

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:

www.wh-m.com

PLANO

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

		Description	Details	Remarks
\boxtimes	A	Daily Summary Report	Real-time Particulate Monitoring, Wind	
			Speed & Direction	
\boxtimes	В	Take Action/Stop Work	Response actions taken due to high wind or	1
		Notifications	elevated real-time particulate readings	
\boxtimes	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	
	Е	Analytical Report – Metals	Laboratory Data Report for Pb/Cd in air	
		Analysis	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.

Frank W Clark.

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

Date	Time Interval (30-min blocks)	E-BAM G4605 30-min avg (mg/m³)	E-BAM F5001 30-min avg (mg/m³)	E-BAM G4526 30-min avg (mg/m³)	E-BAM G4607 30-min avg (mg/m³)	Wind Direction (30-min avg from N)	Wind Speed (30-min avg mph)
		Upwind	Downwind	Downwind	Downwind		
	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
112	11:30-11:59		0.027	0.011	0.135	311	3.3
12/31/2012	12:00-12:29		0.010	0.012	0.153	275	2.7
2/31	12:30-12:59		0.017	0.027	0.084	235	1.4
i ii	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	
	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	
	16:30-16:59				0.019	201	3.7
	17:00-17:29				0.022	166	
	17:30-17:59				0.021	94	1.8
Da	ily Averages>	0.026	0.018	0.026	0.057	194	6.0

- 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

Date	Time Interval (30-min blocks)	E-BAM G4605 30-min avg (mg/m³)	E-BAM F5001 30-min avg (mg/m³)	E-BAM G4526 30-min avg (mg/m³)	E-BAM G4607 30-min avg (mg/m³)	Wind Direction (30-min avg from N)	Wind Speed (30-min avg mph)
		Upwind	Downwind	Downwind	Downwind		
	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
κį	11:30-11:59	0.018	0.031	0.021	0.028	307	8.7
1/2/2013	12:00-12:29	0.015	0.034	0.019	0.025	304	9.3
1/5/	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
Da	ily Averages>	0.030	0.023	0.023	0.022	303	6.5

- 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

Date	Time Interval (30-min blocks)	30-min avg		E-BAM G4526 30-min avg (mg/m³)	E-BAM G4607 30-min avg (mg/m³)	Wind Direction (30-min avg from N)	Wind Speed (30-min avg mph)
		Upwind	Downwind	Downwind	Downwind		
	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
<u> </u>	11:30-11:59	0.003	0.007	0.011	0.010	56	7.4
1/3/2013	12:00-12:29	0.016	0.009	0.003	0.010	91	7.3
1/3/	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
Da	ily Averages>	0.019	0.014	0.015	0.020	204	6.6

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Date	Time Interval (30-min blocks)	E-BAM G4605 30-min avg (mg/m³)	E-BAM F5001 30-min avg (mg/m ³)	E-BAM G4526 30-min avg (mg/m³)	E-BAM G4607 30-min avg (mg/m³)	Wind Direction (30-min avg from N)	Wind Speed (30-min avg mph)
		Upwind	Downwind	Downwind	Downwind		
	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
<u> </u>	11:30-11:59	0.018	0.015	0.012	0.019	275	5.6
1/4/2013	12:00-12:29	0.014	0.007	0.009	0.023	292	4.3
1/4/	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
Da	ily Averages>	0.014	0.011	0.013	0.017	212	3.3

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		Upwind	Downwind	Downwind	Downwind		
	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
<u>m</u>	11:30-11:59	0.022	0.029	0.015	0.032	221	7.9
1/5/2013	12:00-12:29	0.011	0.005	-0.002	0.026	199	7.6
1/2/	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
Da	ily Averages>	0.024	0.017	0.018	0.028	192	6.8

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- Wind direction values are reported as the origin of the wind as referenced in degrees from North

TAKE ACTION/STOP WORK NOTIFICATIONS

ATTACHMENT B

Date	Time	Condition	Status	Parameter	Notification Subject Line	Measured Value	Criterion	Comments
	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
2012								
12/31/2012								
12								
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Date	Time	Condition	Status	Parameter	Notification Subject Line	Measured Value	Criterion	Comments
	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
1/2/2013								
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Date	Time	Condition	Status	Parameter	Notification Subject Line	Measured Value	Criterion	Comments
	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
013								
1/3/2013								

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Frisco.	Texas

Date	Time	Condition	Status	Parameter	Notification Subject Line	Measured Value	Criterion	Comments
	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
1/4/2013								
1/7								

Date	Time	Condition	Status	Parameter	Notification Subject Line	Measured Value	Criterion	Comments
	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
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1/5/2013								
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FIELD DATA SHEETS – E-BAMS

ATTACHMENT C

E-Bam Particulate Monitoring

Remediation Services, Inc.

