From: Thomas, Craig <thomas.craig@epa.gov>
Sent: Monday, June 15, 2020 3:20 PM
To: Vernon, Portrice <vernon.portrice@epa.gov>
Subject: FW: EMSL report, COC for order(s) 041627348 (041627348 - Intermet / Wagner / 103X90260001S051606403)

From: Renner, Cordell <Cordell.Renner@tetratech.com>
Sent: Thursday, October 06, 2016 11:10 AM
To: Thomas, Craig <thomas.craig@epa.gov>
Subject: FW: EMSL report, COC for order(s) 041627348 (041627348 - Intermet / Wagner / 103X90260001S051606403)

Cordell C. Renner | Environmental Scientist
1S. Wacker Drive | Chicago, Illinois 60606 | www.tetratech.com
Direct: 312.201.7759 | Cell: 847.913.2904

Think Green - Not every email needs to be printed

From: EMSL (Cinnaminson) [mailto:cinnasblab@EMSL.com]
Sent: Tuesday, October 04, 2016 10:37 AM
To: Renner, Cordell <Cordell.Renner@tetratech.com>
Subject: EMSL report, COC for order(s) 041627348 (041627348 - Intermet / Wagner / 103X90260001S051606403)

Report, COC for order(s):
041627348 - Intermet / Wagner / 103X90260001S051606403

Please tell us how we are doing.

Click here to fill out our Customer Survey

EMSL Analytical, Inc. | 200 Route 130 North | Cinnaminson, NJ 08077
Phone: 856-858-4800 | Fax: 856-786-5974 | Toll Free: 800-220-3675
Lab Hours: Mon-Friday 7AM-10PM, Saturday 8AM-5PM, Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:
LABConnect | Order Products | Client Corner | Training | Additional Resources | Sampling Videos

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"This email may contain privileged and confidential information and is solely for the use of the sender's intended recipient(s). **If you are not the intended recipient of this communication, you are hereby notified that any unauthorized review, use, dissemination, distribution, downloading, or copying of this communication is strictly prohibited.** If you received this email in error, please notify the sender by reply email and delete all copies and attachments. Thank you."

OrderID: 041627348

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(Lab Use Only)*: 041627348

EMSL ANALYTICAL, INC
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (856) 858-4800
FAX: (856) 858-4960

Company : Tetra Tech	**EMSL-Bill to:** ☒ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 1275 E. Sangamon St.	
City: Decatur Chicago **State/Province: IL**	**Zip/Postal Code: 62521** **Country: United States**
Report To (Name): Cordell Renner	**Fax #:**
Telephone #: (847)-913-2904	**Email Address: cordell.renner@tetratech.com**
Project Name/Number: INTERMET/WAGNER / 103X9026 0001 S05 1606403	
Please Provide Results: ☐ Fax ☒ Email	**Purchase Order:** **U.S. State Samples Taken: Illinois**

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
- ☐ NIOSH 7400 11
- ☐ 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%) 1
- ☐ NYS 198.1 (friable in NY)
- ☐ NYS 198.6 NOB (non-friable-NY)
- ☐ 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 EPA/Milling Level B 0.1%

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 CARB 435 - A (0.25% sensitivity)
- ☐ PLM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - C (0.01% sensitivity)
- ☐ EPA Protocol (Semi-Quantitative)
- ☐ EPA Protocol (Quantitative)

Other:
- ☐

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

Samplers Name: Karl Schultz **Samplers Signature:**

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	IW-EB-001	-	9/28/16
2	IW-EB-002	-	9/28/16
3	IW-FB-092816 ✓	-	9/28/16
4	IW-AS-001-092816 ✓	4888.02	9/28/16 / 1700
5	IW-AS-002-092816 ✓	3571.13	9/28/16 / 1625
6	IW-AS-003-092816 ✓	4434.24	9/28/16 / 1649
7	IW-AS-004-092816 ✓	4439.68	9/28/16 / 1656
8	IW-FB-092916	-	9/29/16

Client Sample # (s): **Total # of Samples:** 12

Relinquished (Client): Karl Schultz Karl Schultz **Date:** 09/30/16 **Time:** 1700

Received (Lab): PW FX **Date:** 10/1/16 **Time:** 11:50

Comments/Special Instructions:
11 AHERA
1 TEM EPA/Milling Level B 0.1%

Controlled Document – Asbestos COC – R2 – 1/12/2010

PAGE 1 OF 2 PAGES

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(Lab Use Only)*:

041627348

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (856) 858-4800
FAX: (856) 858-4960

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

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
9	IW-AS-004-092916	5161.20	9/29/16 / 1606
10	IW-FB-093016	-	9/30/16
11	IW-AS-004-093016	5400.70	9/30/16 /
12	IW-BA-15		9/30/16 / 1300

RECEIVED
CINNAMINSON, N.J.
2016 OCT -1 P 12:12

***Comments/Special Instructions:**

IW-BA-15 COULD POTENTIALLY BE FIRE BRICK.

Page 2 of 2 pages

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

Attn: *Cordell Renner*
Tetra Tech, Inc.
1275 E. Sangsmon Street
Chicago, IL 62521
Phone: 847-913-2904
Fax: N/A
Project: **Intermet/ Wagner/ 103X90260001S051606403**

Customer ID: TEHC25
Customer PO: N/A
Received: 10/1/16 11:50 AM
EMSL Order: 041627348
Analysis Date: 10/3/2016
Report Date: **10/4/2016**

TEM CARB 435 Level: B (0.1%)

Asbestos Analysis via Modified EPA 600/R-93/ 116 method Utilizing Analytical Electron Microscopy (Section 2.5.5.2) with CARB 435 Prep (Milling) in Bulk

Client Sample ID / ***EMSL Sample ID***	*Location*	*Mineral Type(s)*	*# of Structures Detected*	*Analytical Sensitivity %*	*Asbestos Weight %*	*Comments*
12 / ***041627348-0007***	*lw-Ba-15*	No Asbestos Detected		0.1	< 0.1	

W. Froehlich
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

TEM CARB Spreadsheet Version: 4.1

This is the Last Page of the Report