



April 21, 2011

Russell Henderson
Oneida Total Integrated Enterprises
1220 Kennestone Circle
Marietta GA 30066

TEL: (678) 355-5550
FAX: (414) 257-2492

RE: Smokey Mountain Smelters

Dear Russell Henderson:

Order No: 1104B73

Analytical Environmental Services, Inc. received 5 samples on 4/14/2011 3:35:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/10-06/30/11.
- AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/11.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Alysse Kowalski
Project Manager

1104573

570

CHAIN-OF-CUSTODY RECORD

<p>1 PROJECT NAME: Smoky Mountain Smelters</p> <p>2 PROJECT PHASE/SITE/TASK: 1278</p> <p>3 PROJECT CONTACT: Russell Henderson</p>										<p>4 LAB NAME AND CONTACT: Alyse Kowalski</p> <p>5 LAB PO NUMBER: 2005148</p> <p>6 CTO OR DO NUMBER: 1278</p> <p>7 PROJECT TEL NO AND FAX NO: 2005148-1278</p> <p>8 PROJECT TEL NO AND FAX NO: 678-255-6156</p>										<p>9 FAX AND MAIL REPORTS/EDD TO: RECIPIENT 1 (Address, Tel No., and Fax No.):</p> <p>10 FAX AND MAIL REPORTS/EDD TO: RECIPIENT 2 (Address, Tel No., and Fax No.):</p> <p>11 FAX AND MAIL REPORTS/EDD TO: RECIPIENT 3 (Address, Tel No., and Fax No.):</p>										<p>12 COC NUMBER:</p>									
17 ITEM	18 SAMPLE IDENTIFIER	19 SAMPLE DESCRIPTION/LOCATION	20 MATRIX (see codes on SOP)	21 DATE COLLECTED	22 TIME COLLECTED	23 DATA PKG LEVEL (see codes on SOP)	24 TAT (calendar days)	Total Arsenic	Total Lead	25 ANALYSES REQUIRED (Include Method Numbers)	26 SAMPLE TYPE (see codes on SOP)	27 COMMENTS/SCREENING READINGS	28 LAB ID (for lab's use)																										
1	SMS-RR-001	Possible lead paint area 1	S	04/05/11	11:30	II	Standard	X	X																														
2	SMS-RR-002	Possible lead paint area 2	S	04/05/11	12:00	II	Standard	X	X																														
3	SMS-RR-003	Possible lead paint area 3	S	04/05/11	12:30	II	Standard	X	X																														
4	SMS-RR-004	Possible lead paint area 4	S	04/05/11	13:00	II	Standard	X	X																														
5	SMS-RR-005	Possible lead paint area 5	S	04/05/11	13:30	II	Standard	X	X																														
6																																							
10																																							
<p>29 SAMPLE(S) AND COMPANY: (please print) Jorge Sanchez</p> <p>30 RELINQUISHED BY: Jorge Sanchez</p> <p>31 SAMPLES TEMPERATURE AND CONDITION UPON RECEIPT (for lab's use):</p>																																							
<p>Printed Name and Signature: Dannna Beaman</p>				<p>DATE: 4/14/11</p>				<p>TIME: 15:35</p>				<p>32 RECEIVED BY: [Signature]</p>	<p>DATE: 4/14/11</p>	<p>TIME: 3:30</p>																									
<p>Printed Name and Signature: Dannna Beaman</p>												<p>Printed Name and Signature: [Signature]</p>	<p>DATE: 4/14/11</p>	<p>TIME: 6:30</p>																									
<p>Printed Name and Signature: [Signature]</p>												<p>Printed Name and Signature: [Signature]</p>																											

Distribution: [] Original - Laboratory (To be returned with Analytical Report); [] Copy 1 - Project File; [] Copy 2 - PMO

Client: Oneida Total Integrated Enterprises

Project: Smokey Mountain Smelters

Lab ID: 1104B73

Case Narrative

Analysis of moisture content was not applicable to samples 1104B73-001, -002, -003, and -004 due to sample matrix.

