



May 22, 2013

Mr. Keith Sheedy
 Texas Commission on Environmental Quality
 Remediation Division
 P.O. Box 13087
 MC-122
 Austin, Texas 78711-3087

RE: Submittal of Site Monitoring and Quality Assurance Data for May 16, 2013
 Exide Technologies Frisco Recycling Center
 Frisco, Texas
 IHW 50206, SWR No. 30516, RN100218643

Dear Mr. Sheedy:

With this letter, W&M Environmental Group, Inc. (W&M) is submitting a summary of air monitoring data related to Site activities at the Exide Technologies Frisco Recycling Center located in Frisco, Texas pursuant to Section 5.0 of the *Perimeter Air Monitoring Plan - Facility Demolition* dated February 20, 2013 and/or Section 5.0 of the *Perimeter Air Monitoring Plan for Response Actions at Class 2 Non-Hazardous Waste Landfill* (dated January 31, 2013, revised March 1, 2013).

This submittal is for data collected or received for work on **Thursday, May 16, 2013**. Site activities being conducted during this reporting period are noted below:

<input checked="" type="checkbox"/>	Decontamination	<input checked="" type="checkbox"/>	Facility Demolition	<input type="checkbox"/>	Landfill Remediation
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The following Worksheets, Data Sheets or Reports are included within this submittal:

		Description	Details	Remarks
<input checked="" type="checkbox"/>	A	Daily Summary Report	Real-time particulate monitoring, wind speed & direction	1
<input checked="" type="checkbox"/>	B	Take Action/Stop Work Notifications	Response actions taken due to high wind, shift in wind direction, elevated real-time particulate readings	
<input checked="" type="checkbox"/>	C	Field Data Sheet – E-BAMs	E-BAM particulate monitoring (PM) positions and locations	
<input checked="" type="checkbox"/>	D	Field Data Sheet – Low Vols	Details for low-volume samples for Pd/Cd	
<input checked="" type="checkbox"/>	E	Analytical Report – Metals Analysis	Laboratory Data Report for Pb/Cd in air samples	
<input type="checkbox"/>	F	Updated Table 1	Re-calculated Action Levels based upon actual PM, Pb and Cd data	

Remark No.	Comments
1	Note that no Landfill Remediation work was performed on this date.

W&M has reviewed the information in relation to the quality assurance requirements outlined in the *Perimeter Air Monitoring Work Plans*, and the data meets the project QA requirements.

If you have any questions or require additional information, please do not hesitate to call me at 972-509-9610.

Very truly yours,
W&M ENVIRONMENTAL GROUP, INC.



Patrick Johnson, P.E.
Senior Consultant

cc: Vanessa Coleman – Exide Technologies, Inc.
Aileen Hooks, Jennifer Keane - Baker Botts LLC
Grant Sherwood, Dan Roth - Remediation Services, Inc.
Tim Nickels - Pastor Behling & Wheeler, LLC

DAILY SUMMARY REPORTS

ATTACHMENT A

Daily Summary Report
Real-Time Particulate Monitoring Data
Exide Technologies - Frisco, Texas