RSI Project No:

21252

Exide, Frisco TX

Project Name: Facility Decontamination

Technician Name

JOHNM GILLMON

Sampling Date

12.31.12

E-BAM SN	G4607
Upwind 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

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4	
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E-BAM SN	G4605		
Upwind	X		
Downwind			
GPS LOCATION	~~~~		
Latitude	33.13572		
Longitude DATE OF LAST EBAM LEAK CHECK	96.82722		
	12-1215		
EBAM PAIRED WITH LOW VOL PUMP?	YES		
START TIME:	7:00		
END TIME:	18:00		

E DAM CN	04500
E-BAM SN	G4526
Upwind	
Downwind	\sim
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	21.21-21
EBAM PAIRED WITH LOW VOL PUMP?	YES
START TIME:	7:00
END TIME:	18:00

E-Bam Particulate Monitoring

Remediation Services, Inc.

RSI Project No:

21252

Exide, Frisco TX

Project Name: Facility Decontamination

Technician Name

DORNAY GILLMAN

Sampling Date

01-02.03

E-BAM SN	G4607
Upwind	
Downwind	X
GPS LOCATION	STATE OF THE PARTY
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	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 DAM CN	CAFOC

E-BAM SN	G4526
Upwind	
Downwind	\times
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	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	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

E-Bam Particulate Monitoring

Remediation Services, Inc.

RSI Project No:

21252

Exide, Frisco TX

Project Name: | Facility Decontamination

Technician Name

JOISMAN GYLLMAN

Sampling Date

01.03.13

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?	N 0
START TIME:	7:00
END TIME:	18:00

Downwind	×
GPS LOCATION	
Latitude	33.13688
Longitude	96.82879
DATE OF LAST EBAM LEAK CHECK EBAM PAIRED WITH LOW VOL PUMP?	12.17.12
	No
START TIME:	7:00
END TIME:	18:00
E-BAM SN	G4526
Upwind	

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	G4605
Upwind	×
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	F5001
Upwind	
Downwind	V
GPS LOCATION	Service and the service and th
Latitude	33.13572
Longitude	96.82722
DATE OF LAST EBAM LEAK CHECK	12.16.12
EBAM PAIRED WITH LOW VOL PUMP?	20
START TIME:	7:00
END TIME:	15:00

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	×
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	G4607
Upwind	
Downwind	×
GPS LOCATION	
Latitude	33.13688
Longitude	96.82879
DATE OF LAST EBAM LEAK CHECK	12.17.12
EBAM PAIRED WITH LOW VOL PUMP?	YES
STAR I TIME:	7:00
END TIME:	18:00
F-RAM SN	G4526

E DAM ON	0.1700
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?	\(\e_5\)
START TIME:	7100
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	72-17-12
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	33.13572
Longitude	96.82722
DATE OF LAST EBAM LEAK CHECK	12.16.12
EBAM PAIRED WITH LOW VOL PUMP?	1/23
START TIME:	معرد ٦
END TIME:	18:00

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	×
GPS LOCATION	THE REAL PROPERTY.
Latitude	33.14321
Longitude	96.82783
DATE OF LAST EBAM LEAK CHECK	12-17-12
EBAM PAIRED WITH LOW VOL PUMP?	No
START TIME:	7100
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:	סטירו

E-BAM SN	G4526
Upwind	
Downwind	×
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	Y
GPS LOCATION	
Latitude	85841.88
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, Decontamination Analysis NIOSH 7303 Lead/Cadmium Landfill Stab, etc) Technician Name: Date Samples Collected: GILMAN 12.31.12

Pump No. 3013	1
Upwind	
Downwind	×
Sample ID #	EXDEMOISISION GOT
E-Bam Number	64607
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	×
Sample ID#	EXDEMO 121231 DW SZG
E-Bam Number	64526
Flow Rate: Start (L/min)	3.362
Flow Rate: Stop (L/min)	3.45 L
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	*
Sample ID#	FOOMO IESISI OMOOI
E-Bam Number	F500)
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)	1891L

Pump No. 3620	4
Upwind	>
Downwind	
Sample ID#	EXDEMOTRIZION 605
E-Bam Number	64605
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)	1821L

