January 21, 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 – Week 5
Exide Technologies Frisco Recycling Center
Frisco, Texas
IHW 50206, SWR No. 30516, RN100218643

Dear Mr. Sheedy:

The *Perimeter Air Monitoring Plan for Response Actions at Class 2 Non-Hazardous Waste Landfill* (dated December 7, 2012) and the *Perimeter Air Monitoring Plan - Facility Demolition* dated November 21, 2012 (collectively, the AMPs) address air monitoring to be conducted by Exide Technologies at the Exide Technologies Frisco Recycling Center located in Frisco, Texas during upcoming demolition and landfill remediation work.

Upon the commencement of pre-demolition decontamination activities (i.e., decontamination activities following the cessation of recycling activities and prior to the initiation of facility demolition activities), Exide began using the air monitors and samplers that will be employed under the AMPs to identify potential technical issues and work on procedural aspects of their use prior to the upcoming demolition and landfill remediation work that will be subject to the AMPs. This pre-demolition period provides an excellent opportunity to pilot the AMP procedures, including the format and content of the summary reports that will be provided to TCEQ and posted on the Exide website. Accordingly, 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. This data was collected from a period of site activity that was limited to decontamination work and is being submitted for informational purposes and to confirm the use of this reporting format.

This submittal is for data collected or received from **Monday, December 31, 2012 through Saturday January 5, 2013**. Site activities being conducted during this reporting period are noted below:

☒	**Decontamination**	☐	**Facility Demolition**	☐	**Landfill Remediation**

The following Worksheets, Data Sheets or Reports are included within this submittal:

		Description	Details	Remarks
☒	A	Daily Summary Report	Real-time Particulate Monitoring , Wind Speed & Direction	
☒	B	Take Action/Stop Work Notifications	Response actions taken due to high wind or elevated real-time particulate readings	1
☒	C	Field Data Sheet – E-BAMs	E-BAM particulate monitoring positions and locations	
☒	D	Field Data Sheet – Low Vols	Details for low-volume samples for Pd/Cd	
☒	E	Analytical Report – Metals Analysis	Laboratory Data Report for Pb/Cd in air samples	
☐	F	Updated Table 1	Re-calculated Action Levels based upon actual PM, Pb and Cd data	

Remark No.	Comments
1	All PM and wind alerts were reviewed. Refer to the Daily Notification Reports in Attachment B for details on each work date. No response actions were required since only interior decontamination activities were being conducted (no demolition, landfill remediation or other dust-generating activities).

For activities subject to the *Perimeter Air Monitoring Work Plans*, W&M will indicate that it 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. W&M undertook that review for this informational assessment as well, 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 972-516-0300.

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

Frank W. Clark, P.E., P.G.
Senior Consultant

cc: Vanessa Coleman - Exide
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 - Facility Decontamination
Frisco, Texas

Date	Time Interval (30-min blocks)	E-BAM G4605 30-min avg (mg/m^3)	E-BAM F5001 30-min avg (mg/m^3)	E-BAM G4526 30-min avg (mg/m^3)	E-BAM G4607 30-min avg (mg/m^3)	Wind Direction (30-min avg from N)	Wind Speed (30-min avg mph)
		Upwind	Downwind	Downwind	Downwind		
12/31/2012	07:00-07:29	-0.005	0.024	0.013	0.086	134	7.2
	07:30-07:59	0.029	0.006	0.014	0.045	135	11.6
	08:00-08:29	0.014	0.014	0.012	0.018	135	12.6
	08:30-08:59	0.026	0.007	0.016	0.036	136	16.5
	09:00-09:29		0.011	0.018	0.142	176	11.6
	09:30-09:59		0.028	0.013	0.147	245	4.8
	10:00-10:29		0.038	0.017	0.124	272	3.5
	10:30-10:59		0.015	0.018	0.073	310	2.9
	11:00-11:29		0.013	0.022	0.024	317	4.1
	11:30-11:59		0.027	0.011	0.135	311	3.3
	12:00-12:29		0.010	0.012	0.153	275	2.7
	12:30-12:59		0.017	0.027	0.084	235	1.4
	13:00-13:29	0.034	0.024	0.095	0.006	118	3.9
	13:30-13:59	0.064	0.016	0.036	0.010	130	6.6
	14:00-14:29	0.004	0.024	0.075	0.011	159	7.1
	14:30-14:59		0.016	0.024	0.018	173	7.8
	15:00-15:29	0.015	0.009	0.032	0.026	182	6.6
	15:30-15:59		0.029	0.014	0.025	178	5.3
	16:00-16:29	0.050	0.012	0.031	0.023	188	4.9
	16:30-16:59				0.019	201	3.7
	17:00-17:29				0.022	166	2.1
	17:30-17:59				0.021	94	1.8
Daily Averages ----->		**0.026**	**0.018**	**0.026**	**0.057**	**194**	**6.0**

Notes:

- Data reported below 0 mg/m^3 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

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

Date	Time Interval (30-min blocks)	E-BAM G4605 30-min avg (mg/m^3)	E-BAM F5001 30-min avg (mg/m^3)	E-BAM G4526 30-min avg (mg/m^3)	E-BAM G4607 30-min avg (mg/m^3)	Wind Direction (30-min avg from N)	Wind Speed (30-min avg mph)
		Upwind	Downwind	Downwind	Downwind		
1/2/2013	07:00-07:29	0.035	0.016	0.031	0.031	328	5.8
	07:30-07:59	0.073	0.032	0.037	0.035	328	4.8
	08:00-08:29	0.097	0.029	0.025	0.011	314	5.1
	08:30-08:59	0.110	0.042	0.056	0.003	306	6.0
	09:00-09:29	0.041	0.019	0.047	0.009	309	6.2
	09:30-09:59	0.018	0.031	0.051	0.003	229	5.0
	10:00-10:29	0.013	0.026	0.014	0.000	322	7.1
	10:30-10:59	0.023	0.032	0.020	0.015	317	6.6
	11:00-11:29	0.015	0.014	0.016	0.004	314	6.7
	11:30-11:59	0.018	0.031	0.021	0.028	307	8.7
	12:00-12:29	0.015	0.034	0.019	0.025	304	9.3
	12:30-12:59	0.015	0.035	0.009	0.021	307	8.4
	13:00-13:29	0.007	0.027	0.012	0.024	313	8.1
	13:30-13:59	0.017	0.017	0.017	0.035	305	7.9
	14:00-14:29	0.013	0.013	0.010	0.033	308	7.6
	14:30-14:59	0.013	0.016	0.007	0.032	307	7.7
	15:00-15:29	0.018	0.015	0.018	0.026	295	6.0
	15:30-15:59	0.013	0.013	0.020	0.035	284	6.2
	16:00-16:29	0.018	0.014	0.013	0.018	285	5.6
	16:30-16:59	0.011	0.012	0.002	0.014	310	5.8
	17:00-17:29	0.040	0.015	0.040	0.045	299	4.9
	17:30-17:59	0.039	0.027	0.029	0.035	285	3.9
Daily Averages ----->		**0.030**	**0.023**	**0.023**	**0.022**	**303**	**6.5**