☒ Facility Decontamination ☒ Demolition ○ Landfill Remediation

Date	Time Interval (30-min blocks)	E-BAM G4729	E-BAM F5001	E-BAM E3363	E-BAM G4607	E-BAM G4606	E-BAM G4604	E-BAM G4527	Wind Direction (30-min avg from N)	Wind Speed (30-min avg mph)
		30-min avg (mg/m ³)	30-min avg (mg/m ³)	30-min avg (mg/m ³)	30-min avg (mg/m ³)	30-min avg (mg/m ³)	30-min avg (mg/m ³)	30-min avg (mg/m ³)		
		Upwind	Downwind	Downwind	Downwind	Downwind	Downwind	Downwind		
5/16/2013	07:00-07:29	0.024	0.007	0.020	0.024			0.005	173	10.1
	07:30-07:59	0.016	0.004	0.023	0.008			0.008	180	8.5
	08:00-08:29	0.027	0.027	0.033	0.012			0.006	175	9.2
	08:30-08:59	0.006	0.009	0.016	0.008			0.015	171	9.5
	09:00-09:29	0.031	0.017	0.025	0.015			0.016	177	9.9
	09:30-09:59	0.028	0.017	0.034	0.018			0.017	177	11.6
	10:00-10:29	0.019	0.022	0.037	0.016			0.020	179	12.7
	10:30-10:59	0.014	0.024	0.021	0.022			0.016	166	10.7
	11:00-11:29	0.060	0.034	0.029	0.012			0.001	169	12.9
	11:30-11:59	0.030	0.030	0.019	0.012			0.021	170	14.2
	12:00-12:29	0.024	0.016	0.015	0.015			0.025	173	15.1
	12:30-12:59	0.027	0.019	0.019	0.012			0.032	181	16.2
	13:00-13:29	0.022	0.020	0.035	0.029			0.036	193	13.5
	13:30-13:59	0.020	0.019	0.012	0.009			0.028	201	12.8
	14:00-14:29	0.021	0.024	0.025	0.013			0.039	189	10.8
	14:30-14:59	0.023	0.026	0.015	0.025			0.033	196	11.8
	15:00-15:29	0.027	0.023	0.026	0.046			0.031	188	10.8
	15:30-15:59	0.029	0.058	0.036	0.039			0.048	170	10.6
	16:00-16:29	0.017	0.032	0.014	0.025			0.026	170	9.7
16:30-16:59	0.031	0.040	0.037	0.036			0.042	160	10.1	
17:00-17:29	0.023	0.195	0.021	0.023			0.045	161	10.6	
17:30-17:59	0.025	0.031	0.027	0.039			0.036	150	9.6	
Daily Averages ----->		0.025	0.032	0.025	0.021			0.025	176	11.4

Notes:

- Data reported below 0 mg/m³ is considered to be zero concentration
- Blank data records indicate no data was transmitted for the given time interval
- Wind direction values are reported as the origin of the wind as referenced in degrees from North

**TAKE ACTION/STOP WORK
NOTIFICATIONS**

ATTACHMENT B

FIELD DATA SHEETS – E-BAMS

ATTACHMENT C

FIELD DATA SHEET
E-Bam Particulate Monitoring
 Remediation Services, Inc.

RSI Project No: 21252/21238 Exide, Frisco TX

Project Name: Facility Demolition/Decontamination

Technician Name J. Gellman Sampling Date 05.16.13

E-BAM SN	G4607	E-BAM SN	G4604	E-BAM SN	G4606	E-BAM SN	4527
Upwind		Upwind		Upwind		Upwind	
Downwind	X	Downwind		Downwind		Downwind	X
GPS LOCATION		GPS LOCATION		GPS LOCATION		GPS LOCATION	
Latitude	33.143272	Latitude		Latitude		Latitude	33.145513
Longitude	-96.831999	Longitude		Longitude		Longitude	-96.825585
EBAM PAIRED WITH LOW VOL PUMP?	YES	EBAM PAIRED WITH LOW VOL PUMP?		EBAM PAIRED WITH LOW VOL PUMP?		EBAM PAIRED WITH LOW VOL PUMP?	YES
START TIME:	7:00	START TIME:		START TIME:		START TIME:	7:00
END TIME:	17:59	END TIME:		END TIME:		END TIME:	17:59
E-BAM SN	E 3363	E-BAM SN	F5001	E-BAM SN	64729		
Upwind		Upwind		Upwind	X		
Downwind	X	Downwind	X	Downwind			
GPS LOCATION		GPS LOCATION		GPS LOCATION			
Latitude	33.144714	Latitude	33.145723	Latitude	33.135587		
Longitude	-96.831547	Longitude	-96.828437	Longitude	-96.825915		
EBAM PAIRED WITH LOW VOL PUMP?	YES	EBAM PAIRED WITH LOW VOL PUMP?	YES	EBAM PAIRED WITH LOW VOL PUMP?	YES		
START TIME:	7:00	START TIME:	7:00	START TIME:	7:00		
END TIME:	17:59	END TIME:	17:59	END TIME:	17:59		