Field Blank (if collected) 1 - Per Week Required

production of the second of the second of the second		_
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, Decontamination Analysis NIOSH 7303 Lead/Cadmium Landfill Stab. etc) Technician Name: Gruman Date Samples Collected: 01-02-13 Pump No. 3013 Pump No. 3014 1 2 Upwind Upwind Downwind Downwind EXDEMO130102 DW001 Sample ID# Sample ID# EXDEMOISO1020N52 E-Bam Number FSOOT E-Bam Number 64526 Flow Rate: Start (L/min) 3.34 L Flow Rate: Start (L/min) 3.38 L Flow Rate: Stop (L/min) 3472 Flow Rate: Stop (L/min) 3.48L Avg Flow (L/min) 3.411 Avg Flow (L/min) 3.43L Start time 7:02 Start time 7:05 End Time 17:03 End Time 17:07 Duration in minutes 601 Duration in minutes 602 Sample Volume (Liters) 20492 Sample Volume (Liters) 2065 L Pump No. 3 Pump No. 4 Upwind Upwind Downwind X Downwind Sample ID# EXDEMO 130 10 Z D W GOT Sample ID # EXDEMO 130102 UW605 E-Bam Number 64607 E-Bam Number 64605 Flow Rate: Start (L/min) Flow Rate: Start (L/min) 3.146 3.281 Flow Rate: Stop (L/min) 3.40L Flow Rate: Stop (L/min) 3.26L Avg Flow (L/min) 3.34 L 3.202 Avg Flow (L/min) Start time 7:09 Start time 7:13 **End Time** 17:09 End Time 17:14 **Duration in minutes** Duration in minutes 600 599 Sample Volume (Liters) Sample Volume (Liters) 2004 L 19172

Field Blank (if collected) 1 - Per Week Required

Upwind	NA
Downwind	NA
Flow Rate	0
Sample ID#	EXDEMO130102 FB

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, Decontamination Analysis NIOSH 7303 Lead/Cadmium Landfill Stab, etc) Technician Name: Date Samples Collected: GILLMON 01.04.13 Pump No. 3013 1 Pump No. 3014 2 Upwind Upwind Downwind Downwind Sample ID# EXDEMO1301040W526 Sample ID# EXDEMO130104 DW 001 E-Bam Number G4526 E-Bam Number F5001 Flow Rate: Start (L/min) 3.30 L Flow Rate: Start (L/min) 3.35 L 3.12L Flow Rate: Stop (L/min) Flow Rate: Stop (L/min) 3.11L 3.216 3.23L Avg Flow (L/min) Avg Flow (L/min) 6:55 Start time Start time 6:57 End Time 17:00 End Time 17:04 605 Duration in minutes Duration in minutes 607 Sample Volume (Liters) 1942 L Sample Volume (Liters) 1961L Pump No. 3015 3 Pump No. 4 3020 Upwind Upwind $\overline{\mathbf{x}}$ Downwind Downwind FOU ALD POLOGIOM SOX3 Sample ID# Sample ID# EXDEMOIZOIO4UW 605 E-Bam Number 64607 E-Bam Number 64605 Flow Rate: Start (L/min) 3.241 Flow Rate: Start (L/min) 3.14L Flow Rate: Stop (L/min) 3.16L Flow Rate: Stop (L/min) 3.046 3.204 Avg Flow (L/min) Avg Flow (L/min) 3.09 L Start time 7:00 Start time 7:07 End Time 17:09 End Time 15:11

Duration in minutes

Sample Volume (Liters)

614

18971

Field Blank (if collected) 1 - Per Week Required

Duration in minutes

Sample Volume (Liters)

Upwind	NA
Downwind	NA
Flow Rate	0
Sample ID #	

609

1949L

ANALYTICAL DATA REPORTS – METALS ANALYSIS

ATTACHMENT E



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: 12/31/201 Lab ID: 1300305001 Sampling Location: Exide Frisco Received: 01/03/201					
Method: NIOSH 7300 Mod.	Sampling Parameter: Air Volume 1926 L				01/03/2013 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 Lab ID: 1300305002 Sampling Location: Exide Frisco					d: 12/31/2012 d: 01/03/2013
Method: NIOSH 7300 Mod.	Sampling Parameter: Air Volume 1891 L				d: 01/03/2013 d: 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 R					d: 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 Med	lia: MCE Filter		Collected:	12/31/2012
Lab ID: 1300305004	Sampling Location	on: Exide Frisc	0	Received:	01/03/2013
Method: NIOSH 7300 Mod.	Sampling	Parameter: Ai	r Volume 1821 L		01/03/2013 01/03/2013
Analyte	ug/sample	ug/m³	LOD (ug/sample)	RL (ug/sample)	
Cadmium Results Continued on Next Page	<0.023	<0.012	0.023	0.075	

ADDRESS 960 West LeVoy Drive, Salt Lake City, Utah, USA 84123 | PHONE +1 801 266 7700 | FAX +1 801 268 9992 ALS GROUP USA, CORP. Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Environmental 🔈

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Workorder: 34-1300305

Client Project ID: 21252/Exide Frisco 010312 2

Purchase Order: 21252 Project Manager: Paul Pope

Analytical Results

Sample ID: EXDEMO121231 UV	V 605 Med	ia: MCE Filter		Collected: 12/31/2012
Lab ID: 1300305004	Received: 01/03/2013			
Method: NIOSH 7300 Mod.	Sampling	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 Phone: (801) 266-7700 960 W Levoy Drive Email: alslt.lab@ALSGlobal.com

Salt Lake City, Utah 84123 Web: www.alsslc.com



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.