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client OTIE

Work Order Number 1104873

Checklist completed by [Signature] Date 4/14/11 / 4/15/11

Carrier name: FedEx UPS Courier Client US Mail Other

Shipping container/cooler in good condition? Yes No Not Present

Custody seals intact on shipping container/cooler? Yes No Not Present

Custody seals intact on sample bottles? Yes No Not Present

Container/Temp Blank temperature in compliance? (4°C±2)* Yes No

Cooler #1 3.9 Cooler #2 Cooler #3 Cooler #4 Cooler #5 Cooler #6

Chain of custody present? Yes No

Chain of custody signed when relinquished and received? Yes No

Chain of custody agrees with sample labels? Yes No

Samples in proper container/bottle? Yes No

Sample containers intact? Yes No

Sufficient sample volume for indicated test? Yes No

All samples received within holding time? Yes No

Was TAT marked on the COC? Yes No

Proceed with Standard TAT as per project history? Yes No Not Applicable

Water - VOA vials have zero headspace? No VOA vials submitted Yes No

Water - pH acceptable upon receipt? Yes No Not Applicable

Adjusted? Checked by

Sample Condition: Good Other(Explain)

(For diffusive samples or AIHA lead) Is a known blank included? Yes No

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Client: Oneida Total Integrated Enterprises
Project Name: Smokey Mountain Smelters
Workorder: 1104B73

ANALYTICAL QC SUMMARY REPORT

BatchID: 145089

Sample ID: MB-145089	Client ID:	Units: mg/Kg	Prep Date: 04/18/2011	Run No: 195052							
SampleType: MBLK	TestCode: METALS, TOTAL SW6010C	BatchID: 145089	Analysis Date: 04/19/2011	Seq No: 4071176							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	5.00	0	0	0	0	0	0	0	0	
Lead	BRL	5.00	0	0	0	0	0	0	0	0	

Sample ID: LCS-145089	Client ID:	Units: mg/Kg	Prep Date: 04/18/2011	Run No: 195052							
SampleType: LCS	TestCode: METALS, TOTAL SW6010C	BatchID: 145089	Analysis Date: 04/18/2011	Seq No: 4070827							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	46.71	5.00	50	0	93.4	80	120	0	0	0	
Lead	45.89	5.00	50	0	91.8	80	120	0	0	0	

Sample ID: 1104B10-001AMS	Client ID:	Units: mg/Kg-dry	Prep Date: 04/18/2011	Run No: 195052							
SampleType: MS	TestCode: METALS, TOTAL SW6010C	BatchID: 145089	Analysis Date: 04/18/2011	Seq No: 4070830							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead	35.97	4.56	45.64	12.24	52	75	125	0	0	0	S
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Sample ID: 1104B10-001AMS	Client ID:	Units: mg/Kg-dry	Prep Date: 04/18/2011	Run No: 195052							
SampleType: MS	TestCode: METALS, TOTAL SW6010C	BatchID: 145089	Analysis Date: 04/19/2011	Seq No: 4071870							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	36.70	4.56	45.64	0	80.4	75	125	0	0	0	
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Sample ID: 1104B10-001AMSD	Client ID:	Units: mg/Kg-dry	Prep Date: 04/18/2011	Run No: 195052							
SampleType: MSD	TestCode: METALS, TOTAL SW6010C	BatchID: 145089	Analysis Date: 04/18/2011	Seq No: 4070831							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead	35.30	4.59	45.88	12.24	50.3	75	125	35.97	1.87	20	S
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Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Oneida Total Integrated Enterprises
 Project Name: Smokey Mountain Smelters
 Workorder: 1104B73

ANALYTICAL QC SUMMARY REPORT

BatchID: 145089

Sample ID: 1104B10-001AMSD	Client ID:	Units: mg/Kg-dry	Prep Date: 04/18/2011	Run No: 195052							
SampleType: MSD	TestCode: METALS, TOTAL SW6010C	BatchID: 145089	Analysis Date: 04/19/2011	Seq No: 4071837							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	48.64	18.4	45.88	10.26	83.6	75	125	48.41	0.47	20	
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Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		