Daily Working Times Summary
Exide Technologies
Frisco Texas

Date Work Performed: 05-16-13

Building Demolition Activities

Start Time	7:00	Stop Time	11:30
Start Time	12:30	Stop Time	12:44
Start Time	13:02	Stop Time	13:06
Start Time	13:25	Stop Time	16:46

Landfill Waste Stabilization Activities

Start Time	0	Stop Time	0
Start Time		Stop Time	
Start Time		Stop Time	
Start Time		Stop Time	

**FIELD DATA SHEETS –
LOW VOLUME SAMPLERS**

ATTACHMENT D

FIELD DATA SHEET
Low Volume Air Monitoring

Company: RSI	
Project:	Exide, Frisco TX
Project Number	21252/21238
Project Name (Demo, Landfill Stab, etc)	Demo/Decon
Technician Name:	J. Guilman

Pump No. 3014	2
Upwind	
Downwind	X
Sample ID #	EXDEMO130516DW363
E-Bar Number	E3363
Flow Rate: Start (L/min)	3.55L
Flow Rate: Stop (L/min)	3.41L
Avg Flow (L/min)	3.48L
Start time	6:45
End Time	16:51
Duration in minutes	606
Sample Volume (Liters)	2109L

Formulas	
Average Flow (L/min) = (Start + Stop) / 2	
Sample Volume(Liters) = Avg Flow (L/min) X Duration (min)	
Analysis	NIOSH 7303 Lead/Cadmium
Date Samples Collected: 05-16-13	

Pump No. 3016	5
Upwind	
Downwind	X
Sample ID #	EXDEMO130516DW729
E-Bar Number	64729
Flow Rate: Start (L/min)	4.12L
Flow Rate: Stop (L/min)	3.99L
Avg Flow (L/min)	4.055L
Start time	7:07
End Time	17:21
Duration in minutes	614
Sample Volume (Liters)	2490L

Pump No. 3013	1
Upwind	
Downwind	X
Sample ID #	EXDEMO130516DW607
E-Bar Number	64607
Flow Rate: Start (L/min)	3.63L
Flow Rate: Stop (L/min)	3.50L
Avg Flow (L/min)	3.565L
Start time	6:39
End Time	16:48
Duration in minutes	609
Sample Volume (Liters)	2171L

Pump No.	7
Upwind	
Downwind	
Sample ID #	
E-Bar Number	
Flow Rate: Start (L/min)	
Flow Rate: Stop (L/min)	
Avg Flow (L/min)	
Start time	
End Time	
Duration in minutes	
Sample Volume (Liters)	

Pump No. 3015	3
Upwind	
Downwind	X
Sample ID #	EXDEMO130516DW001
E-Bar Number	F5001
Flow Rate: Start (L/min)	3.59L
Flow Rate: Stop (L/min)	3.57L
Avg Flow (L/min)	3.58L
Start time	6:51
End Time	6:54
Duration in minutes	603
Sample Volume (Liters)	2159L

Pump No. 3020	4
Upwind	
Downwind	X
Sample ID #	EXDEMO130516DWS27
E-Bar Number	64527
Flow Rate: Start (L/min)	3.58L
Flow Rate: Stop (L/min)	3.62L
Avg Flow (L/min)	3.60L
Start time	6:58
End Time	16:56
Duration in minutes	598
Sample Volume (Liters)	2153L

Pump No.	6
Upwind	
Downwind	
Sample ID #	
E-Bar Number	
Flow Rate: Start (L/min)	
Flow Rate: Stop (L/min)	
Avg Flow (L/min)	
Start time	
End Time	
Duration in minutes	
Sample Volume (Liters)	