Page 3 of 3 Fri, 01/04/13 9:43 AM IHREP-V11.0

^{**} 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 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

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

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 Lin	nits	
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

Labor	ratory	Review Checklist: Reportable Data						
Labor	ratory 1	Name: ALS Environmental Laboratory	LRC Date: 01/04/20					
			Laboratory Job Num	ıber:	130030)5		
		1	Prep Batch Number((s):				
# ¹	\mathbf{A}^{2}	Description		Yes	No	NA ³	NR ⁴	ER# ⁵
R1	OI	Chain-of-custody (C-O-C)	1 . 1 . 1 . 1 . 1					
		Did samples meet the laboratory's standard conditions of san upon receipt?	nple acceptability	X				
		Were all departures from standard conditions described in an	excention report?	Λ		X		
R2	OI	Sample and quality control (QC) identification	exception report:			Λ		
102	01	Are all field sample ID numbers cross-referenced to the labor	ratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the correspondence of the corresponden		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 br	acketed by					
		calibration standards?		X				
		Were calculations checked by a peer or supervisor?	0	X	-			
		Were all analyte identifications checked by a peer or supervision		X				
		Were sample detection limits reported for all analytes not det		X		v	+	
		Were all results for soil and sediment samples reported on a d Were % moisture (or solids) reported for all soil and sedimen				X	+	
		Were bulk soils/solids samples for volatile analysis extracted				Λ	+	
		SW-846 Method 5035?	with methanol per			X		
		If required for the project, TICs reported?				X	+	
R4	0	Surrogate recovery data				4.		
-		Were surrogates added prior to extraction?				X		
		Were surrogate percent recoveries in all samples within the la	aboratory QC					
		limits?	, ,			X		
R5	OI	Test reports/summary forms for blank samples						
		Were appropriate type(s) of blanks analyzed?						
		Were blanks analyzed at the appropriate frequency?	ppropriate frequency?					
		Were method blanks taken through the entire analytical proce						
		preparation and, if applicable, cleanup procedures?		X				
D.C	OI	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	Λ	1			
		cleanup steps?	, including prep and	X				
		Were LCSs analyzed at the required frequency?		X				
		Were LCS (and LCSD, if applicable) %Rs within the laborat	ory QC limits?	X				
		Does the detectability data document the laboratory's capabil						
		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) dat						
		Were the project/method specified analytes included in the M	AS and MSD?			X		
		Were MS/MSD analyzed at the appropriate frequency?	0011 1: 2			X	1	
		Were MS (and MSD, if applicable) %Rs within the laborator	ry QC limits?			X	+	
Do	OI	Were MS/MSD RPDs within laboratory QC limits?				X		
R8	OI	Analytical duplicate data Were appropriate analytical duplicates analyzed for each mat	triv?			X		
		Were analytical duplicates analyzed at the appropriate freque				X	+	
		Were RPDs or relative standard deviations within the laborat				X	+	
R9	OI	Method quantitation limits (MQLs):	,			•••		
		Are the MQLs for each method analyte included in the laboration	atory data package?	X				
		Do the MQLs correspond to the concentration of the lowest r						İ
		standard?		X				
		Are unadjusted MQLs and DCSs included in the laboratory d	lata package?		X			
R10	OI	Other problems/anomalies						
		Are all known problems/anomalies/special conditions noted in	in this LRC and					
		ER?			ļ	X		1
		Were all necessary corrective actions performed for the report				X	1	
		Was applicable and available technology used to lower the S	DL minimize the	v				
		matrix interference affects on the sample results? Is the laboratory NELAC-accredited under the Texas Labora	tory Program f- :	X			+	
		the analytes, matrices and methods associated with this labor				X		
	I	and analytes, matrices and methods associated with this labor	mory data package:		1	4.1		I.

