17	Exterior Window Caulking - Type II	459 Beaver Dam Road	NAD	NA
9	JR0630 - 18	Exterior Window Caulking - Type II	459 Beaver Dam Road	NAD	NA
10	**JR0630 - 19**	**Traniste Shingle**	**459 Beaver Dam Road**	**10% Chrysotile**	NA
10	**JR0630 - 20**	**Traniste Shingle**	**459 Beaver Dam Road**	**NA/PS**	NA
11	JR0630 - 21	Roof Shingle - Main House	459 Beaver Dam Road	NAD	NA
11	JR0630 - 22	Roof Shingle - Main House	459 Beaver Dam Road	NAD	NA
12	JR0630 - 23	Stone Mortar - Main House	459 Beaver Dam Road	NAD	NA
12	JR0630 - 24	Stone Mortar - Main House	459 Beaver Dam Road	NAD	NA
13	**JR0630 - 25**	**Chimney Flashing**	**475 Beaver Dam Road**	**1.2% Chrysotile**	NA
13	**JR0630 - 26**	**Chimney Flashing**	**475 Beaver Dam Road**	**NA/PS**	NA
14	JR0630 - 27	Roof Shingle	475 Beaver Dam Road	NAD	NA
14	JR0630 - 28	Roof Shingle	475 Beaver Dam Road	NAD	NA
15	**JR0630 - 29**	**Vent Flashing**	**475 Beaver Dam Road**	**2.1% Chrysotile**	NA
15	**JR0630 - 30**	**Vent Flashing**	**475 Beaver Dam Road**	**NA/PS**	NA
16	JR0630 - 31	Brick Mortar	475 Beaver Dam Road	NAD	NA
16	JR0630 - 32	Brick Mortar	475 Beaver Dam Road	NAD	NA
17	JR0630 - 33	Joint Compound	483 Beaver Dam Road	NAD	NA
18	JR0630 - 34	Joint Compound	483 Beaver Dam Road	NAD	NA
19	JR0630 - 35	Wallboard	483 Beaver Dam Road	NAD	NA
19	JR0630 - 36	Wallboard	483 Beaver Dam Road	NAD	NA
20	JR0630 - 37	Ceramic Floor Tile Grout	483 Beaver Dam Road	NAD	NA
20	JR0630 - 38	Ceramic Floor Tile Grout	483 Beaver Dam Road	NAD	NA
21	JR0630 - 39	Ceramic Floor Tile Backing	483 Beaver Dam Road	NAD	NA
21	JR0630 - 40	Ceramic Floor Tile Backing	483 Beaver Dam Road	NAD	NA
22	JR0630 - 41	Roof Shingles	483 Beaver Dam Road	NAD	NA
22	JR0630 - 42	Roof Shingles	483 Beaver Dam Road	NAD	NA
23	JR0630 - 43	Roof Shingles - Shed	497 Beaver Dam Road	NAD	NA
23	JR0630 - 44	Roof Shingles - Shed	497 Beaver Dam Road	NAD	NA
24	JR0630 - 45	Roof Shingles - Main	497 Beaver Dam Road	NAD	NA
24	JR0630 - 46	Roof Shingles - Main	497 Beaver Dam Road	NAD	NA
25	JR0630 - 47	Exterior Brick Mortar	497 Beaver Dam Road	NAD	NA
25	JR0630 - 48	Exterior Brick Mortar	497 Beaver Dam Road	NAD	NA
26	JR0714 - 01 - Ceramic Tile	Ceramic Floor Tile	475 Beaver Dam Road - Bathroom	NAD	NA
27	JR0714 - 01 - Grout	Ceramic Floor Tile Grout	475 Beaver Dam Road - Bathroom	NAD	NA
26	JR0714 - 02 - Ceramic Tile	Ceramic Floor Tile	475 Beaver Dam Road - Bathroom	NAD	NA
27	JR0714 - 02 - Grout	Ceramic Floor Tile Grout	475 Beaver Dam Road - Bathroom	NAD	NA
28	JR0714 - 03	Textured Ceiling Material	475 Beaver Dam Road - Corridor	<1% Anthophyllite	NA
28	JR0714 - 04	Textured Ceiling Material	475 Beaver Dam Road - Bedroom	<1% Anthophyllite	NA
28	JR0714 - 05	Textured Ceiling Material	475 Beaver Dam Road - Bedroom	<1% Anthophyllite	NA
29	**JR0714 - 06**	**Wallboard**	**475 Beaver Dam Road - Basement**	**NAD***	NA
29	**JR0714 - 07**	**Wallboard**	**475 Beaver Dam Road - Basement**	**NAD***	NA
30	**JR0714 - 08**	**Joint Compound**	**475 Beaver Dam Road - Basement**	**3.3% Chrysotile**	NA
30	**JR0714 - 09**	**Joint Compound**	**475 Beaver Dam Road - Basement**	**NA/PS**	NA
31	JR0714 - 10	Ceramic Wall Tile Grout	474 Beaver Dam Road - Kitchen	NAD	NA
31	JR0714 - 11	Ceramic Wall Tile Grout	475 Beaver Dam Road - Kitchen	NAD	NA
32	**JR0714 - 12 - Linoleum**	**Linoleum - Bottom Layer**	**475 Beaver Dam Road - Kitchen**	**1.3% Chrysotile**	NA
33	JR0714 - 12 - Mastic	Linoleum Mastic - Bottom Layer	475 Beaver Dam Road - Kitchen	<1% Chrysotile	NA
32	**JR0714 - 13 - Linoleum**	**Linoleum - Bottom Layer**	**475 Beaver Dam Road - Kitchen**	**NA/PS**	NA
33	JR0714 - 13 - Mastic	Linoleum Mastic - Bottom Layer	475 Beaver Dam Road - Kitchen	<1% Chrysotile	NA
34	JR0714 - 14	Linoleum - Top Layer	475 Beaver Dam Road - Kitchen	NAD	NA

ND = Non-Detect for Asbestos
VFT = Vinyl Floor Tile
CT = Ceiling Tile

Bold = ACM
Italic = ?

HA	Sample ID	Material Description	Sample Location	Results	Quantity
34	JR0714 - 15	Linoleum - Top Layer	475 Beaver Dam Road - Kitchen	NAD	NA
35	**JR0714 - 16**	**Linoleum - One Layer**	**355 Neelytown Road - Kitchen**	**4.3% Chrysotile**	NA
35	**JR0714 - 17**	**Linoleum - One Layer**	**355 Neelytown Road - Kitchen**	**NA/PS**	NA
36	JR0714 - 18	Wallboard	355 Neelytown Road - Basement	NAD	NA
36	JR0714 - 19	Wallboard	355 Neelytown Road - Basement	NAD	NA
37	JR0714 - 20	Joint Compound	355 Neelytown Road - Basement	NAD	NA
37	JR0714 - 21	Joint Compound	355 Neelytown Road - Basement	NAD	NA
38	JR0714 - 22	Stone Tile Mortar	355 Neelytown Road - Foyer	NAD	NA
38	JR0714 - 23	Stone Tile Mortar	355 Neelytown Road - Foyer	NAD	NA
39	JR0714 - 24	Ceramic Tile Mortar	355 Neelytown Road - Basement Bathroom	NAD	NA
39	JR0714 - 25	Ceramic Tile Mortar	355 Neelytown Road - Basement Bathroom	NAD	NA
40	JR0714 - 26	Linoleum Glue	355 Neelytown Road - Basement	NAD	NA
40	JR0714 - 27	Linoleum Glue	355 Neelytown Road - Basement	NAD	NA
41	JR0714 - 28	Linoleum	355 Neelytown Road - Basement	NAD	NA
41	JR0714 - 29	Linoleum	355 Neelytown Road - Basement	NAD	NA
42	**JR0714 - 30**	**Linoleum**	**355 Neelytown Road - Bathroom**	**18% Chrysotile**	NA
42	**JR0714 - 31**	**Linoleum**	**355 Neelytown Road - Bathroom**	**NA/PS**	NA
43	JR0714 - 32	Wallboard	497 Beaver Dam Road - Crawlspace	NAD	NA
43	JR0714 - 33	Wallboard	497 Beaver Dam Road - Crawlspace	NAD	NA
44	JR0714 - 34	Joint Compound	497 Beaver Dam Road - Crawlspace	NAD	NA
44	JR0714 - 35	Joint Compound	497 Beaver Dam Road - Crawlspace	NAD	NA
45	JR0714 - 36	Ceramic Floor Tile Grout	497 Beaver Dam Road - Foyer	NAD	NA
45	JR0714 - 37	Ceramic Floor Tile Grout	497 Beaver Dam Road - Foyer	NAD	NA
46	JR0714 - 38	12" Beige Floor Tile (Self-Adhesive)	497 Beaver Dam Road - Basement	NAD	NA
46	JR0714 - 39	12" Beige Floor Tile (Self-Adhesive)	497 Beaver Dam Road - Basement	NAD	NA
47	JR0714 - 40	Brick Mortar	497 Beaver Dam Road - Basement	NAD	NA
47	JR0714 - 41	Brick Mortar	497 Beaver Dam Road - Basement	NAD	NA
48	JR0714 - 42	Attic Insulation	459 Beaver Dam Road	NAD	NA
48	JR0714 - 43	Attic Insulation	459 Beaver Dam Road	NAD	NA
48	JR0714 - 44	Attic Insulation	459 Beaver Dam Road	NAD	NA
49	JR0714 - 45	Floor Tile Mastic	459 Beaver Dam Road - Laundry Room	NAD	NA
49	JR0714 - 46	Floor Tile Mastic	459 Beaver Dam Road - Laundry Room	NAD	NA
50	JR0714 - 47	12" Black Floor Tile	459 Beaver Dam Road - Laundry Room	NAD	NA
51	JR0714 - 48	12" Black Floor Tile	459 Beaver Dam Road - Laundry Room	NAD	NA
52	JR0714 - 49	Wallboard	459 Beaver Dam Road - Laundry Room	NAD	NA
52	JR0714 - 50	Wallboard	459 Beaver Dam Road - Laundry Room	NAD	NA
53	JR0714 - 51	Joint Compound	459 Beaver Dam Road - Laundry Room	NAD	NA
53	JR0714 - 52	Joint Compound	459 Beaver Dam Road - Laundry Room	NAD	NA
54	JR0714 - 53	Linoleum - Bottom Layer	459 Beaver Dam Road - Kitchen	NAD	NA
54	JR0714 - 54	Linoleum - Bottom Layer	459 Beaver Dam Road - Kitchen	NAD	NA
55	JR0714 - 55	Linoleum - Top Layer	459 Beaver Dam Road - Kitchen	NAD	NA
55	JR0714 - 56	Linoleum - Top Layer	459 Beaver Dam Road - Kitchen	NAD	NA

ND = Non-Detect for Asbestos
VFT = Vinyl Floor Tile
CT = Ceiling Tile

Bold = ACM
Italic = ?