Field Blank (if collected) 1 - Per Week Required

Upwind	NA
Downwind	NA
Flow Rate	0
Sample ID #	

**ANALYTICAL DATA REPORTS –
METALS ANALYSIS**

ATTACHMENT E



ANALYTICAL REPORT

Report Date: May 20, 2013

Grant Sherwood
Remediation Services, Inc.
P.O. Box 587
2735 South 10th Street
Independence, KS 67301

Phone: (620) 331-1200
Fax: (620) 331-6216
E-mail: gsherwood@rsi-ks.com

Workorder: **34-1314001**
Client Project ID: 21252/Exide Frisco 052013
Purchase Order: 21252
Project Manager: Paul Pope

Analytical Results

Sample ID: EXDEMO 130516 DW607	Media: MCE Filter	Collected: 05/16/2013		
Lab ID: 1314001001	Sampling Location: Exide Frisco	Received: 05/20/2013		
Method: NIOSH 7300 Mod.	Sampling Parameter: Air Volume 2171 L	Prepared: 05/20/2013 Analyzed: 05/20/2013		
Analyte	ug/sample	ug/m ³	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.010	0.023	0.075
Lead	<0.38	<0.17	0.38	1.3

Sample ID: EXDEMO 130516 DW363	Media: MCE Filter	Collected: 05/16/2013		
Lab ID: 1314001002	Sampling Location: Exide Frisco	Received: 05/20/2013		
Method: NIOSH 7300 Mod.	Sampling Parameter: Air Volume 2109 L	Prepared: 05/20/2013 Analyzed: 05/20/2013		
Analyte	ug/sample	ug/m ³	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.011	0.023	0.075
Lead	<0.38	<0.18	0.38	1.3

Sample ID: EXDEMO 130516 DW001	Media: MCE Filter	Collected: 05/16/2013		
Lab ID: 1314001003	Sampling Location: Exide Frisco	Received: 05/20/2013		
Method: NIOSH 7300 Mod.	Sampling Parameter: Air Volume 2159 L	Prepared: 05/20/2013 Analyzed: 05/20/2013		
Analyte	ug/sample	ug/m ³	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.010	0.023	0.075
Lead	<0.38	<0.17	0.38	1.3

Sample ID: EXDEMO 130516 DW527	Media: MCE Filter	Collected: 05/16/2013		
Lab ID: 1314001004	Sampling Location: Exide Frisco	Received: 05/20/2013		
Method: NIOSH 7300 Mod.	Sampling Parameter: Air Volume 2153 L	Prepared: 05/20/2013 Analyzed: 05/20/2013		
Analyte	ug/sample	ug/m ³	LOD (ug/sample)	RL (ug/sample)
Cadmium	(0.023)	(0.011)	0.023	0.075

Results Continued on Next Page

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Environmental

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ANALYTICAL REPORT

Workorder: **34-1314001**
 Client Project ID: 21252/Exide Frisco 052013
 Purchase Order: 21252
 Project Manager: Paul Pope

Analytical Results

Sample ID: EXDEMO 130516 DW527		Media: MCE Filter	Collected: 05/16/2013	
Lab ID: 1314001004	Sampling Location: Exide Frisco		Received: 05/20/2013	
Method: NIOSH 7300 Mod.		Sampling Parameter: Air Volume 2153 L	Prepared: 05/20/2013 Analyzed: 05/20/2013	
Analyte	ug/sample	ug/m ³	LOD (ug/sample)	RL (ug/sample)
Lead	<0.38	<0.17	0.38	1.3