Laboratory Name: ALS Environmental Laboratory Laboratory Name: (1)04/20/13	Labo	orator	y Review Checklist: Reportable Data						
Project Name: Rixide, Frisco Project Name: Paul Pope Reviewer Name: Pau				Laboratory Name: 01	/04/20)13			
Reviewer Name: Paul Pope A' A' Description Yes No NA' NR' ERG'									
## A Description Very Exposuse factors and/or relative response factors for each analyte within QC									
Oil Initial calibration (ICAL)							NA ³	NR ⁴	ER# ⁵
Imitist Were percent RSDs or correlation coefficient criteria met? X Was the number of standards recommended in the method used for all analytes? X X X X X X X X X	S1								
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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 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	. ·			cumented?	X				
Is documentation of the analyst's competency up-to-date and on file? 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	S14	OI		TGO TES 13	**				
S15 OI SO/IEC 17025 Section 5) Are all the methods used to generate the data documented, verified, and validated, where applicable? X									
S15 OI ISO/IEC 17025 Section 5) Are all the methods used to generate the data documented, verified, and validated, where applicable? X					X				
Are all the methods used to generate the data documented, verified, and validated, where applicable?	015	OI		LAC Chap 5 or					
where applicable?	815	OI		vonified and1: 1-4-1					
				verified, and validated,	Y				
DIU VI Lauvi atvi y stanuaru uperatnig procedures (DOI 5).	Q16	Oī			Λ				
Are laboratory SOPs current and on file for each method performed?	210	OI		erformed?	X				
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 retaining period.	1.	Items	s identified by the letter "R" must be included in the laboratory data pac	kage submitted in the TRRP-re		eport(s).	Items identi	fied by the le	etter "S"

Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(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;

^{2.} 3. 4. 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



1. REGULAR Status

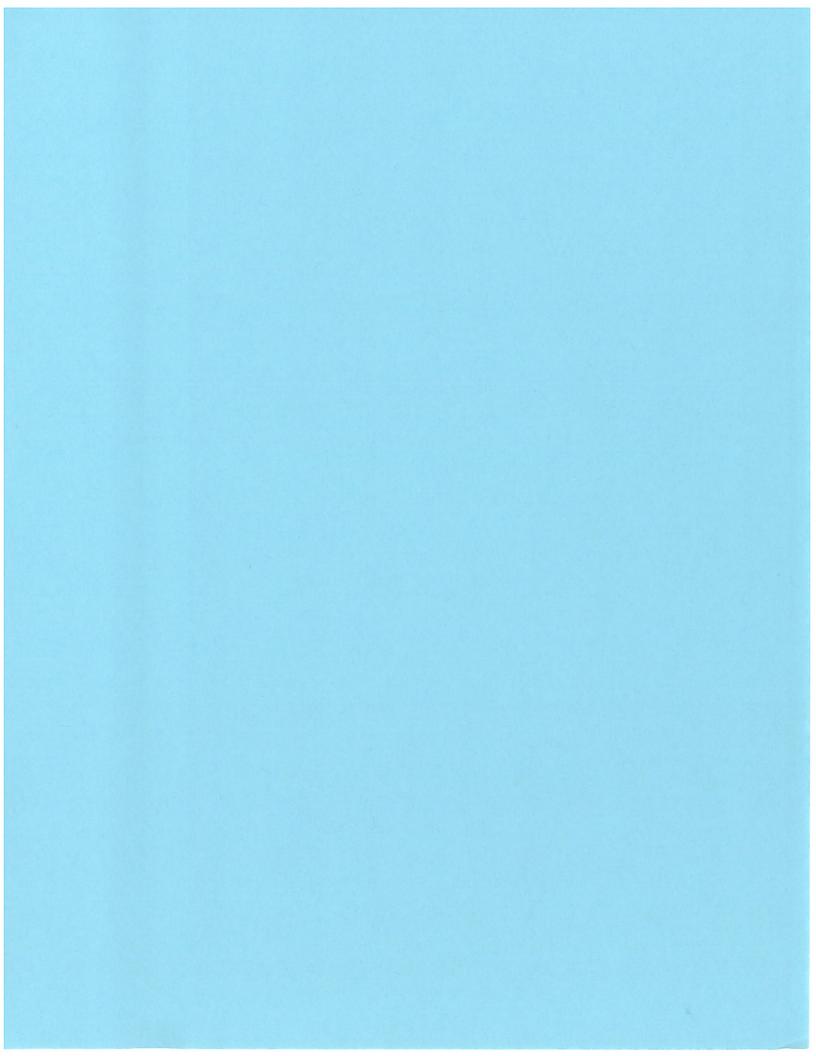
" and the second	3	0	D	3	55	,,,
--	---	---	---	---	----	-----

