

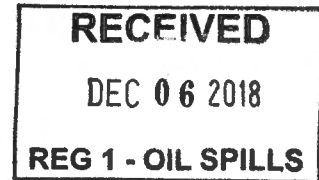
Delivered by Email on 12/03/2018 to: nick.acampora@dec.ny.gov

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December 3rd 2018

Nick Acampora
Division of Environmental Remediation
New York State Department of Environmental Conservation
50 Circle Road, SUNY at Stony Brook
Stony Brook NY 11790-3409



Re: Existing Soil Stockpile Sampling –Supplemental Asbestos Results
Former Cibro Terminal Site ID: 130153,
7 Washington Avenue, Island Park NY 11558

Mr. Acampora,

This letter report supplements the November 8th Existing Soil Stockpile Sampling Letter Report for the October 2018 sampling. To expedite delivery of sampling results to the New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH), the November 8th Letter Report presented only the results of the Part 375 analytes.

This supplemental letter summarizes the requested asbestos in soil sampling results.

ASBESTOS SAMPLING SUMMARY:

The following table describes the original stockpile identifications (Figure #1), lists which soil bin the material was moved into and the approximate size.

Original Stockpile	Moved into Soil Bin #	Measured Volume (cy)	# Asbestos Samples
1,3,4	7/8	3,850	1
5, 7	3-6	14,050	3
13	NA	1,400	1

ASBESTOS SAMPLING RESULTS SUMMARY:

Sample ID	PLM Asbestos Concentration by Sieve Fraction			PLM Weighted Asbestos Concentration	TEM Qualitative	TEM Quantitative Fine	
	Coarse	Medium	Fine		Fine	Structures	% Weight
B7-8-SB1-0'-17'	ND	ND	ND	ND	ND	NA	NA
B3-4-5-6-SB8-10'-20'	ND	ND	ND	ND	ND	NA	NA
B3-4-5-6-SB7-10'-20'	ND	ND	ND	ND	ND	NA	NA
B3-4-5-6-SB4-0'-10'	ND	ND	ND	ND	Horneblende, Chrysotile	8	<0.1%
B3-4-5-6-SB4-0'-10'DUP	NA	NA	NA	NA	Actinolite, Chrysotile	3	<0.1%
PDC-HI-P13	ND	ND	ND	ND	ND	NA	NA

ND - Not detected

NA - Not analyzed

CONCLUSIONS AND RECOMMENDATIONS:

No asbestos fibers were detected in samples collected from soil bin 7/8 or from stockpile #13. Trace concentrations of asbestos fibers were detected in one of three of the samples from soil bin 3-6 (including the duplicate sample from SB-4). The concentration of asbestos detected in soil is not anticipated to pose an exposure risk.

There are no recommended restrictions on the use of the tested stockpiles as a result of the asbestos testing results.

To summarize the proposed re-use of soil in the stockpiles, we combine the supplemental asbestos sampling with the Part 375 results reported in the November 8, 2018 Letter Report and present the following recommendations:

- Soil tested from stockpile #13 (1,400 CY) can be used on the above reference property without restrictions
- Soil bin 3-6 (14,050 CY) can be used on the above reference property without restrictions.
- Soil tested from soil bin 7/8 (3,850 CY) in the area of SB #12 will be delineated as shown on Figure #3. Soil from this delineated area will be isolated, and pending NYSDEC approval, used for placement below the soil cover/cap. The remaining soil from soil bin 7/8 can be used on the above reference property without restrictions.

Feel free to reach out if you have any questions or concerns.