Sample ID: EXDEMO 130516 UW729		Media: MCE Filter	Collected: 05/16/2013	
Lab ID: 1314001005	Sampling Location: Exide Frisco		Received: 05/20/2013	
Method: NIOSH 7300 Mod.		Sampling Parameter: Air Volume 2490 L	Prepared: 05/20/2013 Analyzed: 05/20/2013	
Analyte	ug/sample	ug/m ³	LOD (ug/sample)	RL (ug/sample)
Cadmium	(0.030)	(0.012)	0.023	0.075
Lead	<0.38	<0.15	0.38	1.3

Report Authorization

Method	Analyst	Peer Review
NIOSH 7300 Mod.	Peter P. Steen	Christopher R. Hansen

Laboratory Contact Information

ALS Environmental
 960 W Levoy Drive
 Salt Lake City, Utah 84123

Phone: (801) 266-7700
 Email: als@alst.com
 Web: www.alssl.com



ANALYTICAL REPORT

Workorder: **34-1314001**

Client Project ID: 21252/Exide Frisco 052013

Purchase Order: 21252

Project Manager: Paul Pope

General Lab Comments

The results provided in this report relate only to the items tested.
Samples were received in acceptable condition unless otherwise noted.
Samples have not been blank corrected unless otherwise noted.
This test report shall not be reproduced, except in full, without written approval of ALS.

ALS provides professional analytical services for all samples submitted. ALS is not in a position to interpret the data and assumes no responsibility for the quality of the samples submitted.

All quality control samples processed with the samples in this report yielded acceptable results unless otherwise noted.

ALS is accredited for specific fields of testing (scopes) in the following testing sectors. The quality system implemented at ALS conforms to accreditation requirements and is applied to all analytical testing performed by ALS. The following table lists testing sector, accreditation body, accreditation number and website. Please contact these accrediting bodies or your ALS project manager for the current scope of accreditation that applies to your analytical testing.

Testing Sector	Accreditation Body (Standard)	Certificate Number	Website
Environmental	ACCLASS (DoD ELAP)	ADE-1420	http://www.aiclasscorp.com
	Utah (NELAC)	DATA1	http://health.utah.gov/lab/labimp/
	Nevada	UT00009	http://ndep.nv.gov/bsdwl/labservice.htm
	Oklahoma	UT00009	http://www.deq.state.ok.us/CSDnew/
	Iowa	IA# 376	http://www.iowadnr.gov/InsideDNR/RegulatoryWater.aspx
	Florida (TNI)	E871067	http://www.dep.state.fl.us/labs/bars/sas/qa/
	Texas (TNI)	T104704456-11-1	http://www.tceq.texas.gov/field/qa/lab_accred_certif.html
Industrial Hygiene	AIHA (ISO 17025 & AIHA IHLAP/ELLAP)	101574	http://www.aihaaccreditedlabs.org
Lead Testing:			
CPSC	ACCLASS (ISO 17025, CPSC)	ADE-1420	http://www.aiclasscorp.com
Soil, Dust, Paint ,Air	AIHA (ISO 17025, AIHA ELLAP and NLLAP)	101574	http://www.aihaaccreditedlabs.org
Dietary Supplements	ACCLASS (ISO 17025)	ADE-1420	http://www.aiclasscorp.com

Definitions

LOD = Limit of Detection = MDL = Method Detection Limit, A statistical estimate of method/media/instrument sensitivity.

LOQ = Limit of Quantitation = RL = Reporting Limit, A verified value of method/media/instrument sensitivity.

ND = Not Detected, Testing result not detected above the LOD or LOQ.

** No result could be reported, see sample comments for details.

< This testing result is less than the numerical value.

() This testing result is between the LOD and LOQ and has higher analytical uncertainty than values at or above the LOQ.