4	RUSH Status Requested -	ADDIT	ΓΙΟ	DNAL	CHARGE
	RESULTS REQUIRED BY	1.2	٠	13	

DATE
CONTACT ALS SALT LAKE PRIOR TO SENDING SAMPLES

				THOT ALS SALT LAKE PRIOR TO SENDING SAMP	LE2			
2. Date 12-31-12	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: Gra	ant Sherwood	Industrial Process: Decontamination and Demo						
Telephone (620) 331-1200 Fax Telephone (620) 331-6216				Date of Collection 12-3)-12 Time Collected 7:00 - 16:30				
Billing Address (if differ	rent from above)							
Send Resilts to: gsherw	vood@rsi-ks.com, jrqillman@rsi	-ks.com, vanes	ssa.coleman@	na.exide.com, droth@rsi-ks.com				
Send Invoice to: st	rotter@rsi-ks.com	****						
7. REQUEST FOR ANAL	.YSES							
Laboratory Use Only	Client Sample Number	Matrix*	Sample Volume	ANALYSES REQUESTED - Use method number if known	Units**			
	WO IESISI OMEDICA	37 um MCE	INZLL	NIOSH 7303 - Lead and Cadmium	ug/m ³			
	EXDEMPISIES! ON	37 um MCE	18916	NIOSH 7303 - Lead and Cadmium	ug/m ³			
	Exormo izizzi dm	37 um MCE	19371	NIOSH 7303 - Lead and Cadmium	ug/m ³			
	EXDEMOIZIZED DW	37 um MCE	BZIL	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)		•					
LOC =	Sample Location (e.g. UW	•		,				
XXX = QQ =	E-BAM Monitor Sample A			·				
Comments	Optional QA sample flag (TD – fub ora	nk, FB = ner	d blank, SC = duplicate)	·			
	nd/or Chemical Hazards: Lead a	and cadmium						
7. Chain of Custody (Op				1- 21	·			
Relinquished by	HUM GILMAN			Date/Time 12.31.12 18:00	<u></u>			
Received by \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	MITTION			Date/Time 1005				
Relinquished by \(\)			···	Date/Time				
Received by				Date/Time				
960 West LeVo	y Drive / Salt Lake City, UT	T 8/122	900					
SOU HEST FEAD	y brive / Gait Lake City, U1	04123 ALS Lobe		356-9135 or 801-266-7700 / FAX: 801-268-999	2			

ALS Laboratory Group





Report Date: January 04, 2013

Grant Sherwood Phone: (620) 331-1200 Remediation Services, Inc.

P.O. Box 587

Phone: (620) 331-6216

2735 South 10th Street 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

Independence, KS 67301

Sample ID: <u>EXDEMO130102 UV</u> Lab ID: 1300304001		01/02/2013 01/03/2013			
Method: NIOSH 7300 Mod.	Samplin	g Parameter: Ai	r Volume 1917 L		01/03/2013 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 D		d: 01/02/2013 d: 01/03/2013			
Method: NIOSH 7300 Mod.	Sampling Location: Exide Frisco Sampling Parameter: Air Volume 2004 L				d: 01/03/2013 d: 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 M	Media: MCE Filter			Collected: 01/02/2013	
Lab ID: 1300304003	Sampling Loca	ation: Exide Frisc	0	Receive	d: 01/03/2013	
Method: NIOSH 7300 Mod.	Sampling Parameter: Air Volume 2049 L				d: 01/03/2013 d: 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	Me	edia: MCE Filter		Collected: 01/02/2013
Lab ID: 1300304004	Sampling Loca	tion: Exide Frisc	0	Received: 01/03/2013
Method: NIOSH 7300 Mod.	Samplir	ng Parameter: Ai	r Volume Not Applic	able Prepared: 01/03/2013 Analyzed: 01/03/2013
Analyte	ug/sample	ug/m³	LOD (ug/sample)	RL (ug/sample)
Cadmium Results Continued on Next Page	<0.023	NA	0.023	0.075

ADDRESS 960 West LeVoy Drive, Salt Lake City, Utah, USA 84123 | PHONE +1 801 266 7700 | FAX +1 801 268 9992 ALS GROUP USA, CORP. Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Environmental 🐎 www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



Workorder: **34-1300304**

Client Project ID: 21252/Exide Frisco 010312

Purchase Order: 21252 Project Manager: Paul Pope

Analytical Results

Sample ID: EXDEMO130102 FB	M	ledia: MCE Filter		Collected: 01/02/2013
Lab ID: 1300304004	Sampling Loc	ation: Exide Frisc	co	Received: 01/03/2013
Method: NIOSH 7300 Mod.	Sampling Parameter: Air Volume Not Applicable			able 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 5	526	Media: MCE Filter		Collected	: 01/02/2013
Lab ID: 1300304005	Sampling Lo	cation: Exide Frisc	0	Received	: 01/03/2013
Method: NIOSH 7300 Mod.	Sampling Parameter: Air Volume 2065 L Prepared: 01/03/201 Analyzed: 01/03/201				
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 $\pm 20\%$ 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 Phone: (801) 266-7700

960 W Levoy Drive Email: alslt.lab@ALSGlobal.com

Salt Lake City, Utah 84123 Web: www.alsslc.com

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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.

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^{**} 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

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

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 Lin	nits	
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.