APPENDIX B: LABORATORY ANALYSIS & CHAIN OF CUSTODY

PARTNER

EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018
Tel/Fax: (212) 290-0051 / (212) 290-0058
http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order: 032211145
Customer ID: 32PRTN78G
Customer PO: 22-374308.2
Project ID:

Attention: Joseph Rizzo
Partner Engineering and Science, Inc.
611 Industrial Way West Suite A
Eatontown, NJ

Phone: (732) 380-1700
Fax: (732) 380-1701
Received Date: 07/11/2022 9:55 AM
Analysis Date: 07/14/2022
Collected Date: 07/08/2022

Project: 22-374308.2/ Neelytown

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos
Sample ID 1		**Description**	355 Neelytown Road - Roof Shingle-Shed		
032211145-0001		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	Black		100.00% Other	**None Detected**
Sample ID 2		**Description**	355 Neelytown Road - Roof Shingle-Shed		
032211145-0002		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	Black		100.00% Other	**None Detected**
Sample ID 3		**Description**	355 Neelytown Road - Roof Shingle-Shed		
032211145-0003		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	Black		100.00% Other	**None Detected**
Sample ID 4		**Description**	355 Neelytown Road - Roof Shingle-Shed		
032211145-0004		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	Black		100.00% Other	**None Detected**
Sample ID 5		**Description**	355 Neelytown Road - Roof Shingle-Main Roof		
032211145-0005		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	Black		100.00% Other	**None Detected**

Report amended: 07/22/2022 15:50:01 Replaces initial report from: 07/14/2022 14:13:59 Reason Code: Data Entry-Change to Appearance

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EMSL Order: 032211145
Customer ID: 32PRTN78G
Customer PO: 22-374308.2
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos
Sample ID 6		**Description**	355 Neelytown Road - Roof Shingle-Main Roof		
032211145-0006		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	Black		100.00% Other	**None Detected**
Sample ID 7		**Description**	355 Neelytown Road - Ext Window Caulk		
032211145-0007		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	White		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	White		100.00% Other	**None Detected**
Sample ID 8		**Description**	355 Neelytown Road - Ext Window Caulk		
032211145-0008		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	White		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	White		100.00% Other	**None Detected**
Sample ID 9		**Description**	355 Neelytown Road - Ext Window Caulk-Garage		
032211145-0009		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	White		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	White		100.00% Other	**None Detected**
Sample ID 10		**Description**	355 Neelytown Road - Ext Window Caulk-Garage		
032211145-0010		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	White		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	White		100.00% Other	**None Detected**
Sample ID 11		**Description**	355 Neelytown Road - Ext Window Caulk-Garage		
032211145-0011		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	White/ Red		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	White/ Red		100.00% Other	**None Detected**

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EMSL Order:	032211145
Customer ID:	32PRTN78G
Customer PO:	22-374308.2
Project ID:	

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos
Sample ID 12		**Description**	355 Neelytown Road - Ext Window Caulk-Garage		
032211145-0012		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	White/ Red		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	White/ Red		100.00% Other	**None Detected**
Sample ID 13		**Description**	459 Beaver Dam - Roof Shingles-Shed		
032211145-0013		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	Black	1.00% Fibrous (other)	99.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	Black		100.00% Other	**None Detected**
Sample ID 14		**Description**	459 Beaver Dam - Roof Shingles-Shed		
032211145-0014		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	Black	1.10% Fibrous (other)	98.90% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	Black		100.00% Other	**None Detected**
Sample ID 15		**Description**	459 Beaver Dam - Ext Window Caulk-Type 1		
032211145-0015		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	White	None	100.00% Other	**Inconclusive : <1% Anthophyllite**
TEM NYS 198.4 NOB	07/14/2022	White	None	100.00% Other	**<1% Anthophyllite**
Sample ID 16		**Description**	459 Beaver Dam - Ext Window Caulk-Type 1		
032211145-0016		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	White	None	100.00% Other	**Inconclusive : <1% Anthophyllite**
TEM NYS 198.4 NOB	07/14/2022	White	None	100.00% Other	**<1% Anthophyllite**
Sample ID 17		**Description**	459 Beaver Dam - Ext Window Caulk-Type 2		
032211145-0017		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	White		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	White		100.00% Other	**None Detected**

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EMSL Order: 032211145
Customer ID: 32PRTN78G
Customer PO: 22-374308.2
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos
Sample ID 18 *032211145-0018*		**Description** 459 Beaver Dam - Ext Window Caulk-Type 2 **Homogeneity** Heterogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	White		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	White		100.00% Other	**None Detected**
Sample ID 19 *032211145-0019*		**Description** 459 Beaver Dam - Transite Shingle **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/14/2022	Gray/ Tan	4.00% Cellulose 2.00% Glass	50.00% Ca Carbonate 22.00% Non-fibrous (other) 12.00% Quartz	**10.00% Chrysotile**
Inseparable paint / coating layer included in analysis					
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID 20 *032211145-0020*		**Description** 459 Beaver Dam - Transite Shingle **Homogeneity**			
PLM NYS 198.1 Friable	07/14/2022				**Positive Stop (Not Analyzed)**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID 21 *032211145-0021*		**Description** 459 Beaver Dam - Roof Shingle- Main House **Homogeneity** Heterogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	Black		100.00% Other	**None Detected**
Sample ID 22 *032211145-0022*		**Description** 459 Beaver Dam - Roof Shingle- Main House **Homogeneity** Heterogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	Black		100.00% Other	**None Detected**
Sample ID 23 *032211145-0023*		**Description** 459 Beaver Dam - Stone Mortae-Main House **Homogeneity** Heterogeneous			
PLM NYS 198.1 Friable	07/14/2022	Brown/ Gray/ Tan		50.00% Ca Carbonate 5.00% Mica 20.00% Non-fibrous (other) 25.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**

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EMSL Order:	032211145
Customer ID:	32PRTN78G
Customer PO:	22-374308.2
Project ID:	

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos
Sample ID 24		**Description**	459 Beaver Dam - Stone Mortae-Main House		
032211145-0024		**Homogeneity**	Homogeneous		
PLM NYS 198.1 Friable	07/14/2022	Gray		25.00% Ca Carbonate 3.00% Mica 27.00% Non-fibrous (other) 45.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID 25		**Description**	475 Beaver Dam - Chimeny Flashing		
032211145-0025		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	Black	None	98.80% Other	**1.20% Chrysotile**
TEM NYS 198.4 NOB	07/14/2022				**Positive Stop (Not Analyzed)**
Sample ID 26		**Description**	475 Beaver Dam - Chimeny Flashing		
032211145-0026		**Homogeneity**			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022				**Positive Stop (Not Analyzed)**
TEM NYS 198.4 NOB	07/14/2022				**Positive Stop (Not Analyzed)**
Sample ID 27		**Description**	475 Beaver Dam - Roof Shingle		
032211145-0027		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	Black		100.00% Other	**None Detected**
Sample ID 28		**Description**	475 Beaver Dam - Roof Shingle		
032211145-0028		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	Black		100.00% Other	**None Detected**
Sample ID 29		**Description**	475 Beaver Dam - Vent Flashing		
032211145-0029		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	Black	None	97.90% Other	**2.10% Chrysotile**
TEM NYS 198.4 NOB	07/14/2022				**Positive Stop (Not Analyzed)**

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EMSL Order:	032211145
Customer ID:	32PRTN78G
Customer PO:	22-374308.2
Project ID:	

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos
Sample ID 30 *032211145-0030*		**Description** 475 Beaver Dam - Vent Flashing **Homogeneity**			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022				**Positive Stop (Not Analyzed)**
TEM NYS 198.4 NOB	07/14/2022				**Positive Stop (Not Analyzed)**
Sample ID 31 *032211145-0031*		**Description** 475 Beaver Dam - Brick Mortar **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/14/2022	Gray		20.00% Ca Carbonate 55.00% Non-fibrous (other) 25.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID 32 *032211145-0032*		**Description** 475 Beaver Dam - Brick Mortar **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/14/2022	Gray		30.00% Ca Carbonate 3.00% Mica 27.00% Non-fibrous (other) 40.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID 33 *032211145-0033*		**Description** 483 Beaver Dam - Joint Compound **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/14/2022	White		60.00% Ca Carbonate 15.00% Gypsum 10.00% Mica 15.00% Non-fibrous (other)	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID 34 *032211145-0034*		**Description** 483 Beaver Dam - Joint Compound **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/14/2022	White		65.00% Ca Carbonate 5.00% Mica 30.00% Non-fibrous (other)	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**

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EMSL Order: 032211145
Customer ID: 32PRTN78G
Customer PO: 22-374308.2
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos
Sample ID 35 *032211145-0035*		**Description** 483 Beaver Dam - Wall Board **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/14/2022	Brown/ Gray	10.00% Cellulose	75.00% Gypsum 15.00% Non-fibrous (other)	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID 36 *032211145-0036*		**Description** 483 Beaver Dam - Wall Board **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/14/2022	Brown/ Gray	10.00% Cellulose	60.00% Gypsum 30.00% Non-fibrous (other)	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID 37 *032211145-0037*		**Description** 483 Beaver Dam - Ceramic Floor Tile - Grout **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/14/2022	Brown		30.00% Ca Carbonate 35.00% Non-fibrous (other) 35.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID 38 *032211145-0038*		**Description** 483 Beaver Dam - Ceramic Floor Tile - Grout **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/14/2022	Brown		30.00% Ca Carbonate 30.00% Non-fibrous (other) 40.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID 39 *032211145-0039*		**Description** 483 Beaver Dam - Ceramic Floor Tile - Backing **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/14/2022	Gray	8.00% Cellulose	65.00% Ca Carbonate 17.00% Non-fibrous (other) 10.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**

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EMSL Order: 032211145
Customer ID: 32PRTN78G
Customer PO: 22-374308.2
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos
Sample ID 40		**Description**	483 Beaver Dam - Ceramic Floor Tile - Backing		
032211145-0040		**Homogeneity**	Homogeneous		
PLM NYS 198.1 Friable	07/14/2022	Gray	6.00% Cellulose	35.00% Ca Carbonate 39.00% Non-fibrous (other) 20.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID 41		**Description**	483 Beaver Dam - Roof Shingles		
032211145-0041		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	Black		100.00% Other	**None Detected**
Sample ID 42		**Description**	483 Beaver Dam - Roof Shingles		
032211145-0042		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	Black		100.00% Other	**None Detected**
Sample ID 43		**Description**	497 Beaver Dam - Roof Shingles-Shed		
032211145-0043		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	Black		100.00% Other	**None Detected**
Sample ID 44		**Description**	497 Beaver Dam - Roof Shingles-Shed		
032211145-0044		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	Black		100.00% Other	**None Detected**
Sample ID 45		**Description**	497 Beaver Dam - Roof Shingles-Main		
032211145-0045		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	Black		100.00% Other	**None Detected**

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Customer ID:	32PRTN78G
Customer PO:	22-374308.2
Project ID:	

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos
Sample ID 46		**Description**	497 Beaver Dam - Roof Shingles-Main		
032211145-0046		**Homogeneity**	Heterogeneous		
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/14/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/14/2022	Black		100.00% Other	**None Detected**
Sample ID 47		**Description**	497 Beaver Dam - Ext Brick Mortar		
032211145-0047		**Homogeneity**	Homogeneous		
PLM NYS 198.1 Friable	07/14/2022	Gray		45.00% Ca Carbonate 30.00% Non-fibrous (other) 25.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID 48		**Description**	497 Beaver Dam - Ext Brick Mortar		
032211145-0048		**Homogeneity**	Homogeneous		
PLM NYS 198.1 Friable	07/14/2022	Gray		25.00% Ca Carbonate 35.00% Non-fibrous (other) 40.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**

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Customer ID:	32PRTN78G
Customer PO:	22-374308.2
Project ID:	

Test Report:Asbestos Analysis of Bulk Material

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk Materials via NYS ELAP Approved Methods. The reference number for these samples is the EMSL Order ID above. Please use this reference number when calling about these samples.

Report Comments:

Sample Receipt Date:	7/11/2022	Sample Receipt Time:	9:55 AM
Analysis Completed Date:	7/14/2022	Analysis Completed Time:	2:23 AM

Analyst(s):

Jessica Macdonald PLM NYS 198.1 Friable (8)

Migena Shehu PLM NYS 198.1 Friable (7)

Ordep Gonzalez PLM NYS 198.6 NOB (30)

Venisha Lazarus-Barnes TEM NYS 198.4 NOB (28)

Samples reviewed and approved by:

Charles Johnson, Asbestos Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Estimation of uncertainty available upon request. This report is a summary of multiple methods of analysis, fully compliant reports are available upon request. All samples examined for the presence of vermiculite when analyzed via NYS 198.1. A combination of PLM and TEM analysis may be necessary to ensure consistently reliable detection of asbestos. Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. This report must not be used to claim product endorsement by NVLAP of any agency or the U.S. Government . Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. NOB= Non friable organically bound; N/A= Not applicable VCM= Vermiculite containing material.