Quality Control Sample Batch Report

Analysis Information

Workorder: 1314001

Limits: Historical/Performance
Basis: ALS Laboratory Group

Preparation: IH Metals, MCE Prep
Batch: IIPX/12334 (HBN: 107143)
Prepared By: Adam K. Taft

Analysis: IH Metals QC
Batch: IICP/8209 (HBN: 107174)
Analyzed By: Peter P. Steen

Blank

LRB: 334672
Analyzed: 05/20/2013 13:09
Units: ug/sample

Analyte	Result	MDL	RL
Cadmium	ND	0.0225	0.0750
Lead	ND	0.375	1.25

LMB: 334673
Analyzed: 05/20/2013 13:12
Units: ug/sample

Analyte	Result	MDL	RL
Cadmium	ND	0.0225	0.0750
Lead	ND	0.375	1.25

Laboratory Control Sample - Laboratory Control Sample Duplicate

<p>LCS: 334674 Analyzed: 05/20/2013 13:16 Dilution: 1 Units: ug/sample</p>	<p>LCSD: 334675 Analyzed: 05/20/2013 13:20 Dilution: 1 Units: ug/sample</p>
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Analyte	Result	Target	% Rec	QC Limits	Result	% Rec	RPD	QC Limits
Cadmium	10.7	10.0	107	89.8 112.5	10.5	105	1.51	0.0 15.0
Lead	98.3	100	98.3	88.0 115.0	97.7	97.7	0.627	0.0 15.0

QC Data Approved and Reviewed by

<u>Peter P. Steen</u> Analyst	<u>Christopher R. Hansen</u> Peer Review	<u>5/20/2013</u> Date
----------------------------------	---	--------------------------

Symbols and Definitions

- * - Analyte above reporting limit or outside of control limits
 - ▲ - Sample result is greater than 4 times the spike added
 - - Sample and Matrix Duplicate less than 5 times the reporting limit
- RPD - Relative % Difference (Spike / Spike Duplicate)
 ND - Not Detected (U - Qualifier also flags analyte as not detected)
 QC results are not adjusted for moisture correction, where applicable

Laboratory Review Checklist: Reportable Data							
Laboratory Name: ALS Environmental Laboratory				LRC Date: 5/21/13			
Project Name: Exide, Frisco				Laboratory Job Number: 1314001			
Reviewer Name: Jessica Helland				Prep Batch Number(s):			
# ¹	A ²	Description	Yes	No	NA ³	NR ⁴	ER# ⁵
R1	OI	Chain-of-custody (C-O-C)					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	Sample and quality control (QC) identification					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	Test reports					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW-846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	Surrogate recovery data					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	Test reports/summary forms for blank samples					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	Laboratory control samples (LCS):					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	X				
		Was the LCSD RPD within QC limits?	X				
R7	OI	Matrix spike (MS) and matrix spike duplicate (MSD) data					
		Were the project/method specified analytes included in the MS and MSD?			X		
		Were MS/MSD analyzed at the appropriate frequency?			X		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			X		
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	Analytical duplicate data					
		Were appropriate analytical duplicates analyzed for each matrix?			X		
		Were analytical duplicates analyzed at the appropriate frequency?			X		
		Were RPDs or relative standard deviations within the laboratory QC limits?			X		
R9	OI	Method quantitation limits (MQLs):					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?		X			
R10	OI	Other problems/anomalies					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?			X		
		Were all necessary corrective actions performed for the reported data?			X		
		Was applicable and available technology used to lower the SDL minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Program for the analytes, matrices and methods associated with this laboratory data package?			X		

Laboratory Review Checklist: Reportable Data							
Laboratory Name: ALS Environmental Laboratory				LRC Date: 5/21/13			
Project Name: Exide, Frisco				Laboratory Job Number: 1314001			
Reviewer Name: Jessica Helland				Reviewer Name: Paul Pope			
# ¹	A ²	Description	Yes	No	NA ³	NR ⁴	ER# ⁵
S1	OI	Initial calibration (ICAL)					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	Initial and continuing calibration verification (ICCV and CCV) and continuing calibration blank (CCB)					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	Mass spectral tuning:					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	Internal standards (IS):					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	Dual column confirmation					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	Tentatively identified compounds (TICs):					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	Interference Check Sample (ICS) results:					
		Were percent recoveries within method QC limits?	X				
S9	I	Serial dilutions, post digestion spikes, and method of standard additions					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	Method detection limit (MDL) studies					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	Proficiency test reports:					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	Standards documentation					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	Compound/analyte identification procedures					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	Demonstration of analyst competency (DOC)					
		Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	Laboratory standard operating procedures (SOPs):					
		Are laboratory SOPs current and on file for each method performed?	X				
<ol style="list-style-type: none"> Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period. O = Organic Analyses; I = Inorganic Analyses (and general chemistry, when applicable); NA = Not Applicable; NR = Not Reviewed; R# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked). 							