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

Date	Time Interval (30-min blocks)	E-BAM G4605 30-min avg (mg/m^3)	E-BAM F5001 30-min avg (mg/m^3)	E-BAM G4526 30-min avg (mg/m^3)	E-BAM G4607 30-min avg (mg/m^3)	Wind Direction (30-min avg from N)	Wind Speed (30-min avg mph)
		Upwind	Downwind	Downwind	Downwind		
1/3/2013	07:00-07:29	0.025	0.014	0.026	0.097	276	5.2
	07:30-07:59	0.049	0.023	0.024	0.105	293	4.8
	08:00-08:29	0.132	0.067	0.028	0.002	302	5.0
	08:30-08:59	0.048	0.042	0.046	0.008	260	6.3
	09:00-09:29	0.003	0.026	0.044	0.014	236	7.7
	09:30-09:59	0.010	0.017	0.018	0.006	197	6.6
	10:00-10:29	0.008	0.009	0.006	0.021	213	5.1
	10:30-10:59	0.009	0.016	0.006	0.013	50	8.1
	11:00-11:29	0.010	0.007	0.013	0.021	40	8.7
	11:30-11:59	0.003	0.007	0.011	0.010	56	7.4
	12:00-12:29	0.016	0.009	0.003	0.010	91	7.3
	12:30-12:59	0.015	0.005	0.007	0.004	63	7.2
	13:00-13:29	0.007	0.007	0.021	0.017	260	8.4
	13:30-13:59	0.011	0.011	0.000	0.018	268	8.5
	14:00-14:29	0.000	0.008	0.007	0.007	261	6.5
	14:30-14:59	0.007	0.002	0.015	0.016	247	6.2
	15:00-15:29	0.010	0.009	0.005	0.014	261	7.5
	15:30-15:59	0.009	0.010	0.009	0.008	281	7.8
	16:00-16:29	0.008	0.005	0.005	0.008	202	6.2
	16:30-16:59	0.021	0.005	0.012	0.009	283	6.1
	17:00-17:29	0.008	0.001	0.005	0.012	209	4.4
	17:30-17:59	0.018	0.005	0.017	0.010	137	3.0
Daily Averages ----->		**0.019**	**0.014**	**0.015**	**0.020**	**204**	**6.6**

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

Date	Time Interval (30-min blocks)	E-BAM G4605 30-min avg (mg/m^3)	E-BAM F5001 30-min avg (mg/m^3)	E-BAM G4526 30-min avg (mg/m^3)	E-BAM G4607 30-min avg (mg/m^3)	Wind Direction (30-min avg from N)	Wind Speed (30-min avg mph)
		Upwind	Downwind	Downwind	Downwind		
1/4/2013	07:00-07:29	0.016	0.015	0.015	0.012	161	2.5
	07:30-07:59	0.008	0.011	0.013	0.011	113	2.8
	08:00-08:29	0.042	0.023	0.011	0.025	182	2.6
	08:30-08:59	0.010	0.011	0.017	0.024	42	2.8
	09:00-09:29	0.007	0.009	0.011	0.012	87	2.6
	09:30-09:59	0.008	0.010	0.013	0.025	128	4.3
	10:00-10:29	0.016	0.018	0.017	0.019	138	4.9
	10:30-10:59	0.016	0.009	0.026	0.020	221	4.0
	11:00-11:29	0.014	0.015	0.017	0.013	250	4.0
	11:30-11:59	0.018	0.015	0.012	0.019	275	5.6
	12:00-12:29	0.014	0.007	0.009	0.023	292	4.3
	12:30-12:59	0.011	0.013	0.009	0.015	292	4.6
	13:00-13:29	0.015	0.009	0.016	0.024	270	5.0
	13:30-13:59	0.014	0.006	0.008	0.007		
	14:00-14:29	0.008	0.011	0.008	0.011	267	3.2
	14:30-14:59	0.007	0.013	0.012	0.005	199	2.9
	15:00-15:29	0.017	0.007	0.015	0.021	248	3.5
	15:30-15:59	0.003	0.006	0.004	0.018	294	3.3
	16:00-16:29	0.013	0.006	0.009		186	2.2
	16:30-16:59	0.020				261	1.6
	17:00-17:29					310	1.4
	17:30-17:59	0.017				226	1.5
Daily Averages ----->		**0.014**	**0.011**	**0.013**	**0.017**	**212**	**3.3**

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

Date	Time Interval (30-min blocks)	E-BAM G4605 30-min avg (mg/m^3)	E-BAM F5001 30-min avg (mg/m^3)	E-BAM G4526 30-min avg (mg/m^3)	E-BAM G4607 30-min avg (mg/m^3)	Wind Direction (30-min avg from N)	Wind Speed (30-min avg mph)
		Upwind	Downwind	Downwind	Downwind		
1/5/2013	07:00-07:29	0.034		0.016	0.063	190	4.8
	07:30-07:59	0.058	0.021	0.025	0.044	204	6.6
	08:00-08:29	0.052	0.008	0.019	0.087	214	7.2
	08:30-08:59	0.066	0.019	0.031	0.042	215	7.9
	09:00-09:29	0.020	0.018	0.042	0.004	216	6.3
	09:30-09:59	0.018	0.026	0.041	0.002	207	6.0
	10:00-10:29	0.009	0.042	0.029	0.019	215	4.4
	10:30-10:59	0.020	0.026	0.007	0.016	219	6.1
	11:00-11:29	0.011	0.016	0.014	0.026	222	8.5
	11:30-11:59	0.022	0.029	0.015	0.032	221	7.9
	12:00-12:29	0.011	0.005	-0.002	0.026	199	7.6
	12:30-12:59	0.018	0.033	0.013	0.026	182	8.5
	13:00-13:29	0.005	0.009	0.012	0.024	191	7.8
	13:30-13:59	0.018	0.013	0.006	0.026	171	8.0
	14:00-14:29	0.016	0.016	0.009	0.021	192	7.9
	14:30-14:59	0.007	0.011	0.014	0.019	187	7.9
	15:00-15:29	0.015	0.005	0.007	0.020	195	6.7
	15:30-15:59	0.023	0.010	0.027	0.008	164	6.1
	16:00-16:29	0.019	0.016			184	5.2
	16:30-16:59	0.021	0.010			168	6.3
	17:00-17:29	0.019	0.015			148	6.0
	17:30-17:59	0.049	0.019			128	6.3
Daily Averages ----->		**0.024**	**0.017**	**0.018**	**0.028**	**192**	**6.8**

Notes:

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TAKE ACTION/STOP WORK NOTIFICATIONS

ATTACHMENT B

Daily Notification Report
Real-Time Particulate Monitoring Data
Exide Technologies - Facility Decontamination and Demolition
Frisco, Texas

Date	Time	Condition	Status	Parameter	Notification Subject Line	Measured Value	Criterion	Comments
12/31/2012	7:03:57	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn A - G4605 - Upwind (South Gateway)	Null	Null	Downwind monitors working correctly at this time
	7:42:19	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn D - G4607 - Downwind (North Gateway)	Null	Null	Downwind monitors working correctly at this time
	7:43:18	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn B - F5001 - Downwind (North Gateway)	Null	Null	No dust generating activities at this time
	7:43:19	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn C - G4526 - Downwind (North Gateway)	Null	Null	No dust generating activities at this time
	8:41:30	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn A - G4605 - Upwind (South Gateway)	Null	Null	No dust generating activities at this time
	8:54:20	STOP WORK	Trigger	High Wind	STOP WORK - High Wind (1-min avg) !!! Trigger Condition (Weather Station - Exide	20.7	> 20.0	No dust generating activities at this time
	8:56:21	STOP WORK	Trigger	High Wind	STOP WORK - High Wind (1-min avg) !!! Trigger Condition (Weather Station - Exide	21.3	> 20.0	No dust generating activities at this time
	8:59:20	STOP WORK	Trigger	High Wind	STOP WORK - High Wind (1-min avg) !!! Trigger Condition (Weather Station - Exide	22.5	> 20.0	No dust generating activities at this time
	9:01:21	STOP WORK	Trigger	High Wind	STOP WORK - High Wind (1-min avg) !!! Trigger Condition (Weather Station - Exide	25.4	> 20.0	No dust generating activities at this time
	9:28:48	TAKE ACTION	Trigger	PM10 - 30min Avg	TAKE ACTION LEVEL - PM10 Trigger Condition (Stn D - G4607 - Downwind (North Gateway)	0.145	> 0.1	No dust generating activities at this time
	11:59:18	TAKE ACTION	Trigger	PM10 - 30min Avg	TAKE ACTION LEVEL - PM10 Trigger Condition (Stn D - G4607 - Downwind (North Gateway)	0.137	> 0.1	No dust generating activities at this time
	15:00:46	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn A - G4605 - Upwind (South Gateway)	Null	Null	No dust generating activities at this time

Daily Notification Report
Real-Time Particulate Monitoring Data
Exide Technologies - Facility Decontamination and Demolition
Frisco, Texas