Regards,



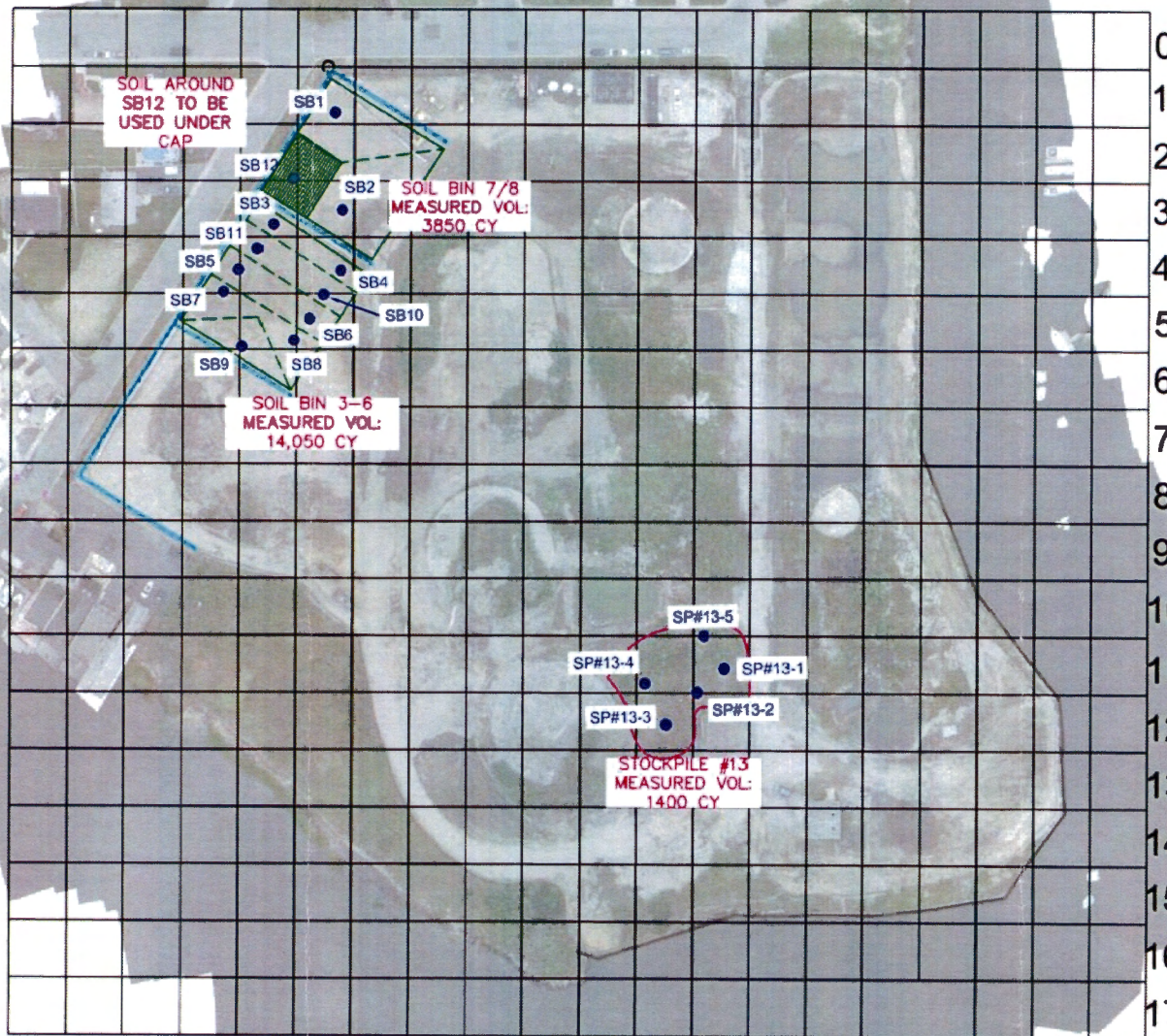
James Smyth
Environmental Engineer

Attachment:
EMSL Laboratory Report

cc:

Wendy S. Kuehner, P.E., NYSDOH (email)
Charlotte M. Bethoney, NYSDOH (email)
Christopher Battista, P.G., Roux Associates (email)
Charlie McGuckin, P.E., Roux Associates (email)
Stephen Kaplan, P.G., VHB (email)