Laboratory Review Checklist: Reportable Data

Laboratory Name: ALS Environmental Laboratory		LRC Date: 5/21/13
Project Name: Exide, Frisco		Laboratory Job Number: 1314001
Reviewer Name: Jessica Helland		Prep Batch Number(s):
ER#⁵	Description	

Chain of Custody



1314001



1314001

1. REGULAR Status

RUSH Status Requested - **ADDITIONAL CHARGE**
RESULTS REQUIRED BY 05.20.13

DATE

CONTACT ALS SALT LAKE PRIOR TO SENDING SAMPLES

2. Date 05.16.13 Purchase Order No. 21252

4. Quote No. _____

3. Company Name Remediation Services, inc.

ALS Project Manager Paul Pope

Address PO Box 587

5. **Sample Collection**

Independence, KS 67301

Sampling Site: Exide Frisco

Person to Contact: Grant Sherwood

Industrial Process: Decontamination and Demo

Telephone (620) 331-1200

Date of Collection 05.16.13

Fax Telephone (620) 331-6216

Time Collected 7:00 - 17:00

E-mail Address gsherwood@rsi-ks.com

Date of Shipment 05.16.13

Billing Address (if different from above)

Send Results to: gsherwood@rsi-ks.com, irgillman@rsi-ks.com, vanessa.coleman@na.exide.com, droth@rsi-ks.com

Send Invoice to : strotter@rsi-ks.com

7. REQUEST FOR ANALYSES

Laboratory Use Only	Client Sample Number	Matrix*	Sample Volume	ANALYSES REQUESTED - Use method number if known	Units**
	EXDEMO130516DW607	37 um MCE	2171L	NIOSH 7303 - Lead and Cadmium	ug/m ³
	EXDEMO130516DW363	37 um MCE	2109L	NIOSH 7303 - Lead and Cadmium	ug/m ³
	EXDEMO130516DW001	37 um MCE	2159L	NIOSH 7303 - Lead and Cadmium	ug/m ³
	EXDEMO130516DWS27	37 um MCE	2153L	NIOSH 7303 - Lead and Cadmium	ug/m ³
	EXDEMO130516UW729	37 um MCE	2490L	NIOSH 7303 - Lead and Cadmium	ug/m ³
		37 um MCE		NIOSH 7303 - Lead and Cadmium	ug/m ³

EX-DEMO = Project (Exide-Demolition)

YYMMDD = Sampling date (e.g., 11/01/2012 = 121101)

LOC = Sample Location (e.g. UW = Upwind, DW = Downwind)

XXX = E-BAM Monitor Sample Association - Last 3 digits of Serial Number,

QQ = Optional QA sample flag (TB = trip blank, FB = field blank, SC = duplicate)

Comments LEAST POSSIBLE DETECTION LIMIT

Possible Contamination and/or Chemical Hazards: Lead and cadmium

7. Chain of Custody (Optional)

Relinquished by JOHANN GILLMAN

Date/Time 05.16.13 19:40

Received by [Signature]

Date/Time 05/20/13 0820

Relinquished by _____

Date/Time _____

Received by _____

Date/Time _____

960 West LeVoy Drive / Salt Lake City, UT 84123

800-356-9135 or 801-266-7700 / FAX: 801-268-9992

ALS Laboratory Group