Date	Time	Condition	Status	Parameter	Notification Subject Line	Measured Value	Criterion	Comments
1/2/2013	8:59:07	TAKE ACTION	Trigger	PM10 - 30min Avg	TAKE ACTION LEVEL - PM10 Trigger Condition (Stn A - G4605 - Upwind (North Gateway))	0.108	> 0.1	Upwind monitor; no dust generating activities at this time
	8:59:07	STOP WORK	Trigger	PM10 - 60min Avg	STOP WORK LEVEL - PM10 (60-min) Trigger Condition (Stn A - G4605 - Upwind (North Gateway))	0.102	> 0.1	Upwind monitor; no dust generating activities at this time
	9:03:34	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn B - F5001 - Downwind (South Gateway))	Null	Null	No dust generating activities at this time
	13:40:24	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn D - G4607 - Downwind (South Gateway))	Null	Null	No dust generating activities at this time
	16:05:26	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn D - G4607 - Downwind (South Gateway))	Null	Null	No dust generating activities at this time
	16:56:14	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn B - F5001 - Downwind (South Gateway))	Null	Null	Took off-line to install new radios
	16:56:14	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn D - G4607 - Downwind (South Gateway))	Null	Null	Took off-line to install new radios
	16:57:13	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn C - G4526 - Downwind (South Gateway))	Null	Null	Took off-line to install new radios

Daily Notification Report
Real-Time Particulate Monitoring Data
Exide Technologies - Facility Decontamination and Demolition
Frisco, Texas

Date	Time	Condition	Status	Parameter	Notification Subject Line	Measured Value	Criterion	Comments
1/3/2013	7:59:28	TAKE ACTION	Trigger	PM10 - 30min Avg	TAKE ACTION LEVEL - PM10 Trigger Condition (Stn D - G4607 - Downwind (South Gateway))	0.101	> 0.1	No dust generating activities at this time
	8:29:06	TAKE ACTION	Trigger	PM10 - 30min Avg	TAKE ACTION LEVEL - PM10 Trigger Condition (Stn A - G4605 - Upwind (North Gateway))	0.125	> 0.1	Upwind monitor; no dust generating activities at this time
	8:32:25	TAKE ACTION	Trigger	PM10 - 30min Avg	TAKE ACTION LEVEL - PM10 Trigger Condition (Stn A - G4605 - Upwind (North Gateway))	0.131	> 0.1	Upwind monitor; no dust generating activities at this time
	8:33:59	STOP WORK	Trigger	PM10 - 60min Avg	STOP WORK LEVEL - PM10 (60-min) Trigger Condition (Stn D - G4607 - Downwind (South Gateway))	0.101	> 0.1	No dust generating activities at this time
	14:22:29	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn B - F5001 - Downwind (South Gateway))	Null	Null	No dust generating activities at this time

Daily Notification Report
Real-Time Particulate Monitoring Data
Exide Technologies - Facility Decontamination and Demolition
Frisco, Texas

Date	Time	Condition	Status	Parameter	Notification Subject Line	Measured Value	Criterion	Comments
1/4/2013	17:20:35	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn A - G4605 - Upwind (North Gateway)	Null	Null	No dust generating activities at this time
	17:22:35	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn B - F5001 - Downwind (South Gateway)	Null	Null	No dust generating activities at this time
	17:28:00	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn C - G4526 - Downwind (South Gateway)	Null	Null	No dust generating activities at this time

Daily Notification Report
Real-Time Particulate Monitoring Data
Exide Technologies - Facility Decontamination and Demolition
Frisco, Texas

Date	Time	Condition	Status	Parameter	Notification Subject Line	Measured Value	Criterion	Comments
1/5/2013	7:50:39	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn B - F5001 - Downwind (North Gateway)	Null	Null	No dust generating activities at this time
	12:03:16	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn B - F5001 - Downwind (North Gateway)	Null	Null	No dust generating activities at this time
	12:03:16	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn D - G4607 - Downwind (North Gateway)	Null	Null	No dust generating activities at this time
	12:03:16	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn C - G4526 - Downwind (North Gateway)	Null	Null	No dust generating activities at this time
	15:21:46	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn D - G4607 - Downwind (North Gateway)	Null	Null	No dust generating activities at this time
	15:21:46	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn B - F5001 - Downwind (North Gateway)	Null	Null	No dust generating activities at this time
	15:21:46	STOP WORK	Trigger	Data Failure	STOP WORK - Communication Failure (null data 5-min) Trigger Condition (Stn C - G4526 - Downwind (North Gateway)	Null	Null	No dust generating activities at this time

FIELD DATA SHEETS – E-BAMS

ATTACHMENT C

FIELD DATA SHEET

E-Bam Particulate Monitoring

Remediation Services, Inc.

RSI Project No: 21252 **Exide, Frisco TX**

Project Name: Facility Decontamination

Technician Name JOHNNY GILLMON **Sampling Date** 12.31.12

E-BAM SN	G4607
Upwind	
Downwind	X
GPS LOCATION	
Latitude	33.14328
Longitude	96.82942
DATE OF LAST EBAM LEAK CHECK	12.17.12
EBAM PAIRED WITH LOW VOL PUMP?	YES
START TIME:	7:00
END TIME:	18:00

E-BAM SN	G4605
Upwind	X
Downwind	
GPS LOCATION	✓
Latitude	33.13572
Longitude	96.82722
DATE OF LAST EBAM LEAK CHECK	12.17.12
EBAM PAIRED WITH LOW VOL PUMP?	YES
START TIME:	7:00
END TIME:	18:00

E-BAM SN	G4526
Upwind	
Downwind	X
GPS LOCATION	
Latitude	33.14330
Longitude	96.83065
DATE OF LAST EBAM LEAK CHECK	12.17.12
EBAM PAIRED WITH LOW VOL PUMP?	YES
START TIME:	7:00
END TIME:	18:00

E-BAM SN	F5001
Upwind	
Downwind	X
GPS LOCATION	
Latitude	33.14321
Longitude	96.82783
DATE OF LAST EBAM LEAK CHECK	12.17.12
EBAM PAIRED WITH LOW VOL PUMP?	YES
START TIME:	7:00
END TIME:	18:00

FIELD DATA SHEET

E-Bam Particulate Monitoring

Remediation Services, Inc.

RSI Project No: 21252 **Exide, Frisco TX**

Project Name: Facility Decontamination

Technician Name Johnny Gillman **Sampling Date** 01-02-13

E-BAM SN	G4607
Upwind	
Downwind	X
GPS LOCATION	
Latitude	33.13668
Longitude	96.82879
DATE OF LAST EBAM LEAK CHECK	12-17-12
EBAM PAIRED WITH LOW VOL PUMP?	YES
START TIME:	7:00
END TIME:	17:00

E-BAM SN	G4605
Upwind	X
Downwind	
GPS LOCATION	
Latitude	33.14328
Longitude	96.82942
DATE OF LAST EBAM LEAK CHECK	12-17-12
EBAM PAIRED WITH LOW VOL PUMP?	YES
START TIME:	7:00
END TIME:	17:00

E-BAM SN	G4526
Upwind	
Downwind	X
GPS LOCATION	
Latitude	33.13565
Longitude	96.82522
DATE OF LAST EBAM LEAK CHECK	12-16-12
EBAM PAIRED WITH LOW VOL PUMP?	YES
START TIME:	7:00
END TIME:	17:00

E-BAM SN	F5001
Upwind	
Downwind	X
GPS LOCATION	
Latitude	33.13572
Longitude	96.82722
DATE OF LAST EBAM LEAK CHECK	12-16-12
EBAM PAIRED WITH LOW VOL PUMP?	YES
START TIME:	7:00
END TIME:	17:00

FIELD DATA SHEET

E-Bam Particulate Monitoring

Remediation Services, Inc.

