OrderID: 041910543

Asbestos Chain of Custody

EMSL Order Number (*Lab Use Only*): 041910543

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL ANALYTICAL, INC.
5221 MILITIA HILL ROAD
PLYMOUTH MEETING, PA 19462
PHONE (610) 828-3102
FAX: (610) 828-3122

RECEIVED
EMSL
CINNAMINSON, N.J.
2019 APR 19 P 2:31

Company Name: PA Dept. of Environmental Protection		**EMSL Customer ID:**	
Street: 5 W. Laurel Blvd		**City:**	**State/Province:**
Zip/Postal Code: 17901	**Country:** US	**Telephone #:** 570-274-2464	**Fax #:**
Report To (Name): Gary Latsha		**Please Provide Results:** ☐ Fax ☐ Email	
Email Address: galatsha@pa.gov		**Purchase Order:** Request # 155410	
Project Name/Number: Rockhill Quarry		**EMSL Project ID** (*Internal Use Only*):	
U.S. State Samples Taken: PA		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

EMSL-Bill to: ☒ Same ☐ Different - If Bill to is Different note instructions in Comments**
Third Party Billing requires written authorization from third party

Turnaround Time (TAT) Options* -- Please Check

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

*For TEM Air 3 hr through 6 hr, please call ahead to schedule.*There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air ☐ Check if samples are from NY
☐ NIOSH 7400
☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
☐ PLM EPA 600/R-93/116 (<1%)
☐ PLM EPA NOB (<1%)
Point Count
☐ 400 (<0.25%) ☐ 1000 (<0.1%)
Point Count w/Gravimetric
☐ 400 (<0.25%) ☐ 1000 (<0.1%)
☐ NYS 198.1 (friable in NY)
☐ NYS 198.6 NOB (non-friable-NY)
☐ NYS 198.8 SOF-V
☐ NIOSH 9002 (<1%)

TEM – Air ☐ **4-4.5hr TAT** (AHERA only)
☐ AHERA 40 CFR, Part 763
☐ NIOSH 7402
☐ EPA Level II
☐ ISO 10312

TEM - Bulk
☐ TEM EPA NOB
☐ NYS NOB 198.4 (non-friable-NY)
☐ Chatfield SOP
☐ TEM Mass Analysis-EPA 600 sec. 2.5

TEM – Water: EPA 100.2
Fibers >10µm ☐ Waste ☒ Drinking
All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Dust
☐ Microvac - ASTM D 5755
☐ Wipe - ASTM D6480
☐ Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite
☐ PLM EPA 600/R-93/116 with milling prep (<1%)
☐ PLM EPA 600/R-93/116 with milling prep (<0.25%)
☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)
☐ TEM Qualitative via Filtration Prep
☐ TEM Qualitative via Drop Mount Prep
☐ Cincinnati Method EPA-600/R-04/004 – PLM/TEM (BC only)

Other:
☐

☐ **Check For Positive Stop -- Clearly Identify Homogenous Group**

Filter Pore Size (Air Samples): ☐ 0.8µm ☐ 0.45µm

Samplers Name:

Samplers Signature:

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
Sample 1	collected from outfall 001	500 mL	4/18/19 0944
Sample 6	collected from sed trap 1	500 mL	4/18/19 1105

Client Sample # (s):

Total # of Samples: 2

Relinquished (Client): Amiee Bollinger **Date:** 4/19/19 **Time:** 0927

Received (Lab): Meredith Newlon **Date:** 4/19/19 **Time:** 9:27 AM

Comments/Special Instructions: Corin 4-19-19 2:40pm

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Controlled Document – Asbestos COC – R10 – 05/09/2016

11.6oc

EMSL Analytical, Inc.
200 Route 130 North Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
http://www.EMSL.com / cinnasblab@EMSL.com

EMSL Order ID: 041910543
Customer ID: PADP42
Customer PO: Request #155410
Project ID:

Attn: Gary Latsha
PA Dept of Environmental Protection
5 Laurel Blvd.
Pottsville, PA 17901

Phone: (570) 274-2464
Fax:
Received: 04/19/2019
Analyzed: 05/02/2019

Proj: Rockhill Quarry

Test Report: Determination of Asbestos Structures >10µm in Drinking Water Performed by the 100.2 Method (EPA 600/R-94/134)

Sample ID / Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm²)	Area Analyzed (mm²)	ASBESTOS: Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits
								MFL (million fibers per liter)	
Sample 1 041910543-0001	4/19/2019 02:30 PM	5	1360	2.5600	None Detected	ND	0.11	<0.11	0.00 - 0.39
Collection Date/Time:	*04/18/2019*								
Due to excessive particulate the analytical sensitivity of 0.2 MFL as required by the method was not reached.									
Sample 6 041910543-0002	4/19/2019 02:30 PM	0.50	1360	0.2560	None Detected	ND	11.00	<11.00	0.00 - 39.00
Collection Date/Time:	*04/18/2019*								
Due to excessive particulate the analytical sensitivity of 0.2 MFL as required by the method was not reached.									

Analyst(s)
Debbie Little (2)

Benjamin Ellis, Laboratory Manager
or Other Approved Signatory

Any questions please contact Benjamin Ellis.

Initial report from: 05/02/2019 19:39:11