

Fax Cover

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Fax Transmission

Civil & Environmental Consultants, Inc. (CEC) L-9
333 Baldwin Road
Pittsburgh, PA 15205-9702
Telephone: 412-429-2324
Toll Free: 800-365-2324
Fax: 412-429-2114

PLEASE DELIVER TO: Marjorie McLaughlinFROM: Andrew LombardoNUMBER OF PAGES, INCLUDING COVER: 7SENT BY: _____ DATE: 2/21/2005 TIME: _____ PROJECT NO.

PLEASE CALL IF ALL PAGES INDICATED ARE NOT RECEIVED. THANK YOU.

MESSAGE:

*Sorry so late, here are the smear sample gross alpha/beta analytical results
you requested. If you have any questions please give me a call.*

Andy Lombardo

FAX NUMBER: 610-337-5269 HARD COPY TO FOLLOW _____

TRANSMITTED _____

Chicago	Cincinnati	Columbus	Export	Indianapolis	Nashville	Pittsburgh	St. Louis
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135982
NMSS/RGNI MATERIALS-002



Pace Analytical™
www.pacelabs.com

Pace Analytical Services, Inc.
Waltz Mill Laboratory - MB62
P.O. Box 158
Madison, PA 15663
Phone: 724.722.5407
Fax: 724.722.5208

August 3, 2004

Mr. John Pichi
American Waste Management Services, Inc
One American Way
Warren, OH 44484-5555

Filter Characterization
Shanopin Mine Complex
Pace Project No. 04-1025

L-9
37-30206-01
03033783

Dear Mr. Pichi:

Enclosed are analytical results for samples submitted by American Waste Management Services, Inc. Samples were received and logged in for analysis on July 30, 2004.

Methods used are indicated on the attached data tables. Appropriate quality assurance/quality control analyses were performed in accordance with Pace, Waltz Mill Site Quality Assurance Plan. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. If you have any questions, please call me at 724-722-5219.

Sincerely,



Richard M. Kinney
Radiochemistry Laboratory Supervisor

RMK:jac

Enclosures

cc: Ellen Jakub

REPORT OF LABORATORY ANALYSIS

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PACE ANALYTICAL SERVICES, INC.
CASE NARRATIVE

I. PROJECT LOGIN INFORMATION:

A. PROJECT NUMBERS:

PACE: 04-1025
CLIENT: Shandon Mine Complex

B. SAMPLE IDENTIFICATIONS:

Pace ID	Client ID	Pace ID	Client ID
0407-0584	S/N M1814	0407-0585	S/N B1807

C. SHIPPING/RECEIVING COMMENTS:

None

II. PREPARATION/ANALYSIS COMMENTS:

A. RADIOLOGICAL:

NONE

III. GENERAL COMMENTS:

Trailing zeroes and decimal places appearing on the data should not be interpreted as precision of the analytical procedure, but rather as a result of reporting format.

Sample(s) analyzed and reported on an as-received basis.

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Table 1
General Data Table
American Waste Management Services, Inc.
Paca Project No. 04-1025
Filter Characterization; Shanopin Mine Complex

Sample received on 07/30/04

Parameter	Analytical Method	Analyst	Analysis Date	Units	Sample Identification
					Act ± Unc (MDC)
Gross Alpha	EPA 900.0	SPG	08/03/04	dpm/filter	0.014 ± 0.104 (0.300)
Gross Beta	EPA 900.0	SPG	08/03/04	dpm/filter	-0.006 ± 0.154 (0.401)

Act=Activity

Unc=counting error at the 95% confidence level, 1.96 sigma

(MDC)=the associated Minimum Detectable Concentration

02/21/05 MON 10:21 FAX
02/18/05 SAT 21:10 FAX 17243275280
02/25/2004 12:00 FAX 17243275280

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Table 2
General Data Table
American Waste Management Services, Inc.
Pace Project No. 04-1025
Filter Characterization; Shanopin Mine Complex