RSI Project No: 21252 **Exide, Frisco TX**

Project Name: Facility Decontamination

Technician Name Johnny Gillman **Sampling Date** 01.03.13

E-BAM SN	G4607
Upwind	
Downwind	X
GPS LOCATION	
Latitude	33.13688
Longitude	96.82879
DATE OF LAST EBAM LEAK CHECK	12.17.12
EBAM PAIRED WITH LOW VOL PUMP?	No
START TIME:	7:00
END TIME:	18:00

E-BAM SN	G4605
Upwind	X
Downwind	
GPS LOCATION	
Latitude	33.14328
Longitude	96.82942
DATE OF LAST EBAM LEAK CHECK	12.17.12
EBAM PAIRED WITH LOW VOL PUMP?	No
START TIME:	7:00
END TIME:	18:00

E-BAM SN	G4526
Upwind	
Downwind	X
GPS LOCATION	
Latitude	33.13565
Longitude	96.82522
DATE OF LAST EBAM LEAK CHECK	12.16.12
EBAM PAIRED WITH LOW VOL PUMP?	No
START TIME:	7:00
END TIME:	18:00

E-BAM SN	F5001
Upwind	
Downwind	X
GPS LOCATION	
Latitude	33.13572
Longitude	96.82722
DATE OF LAST EBAM LEAK CHECK	12.16.12
EBAM PAIRED WITH LOW VOL PUMP?	No
START TIME:	7:00
END TIME:	18:00

FIELD DATA SHEET

E-Bam Particulate Monitoring

Remediation Services, Inc.

RSI Project No: 21252 **Exide, Frisco TX**

Project Name: Facility Decontamination

Technician Name JOHNNY GILLMAN **Sampling Date** 01.04.13

E-BAM SN	G4607
Upwind	
Downwind	X
GPS LOCATION	
Latitude	33.13688
Longitude	96.82879
DATE OF LAST EBAM LEAK CHECK	12.17.12
EBAM PAIRED WITH LOW VOL PUMP?	YES
START TIME:	7:00
END TIME:	18:00

E-BAM SN	G4605
Upwind	X
Downwind	
GPS LOCATION	
Latitude	33.14328
Longitude	96.82942
DATE OF LAST EBAM LEAK CHECK	12.17.12
EBAM PAIRED WITH LOW VOL PUMP?	YES
START TIME:	7:00
END TIME:	18:00

E-BAM SN	G4526
Upwind	
Downwind	X
GPS LOCATION	
Latitude	33.13565
Longitude	96.82522
DATE OF LAST EBAM LEAK CHECK	12.16.12
EBAM PAIRED WITH LOW VOL PUMP?	YES
START TIME:	7:00
END TIME:	18:00

E-BAM SN	F5001
Upwind	
Downwind	X
GPS LOCATION	
Latitude	33.13572
Longitude	96.82722
DATE OF LAST EBAM LEAK CHECK	12.16.12
EBAM PAIRED WITH LOW VOL PUMP?	YES
START TIME:	7:00
END TIME:	18:00

FIELD DATA SHEET

E-Bam Particulate Monitoring

Remediation Services, Inc.

RSI Project No: 21252 **Exide, Frisco TX**

Project Name: Facility Decontamination

Technician Name JOHNNY GELLMAN **Sampling Date** 01·05·13

E-BAM SN	G4607
Upwind	
Downwind	X
GPS LOCATION	
Latitude	33.14321
Longitude	96.82783
DATE OF LAST EBAM LEAK CHECK	12·17·12
EBAM PAIRED WITH LOW VOL PUMP?	NO
START TIME:	7:00
END TIME:	17:00

E-BAM SN	G4605
Upwind	X
Downwind	
GPS LOCATION	
Latitude	33.13572
Longitude	96.82722
DATE OF LAST EBAM LEAK CHECK	12·17·12
EBAM PAIRED WITH LOW VOL PUMP?	NO
START TIME:	7:00
END TIME:	17:00

E-BAM SN	G4526
Upwind	
Downwind	X
GPS LOCATION	
Latitude	33.14330
Longitude	96.83065
DATE OF LAST EBAM LEAK CHECK	12·16·12
EBAM PAIRED WITH LOW VOL PUMP?	NO
START TIME:	7:00
END TIME:	17:00

E-BAM SN	F5001
Upwind	
Downwind	X
GPS LOCATION	
Latitude	33.14328
Longitude	96.82942
DATE OF LAST EBAM LEAK CHECK	12·16·12
EBAM PAIRED WITH LOW VOL PUMP?	NO
START TIME:	7:00
END TIME:	17:00

FIELD DATA SHEETS –
LOW VOLUME SAMPLERS

ATTACHMENT D

FIELD DATA SHEET

Low Volume Air Monitoring

Company:	**RSI**	Formulas	
Project:	**Exide, Frisco TX**	Average Flow (L/min) = (Start + Stop) / 2	
Project Number	21252	Sample Volume(Liters) = Avg Flow (L/min) X Duration (min)	
Project Name (Demo, Landfill Stab, etc)	Decontamination	Analysis	NIOSH 7303 Lead/Cadmium
Technician Name:	Johnny Gillman	Date Samples Collected:	12.31.12

Pump No. 3013	1
Upwind	
Downwind	X
Sample ID #	EXDEMD121231DW607
E-Bam Number	G4607
Flow Rate: Start (L/min)	3.31 L
Flow Rate: Stop (L/min)	3.47 L
Avg Flow (L/min)	3.39L
Start time	7:03
End Time	16:31
Duration in minutes	568
Sample Volume (Liters)	1926 L

Pump No. 3014	2
Upwind	
Downwind	X
Sample ID #	EXDEMD121231DW526
E-Bam Number	G4526
Flow Rate: Start (L/min)	3.36L
Flow Rate: Stop (L/min)	3.45L
Avg Flow (L/min)	3.41L
Start time	7:05
End Time	16:33
Duration in minutes	568
Sample Volume (Liters)	1937L

Pump No. 3015	3
Upwind	
Downwind	X
Sample ID #	EXDEMD121231DW001
E-Bam Number	F5001
Flow Rate: Start (L/min)	3.27 L
Flow Rate: Stop (L/min)	3.38 L
Avg Flow (L/min)	3.33 L
Start time	7:08
End Time	16:36
Duration in minutes	568
Sample Volume (Liters)	1891 L

Pump No. 3020	4
Upwind	X
Downwind	
Sample ID #	EXDEMD121231UW605
E-Bam Number	G4605
Flow Rate: Start (L/min)	3.13 L
Flow Rate: Stop (L/min)	3.27 L
Avg Flow (L/min)	3.20 L
Start time	7:14
End Time	16:43
Duration in minutes	569
Sample Volume (Liters)	1821 L

Field Blank (if collected) 1 - Per Week Required

Upwind	NA
Downwind	NA
Flow Rate	0
Sample ID #	

FIELD DATA SHEET
Low Volume Air Monitoring

Company:	**RSI**	Formulas	
Project:	**Exide, Frisco TX**	Average Flow (L/min) = (Start + Stop) / 2	
Project Number	21252	Sample Volume(Liters) = Avg Flow (L/min) X Duration (min)	
Project Name (Demo, Landfill Stab, etc)	Decontamination	Analysis	NIOSH 7303 Lead/Cadmium
Technician Name:	Johnny Gillman	Date Samples Collected:	01-02-13

Pump No. 3013	1
Upwind	
Downwind	X
Sample ID #	EXDEMD130102DW001
E-Bam Number	FS001
Flow Rate: Start (L/min)	3.34L
Flow Rate: Stop (L/min)	3.47L
Avg Flow (L/min)	3.41L
Start time	7:02
End Time	17:03
Duration in minutes	601
Sample Volume (Liters)	2049L

Pump No. 3014	2
Upwind	
Downwind	X
Sample ID #	EXDEMD130102DW526
E-Bam Number	64526
Flow Rate: Start (L/min)	3.38L
Flow Rate: Stop (L/min)	3.48L
Avg Flow (L/min)	3.43L
Start time	7:05
End Time	17:07
Duration in minutes	602
Sample Volume (Liters)	2065L

Pump No.	3
Upwind	
Downwind	X
Sample ID #	EXDEMD130102DW607
E-Bam Number	64607
Flow Rate: Start (L/min)	3.28L
Flow Rate: Stop (L/min)	3.40L
Avg Flow (L/min)	3.34L
Start time	7:09
End Time	17:09
Duration in minutes	600
Sample Volume (Liters)	2004L

Pump No.	4
Upwind	X
Downwind	
Sample ID #	EXDEMD130102UW605
E-Bam Number	64605
Flow Rate: Start (L/min)	3.14L
Flow Rate: Stop (L/min)	3.26L
Avg Flow (L/min)	3.20L
Start time	7:15
End Time	17:14
Duration in minutes	599
Sample Volume (Liters)	1917L