Samples analyzed by EMSL Analytical, Inc. New York, NY NYS ELAP 11506, NVLAP Lab Code 101048-9

Report amended: 07/22/2022 15:50:01 Replaces initial report from: 07/14/2022 14:13:59 Reason Code: Data Entry-Change to Appearance

OrderID: 032211145

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only: 032211145

EMSL Analytical, Inc.
307 West 38th Street
Suite 901
New York, NY 10018
PHONE: (212) 290-0051
EMAIL: manhattanlab@emsl.com

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	Partner Engineering and Science, Inc.	Company Name:	Partner Engineering and Science, Inc.
Contact Name:	Joseph Rizzo	Billing Contact:	Joseph Rizzo
Street Address:	611 Industrial Way West Suite A	Street Address:	2154 Torrance Blvd, Suite 200
City, State, Zip:	Eatontown NJ 07724 Country: US	City, State, Zip:	Torrance CA Country: US
Phone:	732-380-1700	Phone:	310-615-4500
Email(s) for Report:	jrizzo@partneresi.com	Email(s) for Invoice:	

Project Information

Project Name/No:	~~22-377652.1 / Queens Center~~ 22-374308.2 / Neelytown	Purchase Order:	
EMSL LIMS Project ID: (If applicable, EMSL will provide)		US State where samples collected: NY	State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Sampled By Name:		Sampled By Signature:	Date Sampled: / No. of Samples in Shipment

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 32 Hour ☐ 48 Hour ☒ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

Test Selection

PLM - Bulk (reporting limit)

- ☐ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)
- ☐ POINT COUNT
  - ☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
- ☐ POINT COUNT w/ GRAVIMETRIC
  - ☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
- ☐ NIOSH 9002 (<1%)
- ☒ NYS 198.1 (Friable - NY)
- ☒ NYS 198.6 NOB (Non-Friable - NY)
- ☐ NYS 198.8 (Vermiculite SM-V)

TEM - Bulk

- ☐ TEM EPA NOB
- ☒ NYS NOB 198.4 (Non-Friable - NY)
- ☐ TEM EPA 600/R-93/116 w Milling Prep (0.1%)

Other Tests (please specify)

☒ Positive Stop - Clearly Identified Homogeneous Areas (HA)

2022 JUL 11 AM 9:55 EMSL MANHATTAN

Sample Number	HA Number	Sample Location	Material Description
1	1	355 Neelytown Road	Roof Shingle - Shed
2	↓		↓
3	2		Roof Shingle - Shed
4	↓		↓
5	3		Roof Shingle - Main Roof
6	↓		↓
7	4		Ext Window Caulk
8	↓		↓
9	5		Ext Window Caulk - gamge
10	↓	↓	↓

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

EFx 796433017151

Method of Shipment: fedex		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time: 7/8/22	Received by:	Date/Time: 7/11/22 9:55 AM
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - Asbestos Bulk R7 9/14/2021

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

OrderID: 032211145

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

032211145

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Suite 901
New York, NY 10018
PHONE: (212) 290-0051
EMAIL: manhattanlab@emsl.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	HA Number	Sample Location	Material Description
11	6	355 Neelytown Road	Ext Door Caulk - Garage
12	↓	↓	↓
13	7	459 Beaver Dam	Roof Shingle - Shed
14	↓	↓	↓
15	8	↓	Ext. Window Caulk - TYPE 1
16	↓	↓	↓
17	9	↓	Ext Window Caulk - TYPE 2
18	↓	↓	↓
19	10	↓	Transite Shingle
20	↓	↓	↓
21	11	↓	Roof Shingle - Main House
22	↓	↓	↓
23	12	↓	Stone Mortar - Main House
24	↓	↓	↓
25	13	475 Beaver Dam	Chimney Flashing
26	↓	↓	↓
27	14	↓	Roof Shingle
28	↓	↓	↓
29	15	↓	Vent Flashing
30	↓	↓	↓
31	16	↓	Brick Mortar
32	↓	↓	↓
33	17	483 Beaver Dam	Joint Compound
34	↓	↓	↓
35	18	↓	Wall Board

Method of Shipment: FedEx		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time: 7/8/22	Received by:	Date/Time: 7/11/22 9:55 AM
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - Asbestos Bulk R7 09/14/2021

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

OrderID: 032211145

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Asbestos Bulk Building Materials - Chain of Custody

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Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	HA Number	Sample Location	Material Description
36	18	483 Beaver Dam	Wallboard
37	19		Ceramic Floor Tile Grout
38	↓		↓
39	20		- Backing
40	↓		↓
41	21		Roof Shingles
42	↓		↓
43	22	497 Beaver Dam	Roof Shingles - Shed
44	↓		↓
45	23		Roof Shingles - Main
46	↓		↓
47	24		Ext Brick Mortar
48	↓		↓

Method of Shipment: Fed Ex		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time: 7/8/22	Received by:	Date/Time: 7/11/22 9:55 AM
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - Asbestos Bulk R7 09/14/2021

☐ **AGREE TO ELECTRONIC SIGNATURE** (By checking, I consent to signing this Chain of Custody document by electronic signature.)

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http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order: 032211495
Customer ID: 32PRTN78G
Customer PO: 22-374308.2
Project ID:

Attention: Joseph Rizzo
Partner Engineering and Science, Inc.
611 Industrial Way West Suite A
Eatontown, NJ

Project: 22-374308.2

Phone: (732) 380-1700
Fax: (732) 380-1701
Received Date: 07/15/2022 1:43 PM
Analysis Date: 07/19/2022 - 07/20/2022
Collected Date: 07/14/2022

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos
Sample ID JR0714-1-Ceramic Tile *032211495-0001*		**Description** 475 Beaver Dam Road - Bathroom - Ceramic Floor Tile Grout **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	Pink		35.00% Non-fibrous (other) 65.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-1-Grout *032211495-0001A*		**Description** 475 Beaver Dam Road - Bathroom - Ceramic Floor Tile Grout **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	Tan		20.00% Ca Carbonate 45.00% Non-fibrous (other) 35.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-2-Ceramic Tile *032211495-0002*		**Description** 475 Beaver Dam Road - Bathroom - Ceramic Floor Tile Grout **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	White/ Pink		40.00% Non-fibrous (other) 60.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-2-Grout *032211495-0002A*		**Description** 475 Beaver Dam Road - Bathroom - Ceramic Floor Tile Grout **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	Gray		25.00% Ca Carbonate 20.00% Non-fibrous (other) 55.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-3 *032211495-0003*		**Description** 475 Beaver Dam Road - Corridor - Textured Ceilings **Homogeneity** Heterogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Brown/ White		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	Brown/ White	<1.00% Fibrous (other)	100.00% Other	**<1% Anthophyllite**

Initial report from: 07/19/2022 16:45:56

EMSL Analytical, Inc.

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http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order:	032211495
Customer ID:	32PRTN78G
Customer PO:	22-374308.2
Project ID:	

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos
Sample ID JR0714-4 *032211495-0004*		**Description** 475 Beaver Dam Road - Bedroom - Textured Ceilings **Homogeneity** Heterogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Brown/ White		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	Brown/ White	<1.00% Fibrous (other)	100.00% Other	**<1% Anthophyllite**
Sample ID JR0714-5 *032211495-0005*		**Description** 475 Beaver Dam Road - Bedroom - Textured Ceilings **Homogeneity** Heterogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Brown/ White		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	Brown/ White	1.10% Fibrous (other)	98.90% Other	**<1% Anthophyllite**
Sample ID JR0714-6 *032211495-0006*		**Description** 475 Beaver Dam Road - Basement - Wallboard **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	Gray	4.00% Cellulose	60.00% Gypsum 36.00% Non-fibrous (other)	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-7 *032211495-0007*		**Description** 475 Beaver Dam Road - Basement - Wallboard **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	Brown/ Gray	17.00% Cellulose	75.00% Gypsum 3.00% Mica 5.00% Non-fibrous (other)	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-8 *032211495-0008*		**Description** 475 Beaver Dam Road - Basement - Joint Compound **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	Pink	None	65.00% Ca Carbonate 10.00% Mica 21.70% Non-fibrous (other)	**3.30% Chrysotile**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-9 *032211495-0009*		**Description** 475 Beaver Dam Road - Basement - Joint Compound **Homogeneity**			
PLM NYS 198.1 Friable	07/20/2022				**Positive Stop (Not Analyzed)**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**

Initial report from: 07/19/2022 16:45:56

EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018
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http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order:	032211495
Customer ID:	32PRTN78G
Customer PO:	22-374308.2
Project ID:	

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos
Sample ID JR0714-10 *032211495-0010*		**Description** 475 Beaver Dam Road - Kitchen - Ceramic Wall Tile Grout **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	White		35.00% Non-fibrous (other) 65.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-11 *032211495-0011*		**Description** 475 Beaver Dam Road - Kitchen - Ceramic Wall Tile Grout **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	White		35.00% Ca Carbonate 20.00% Non-fibrous (other) 45.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-12-Linoleum *032211495-0012*		**Description** 475 Beaver Dam Road - Kitchen - Linoleum - Bottom Layer **Homogeneity** Heterogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Gray	None	98.70% Other	**1.30% Chrysotile**
TEM NYS 198.4 NOB	07/19/2022				**Positive Stop (Not Analyzed)**
Sample ID JR0714-12-Mastic *032211495-0012A*		**Description** 475 Beaver Dam Road - Kitchen - Linoleum - Bottom Layer **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	Black	None	100.00% Other	**<1% Chrysotile**
Sample ID JR0714-13-Linoleum *032211495-0013*		**Description** 475 Beaver Dam Road - Kitchen - Linoleum - Bottom Layer **Homogeneity**			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022				**Positive Stop (Not Analyzed)**
TEM NYS 198.4 NOB	07/19/2022				**Positive Stop (Not Analyzed)**
Sample ID JR0714-13-Mastic *032211495-0013A*		**Description** 475 Beaver Dam Road - Kitchen - Linoleum - Bottom Layer **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	Black	None	100.00% Other	**<1% Chrysotile**

Initial report from: 07/19/2022 16:45:56

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http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order: 032211495
Customer ID: 32PRTN78G
Customer PO: 22-374308.2
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos
Sample ID JR0714-14 *032211495-0014*		**Description** 475 Beaver Dam Road - Kitchen - Linoleum - Top Layer **Homogeneity** Heterogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	White		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	White		100.00% Other	**None Detected**
Sample ID JR0714-15 *032211495-0015*		**Description** 475 Beaver Dam Road - Kitchen - Linoleum - Top Layer **Homogeneity** Heterogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	White		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	White		100.00% Other	**None Detected**
Sample ID JR0714-16 *032211495-0016*		**Description** 355 Neely Town Road - Kitchen - Linoleum - 1 - Layer **Homogeneity** Heterogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Brown/ Gray	None	95.70% Other	**4.30% Chrysotile**
TEM NYS 198.4 NOB	07/19/2022				**Positive Stop (Not Analyzed)**
Sample ID JR0714-17 *032211495-0017*		**Description** 355 Neely Town Road - Kitchen - Linoleum - 1 - Layer **Homogeneity**			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022				**Positive Stop (Not Analyzed)**
TEM NYS 198.4 NOB	07/19/2022				**Positive Stop (Not Analyzed)**
Sample ID JR0714-18 *032211495-0018*		**Description** 355 Neely Town Road - Basement - Wallboard **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	Gray	3.00% Cellulose	60.00% Gypsum 37.00% Non-fibrous (other)	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-19 *032211495-0019*		**Description** 355 Neely Town Road - Basement - Wallboard **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	Brown/ Gray	15.00% Cellulose	70.00% Gypsum 10.00% Non-fibrous (other) 5.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**

Initial report from: 07/19/2022 16:45:56

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http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order: 032211495
Customer ID: 32PRTN78G
Customer PO: 22-374308.2
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos
Sample ID JR0714-20 *032211495-0020*		**Description**	355 Neely Town Road - Basement - Joint Compound		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	07/20/2022	White		60.00% Ca Carbonate 7.00% Mica 33.00% Non-fibrous (other)	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-21 *032211495-0021*		**Description**	355 Neely Town Road - Basement - Joint Compound		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	07/20/2022	Gray		70.00% Ca Carbonate 20.00% Gypsum 5.00% Mica 5.00% Non-fibrous (other)	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-22 *032211495-0022*		**Description**	355 Neely Town Road - Foyer - Stone Tile Mortar		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	07/20/2022	Gray		20.00% Ca Carbonate 50.00% Non-fibrous (other) 30.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-23 *032211495-0023*		**Description**	355 Neely Town Road - Foyer - Stone Tile Mortar		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	07/20/2022	Gray		20.00% Ca Carbonate 20.00% Non-fibrous (other) 60.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-24 *032211495-0024*		**Description**	355 Neely Town Road - Basement Bathroom - Ceramic Tile Mortar		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	07/20/2022	Gray		25.00% Ca Carbonate 55.00% Non-fibrous (other) 20.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**

