No CBI

August 29, 2012

Service Request No: J1203904

Chris Bean
Waste Management, Incorporated
8611 Covel Road
San Antonio, TX 78252

Laboratory Results for: Waste Management

Dear Chris:

Enclosed are the results of the sample(s) submitted to our laboratory on August 15, 2012. For your reference, these analyses have been assigned our service request number **J1203904**.

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. In accordance to the NELAC 2003 Standard, a statement on the estimated uncertainty of measurement of any quantitative analysis will be supplied upon request.

Please contact me if you have any questions. My extension is 4410. You may also contact me via email at Jerry.Allen@alsglobal.com.

Respectfully submitted,

Columbia Analytical Services, Inc. dba ALS Environmental

Jerry Allen
Project Manager

Client: Waste Management, Incorporated
Project: Waste Management

Service Request: J1203904

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
J1203904-001	7/27/12 Light	7/27/12	00:00
J1203904-002	7/31/12 Light	7/31/12	00:00
J1203904-003	8/2/12 Medium	8/2/12	00:00
J1203904-004	8/2/12 Medium Light	8/2/12	00:00
J1203904-005	7/26/12 Medium Light	7/26/12	00:00
J1203904-006	8/1/12 Light	8/1/12	00:00
J1203904-007	7/26/12 Medium	7/26/12	00:00
J1203904-008	7/26/12 Lights	7/26/12	00:00
J1203904-009	7/27/12 Medium	7/27/12	00:00
J1203904-010	7/27/12 Medium Light	7/27/12	00:00
J1203904-011	7/31/12 Medium Light	7/31/12	00:00
J1203904-012	8/2/12 Lights	8/2/12	00:00
J1203904-013	8/1/12 Medium Light	8/1/12	00:00
J1203904-014	8/1/12 Medium	8/1/12	00:00
J1203904-015	7/31/12 Medium	7/31/12	00:00

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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

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SR # J1203904
CAS Contact

Project Name: Waste Management
Project Number:
Project Manager: Jerry Allen
Email Address: Jallen@caslab.com
Company/Address: 611 Coal Rd San Antonio TX 78202
Phone #: 210-441-0008
FAX#:
Sampler's Signature: C. Bean
Sampler's Printed Name: C. Bean

ANALYSIS REQUESTED (Include Method Number [redacted]

PRESERVATIVE

NUMBER OF CONTAINERS

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	BTU WET	BTU DRY	REMARKS/ ALTERNATE DESCRIPTION
7/27/12 Light		7/27/12			✓	✓	
7/31/12 Light		7/31/12			✓	✓	
8/2/12 medium		8/2/12			✓	✓	
8/2/12 medium light		8/2/12			✓	✓	
7/26/12 medium light		7/26/12			✓	✓	
8/1/12 Light		8/1/12			✓	✓	
7/26/12 medium		7/26/12			✓	✓	
7/26/12 lights		7/26/12			✓	✓	
7/27/12 medium		7/27/12			✓	✓	
7/27/12 medium light		7/27/12			✓	✓	

2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other ____

SPECIAL INSTRUCTIONS/COMMENTS

See QAPP ☐

TURNAROUND REQUIREMENTS
RUSH (SURCHARGES APPLY)
STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
____ I. Results Only
II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
V Data Validation Report with Raw Data
V. Specialized Forms, Custom Report
Edata Yes No

INVOICE INFORMATION
PO#
BILL TO:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Chris Bean	Signature: Shawn Lightsey	Signature	Signature	Signature	Signature
Printed Name: Waste Management	Printed Name: AIS	Printed Name	Printed Name	Printed Name	Printed Name
Firm: 8/14/12 1500	Firm: 8/15/12 1405	Firm	Firm	Firm	Firm
Date/Time	Date/Time	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White Return to Originator Yellow - Lab Copy, Pink Retained by Client

JSCOC-01/29/08

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SR # J1203904
CAS Contact

Project Name	Project Number
Project Manager	Email Address
Company/Address	
Phone #	FAX#
Sampler's Signature	Sampler's Printed Name

ANALYSIS REQUESTED (Include Method Number [redacted]

PRESERVATIVE

1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	BTU Wet	BTU Dry	REMARKS/ ALTERNATE DESCRIPTION
7-31/12 medium light		7-31-12			✓	✓	✓	
8/2/12 lights		8/2/12			✓	✓	✓	
8/1/12 medium light		8/1/12			✓	✓	✓	
8/1/12 medium		8/1/12			✓	✓	✓	
7/31/12 medium		7/31/12			✓	✓	✓	

SPECIAL INSTRUCTIONS/COMMENTS

See QAPP ☐

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
____ I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data
____ V. Speicalized Forms / Custom Report
Edata ____ Yes ____ No

INVOICE INFORMATION
PO#
BILL TO:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	Signature Shawn Lightsey	Signature	Signature	Signature	Signature
Printed Name	Printed Name Shawn Lightsey	Printed Name	Printed Name	Printed Name	Printed Name
Firm	Firm GCS	Firm	Firm	Firm	Firm
Date/Time	Date/Time 8/15/12 1405	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Lab Copy Pink - Retained by Client

JSCOC-01/29/08

SAMPLE DATE	SAMPLE ID	SAMPLE # J1203904-	D3175 MOISTURE (WT%)	GROSS HEATING VALUE D5865 AS RECEIVED (BTU/#)	GROSS HEATING VALUE D5865 MOISTURE FREE (BTU/#)
Medium Weight-Principally Fiber					
7/26/2012	MEDIUM	007	24.44	6337	8086
7/27/2012	MEDIUM	009	26.6	6881	9376
7/31/2012	MEDIUM	015	19.98	9450	11,810
8/1/2012	MEDIUM	014	18.64	8142	10,007
8/2/2012	MEDIUM	003	31.65	5710	8354
Medium-Light Weight-Fiber/Plastic-Principally Fiber					
7/26/2012	MEDIUM-LIGHT	005	23.37	6713	8760
7/27/2012	MEDIUM-LIGHT	010	25.12	7199	9614
7/31/2012	MEDIUM-LIGHT	011	20.36	6417	8058
8/1/2012	MEDIUM-LIGHT	013	34.95	5116	7865
8/2/2012	MEDIUM-LIGHT	004	39.51	4935	8159
Light Weight-Principally Plastics					
7/26/2012	LIGHT	008	19.08	6864	8482
7/27/2012	LIGHT	001	23.44	8498	11,099
7/31/2012	LIGHT	002	25.36	8212	11,003
8/1/2012	LIGHT	006	24.5	6439	8528
8/2/2012	LIGHT	012	37.39	5282	8437