Field Blank (if collected) 1 - Per Week Required

Upwind	NA
Downwind	NA
Flow Rate	0
Sample ID #	EXDEMD130102FB

FIELD DATA SHEET
Low Volume Air Monitoring

Company:	RSI	Formulas	
Project:	**Exide, Frisco TX**	Average Flow (L/min) = (Start + Stop) / 2	
Project Number	21252	Sample Volume(Liters) = Avg Flow (L/min) X Duration (min)	
Project Name (Demo, Landfill Stab, etc)	Decontamination	Analysis	NIOSH 7303 Lead/Cadmium
Technician Name:	Johnny Gillman	Date Samples Collected:	01.04.13

Pump No. 3013	1
Upwind	
Downwind	X
Sample ID #	EXDEM0130104DW526
E-Bam Number	G4526
Flow Rate: Start (L/min)	3.30L
Flow Rate: Stop (L/min)	3.12L
Avg Flow (L/min)	3.21L
Start time	6:55
End Time	17:00
Duration in minutes	605
Sample Volume (Liters)	1942L

Pump No. 3014	2
Upwind	
Downwind	X
Sample ID #	EXDEM0130104DW001
E-Bam Number	F5001
Flow Rate: Start (L/min)	3.35L
Flow Rate: Stop (L/min)	3.11L
Avg Flow (L/min)	3.23L
Start time	6:57
End Time	17:04
Duration in minutes	607
Sample Volume (Liters)	1961L

Pump No. 3015	3
Upwind	
Downwind	X
Sample ID #	EXDEM0130104DW607
E-Bam Number	G4607
Flow Rate: Start (L/min)	3.24L
Flow Rate: Stop (L/min)	3.16L
Avg Flow (L/min)	3.20L
Start time	7:00
End Time	17:09
Duration in minutes	609
Sample Volume (Liters)	1949L

Pump No. 3020	4
Upwind	X
Downwind	
Sample ID #	EXDEM0130104UW605
E-Bam Number	G4605
Flow Rate: Start (L/min)	3.14L
Flow Rate: Stop (L/min)	3.04L
Avg Flow (L/min)	3.09L
Start time	7:07
End Time	17:21
Duration in minutes	614
Sample Volume (Liters)	1897L

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: January 04, 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: **34-1300305**
Client Project ID: 21252/Exide Frisco 010312 2
Purchase Order: 21252
Project Manager: Paul Pope

Analytical Results

Sample ID: **EXDEMO121231 DW 607** Media: MCE Filter Collected: 12/31/2012
Lab ID: 1300305001 Sampling Location: Exide Frisco Received: 01/03/2013

Method: NIOSH 7300 Mod. **Sampling Parameter:** Air Volume 1926 L **Prepared:** 01/03/2013 **Analyzed:** 01/03/2013

Analyte	ug/sample	ug/m³	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.012	0.023	0.075
Lead	<0.38	<0.19	0.38	1.3

Sample ID: **EXDEMO121231 DW 001** Media: MCE Filter Collected: 12/31/2012
Lab ID: 1300305002 Sampling Location: Exide Frisco Received: 01/03/2013

Method: NIOSH 7300 Mod. **Sampling Parameter:** Air Volume 1891 L **Prepared:** 01/03/2013 **Analyzed:** 01/03/2013

Analyte	ug/sample	ug/m³	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.012	0.023	0.075
Lead	<0.38	<0.20	0.38	1.3

Sample ID: **EXDEMO121231 DW 526** Media: MCE Filter Collected: 12/31/2012
Lab ID: 1300305003 Sampling Location: Exide Frisco Received: 01/03/2013

Method: NIOSH 7300 Mod. **Sampling Parameter:** Air Volume 1937 L **Prepared:** 01/03/2013 **Analyzed:** 01/03/2013

Analyte	ug/sample	ug/m³	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.012	0.023	0.075
Lead	<0.38	<0.19	0.38	1.3

Sample ID: **EXDEMO121231 UW 605** Media: MCE Filter Collected: 12/31/2012
Lab ID: 1300305004 Sampling Location: Exide Frisco Received: 01/03/2013

Method: NIOSH 7300 Mod. **Sampling Parameter:** Air Volume 1821 L **Prepared:** 01/03/2013 **Analyzed:** 01/03/2013

Analyte	ug/sample	ug/m³	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.012	0.023	0.075

Results Continued on Next Page

ANALYTICAL REPORT

Workorder: **34-1300305**
Client Project ID: 21252/Exide Frisco 010312 2
Purchase Order: 21252
Project Manager: Paul Pope

Analytical Results

Sample ID: **EXDEMO121231 UW 605** Media: MCE Filter Collected: 12/31/2012
Lab ID: 1300305004 Sampling Location: Exide Frisco Received: 01/03/2013

Method: **NIOSH 7300 Mod.** **Sampling Parameter:** **Air Volume 1821 L** **Prepared:** 01/03/2013 **Analyzed:** 01/03/2013

Analyte	ug/sample	ug/m³	LOD (ug/sample)	RL (ug/sample)
Lead	<0.38	<0.21	0.38	1.3

Comments

Quality Control: **NIOSH 7300 Mod. - (HBN: 100262)**

The MCE LMB 316934 was above the reporting limit for magnesium (1.42 µg/sample) so the LCS 316935 and LCSD 316936 results have been media blank corrected for magnesium with LMB 316934.

The Whatman wipe LMB 316969 was above the reporting limit for magnesium (1.25 µg/sample) so the LCS 316970 and LCSD 316971 results have been media blank corrected for magnesium with LMB 316969.

The LCS 316935 and LCSD 316936 titanium recoveries of 112 and 111% were high outside of current limits but within method limits of ±20% so data was reported as is without further comment.

The LCS 316935 yttrium recovery of 111% was high outside of current limits but within method limits of ±20% so data was reported as is without further comment.

Report Authorization

Method	Analyst	Peer Review
NIOSH 7300 Mod.	Penny A. Foote	Peter P. Steen

Laboratory Contact Information

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

Phone: (801) 266-7700
Email: alslt.lab@ALSGlobal.com
Web: www.alsslc.com

ANALYTICAL REPORT

Workorder: **34-1300305**
Client Project ID: 21252/Exide Frisco 010312 2
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	ACLASS (DoD ELAP)	ADE-1420	http://www.aclasscorp.com
	Utah (NELAC)	DATA1	http://health.utah.gov/lab/labimp/
	Nevada	UT00009	http://ndep.nv.gov/bsdw/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	ACLASS (ISO 17025, CPSC)	ADE-1420	http://www.aclasscorp.com
Soil, Dust, Paint ,Air	AIHA (ISO 17025, AIHA ELLAP and NLLAP)	101574	http://www.aihaaccreditedlabs.org
Dietary Supplements	ACLASS (ISO 17025)	ADE-1420	http://www.aclasscorp.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: **1300305**

Limits: Historical/Performance
Basis: ALS Laboratory Group

Preparation: IH Metals, MCE Prep
Batch: IIPX/11644 (HBN: 100207)
Prepared By: Adam K. Taft

Analysis: IH Metals QC
Batch: IICP/7742 (HBN: 100262)
Analyzed By: Penny A. Foote

Blank

Blank: 316933
Analyzed: 01/03/2013 15:17
Units: ug/sample

Analyte	Result	MDL	RL
Cadmium	ND	0.0225	0.075
Lead	ND	0.375	1.25

LMB: 316934
Analyzed: 01/03/2013 15:30
Units: ug/sample

Analyte	Result	MDL	RL
Cadmium	ND	0.0225	0.075
Lead	ND	0.375	1.25

Laboratory Control Sample - Laboratory Control Sample Duplicate

LCS: 316935
Analyzed: 01/03/2013 15:34
Units: ug/sample

LCSD: 316936
Analyzed: 01/03/2013 15:37

Analyte	Result	Target	% Recovery	QC Limits		Result	RPD	QC Limits	
Cadmium	10.7	10	107	89.8	112.5	10.6	1.58	0	15
Lead	104	100	104	88	115	102	2	0	15

Comments

The MCE LMB 316934 was above the reporting limit for magnesium (1.42 µg/sample) so the LCS 316935 and LCSD 316936 results have been media blank corrected for magnesium with LMB 316934.