Initial report from: 07/19/2022 16:45:56

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EMSL Order: 032211495
Customer ID: 32PRTN78G
Customer PO: 22-374308.2
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos
Sample ID JR0714-25 *032211495-0025*		**Description** 355 Neely Town Road - Basement Bathroom - Ceramic Tile Mortar **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	Gray		30.00% Ca Carbonate 10.00% Non-fibrous (other) 60.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-26 *032211495-0026*		**Description** 355 Neely Town Road - Basement - Linoleum Glue **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Yellow		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	Yellow	<1.00% Fibrous (other)	100.00% Other	**None Detected**
Sample ID JR0714-27 *032211495-0027*		**Description** 355 Neely Town Road - Basement - Linoleum Glue **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Yellow		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	Yellow	<1.00% Fibrous (other)	100.00% Other	**None Detected**
Sample ID JR0714-28 *032211495-0028*		**Description** 355 Neely Town Road - Basement - Linoleum **Homogeneity** Heterogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Beige		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	Beige		100.00% Other	**None Detected**
Sample ID JR0714-29 *032211495-0029*		**Description** 355 Neely Town Road - Basement - Linoleum **Homogeneity** Heterogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Beige		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	Beige		100.00% Other	**None Detected**
Sample ID JR0714-30 *032211495-0030*		**Description** 355 Neely Town Road - Bathroom - Linoleum **Homogeneity** Heterogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Gray	None	82.00% Other	**18.00% Chrysotile**
TEM NYS 198.4 NOB	07/19/2022				**Positive Stop (Not Analyzed)**

Initial report from: 07/19/2022 16:45:56

EMSL Analytical, Inc.
307 West 38th Street New York, NY 10018
Tel/Fax: (212) 290-0051 / (212) 290-0058
http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order:	032211495
Customer ID:	32PRTN78G
Customer PO:	22-374308.2
Project ID:	

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos
Sample ID JR0714-31 *032211495-0031*		**Description** 355 Neely Town Road - Bathroom - Linoleum **Homogeneity**			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022				**Positive Stop (Not Analyzed)**
TEM NYS 198.4 NOB	07/19/2022				**Positive Stop (Not Analyzed)**
Sample ID JR0714-32 *032211495-0032*		**Description** 497 Beaver Dam Road - Crawl Space - Wallboard **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	Gray	2.00% Cellulose	65.00% Gypsum 33.00% Non-fibrous (other)	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-33 *032211495-0033*		**Description** 497 Beaver Dam Road - Crawl Space - Wallboard **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	Brown/ Gray	15.00% Cellulose	70.00% Gypsum 10.00% Non-fibrous (other) 5.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-34 *032211495-0034*		**Description** 497 Beaver Dam Road - Crawl Space - Joint Compound **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	White	3.00% Cellulose	60.00% Ca Carbonate 2.00% Mica 35.00% Non-fibrous (other)	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-35 *032211495-0035*		**Description** 497 Beaver Dam Road - Crawl Space - Joint Compound **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	White	6.00% Cellulose	55.00% Ca Carbonate 30.00% Gypsum 4.00% Mica 5.00% Non-fibrous (other)	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**

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EMSL Order:	032211495
Customer ID:	32PRTN78G
Customer PO:	22-374308.2
Project ID:	

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos
Sample ID JR0714-36 *032211495-0036*		**Description** 497 Beaver Dam Road - Foyer - Ceramic Floor Tile Grout **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	Gray		20.00% Ca Carbonate 2.00% Mica 33.00% Non-fibrous (other) 45.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-37 *032211495-0037*		**Description** 497 Beaver Dam Road - Foyer - Ceramic Floor Tile Grout **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	Gray		25.00% Ca Carbonate 10.00% Non-fibrous (other) 65.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-38 *032211495-0038*		**Description** 497 Beaver Dam Road - Basement - 12" Beige Floor Tile (Self - Adhesive) **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Beige		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	Beige		100.00% Other	**None Detected**
Sample ID JR0714-39 *032211495-0039*		**Description** 497 Beaver Dam Road - Basement - 12" Beige Floor Tile (Self - Adhesive) **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Beige		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	Beige		100.00% Other	**None Detected**
Sample ID JR0714-40 *032211495-0040*		**Description** 497 Beaver Dam Road - Basement - Brick Mortar **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	Gray		15.00% Ca Carbonate 50.00% Non-fibrous (other) 35.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**

Initial report from: 07/19/2022 16:45:56

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EMSL Order: 032211495
Customer ID: 32PRTN78G
Customer PO: 22-374308.2
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos
Sample ID JR0714-41 *032211495-0041*		**Description** 497 Beaver Dam Road - Basement - Brick Mortar **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	Gray		30.00% Ca Carbonate 35.00% Non-fibrous (other) 35.00% Quartz	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-42 *032211495-0042*		**Description** 459 Beaver Dam Road - Attic - Attic Insulation **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	Gray/ Tan	80.00% Cellulose	20.00% Non-fibrous (other)	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-43 *032211495-0043*		**Description** 459 Beaver Dam Road - Attic - Attic Insulation **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	Gray/ Tan	85.00% Cellulose	15.00% Non-fibrous (other)	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-44 *032211495-0044*		**Description** 459 Beaver Dam Road - Attic - Attic Insulation **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	Gray	95.00% Cellulose	5.00% Non-fibrous (other)	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-45 *032211495-0045*		**Description** 459 Beaver Dam Road - Living Room - Floor Tile Mastic **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	Black		100.00% Other	**None Detected**
Sample ID JR0714-46 *032211495-0046*		**Description** 459 Beaver Dam Road - Living Room - Floor Tile Mastic **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	Black		100.00% Other	**None Detected**

Initial report from: 07/19/2022 16:45:56

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http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order: 032211495
Customer ID: 32PRTN78G
Customer PO: 22-374308.2
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos
Sample ID JR0714-47 *032211495-0047*		**Description** 459 Beaver Dam Road - Living Room - 12" Black Floor Tile **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	Black		100.00% Other	**None Detected**
Sample ID JR0714-48 *032211495-0048*		**Description** 459 Beaver Dam Road - Living Room - 12" Black Floor Tile **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Black		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	Black		100.00% Other	**None Detected**
Sample ID JR0714-49 *032211495-0049*		**Description** 459 Beaver Dam Road - Living Room - Wallboard **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	Gray	4.00% Cellulose 2.00% Glass	60.00% Gypsum 34.00% Non-fibrous (other)	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-50 *032211495-0050*		**Description** 459 Beaver Dam Road - Living Room - Wallboard **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	Brown/ Gray	10.00% Cellulose	80.00% Gypsum 10.00% Non-fibrous (other)	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-51 *032211495-0051*		**Description** 459 Beaver Dam Road - Living Room - Joint Compound **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	White		65.00% Ca Carbonate 2.00% Mica 33.00% Non-fibrous (other)	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**
Sample ID JR0714-52 *032211495-0052*		**Description** 459 Beaver Dam Road - Living Room - Joint Compound **Homogeneity** Homogeneous			
PLM NYS 198.1 Friable	07/20/2022	White		40.00% Ca Carbonate 45.00% Gypsum 3.00% Mica 12.00% Non-fibrous (other)	**None Detected**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB					**Not Analyzed**
TEM NYS 198.4 NOB					**Not Analyzed**

Initial report from: 07/19/2022 16:45:56

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http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order:	032211495
Customer ID:	32PRTN78G
Customer PO:	22-374308.2
Project ID:	

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos
Sample ID JR0714-53 *032211495-0053*		**Description** 459 Beaver Dam Road - Kitchen - Linoleum - Bottom Layer **Homogeneity** Heterogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Gray	6.20% Glass	93.80% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	Gray	<1.00% Fibrous (other)	100.00% Other	**None Detected**
Sample ID JR0714-54 *032211495-0054*		**Description** 459 Beaver Dam Road - Kitchen - Linoleum - Bottom Layer **Homogeneity** Heterogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Gray	7.40% Glass	92.60% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	Gray	<1.00% Fibrous (other)	100.00% Other	**None Detected**
Sample ID JR0714-55 *032211495-0055*		**Description** 459 Beaver Dam Road - Kitchen - Linoleum - Top Layer **Homogeneity** Heterogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Beige		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	Beige		100.00% Other	**None Detected**
Sample ID JR0714-56 *032211495-0056*		**Description** 459 Beaver Dam Road - Kitchen - Linoleum - Top Layer **Homogeneity** Heterogeneous			
PLM NYS 198.1 Friable					**Not Analyzed**
PLM NYS 198.6 VCM					**Not Analyzed**
PLM NYS 198.6 NOB	07/19/2022	Beige		100.00% Other	**Inconclusive: None Detected**
TEM NYS 198.4 NOB	07/19/2022	Beige		100.00% Other	**None Detected**

Initial report from: 07/19/2022 16:45:56

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EMSL Order:	032211495
Customer ID:	32PRTN78G
Customer PO:	22-374308.2
Project ID:	

Test Report:Asbestos Analysis of Bulk Material

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk Materials via NYS ELAP Approved Methods . The reference number for these samples is the EMSL Order ID above. Please use this reference number when calling about these samples.

Report Comments:

Sample Receipt Date:	7/15/2022	Sample Receipt Time:	1:43 PM
Analysis Completed Date:	7/20/2022	Analysis Completed Time:	3:22 AM

Analyst(s):

Christopher Cernansky PLM NYS 198.1 Friable (15)

Laura Harris PLM NYS 198.1 Friable (17)

Migena Shehu PLM NYS 198.6 NOB (24)

Steven Dutter TEM NYS 198.4 NOB (21)

Samples reviewed and approved by:

Charles Johnson, Asbestos Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Estimation of uncertainty available upon request. This report is a summary of multiple methods of analysis, fully compliant reports are available upon request. All samples examined for the presence of vermiculite when analyzed via NYS 198.1. A combination of PLM and TEM analysis may be necessary to ensure consistently reliable detection of asbestos . Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. This report must not be used to claim product endorsement by NVLAP of any agency or the U.S. Government . Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. NOB= Non friable organically bound; N/A= Not applicable VCM= Vermiculite containing material.

Samples analyzed by EMSL Analytical, Inc. New York, NY NYS ELAP 11506, NVLAP Lab Code 101048-9

Initial report from: 07/19/2022 16:45:56

OrderID: 032211495

Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only: 032211495

EMSL Analytical, Inc.
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PHONE: (212) 290-0051
EMAIL: manhattanlab@emsl.com

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Customer Information

Customer ID:	
Company Name:	Partner Engineering and Science, Inc.
Contact Name:	Joseph Rizzo
Street Address:	611 Industrial Way West Suite A
City, State, Zip:	Eatontown NJ 07724 Country: US
Phone:	732-380-1700
Email(s) for Report:	jrizzo@partneresi.com

Billing Information

Billing ID:	
Company Name:	Partner Engineering and Science, Inc.
Billing Contact:	Joseph Rizzo
Street Address:	2154 Torrance Blvd, Suite 200
City, State, Zip:	Torrance CA Country: US
Phone:	310-615-4500
Email(s) for Invoice:	

Project Information

Project Name/No:	22-		Purchase Order:
EMSL LIMS Project ID: (If applicable, EMSL will provide)		US State where samples collected: NY	State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Sampled By Name:	Joe Rizzo	Sampled By Signature:	Date Sampled: 7/14/22
No. of Samples in Shipment	56		

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 32 Hour ☐ 48 Hour ☒ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

Test Selection

PLM - Bulk (reporting limit)

- ☐ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)
- ☐ POINT COUNT
  - ☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
- ☐ POINT COUNT w/ GRAVIMETRIC
  - ☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
- ☐ NIOSH 9002 (<1%)
- ☒ NYS 198.1 (Friable - NY) LH
- ☒ NYS 198.6 NOB (Non-Friable - NY)
- ☐ NYS 198.8 (Vermiculite SM-V)

TEM - Bulk

- ☐ TEM EPA NOB
- ☒ NYS NOB 198.4 (Non-Friable - NY)
- ☐ TEM EPA 600/R-93/116 w Milling Prep (0.1%)

Other Tests (please specify)

☒ Positive Stop - Clearly Identified Homogeneous Areas (HA)

EMSL MANHATTAN LAB RECEIVED 22 JUL 15 PM 4:45

Sample Number	HA Number	Sample Location	Material Description
JR0714 - 1	1	475 Beaver Dam Road - Bathroom	Ceramic Floor Tile Grout
2	↓	↓	↓
3	2	- Corridor	Textured Ceiling
4	↓	- Bedroom	↓
5	↓	↓	↓
6	3	- Basement	Wallboard
7	↓	↓	↓
8	4	↓	Joint Compound
9	↓	↓	↓
10	5	- kitchen	Ceramic Wall Tile Grout

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Method of Shipment:	Fedex	Sample Condition Upon Receipt:	
Relinquished by:		Date/Time: 7/14/22	Received by:	Date/Time: 7/15/22 1:43pm
Relinquished by:		Date/Time:	Received by:	Date/Time

Controlled Document - Asbestos Bulk R7 9/14/2021

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

LH 7/20/22

7/20/22

6

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Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