Sample received on 07/30/04

Parameter	Analytical Method	Analyst	Analysis Date	Units	Sample Identification
					Act ± Unc (MDC)
Gross Alpha	EPA 900.0	SPG	08/03/04	dpm/filter	0.046 ± 0.169 (0.431)
Gross Beta	EPA 900.0	SPG	08/03/04	dpm/filter	0.222 ± 0.219 (0.457)

Act=Activity

Unc=counting error at the 95% confidence level, 1.96 sigma

(MDC)=the associated Minimum Detectable Concentration

02/21/05 MON 10:21 FAX
02/18/05 SAT 2:11 FAX
08/03/2004 15:05 724-722-5208

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Table 3
General Data Table
American Waste Management Services, Inc.
Pace Project No. 04-1025
Filter Characterization; Shanopin Mine Complex

Sample received on 07/30/04

Parameter	Analytical Method	Analyst	Analysis Date	Units	Sample Identification
					Act ± Unc (MDC)
Gross Alpha	EPA 900.0	SPG	08/03/04	dpm/filter	-0.034 ± 0.064 (0.289)
Gross Beta	EPA 900.0	SPG	08/03/04	dpm/filter	-0.064 ± 0.161 (0.445)

Act=Activity

Unc=counting error at the 95% confidence level, 1.96 sigma

(MDC)=the associated Minimum Detectable Concentration

02/21/05 MON 10:22 FAX
02/19/05 SAT 21:11 FAX 17243275280
05/03/2004 10:00 FAX 17243275280

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Pace Analytical, Waltz Mill Laboratory Chain of Custody/Analytical Request Record

SHANOPIN MINE Complex (Coal Prep)

Requested by: Ellen JAKUB Egg Requested Date: 7/30/04 1:35

Received by: Michael D. Schupp Received Date: 7/30/04

Sample ID: 04-1025

Remarks: 7/30/04

Pace Analytical
www.paceanalytical.com

Shipping Address:
Pace Analytical Services, Inc.
c/o Westinghouse Electric Company
Box 64
U.S. Interstate Rt. 70W
Madison, PA 15883
724-722-9214
724-722-9216 (fax)

Sample Information:

DATE	TIME	DESCRIPTION	TESTS	RESULTS
7/30	1100	Smear		
7/30	1115	Smear		
		Method Blank		

Client: CEC

Project: 04-1025

Capital Lab List:

Lab	Instrument
1	Bohlin, 1L poly
2	Bohlin, 500ml poly
3	Bohlin, 100ml poly
4	Bohlin, 100ml poly
5	Bohlin, 100ml poly
6	Bohlin, 100ml poly
7	Bohlin, 100ml poly
8	Bohlin, 100ml poly
9	Bohlin, 100ml poly
10	Bohlin, 100ml poly

ITEM NO.	DATE	TIME	DESCRIPTION	TESTS	RESULTS
1	7/30	1100	Smear		
2	7/30	1115	Smear		
3			Method Blank		
4					
5					
6					
7					
8					
9					
10					

Special Instructions:

Other Remarks:

Client Requested Retention (ACCR 30/7/04) - 1 request? ☐

Site Retention requested? ☐

Lab disposal request? ☐

Sample Disposition:

Return to Client ☐

Destroy by Pace ☒

Archive at 11/29/04 ☐

Requested by: John Piche

Copy to: Ellen JAKUB

Invoice to: AWMS

Report due date: 7/30/04

Client Agent Acceptance: Michael D. Schupp

Date: 7/30/04

Fields 8, 9 and 10 to be completed ONLY by laboratory personnel. All other fields are REQUIRED to be completed by client. All requests beyond the scope of this Chain of Custody/Analytical Request Record MUST be indicated in field 7 - special instructions. Client (representative/agent) and PACE agent signatures indicate acceptance of terms and conditions of this record and the mutually agreed upon report due date as indicated above.