The Whatman wipe LMB 316969 was above the reporting limit for magnesium (1.25 µg/sample) so the LCS 316970 and LCSD 316971 results have been media blank corrected for magnesium with LMB 316969.

The LCS 316935 and LCSD 316936 titanium recoveries of 112 and 111% were high outside of current limits but within method limits of ±20% so data was reported as is without further comment.

The LCS 316935 yttrium recovery of 111% was high outside of current limits but within method limits of ±20% so data was reported as is without further comment.

QC Data Approved and Reviewed by

Penny A. Foote	Peter P. Steen	1/4/2013
Analyst	**Peer Review**	**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
QC results are not adjusted for moisture correction, where applicable

Laboratory Review Checklist: Reportable Data							
Laboratory Name: ALS Environmental Laboratory			LRC Date: 01/04/2013				
Project Name: Exide, Frisco			Laboratory Job Number: 1300305				
Reviewer Name: Paul Pope			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		

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Laboratory Review Checklist: Reportable Data							
Laboratory Name: ALS Environmental Laboratory			Laboratory Name: 01/04/2013				
Project Name: Exide, Frisco			Project Name: 1300305				
Reviewer Name: Paul Pope			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				

1. 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.
2. O = Organic Analyses; I = Inorganic Analyses (and general chemistry, when applicable);
3. NA = Not Applicable;
4. NR = Not Reviewed;
5. 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: 01/04/2013
Project Name: Exide, Frisco		Laboratory Job Number: 1300305
Reviewer Name: Paul Pope		Prep Batch Number(s):
ER#[5]	**Description**	

Chain of Custody

W 1300305

1300305

1. ☐ **REGULAR Status**

☒ **RUSH Status Requested - ADDITIONAL CHARGE**
RESULTS REQUIRED BY 1·2·13
DATE
CONTACT ALS SALT LAKE PRIOR TO SENDING SAMPLES

2. Date 12·31·12 Purchase Order No. 21252

3. Company Name Remediation Services, inc.
Address PO Box 587
Independence, KS 67301
Person to Contact: Grant Sherwood
Telephone (620) 331-1200
Fax Telephone (620) 331-6216
E-mail Address gsherwood@rsi-ks.com
Billing Address (if different from above)

4. Quote No.
ALS Project Manager Paul Pope

5. **Sample Collection**
Sampling Site: Exide Frisco
Industrial Process: Decontamination and Demo
Date of Collection 12·31·12
Time Collected 7:00 - 16:30
Date of Shipment 12·31·12

Send Results to: gsherwood@rsi-ks.com, jrgillman@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**
	EXDEMD121231 DW 607	37 um MCE	1926 L	NIOSH 7303 - Lead and Cadmium	ug/m^3
	EXDEMD121231 DW 001	37 um MCE	1891 L	NIOSH 7303 - Lead and Cadmium	ug/m^3
	EXDEMD121231 DW 526	37 um MCE	1937 L	NIOSH 7303 - Lead and Cadmium	ug/m^3
	EXDEMD121231 DW 605	37 um MCE	1821 L	NIOSH 7303 - Lead and Cadmium	ug/m^3
		37 um MCE		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

Possible Contamination and/or Chemical Hazards: Lead and cadmium

7. **Chain of Custody (Optional)**

Relinquished by JOHNNY GILLMAN Date/Time 12·31·12 18:00
Received by [signature] Date/Time 01/03/12 1005
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

ANALYTICAL REPORT

Report Date: January 04, 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: **34-1300304**
Client Project ID: 21252/Exide Frisco 010312
Purchase Order: 21252
Project Manager: Paul Pope

Analytical Results

Sample ID: **EXDEMO130102 UW 605** Media: MCE Filter Collected: 01/02/2013
Lab ID: 1300304001 Sampling Location: Exide Frisco Received: 01/03/2013

Method: NIOSH 7300 Mod. **Sampling Parameter:** Air Volume 1917 L **Prepared:** 01/03/2013 **Analyzed:** 01/03/2013

Analyte	ug/sample	ug/m³	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.012	0.023	0.075
Lead	<0.38	<0.20	0.38	1.3

Sample ID: **EXDEMO130102 DW 607** Media: MCE Filter Collected: 01/02/2013
Lab ID: 1300304002 Sampling Location: Exide Frisco Received: 01/03/2013

Method: NIOSH 7300 Mod. **Sampling Parameter:** Air Volume 2004 L **Prepared:** 01/03/2013 **Analyzed:** 01/03/2013

Analyte	ug/sample	ug/m³	LOD (ug/sample)	RL (ug/sample)
Cadmium	**(0.026)**	**(0.013)**	0.023	0.075
Lead	<0.38	<0.19	0.38	1.3

Sample ID: **EXDEMO130102 DW 001** Media: MCE Filter Collected: 01/02/2013
Lab ID: 1300304003 Sampling Location: Exide Frisco Received: 01/03/2013

Method: NIOSH 7300 Mod. **Sampling Parameter:** Air Volume 2049 L **Prepared:** 01/03/2013 **Analyzed:** 01/03/2013

Analyte	ug/sample	ug/m³	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: **EXDEMO130102 FB** Media: MCE Filter Collected: 01/02/2013
Lab ID: 1300304004 Sampling Location: Exide Frisco Received: 01/03/2013

Method: NIOSH 7300 Mod. **Sampling Parameter:** Air Volume Not Applicable **Prepared:** 01/03/2013 **Analyzed:** 01/03/2013

Analyte	ug/sample	ug/m³	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	NA	0.023	0.075

Results Continued on Next Page

ANALYTICAL REPORT

Workorder: **34-1300304**
Client Project ID: 21252/Exide Frisco 010312
Purchase Order: 21252
Project Manager: Paul Pope

Analytical Results

Sample ID: **EXDEMO130102 FB** Media: MCE Filter Collected: 01/02/2013
Lab ID: 1300304004 Sampling Location: Exide Frisco Received: 01/03/2013

Method: NIOSH 7300 Mod. **Sampling Parameter:** Air Volume Not Applicable **Prepared:** 01/03/2013 **Analyzed:** 01/03/2013

Analyte	ug/sample	ug/m³	LOD (ug/sample)	RL (ug/sample)
Lead	<0.38	NA	0.38	1.3

Sample ID: **EXDEMO130102 DW 526** Media: MCE Filter Collected: 01/02/2013
Lab ID: 1300304005 Sampling Location: Exide Frisco Received: 01/03/2013

Method: NIOSH 7300 Mod. **Sampling Parameter:** Air Volume 2065 L **Prepared:** 01/03/2013 **Analyzed:** 01/03/2013

Analyte	ug/sample	ug/m³	LOD (ug/sample)	RL (ug/sample)
Cadmium	**(0.030)**	**(0.014)**	0.023	0.075
Lead	<0.38	<0.18	0.38	1.3

Comments

Quality Control: NIOSH 7300 Mod. - (HBN: 100262)

The MCE LMB 316934 was above the reporting limit for magnesium (1.42 µg/sample) so the LCS 316935 and LCSD 316936 results have been media blank corrected for magnesium with LMB 316934.

The Whatman wipe LMB 316969 was above the reporting limit for magnesium (1.25 µg/sample) so the LCS 316970 and LCSD 316971 results have been media blank corrected for magnesium with LMB 316969.

The LCS 316935 and LCSD 316936 titanium recoveries of 112 and 111% were high outside of current limits but within method limits of ±20% so data was reported as is without further comment.

The LCS 316935 yttrium recovery of 111% was high outside of current limits but within method limits of ±20% so data was reported as is without further comment.