032211495

EMSL Analytical, Inc.
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New York, NY 10018
PHONE: (212) 290-0051
EMAIL: manhattanlab@emsl.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	HA Number	Sample Location	Material Description
JR0714 - 11	5	475 Beaver Dam Road - Kitchen	Ceramic Wall Tile Grout
12	6		Linoleum - Bottom Layer
13			
14			- Top Layer
15			
16	7	355 Neely Town Road - Kitchen	Linoleum - 1 Layer
17	d		
18	8	- Basement	Wallboard
19	d		
20	9		Joint Compound
21	d		
22	10	- Foyer	Stone Tile Mortar
23	d		d
24	11	- Basement Bathroom	Ceramic Tile mortar
25	d		d
26	12	- Basement	Linoleum Glue
27			d
28			Linoleum
29			d
30	13	- Bathroom	Linoleum
31	d		d
32	14	497 Beaver Dam Road - Crawl Space	Wallboard
33	d		d
34	15		Joint Compound
35	d		d

Method of Shipment:	fedex	Sample Condition Upon Receipt:	
Relinquished by:		Date/Time: 7/14/22	Received by:	Date/Time: 7/15/22 1:43pm
Relinquished by:		Date/Time:	Received by:	Date/Time

EMSL MANHATTAN LAB RECEIVED 22 JUL 15 PM 1:43

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Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	HA Number	Sample Location	Material Description
JR0714-36	16	497 Beaver Dam Road - Foyer	Ceramic Floor Tile Grout
37	↓	↓	↓
38	17	-Basement	12" Beige Floor Tile (Self-Adhesive)
39	↓	↓	↓
40	18	↓	Brick mortar
41	↓	↓	↓
42	19	459 Beaver Dam Road - Attic	Attic Insulation
43	↓	↓	↓
44	↓	↓	↓
45	21	-Laundry Room	Floor Tile Mastic
46	↓	↓	↓
47	↓	↓	12" Black Floor Tile
48	↓	↓	↓
49	22	↓	Wallboard
50	↓	↓	↓
51	23	↓	Joint Compound
52	↓	↓	↓
53	24	-kitchen	Linoleum - Bottom Layer
54	↓	↓	↓
55	↓	↓	- Top Layer
56	↓	↓	↓

RECEIVED MANHATTAN LAB
JUL 15 PM 1:43

Method of Shipment: Fedex		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time: 7/14/22	Received by:	Date/Time: 7/15/22 1:43pm
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - Asbestos Bulk R7 09/14/2021

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Page 3 of 3

LH 7/20/22

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

032211495

EMSL Analytical, Inc.
307 West 38th Street
Suite 901
New York, NY 10018
PHONE: (212) 290-0051
EMAIL: manhattanlab@emsl.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	HA Number	Sample Location	Material Description

EMSL MANHATTAN LAB
RECEIVED
'22 JUL 15 PM 1:43

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time: 7/15/22 1:43pm

Controlled Document - Asbestos Bulk R7 09/14/2021

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Page of

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LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only: 032211495

EMSL Analytical, Inc.
307 West 38th Street
Suite 901
New York, NY 10018
PHONE (212) 290-0051
EMAIL manhattanlab@emsl.com

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	Partner Engineering and Science, Inc.	Company Name:	Partner Engineering and Science, Inc.
Contact Name:	Joseph Rizzo	Billing Contact:	Joseph Rizzo
Street Address:	611 Industrial Way West Suite A	Street Address:	2154 Torrance Blvd, Suite 200
City, State, Zip:	Eatontown NJ 07724 Country: US	City, State, Zip:	Torrance CA Country: US
Phone:	732-380-1700	Phone:	310-615-4500
Email(s) for Report:	jrizzo@partneresi.com	Email(s) for Invoice:	

Project Information

Project Name/No:	22-	Purchase Order:	
EMSL LIMS Project ID: (if applicable, EMSL will provide)		US State where samples collected: NY	State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Sampled By Name:	Joe Rizzo	Sampled By Signature:	Date Sampled: 7/14/22
No. of Samples in Shipment:	56		

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 32 Hour ☐ 48 Hour ☒ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

Test Selection

PLM - Bulk (reporting limit)

- ☐ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)
- ☐ POINT COUNT ☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
- ☐ POINT COUNT w/ GRAVIMETRIC ☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
- ☐ NIOSH 9002 (<1%)
- ☒ NYS 198.1 (Friable - NY)
- ☒ NYS 198.6 NOB (Non-Friable - NY)
- ☐ NYS 198.8 (Vermiculite SM-V)

TEM - Bulk

- ☐ TEM EPA NOB
- ☒ NYS NOB 198.4 (Non-Friable - NY) SD
- ☐ TEM EPA 600/R-93/116 w Milling Prep (0.1%)

Other Tests (please specify)

☒ Positive Stop - Clearly Identified Homogeneous Areas (HA)

EMSL MANHATTAN LAB RECEIVED JUL 15 PM 1:48

Sample Number	HA Number	Sample Location	Material Description
JR0714-1	1	475 Beaver Dam Road - Bathroom	Ceramic Floor Tile Grout
2	↓	↓	↓
3	2	- Corridor	Textured Ceiling
4	↓	- Bedroom	↓
5	↓	↓	↓
6	3	- Basement	Wallboard
7	↓	↓	↓
8	4	↓	Joint Compound
9	↓	↓	↓
10	5	- Kitchen	Ceramic Wall Tile Grout

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Method of Shipment:	fedex	Sample Condition Upon Receipt:	
Relinquished by:		Date/Time: 7/14/22	Received by:	Date/Time: 7/15/22 1:48pm
Relinquished by:		Date/Time:	Received by:	Date/Time:

Controlled Document - Asbestos Bulk R7 9/14/2021

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MS 7/19/2022

Page 1 of 3

7/19/22

OrderID: 032211495

19
6

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

032211495

EMSL Analytical, Inc.
307 West 38th Street
Suite 901
New York, NY 10018
PHONE (212) 290-0051
EMAIL manhattanlab@emsl.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	HA Number	Sample Location	Material Description
JR0714- 11	5	475 Beaver Dam Road - Kitchen	Ceramic Wall Tile Grout
12	6		Linoleum - Bottom Layer
13			
14			- Top Layer
15			
16	7	355 Neely Town Road - Kitchen	Linoleum - 1 Layer
17	d		
18	8	- Basement	Wallboard
19	d		
20	9		Joint Compound
21	d		
22	10	- Foyer	Stone Tile Mortar
23	d		
24	11	- Basement Bathroom	Ceramic Tile mortar
25			
26	12	- Basement	Linoleum Glue
27			
28			Linoleum
29			
30	13	- Bathroom	Linoleum
31			
32	14	497 Beaver Dam Road - Crawl Space	Wallboard
33			
34	15		Joint Compound
35			

Method of Shipment: Fedex

Sample Condition Upon Receipt

Relinquished by:	Date/Time: 7/14/22	Received by:	Date/Time: 7/15/22 1:43pm
Relinquished by:	Date/Time:	Received by:	Date/Time:

Controlled Document - Asbestos Bulk R7 09/14/2021

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MS 7/19/2022

Page 2 of 3

7/19/22

EMSL ANALYTICAL, INC.
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Asbestos Bulk Building Materials - Chain of Custody

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Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	HA Number	Sample Location	Material Description
JR0714-36	16	497 Beaver Dam Road - Foyer	Ceramic Floor Tile Grout
37	↓	↓	↓
38	17	-Basement	12" Beige Floor Tile (Self-Adhesive)
39	↓	↓	↓
40	18	↓	Brick mortar
41	↓	↓	↓
42	19	459 Beaver Dam Road - Attic	Attic Insulation
43	↓	↓	↓
44	↓	↓	↓
45	21	-Laundry Room	Floor Tile Mastic
46	↓	↓	↓
47	↓	↓	12" Black Floor Tile
48	↓	↓	↓
49	22	↓	Wallboard
50	↓	↓	↓
51	23	↓	Joint Compound
52	↓	↓	↓
53	24	-kitchen	Linoleum - Bottom Layer
54	↓	↓	↓
55	↓	↓	- Top Layer
56	↓	↓	↓

Method of Shipment:	Fedex		Sample Condition Upon Receipt:		
Relinquished by:		Date/Time: 7/14/22	Received by:	Date/Time: 7/15/22	1:43pm
Relinquished by:		Date/Time:	Received by:	Date/Time	

Controlled Document - Asbestos Bulk R7 09/14/2021

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Page 3 of 3

MS 7/19/2022

7/19/22

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Materials - Chain of Custody

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PHONE (212) 290-0051
EMAIL manhattanlab@emsl.com

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Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	HA Number	Sample Location	Material Description

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time: 7/16/22 1:43pm
Relinquished by:	Date/Time:	Received by:	Date/Time:

Controlled Document - Asbestos Bulk R7 09/14/2021

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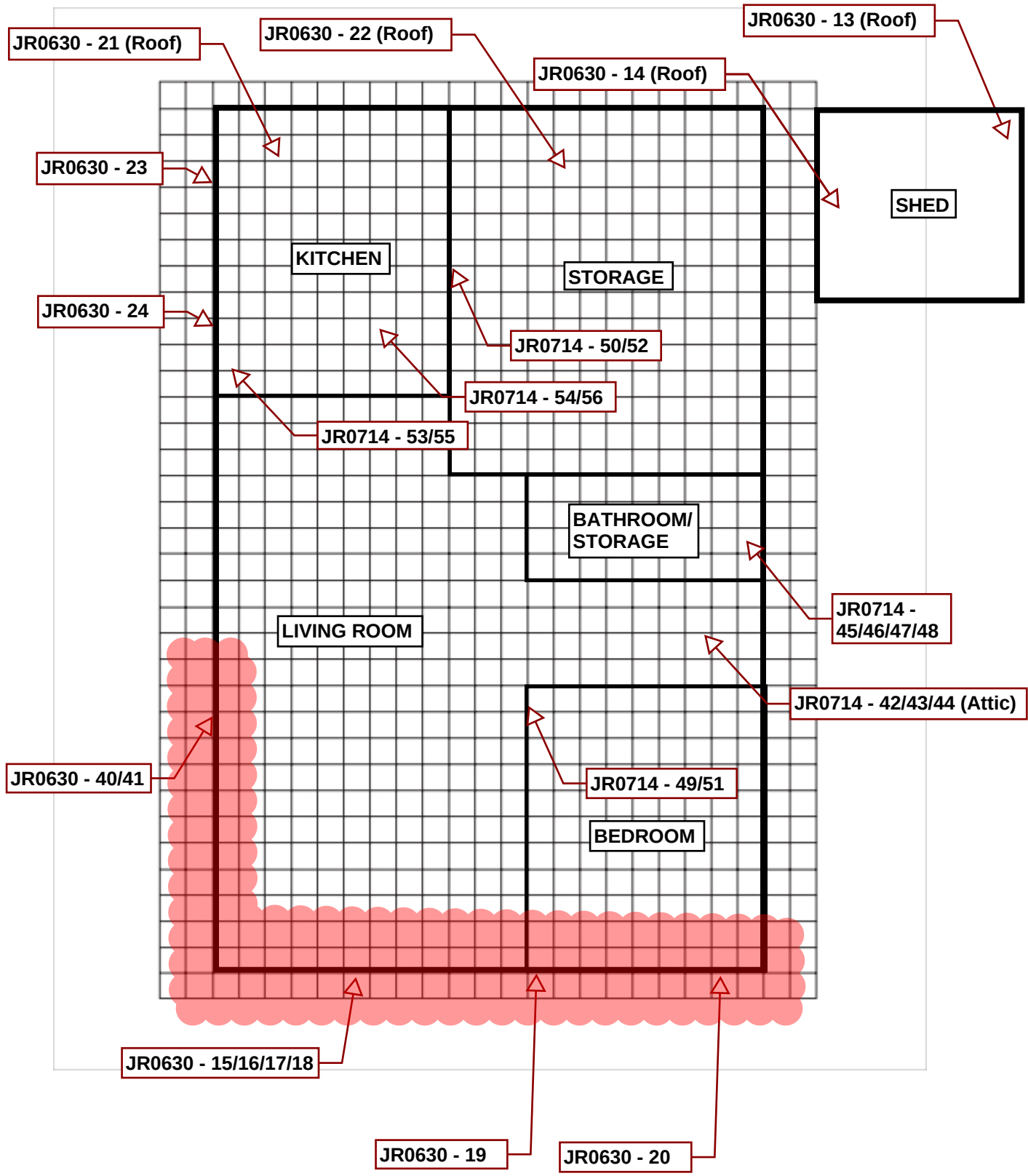
MS 7/19/2022