A B C D E F G H I J K L M N O P Q R S T



Posillico Civil
 1750 New Highway
 Farmingdale, NY
 11735
 (631) 249-1872

Revisions/Issues			
No.	Date	By	Description
1	11/2/18	MB	Sample Locations

 Title: **SOIL STOCKPILE SAMPLE LOCATION**

 Licensed Surveyor

Signature: _____ Date: _____
 Title: **SOIL STOCKPILE SAMPLE LOCATION**

Project: **HARBOR ISLE**

Date: **NOVEMBER 2, 2018**

Drawn by: **MB** Checked by: **JS**

Drawing No: **FIGURE 3**

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
Phone: (800) 220-3675 Fax: (856) 858-1292
Email: WestmontAsbLab@emsl.com

EMSL Reference: 041831864
Customer ID: POSC36
Customer PO:
Project ID:

Attn: James Smyth

Posillico Civil

1750 New Hwy

Farmingdale, NY 11735

Phone : (631) 249-1872**Fax :****Date Received :** 10/23/2018**Date Analyzed :** 10/29/2018-10/30/2018**Date Reported :** 10/30/2018**Project:** #27000 - PCD @ Harbor Isle

ASTM D7521: Standard Test Method for the Determination of Asbestos in Soil Summary Report

Sample ID Client / EMSL	Asbestos Type(s)	PLM Asbestos Concentration by Sieve Fraction			PLM Weighted Asbestos Concentration	TEM Qualitative Fine	TEM Quantitative Fine Str/ μ g
		Coarse	Medium	Fine			
B7-8-SB1-0'-17' 041831864-0001	None Detected	ND	ND	ND	None Detected	None Detected	N/A
B3-4-5-6-SB8-10'-20' 041831864-0002	None Detected	ND	ND	ND	None Detected	None Detected	N/A
B3-4-5-6-SB7-10'-20' 041831864-0003	None Detected	ND	ND	ND	None Detected	None Detected	N/A
B3-4-5-6-SB4-10'-20' 041831864-0004	None Detected	ND	ND	ND	None Detected	Actinolite	N/A
PDC-HI-P13 041831864-0005	None Detected	ND	ND	ND	None Detected	None Detected	N/A

Analyst(s)

Andrew Castellano

Samantha Rundstrom-Cruz

Sandy Burany

Benjamin Ellis, Laboratory Manager
or other approved signatory

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Test Report ASTM Sieve 7251-0. Amended: 10/30/18 1:54 PM



EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone: (800) 220-3675
Fax: (856) 858-1292
Email: CinnAsblab@emsl.com

EMSL Order: 041831864
Customer ID: POSL75
Customer PO:
Project ID:

Attn: **James Smyth**
Posillico Dev Co at Island Harbor Inc
1750 New Hwy
Farmingdale, NY, 11735

Phone: (631) 390-5737
Fax: N/A

Collected: 10/17/2018
Received: 10/23/2018
9:20:00AM

Project: **#27000 - PDC @ Harbor Isle**

Analyzed: 11/13/2018 - 11/16/2018

SUMMARY REPORT : TEM EPA 600/R-93/116

Analysis of Soil Material Utilizing Analytical Electron Microscopy (Section 2.5.5.2) with Milling Prep

Sample ID	Minerals Present	Results	Structures	Reporting Limit	Asbestos Weight	Comments
B3-4-5-6-SB4-0'-10 041831864-0004	Hornblende, Chrysotile	Regulated Asbestos	7	0.1%	< 0.1%	
		Other Minerals	1		< 0.1%	
		Unknown	0		-	
		Total	8		< 0.1%	
B3-4-5-6-SB4-0'-10 041831864-0004DUP	Actinolite, Chrysotile	Regulated Asbestos	3	0.1%	< 0.1%	
		Other Minerals	0		< 0.1%	
		Unknown	0		-	
		Total	3		< 0.1%	

W. Nguyen S. BURANY
Analyst

Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL is not responsible for sample collection activities or analytical method limitations. Interpretation and use of results are the responsibility of the client. Regulated asbestos includes the 6 Federally regulated types: Chrysotile, Amosite, Crocidolite, Actinolite, Tremolite, Anthophyllite. Other minerals can include: Libby Amphibole, Erionite, and other Non-regulated minerals.