Report Authorization

Method	Analyst	Peer Review
NIOSH 7300 Mod.	Penny A. Foote	Peter P. Steen

Laboratory Contact Information

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

Phone: (801) 266-7700
Email: alslt.lab@ALSGlobal.com
Web: www.alsslc.com

ANALYTICAL REPORT

Workorder: **34-1300304**
Client Project ID: 21252/Exide Frisco 010312
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	ACLASS (DoD ELAP)	ADE-1420	http://www.aclasscorp.com
	Utah (NELAC)	DATA1	http://health.utah.gov/lab/labimp/
	Nevada	UT00009	http://ndep.nv.gov/bsdw/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	ACLASS (ISO 17025, CPSC)	ADE-1420	http://www.aclasscorp.com
Soil, Dust, Paint ,Air	AIHA (ISO 17025, AIHA ELLAP and NLLAP)	101574	http://www.aihaaccreditedlabs.org
Dietary Supplements	ACLASS (ISO 17025)	ADE-1420	http://www.aclasscorp.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: **1300304**

Limits: Historical/Performance	**Preparation:** IH Metals, MCE Prep	**Analysis:** IH Metals QC
Basis: ALS Laboratory Group	**Batch:** IIPX/11644 (HBN: 100207)	**Batch:** IICP/7742 (HBN: 100262)
	Prepared By: Adam K. Taft	**Analyzed By:** Penny A. Foote

Blank

Blank: 316933
Analyzed: 01/03/2013 15:17
Units: ug/sample

Analyte	Result	MDL	RL
Cadmium	ND	0.0225	0.075
Lead	ND	0.375	1.25

LMB: 316934
Analyzed: 01/03/2013 15:30
Units: ug/sample

Analyte	Result	MDL	RL
Cadmium	ND	0.0225	0.075
Lead	ND	0.375	1.25

Laboratory Control Sample - Laboratory Control Sample Duplicate

LCS: 316935
Analyzed: 01/03/2013 15:34
Units: ug/sample

LCSD: 316936
Analyzed: 01/03/2013 15:37

Analyte	Result	Target	% Recovery	QC Limits		Result	RPD	QC Limits	
Cadmium	10.7	10	107	89.8	112.5	10.6	1.58	0	15
Lead	104	100	104	88	115	102	2	0	15

Comments

The MCE LMB 316934 was above the reporting limit for magnesium (1.42 µg/sample) so the LCS 316935 and LCSD 316936 results have been media blank corrected for magnesium with LMB 316934.

The Whatman wipe LMB 316969 was above the reporting limit for magnesium (1.25 µg/sample) so the LCS 316970 and LCSD 316971 results have been media blank corrected for magnesium with LMB 316969.

The LCS 316935 and LCSD 316936 titanium recoveries of 112 and 111% were high outside of current limits but within method limits of ±20% so data was reported as is without further comment.

The LCS 316935 yttrium recovery of 111% was high outside of current limits but within method limits of ±20% so data was reported as is without further comment.

QC Data Approved and Reviewed by

Penny A. Foote	Peter P. Steen	1/4/2013
Analyst	**Peer Review**	**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
QC results are not adjusted for moisture correction, where applicable

Laboratory Review Checklist: Reportable Data							
Laboratory Name: ALS Environmental Laboratory			LRC Date: 01/04/13				
Project Name: Exide, Frisco			Laboratory Job Number: 1300304				
Reviewer Name: Paul Pope			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		

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Laboratory Review Checklist: Reportable Data							
Laboratory Name: ALS Environmental Laboratory			Laboratory Name: 01/04/13				
Project Name: Exide, Frisco			Project Name: 1300304				
Reviewer Name: Paul Pope			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				

1. 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.
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5. 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: 01/04/13
Project Name: Exide, Frisco		Laboratory Job Number: 1300304
Reviewer Name: Paul Pope		Prep Batch Number(s):
ER#[5]	**Description**	

W 1300304

Chain of Custody

1300304

1. ☐ **REGULAR Status**

☒ **RUSH Status Requested - ADDITIONAL CHARGE**
RESULTS REQUIRED BY 01/04/13
DATE
CONTACT ALS SALT LAKE PRIOR TO SENDING SAMPLES

2. Date 01-02-13 Purchase Order No. 21252

3. Company Name Remediation Services, inc.

Address PO Box 587

Independence, KS 67301

Person to Contact: Grant Sherwood

Telephone (620) 331-1200

Fax Telephone (620) 331-6216

E-mail Address gsherwood@rsi-ks.com

Billing Address (if different from above)

4. Quote No.

ALS Project Manager Paul Pope

5. **Sample Collection**

Sampling Site: Exide Frisco

Industrial Process: Decontamination and Demo

Date of Collection 01-02-13

Time Collected 7:00 - 17:00

Date of Shipment 01-02-13

Send Resilts to: gsherwood@rsi-ks.com, jrgillman@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**
	EXDEMO 130102 DW 605	37 um MCE	1917L	NIOSH 7303 - Lead and Cadmium	ug/m^3
	EXDEMO 130102 DW 607	37 um MCE	2004L	NIOSH 7303 - Lead and Cadmium	ug/m^3
	EXDEMO 130102 DW 001	37 um MCE	2049L	NIOSH 7303 - Lead and Cadmium	ug/m^3
	EXDEMO 130102 DW 926	37 um MCE	2065L	NIOSH 7303 - Lead and Cadmium	ug/m^3
	EXDEMO 130102 FB	37 um MCE	—	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

Possible Contamination and/or Chemical Hazards: Lead and cadmium

7. Chain of Custody (Optional)

Relinquished by Johnny Gillman Date/Time 01-02-13 18:30

Received by Date/Time 01-03-13 10:05

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

ANALYTICAL REPORT

Report Date: January 08, 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: **34-1300701**
Client Project ID: 21252/Exide Frisco 010713
Purchase Order: 21252
Project Manager: Paul Pope

Analytical Results

Sample ID: **EX DEMO13 0104 DW 607** Media: MCE Filter Collected: 01/04/2013
Lab ID: 1300701001 Sampling Location: Exide Frisco Received: 01/07/2013

Method: NIOSH 7300 Mod. **Sampling Parameter:** Air Volume 1949 L **Prepared:** 01/07/2013 **Analyzed:** 01/07/2013

Analyte	ug/sample	ug/m³	LOD (ug/sample)	RL (ug/sample)
Cadmium	**(0.025)**	**(0.013)**	0.023	0.075
Lead	<0.38	<0.19	0.38	1.3

Sample ID: **EX DEMO13 0104 DW 001** Media: MCE Filter Collected: 01/04/2013
Lab ID: 1300701002 Sampling Location: Exide Frisco Received: 01/07/2013

Method: NIOSH 7300 Mod. **Sampling Parameter:** Air Volume 1961 L **Prepared:** 01/07/2013 **Analyzed:** 01/07/2013

Analyte	ug/sample	ug/m³	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.011	0.023	0.075
Lead	<0.38	<0.19	0.38	1.3

Sample ID: **EX DEMO13 0104 DW 526** Media: MCE Filter Collected: 01/04/2013
Lab ID: 1300701003 Sampling Location: Exide Frisco Received: 01/07/2013

Method: NIOSH 7300 Mod. **Sampling Parameter:** Air Volume 1942 L **Prepared:** 01/07/2013 **Analyzed:** 01/07/2013

Analyte	ug/sample	ug/m³	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.012	0.023	0.075
Lead	<0.38	<0.19	0.38	1.3

Sample ID: **EX DEMO13 0104 UW 605** Media: MCE Filter Collected: 01/04/2013
Lab ID: 1300701004 Sampling Location: Exide Frisco Received: 01/07/2013

Method: NIOSH 7300 Mod. **Sampling Parameter:** Air Volume 1897 L **Prepared:** 01/07/2013 **Analyzed:** 01/07/2013

Analyte	ug/sample	ug/m³	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.012	0.023	0.075

Results Continued on Next Page

ANALYTICAL REPORT

Workorder: **34-1300701**
Client Project ID: 21252/Exide Frisco 010713
Purchase Order: 21252
Project Manager: Paul Pope

Analytical Results

Sample ID: **EX DEMO13 0104 UW 605** Media: MCE Filter Collected: 01/04/2013
Lab ID: 1300701004 Sampling Location: Exide Frisco Received: 01/07/2013

Method: **NIOSH 7300 Mod.** **Sampling Parameter:** **Air Volume 1897 L** **Prepared:** 01/07/2013 **Analyzed:** 01/07/2013

Analyte	ug/sample	ug/m³	LOD (ug/sample)	RL (ug/sample)
Lead	<0.38	<0.20	0.38	1.3

Comments

Quality Control: **NIOSH 7300 Mod. - (HBN: 100408)**

The MCE plus backup pad LMB 317215 was above the reporting limit for calcium (25.9 µg/sample), magnesium (4.13 µg/sample), and sodium (99.2 µg/sample). The LCS 317216 and LCSD 317217 results have been media blank corrected for calcium, magnesium, and sodium with LMB 317215.