Page of

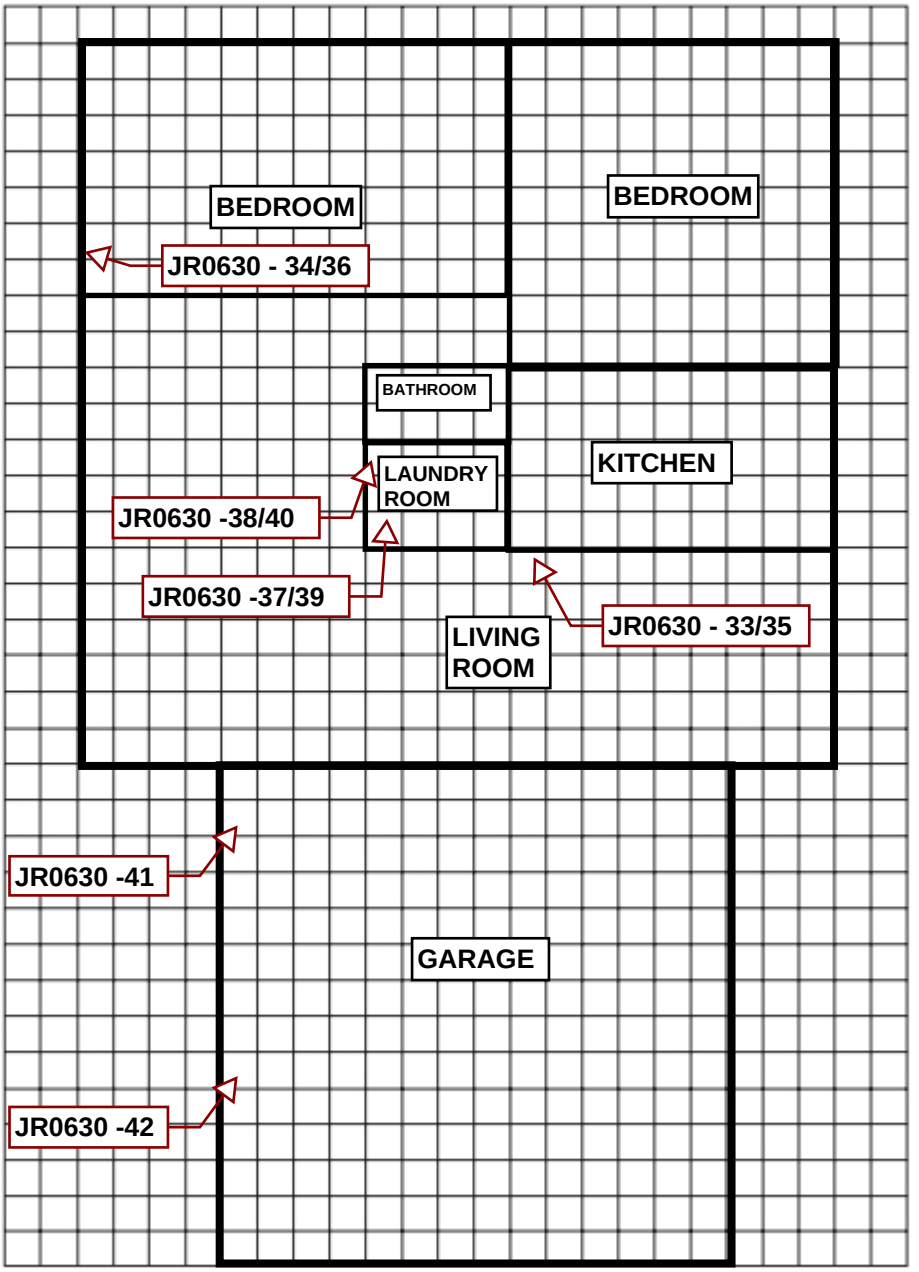
7/19/22

APPENDIX C: SAMPLE LOCATION DIAGRAM

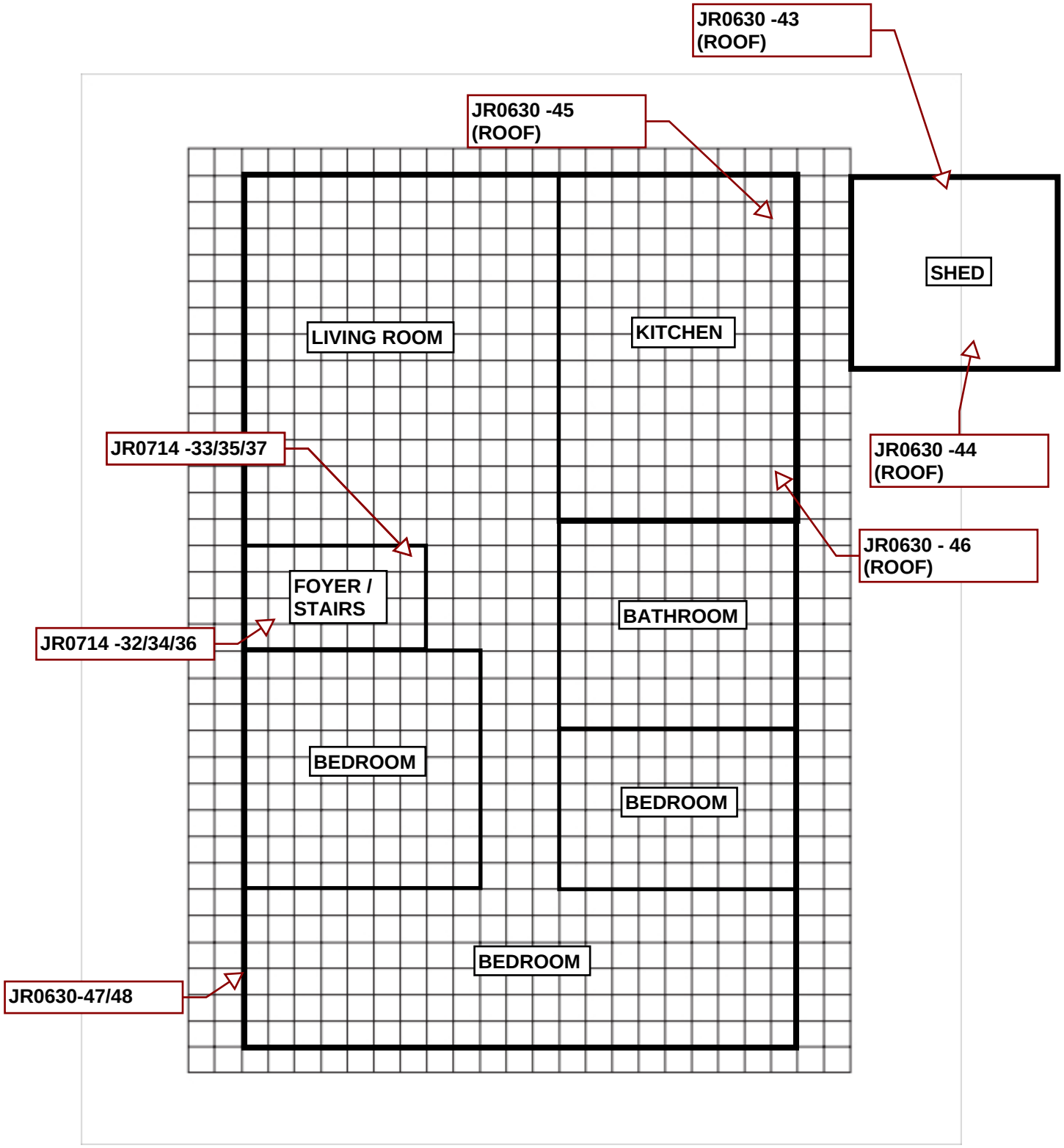


ASBESTOS AND BULK SAMPLE LOCATION DRAWING
459 BEAVER DAM ROAD
MONTGOMERY, NY 12549
PARTNER PROJECT NO. 22-374308.2
SCALE: NOT TO SCALE
DATE: JULY 23, 2022