The silver recoveries for MCE plus backup pad matrix LCS 317216 and LCSD 317217 were outside of current limits at 29.5% and 33.8%. The associated MCE only LCS and LCSD samples had silver recoveries within limits. Silver has been observed to fall out of solution when spiked on back-up pad matrix, which may be the cause of the low silver recoveries.

Report Authorization

Method	Analyst	Peer Review
NIOSH 7300 Mod.	Peter P. Steen	Penny A. Foote

Laboratory Contact Information

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

Phone: (801) 266-7700
Email: alslt.lab@ALSGlobal.com
Web: www.alsslc.com

ANALYTICAL REPORT

Workorder: **34-1300701**
Client Project ID: 21252/Exide Frisco 010713
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	ACLASS (DoD ELAP)	ADE-1420	http://www.aclasscorp.com
	Utah (NELAC)	DATA1	http://health.utah.gov/lab/labimp/
	Nevada	UT00009	http://ndep.nv.gov/bsdw/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	ACLASS (ISO 17025, CPSC)	ADE-1420	http://www.aclasscorp.com
Soil, Dust, Paint ,Air	AIHA (ISO 17025, AIHA ELLAP and NLLAP)	101574	http://www.aihaaccreditedlabs.org
Dietary Supplements	ACLASS (ISO 17025)	ADE-1420	http://www.aclasscorp.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: **1300701**

Limits: Historical/Performance
Basis: ALS Laboratory Group

Preparation: IH Metals, MCE Prep
Batch: IIPX/11658 (HBN: 100377)
Prepared By: Adam K. Taft

Analysis: IH Metals QC
Batch: IICP/7750 (HBN: 100408)
Analyzed By: Peter P. Steen

Blank

Blank: 317210
Analyzed: 01/07/2013 15:25
Units: ug/sample

Analyte	Result	MDL	RL
Cadmium	ND	0.0225	0.075
Lead	ND	0.375	1.25

LMB: 317211
Analyzed: 01/07/2013 15:28
Units: ug/sample

Analyte	Result	MDL	RL
Cadmium	ND	0.0225	0.075
Lead	ND	0.375	1.25

Blank: 317214
Analyzed: 01/07/2013 17:17
Units: ug/sample

Analyte	Result	MDL	RL
Cadmium	ND	0.0225	0.075
Lead	ND	0.375	1.25

LMB: 317215
Analyzed: 01/07/2013 17:31
Units: ug/sample

Analyte	Result	MDL	RL
Cadmium	0.0304	0.0225	0.075
Lead	ND	0.375	1.25

Laboratory Control Sample - Laboratory Control Sample Duplicate

LCS: 317212
Analyzed: 01/07/2013 15:32
Units: ug/sample

LCSD: 317213
Analyzed: 01/07/2013 15:35

Analyte	Result	Target	% Recovery	QC Limits		Result	RPD	QC Limits	
Cadmium	10.2	10	102	89.8	112.5	10.2	0.0552	0	15
Lead	102	100	102	88	115	103	0.257	0	15

LCS: 317216
Analyzed: 01/07/2013 17:34
Units: ug/sample

LCSD: 317217
Analyzed: 01/07/2013 17:38

Analyte	Result	Target	% Recovery	QC Limits		Result	RPD	QC Limits	
Cadmium	10.2	10	102	89.8	112.5	10.2	0.425	0	15
Lead	103	100	103	88	115	102	0.289	0	15

Quality Control Sample
Batch Report

Analysis Information

Workorder: **1300701**

Limits: Historical/Performance	**Preparation:** IH Metals, MCE Prep	**Analysis:** IH Metals QC
Basis: ALS Laboratory Group	**Batch:** IIPX/11658 (HBN: 100377)	**Batch:** IICP/7750 (HBN: 100408)
	Prepared By: Adam K. Taft	**Analyzed By:** Peter P. Steen

Comments

The MCE plus backup pad LMB 317215 was above the reporting limit for calcium (25.9 µg/sample), magnesium (4.13 µg/sample), and sodium (99.2 µg/sample). The LCS 317216 and LCSD 317217 results have been media blank corrected for calcium, magnesium, and sodium with LMB 317215.

The silver recoveries for MCE plus backup pad matrix LCS 317216 and LCSD 317217 were outside of current limits at 29.5% and 33.8%. The associated MCE only LCS and LCSD samples had silver recoveries within limits. Silver has been observed to fall out of solution when spiked on back-up pad matrix, which may be the cause of the low silver recoveries.

QC Data Approved and Reviewed by

Peter P. Steen	Penny A. Foote	1/8/2013
Analyst	**Peer Review**	**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
QC results are not adjusted for moisture correction, where applicable

Laboratory Review Checklist: Reportable Data							
Laboratory Name: ALS Environmental Laboratory			LRC Date: 01/08/13				
Project Name: Exide, Frisco			Laboratory Job Number: 1300701				
Reviewer Name: Paul Pope			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		

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Laboratory Review Checklist: Reportable Data							
Laboratory Name: ALS Environmental Laboratory			LRC Date: 01/08/13				
Project Name: Exide, Frisco			Laboratory Job Number: 1300701				
Reviewer Name: Paul Pope			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				

1. 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.
2. O = Organic Analyses; I = Inorganic Analyses (and general chemistry, when applicable);
3. NA = Not Applicable;
4. NR = Not Reviewed;
5. 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: 01/08/13
Project Name: Exide, Frisco		Laboratory Job Number: 1300701
Reviewer Name: Paul Pope		Prep Batch Number(s):
ER#[5]	**Description**	
	** Work Order 1300701 Quality Control Sample Batch Report has an extra reagent blank (317214) and media blank (317215)	
	added to accommodate another client's media requirements. Media blank 317215 had both an MCE membrane and back up pad	
	run. The media blank had a trace level of cadmium reported above the limit of detection. Please note that this media blank does not	
	apply to Work Order 1300701 since only an MCE filter membrane was run for this set (LMB 317211).	

W 1300701

Chain of Custody

1300701

1. ☐ **REGULAR Status**

☒ **RUSH Status Requested - ADDITIONAL CHARGE**
RESULTS REQUIRED BY 01.07.13
DATE
CONTACT ALS SALT LAKE PRIOR TO SENDING SAMPLES

2. Date 01.04.13 Purchase Order No. 21252

3. Company Name Remediation Services, inc.
Address PO Box 587
Independence, KS 67301
Person to Contact: Grant Sherwood
Telephone (620) 331-1200
Fax Telephone (620) 331-6216
E-mail Address gsherwood@rsi-ks.com
Billing Address (if different from above)

4. Quote No.
ALS Project Manager Paul Pope

5. **Sample Collection**
Sampling Site: Exide Frisco
Industrial Process: Decontamination and Demo
Date of Collection 01.04.13
Time Collected 7:00 - 17:00
Date of Shipment 01.04.13

Send Resilts to: gsherwood@rsi-ks.com, lrgillman@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**
	EXDEMO130104DW 607	37 um MCE	1949L	NIOSH 7303 - Lead and Cadmium	ug/m^3
	EXDEMO130104DW 001	37 um MCE	1961L	NIOSH 7303 - Lead and Cadmium	ug/m^3
	EXDEMO130104DW 526	37 um MCE	1942L	NIOSH 7303 - Lead and Cadmium	ug/m^3
	EXDEMO130104UW 605	37 um MCE	1897L	NIOSH 7303 - Lead and Cadmium	ug/m^3
		37 um MCE		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

Possible Contamination and/or Chemical Hazards: Lead and cadmium

7. Chain of Custody (Optional)

Relinquished by Johnny Gillman Date/Time 18:30 01.04.13
Received by Date/Time 01-07-13 10:00
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