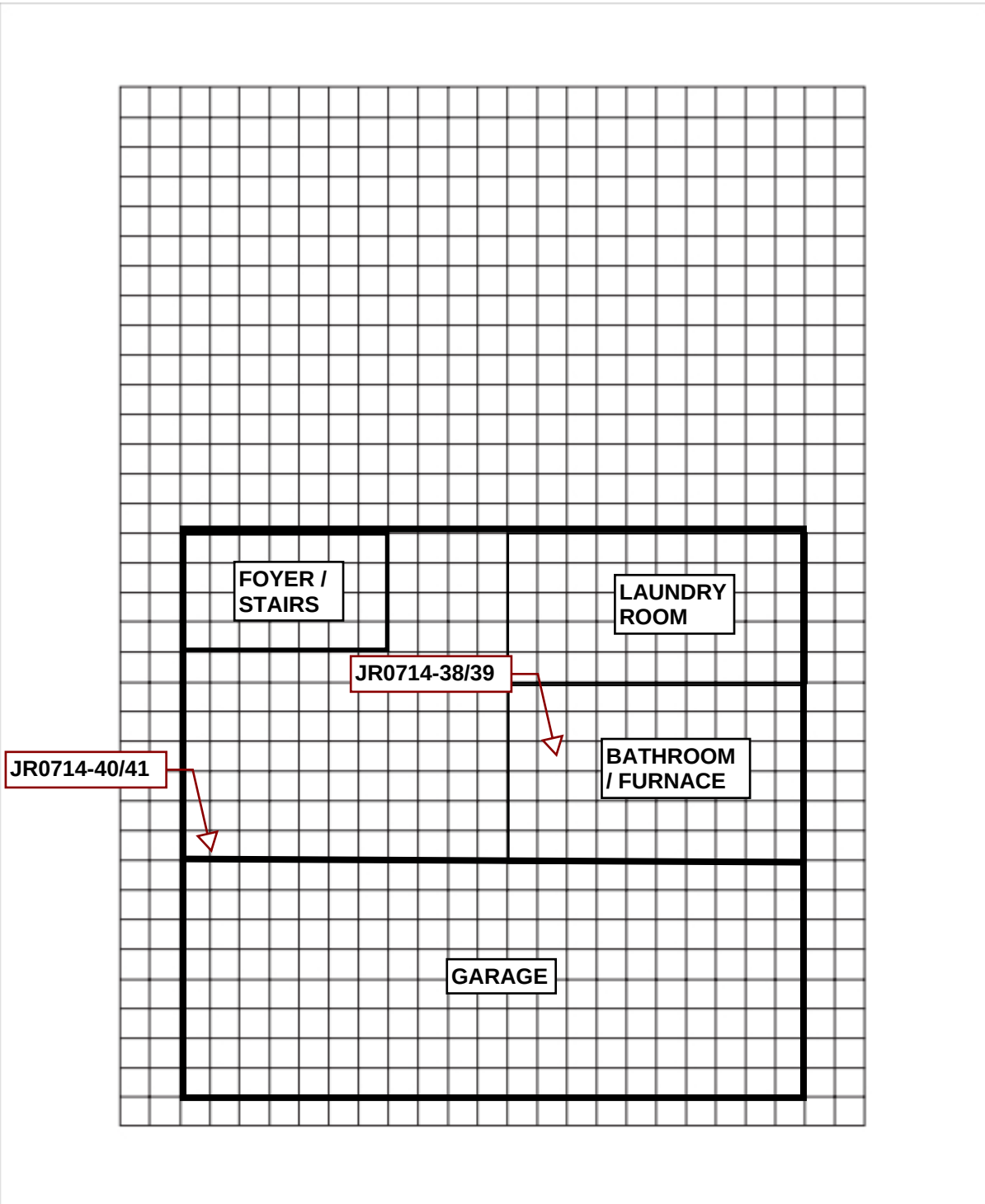
= APPROXIMATELY 750 SF OF TRANSITE SHINGLES



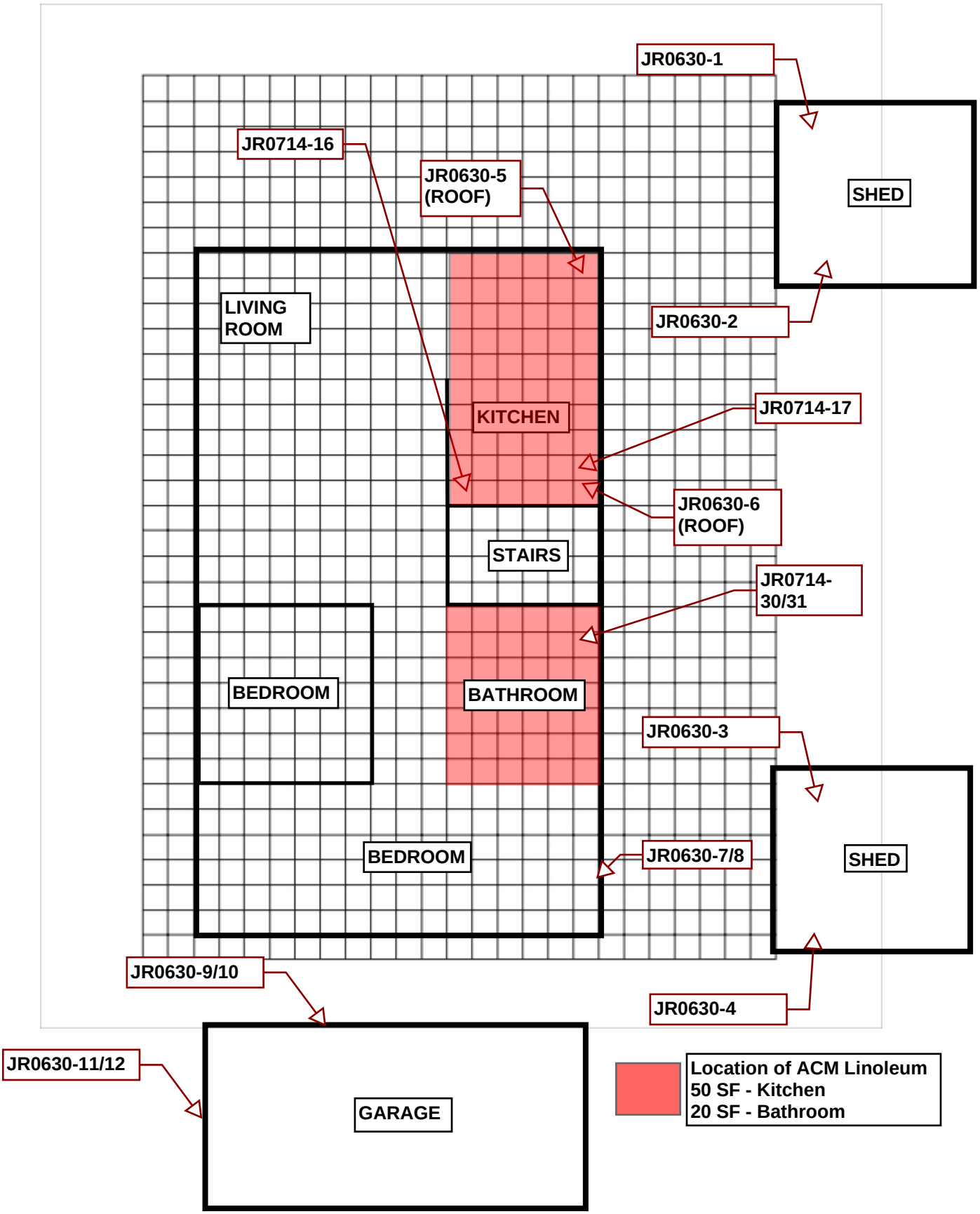
ASBESTOS AND BULK SAMPLE LOCATION DRAWING
483 BEAVER DAM ROAD
MONTGOMERY, NY 12549
PARTNER PROJECT NO. 22-374308.2
SCALE: NOT TO SCALE
DATE: JULY 23, 2022



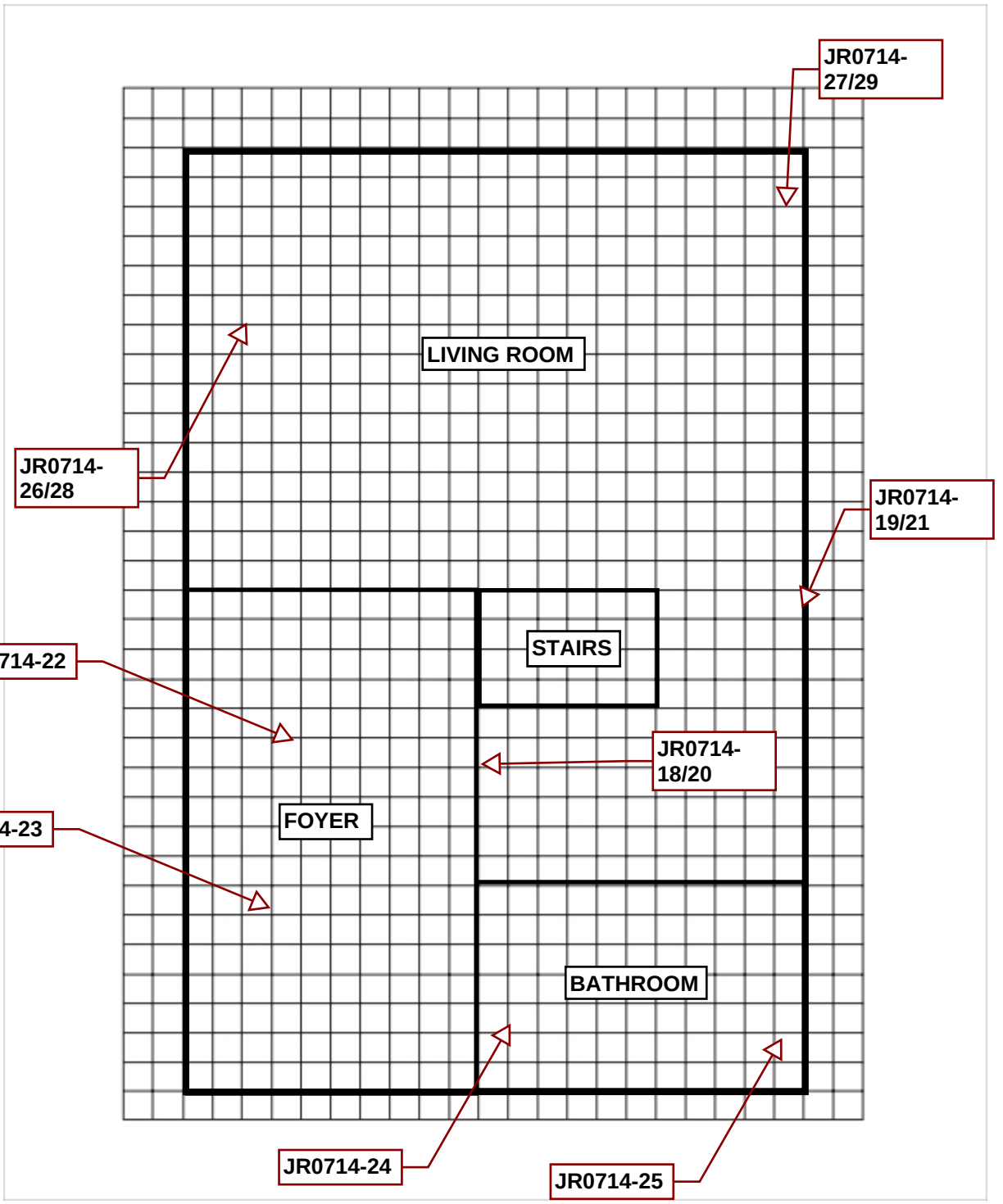
ASBESTOS AND BULK SAMPLE LOCATION DRAWING
497 BEAVER DAM ROAD
MONTGOMERY, NY 12549
PARTNER PROJECT NO. 22-374308.2
SCALE: NOT TO SCALE
DATE: JULY 23, 2022



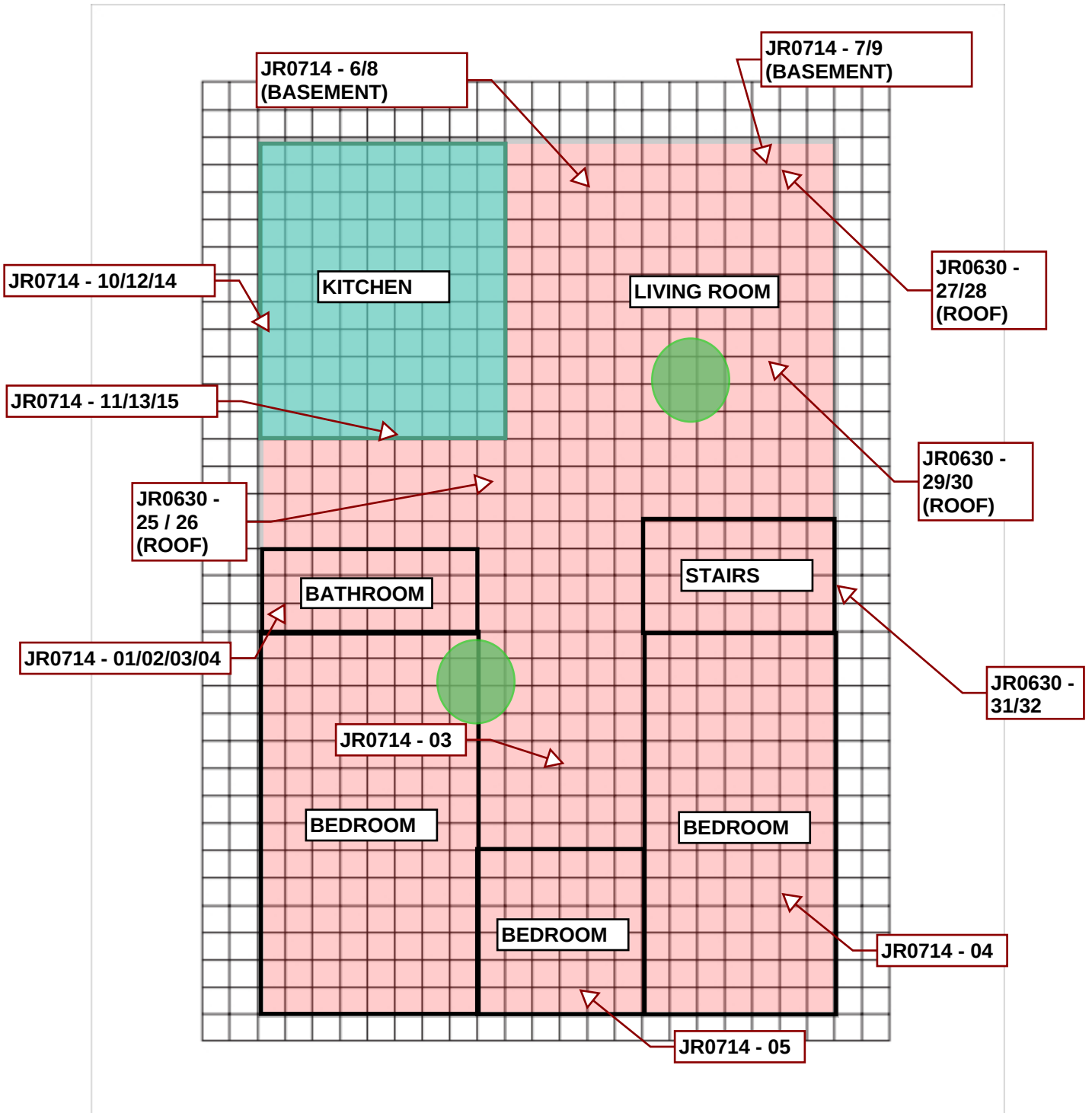
ASBESTOS AND BULK SAMPLE LOCATION DRAWING
497 BEAVER DAM ROAD
MONTGOMERY, NY 12549
PARTNER PROJECT NO. 22-374308.2
SCALE: NOT TO SCALE
DATE: JULY 23, 2022



ASBESTOS AND BULK SAMPLE LOCATION DRAWING
355 NEELYTOWN ROAD
MONTGOMERY, NY 12549
PARTNER PROJECT NO. 22-374308.2
SCALE: NOT TO SCALE
DATE: JULY 23, 2022



ASBESTOS AND BULK SAMPLE LOCATION DRAWING
355 NEELYTOWN ROAD
MONTGOMERY, NY 12549
PARTNER PROJECT NO. 22-374308.2
SCALE: NOT TO SCALE
DATE: JULY 23, 2022



ALL WALLBOARD/ JOINT COMPUND MUST BE CONSIDERED ASBESTOS CONTAINING 5,000 SF

LOCATION OF ACM CHIMNEY AND VENT FLASHING (2 SF EACH)

LOCATION OF 75 SF OF ACM LINOLEUM

ASBESTOS AND BULK SAMPLE LOCATION DRAWING
475 BEAVER DAM ROAD
MONTGOMERY, NY 12549
PARTNER PROJECT NO. 22-374308.2
SCALE: NOT TO SCALE
DATE: JULY 23, 2022

APPENDIX D: CERTIFICATIONS/LICENSES

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE

N.Y.S

JOSEPH R RIZZO
CLASS(EXPIRES)
D INSP(11/22) E MGPL(11/22)
H PM (11/22)

CERT# 06-14089
DMV# 186078708

MUST BE CARRIED ON ASBESTOS PROJECTS

01213 006069541 86

EYES BRO
HAIR BRO
HGT 5' 08"

IF FOUND RETURN TO:
NYSDOL - L&C UNIT
ROOM 161A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12240

New York State – Department of Labor
Division of Safety and Health
License and Certificate Unit
State Campus, Building 12
Albany, NY 12240

ASBESTOS HANDLING LICENSE

Partner Assessment Corporation
Suite 501
362 Fifth Avenue

New York, NY 10001

FILE NUMBER: 17-107045
LICENSE NUMBER: 107045
LICENSE CLASS: FULL
DATE OF ISSUE: 05/12/2022
EXPIRATION DATE: 05/31/2023

Duly Authorized Representative – Michelle Nagy:

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Amy Phillips, Director
For the Commissioner of Labor

SH 432 (8/12)

APPENDIX E: PHOTOGRAPHIC DOCUMENTATION

PARTNER

1. View of 355 Neelytown Road - Exterior

2. View of 355 Neelytown Road – Exterior Rear

3. View of 355 Neelytown Road – Exterior Window Caulking

4. View of 355 Neelytown Road - Interior

5. View of 355 Neelytown Road - Interior

6. View of 355 Neelytown Road – Bathroom ACM Linoleum

7. View of 355 Neelytown Road - Basement

8. View of 355 Neelytown Road – Basement Bathroom

9. View of 355 Neelytown Road – Basement Foyer

10. View of 355 Neelytown Road – Attic Fiberglass

11. View of 497 Beaver Dam Road - Exterior

12. View of 497 Beaver Dam Road - Exterior

13. View of 497 Beaver Dam Road - Interior

14. View of 497 Beaver Dam Road - Kitchen

15. View of 497 Beaver Dam Road – Typical Bedroom

16. View of 497 Beaver Dam Road - Basement

17. View of 497 Beaver Dam Road – Furnace

18. View of 497 Beaver Dam Road - Attic

19. View of 459 Beaver Dam Road - Exterior

20. View of 497 Beaver Dam Road - Exterior

21. View of 497 Beaver Dam Road – Ext. Window Caulking

22. View of 497 Beaver Dam Road – ACM Transite Shingles

23. View of 497 Beaver Dam Road - Exterior

24. View of 497 Beaver Dam Road – Typical Bedroom

25. View of 497 Beaver Dam Road – Typical Bedroom

26. View of 497 Beaver Dam Road – Storage Room

27. View of 497 Beaver Dam Road – Fiberglass Ceiling Insulation

28. View of 497 Beaver Dam Road – Kitchen

29. View of 497 Beaver Dam Road – Basement Furnace and Hot Water Heater

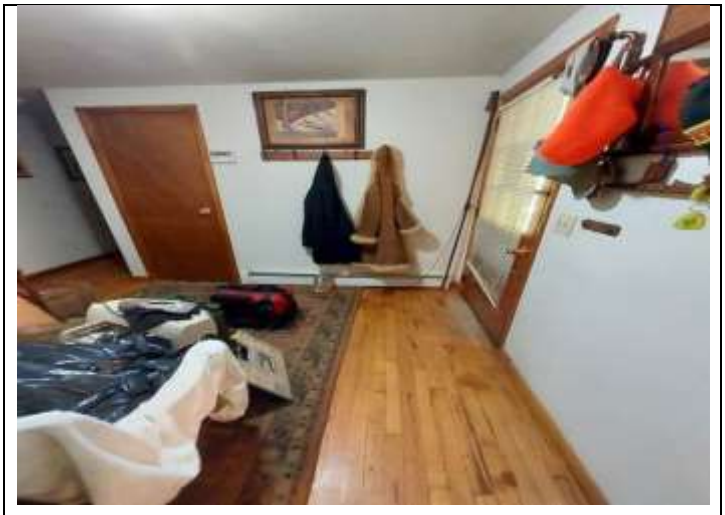
30. View of 497 Beaver Dam Road – Blown-In Attic Insulation

31. View of 475 Beaver Dam Road – Exterior

32. View of 475 Beaver Dam Road – Exterior

33. View of 475 Beaver Dam Road – ACM Vent Flashing

34. View of 475 Beaver Dam Road – ACM Chimney Flashing



35. View of 475 Beaver Dam Road – Typical Interior

35. View of 475 Beaver Dam Road – Bathroom

36. View of 475 Beaver Dam Road – Typical Interior

37. View of 475 Beaver Dam Road – ACM Linoleum

38. View of 475 Beaver Dam Road – Basement

39. View of 475 Beaver Dam Road – Basement

40. View of 475 Beaver Dam Road – Basement Furnace and Hot Water Heater

41. View of 475 Beaver Dam Road – Limoleum

42. View of 483 Beaver Dam Road – Exterior

43. View of 483 Beaver Dam Road – Exterior

44. View of 483 Beaver Dam Road – Interior

45. View of 483 Beaver Dam Road – Interior

46. View of 483 Beaver Dam Road – Interior Ceramic Tile

View of 483 Beaver Dam Road – Roof Shingle

50 Chestnut Ridge Road
Suite 101
Montvale New Jersey 07645
Main: 877 627 3772

Colliers Engineering & Design

Memorandum

To: Justin Ferrazzano

From: David Keil

Date: October 5, 2023

Subject: Results of Baseline Air Quality Testing at Neelytown Road

Project No.: 21000327A

On August 22-23, 2023, Colliers Engineering & Design (CED) conducted baseline air monitoring at a property located near the intersection of Neelytown Road and Beaver Dam Road in Montgomery. New York.

Five (5) Air monitoring stations were established. Instruments monitored for volatile organic vapors and particulates for a period of 24 hours.

The results are considered reliable and show that volatile organic compounds were not present in ambient air—except for minor sporadic and short-lived trace detections that may be the result of passing vehicles or other anthropogenic factors. The same was true for the particulate matter data, which generally showed over a 24-hour period inhalable particulate matter ($PM_{2.5}$ and PM_{10}) readings were below the EPA established primary (health-based) 24-hour criteria of 35 $\mu g/m^3$ for $PM_{2.5}$ and 150 $\mu g/m^3$ for PM_{10}.

Based on these data, it is CED's opinion that a solid baseline has been established for the site and that any subsequent monitoring conducted during more active construction and development stages of the project, will be a basis for comparison for potential impacts to the surrounding community.

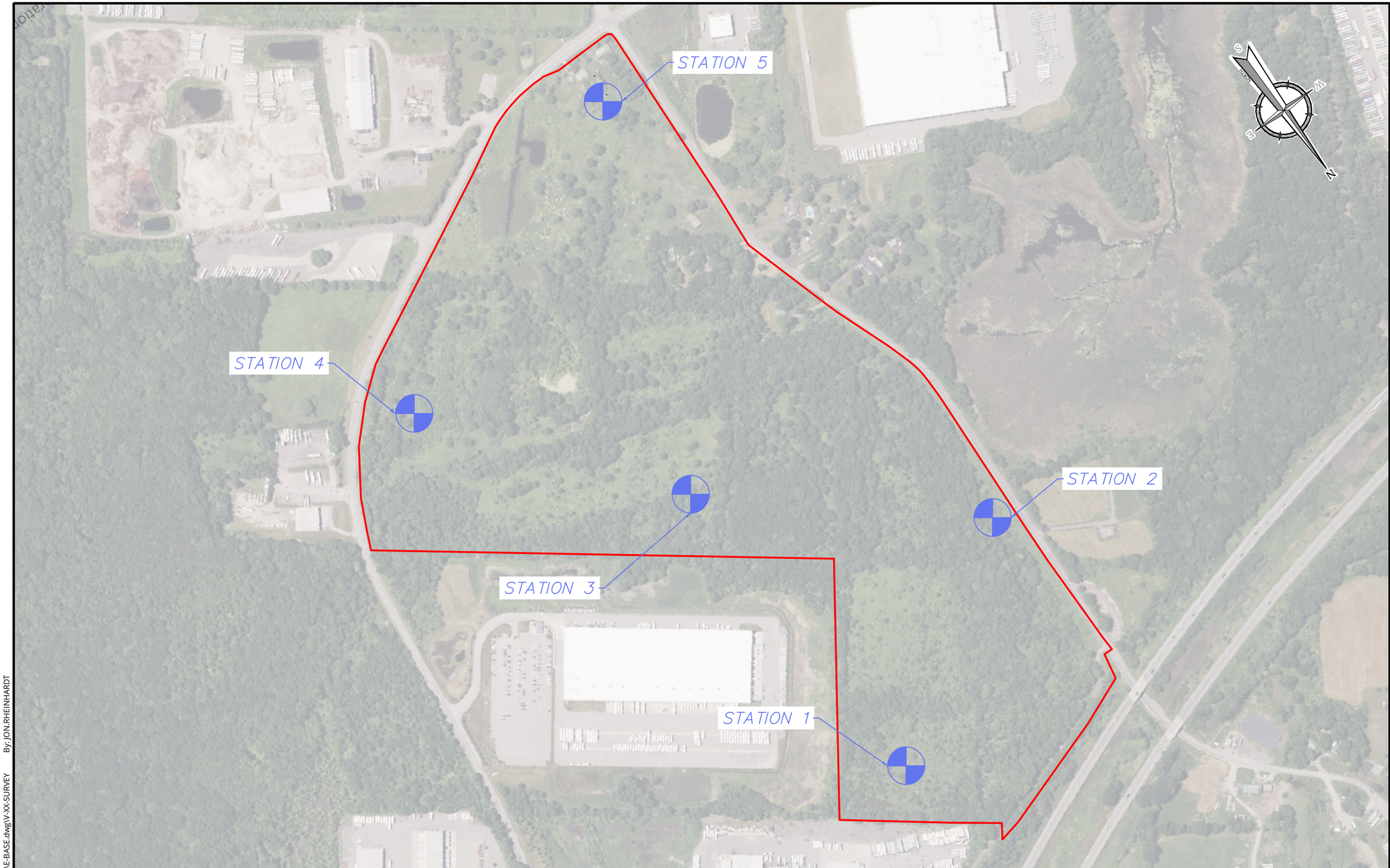
DJK/ca

R:\Projects\2021\21000327A\Correspondence\Memos\230913_djk_Justin Ferrazzo.docx

Attachment:

Attachment A – Monitoring Station Location Map

Attachment B – Station Monitoring Data



LEGEND

AREA EXTENT (APPROX.)

BASE MAP SOURCE: (C) 2023 MICROSOFT CORPORATION (C) 2023 MAXAR (C) CNES (2023) DISTRIBUTION AIRBUS DS

400 0 400

SCALE : 1" = 400'

Colliers
Engineering & Design

www.colliersengineering.com

Doing Business as MASER CONSULTING

PROTECT YOURSELF
ALL STATES REQUIRE NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN ANY STATE
STATE REQUIRED FILE NUMBER
FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

REV	DATE	DRAWN BY	DESCRIPTION
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BASELINE AIR QUALITY TESTING
FOR
NEELYTOWN ROAD
36-1-33, 36-1-11.221, 36-1-11.23, 36-1-11.212, 36-1-11.211, 36-1-11.1, 36-1-10.1, 33-1-91
TOWN OF MONTGOMERY, ORANGE COUNTY, NEW YORK

Colliers Engineering & Design
HOLMDEL (Headquarters)
101 Crawfords Corner Road, Suite 3400
Holmdel, NJ 07733
Phone: 732.383.1950
COLLIERS ENGINEERING & DESIGN, INC. DOING BUSINESS AS MASER CONSULTING

SCALE:	DATE:	DRAWN BY:	CHECKED BY:
AS SHOWN	10/16/2023	JSR	DJK

PROJECT NUMBER: 21000327A
DRAWING NAME: E-BASE
SHEET TITLE: MONITORING STATION LOCATION MAP
FIELD BOOK: XX
PAGE:XX
SHEET NUMBER: FIGURE 1

2021\21000327A\Environmental\E-BASE.dwg\V-XX-SURVEY By: JON.RHEINHARDT