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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 ND - No

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

	ratory	y .	C Date: 01/04/13					
Project Name: Exide, Frisco Laboratory Job Number: 1300304								
		ame: Paul Pope Pre	p Batch Number(s)):				
$\#^1$	\mathbf{A}^2	Description	Y	Yes	No	NA ³	NR ⁴	ER#
R1	OI	Chain-of-custody (C-O-C)						
		Did samples meet the laboratory's standard conditions of sample						
		upon receipt?		X				
	0.1	Were all departures from standard conditions described in an exc	ception report?			X		
R2	OI	Sample and quality control (QC) identification	ID 1 0 3	3.7				
	1	Are all field sample ID numbers cross-referenced to the laborato		X X				_
R3	OI	Are all laboratory ID numbers cross-referenced to the corresponder test reports	aing QC data?	Λ		_		
KS	OI	Were all samples prepared and analyzed within holding times?	,	X				
		Other than those results < MQL, were all other raw values brack		Λ				+
		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				X		\top
		Were % moisture (or solids) reported for all soil and sediment sa	mples?			X		I
		Were bulk soils/solids samples for volatile analysis extracted with						
		SW-846 Method 5035?				X		
		If required for the project, TICs reported?				X		\bot
R4	0	Surrogate recovery data						
		Were surrogates added prior to extraction?	. 00			X		+-
		Were surrogate percent recoveries in all samples within the labo	ratory QC			W		
R5	OI	limits?				X		
K5	OI	Test reports/summary forms for blank samples Were appropriate type(s) of blanks analyzed?	,	X				
	1	Were blanks analyzed at the appropriate frequency?		X				+
		Were method blanks taken through the entire analytical process,		Λ				+
		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, inc	luding 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						
		COCs at the MDL used to calculate the SQLs?		X				_
D.=	0.1	Was the LCSD RPD within QC limits?	-	X		_		
R7	OI	Matrix spike (MS) and matrix spike duplicate (MSD) data	1 MCD0			37		
		Were the project/method specified analytes included in the MS a	na MSD!			X	+	+
		Were MS/MSD analyzed at the appropriate frequency? Were MS (and MSD, if applicable) %Rs within the laboratory Q	C limite?			X	+	+
		Were MS/MSD RPDs within laboratory QC limits?	C IIIIItS!			X	+	+-
R8	OI	Analytical duplicate data				Λ		
110	01	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				X	1	+
R9	OI	Method quantitation limits (MQLs):						
		Are the MQLs for each method analyte included in the laborator	y data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-						
		standard?		X				
		Are unadjusted MQLs and DCSs included in the laboratory data	package?		X			\bot
R10	OI	Other problems/anomalies						
		Are all known problems/anomalies/special conditions noted in the	nis LRC and					
		ER?	1			X		\bot
	-	Were all necessary corrective actions performed for the reported				X		+
		Was applicable and available technology used to lower the SDL		v				
		matrix interference affects on the sample results? Is the laboratory NELAC-accredited under the Texas Laboratory		X			+	+
		T IS the Taboratory INCLAC-accredited under the Texas Laboratory	FTOSTAIL TOL		ı		1	1

Laboratory Review Checklist: Reportable Data								
		Name: ALS Environmental Laboratory	Laboratory Name: 01	/04/13	}			
Project Name: Exide, Frisco Project Name: 13003								
Reviewer Name: Paul Pope Reviewer Name: Paul								
# 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 e	each analyte within QC					
		limits?	·			X		
		Were percent RSDs or correlation coefficient criteria met		X				
		Was the number of standards recommended in the method		X				
		Were all points generated between the lowest and highest s	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 app- standard?		X				
S2	OI	Initial and continuing calibration verification (ICCV ar continuing calibration blank (CCB)	nd CCV) and					
		Was the CCV analyzed at the method-required frequency?		X				
		Were percent differences for each analyte within the method		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	0	Mass spectral tuning:						
		Was the appropriate compound for the method used for tur				X		
		Were ion abundance data within the method-required QC l	imits?			X		
S4	О	Internal standards (IS):					1	
		Were IS area counts and retention times within the method				X		
S5	OI	Raw data (NELAC section 1 appendix A glossary, and sec 17025 section						
		Were the raw data (for example, chromatograms, spectral canalyst?	data) reviewed by an	X				
		Were data associated with manual integrations flagged on	the raw data?			X		
S6	О	Dual column confirmation						
		Did dual column confirmation results meet the method-req	uired QC?			X		
S7	О	Tentatively identified compounds (TICs):						
		If TICs were requested, were the mass spectra and TIC dat checks?	a subject to appropriate			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 sta	andard additions					
		Were percent differences, recoveries, and the linearity with						
		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 application studies?	able proficiency tests or	X		<u></u>		
S12	OI	Standards documentation						
		Are all standards used in the analyses NIST-traceable or of	otained from other					
		appropriate sources?		X				
S13	OI	Compound/analyte identification procedures	10					
Ođ.	0.7	Are the procedures for compound/analyte identification do	cumented?	X				
S14	OI	Demonstration of analyst competency (DOC)	ICO/IEC 49	v				
		Was DOC conducted consistent with NELAC Chapter 5C		X		1	1	
		Is documentation of the analyst's competency up-to-date a		X				
S15	OI	Verification/validation documentation for methods (NE ISO/IEC 17025 Section 5)	LAC Chap 5 or					
515	OI	Are all the methods used to generate the data documented,	verified and validated					
		where applicable?	vermou, and validated,	X				
S16	OI	Laboratory standard operating procedures (SOPs):						
210		Are laboratory SOPs current and on file for each method p	erformed?	X				
1.	Items	s identified by the letter "R" must be included in the laboratory data pac	kage submitted in the TRRP-re		eport(s).	Items identi	fied by the I	etter "S"

Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(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;

^{2.} 3. 4. 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					

1300304

Chain of Custody

1300304

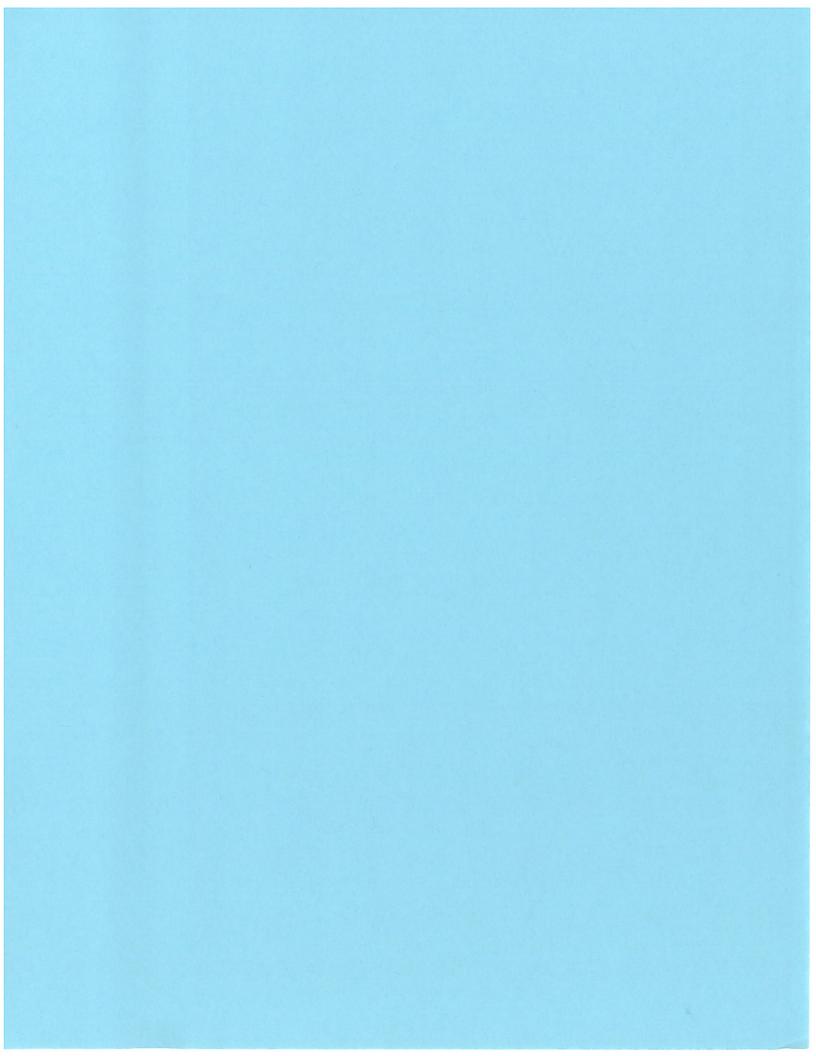
1. REGULAR Status

) K) 4	•	_1
		} '

RUSH Status Requested - RESULTS REQUIRED BY	- 1 1	Ē
RECOETO REGORRED BY	DATE	

		RES	DATE	-			
(ALS)		CON	TACT ALS SALT LAKE PRIOR TO SENDING SAMPI	LES			
2. Date 01-02-13 Purchase Order No. 2125	52		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 01 - 62 - 13				
Fax Telephone (620) 33 <u>1-6216</u>			Time Collected 7:00 - 17:00				
E-mail Address gsherwood@rsi-ks.com			Date of Shipment 01.02.13				
Billing Address (if different from above)		·					
Send Resilts to: gsherwood@rsi-ks.com, jrgillman@	<u>∂rsi-ks.com, vanes</u>	sa.coleman@r	na.exide.com, droth@rsi-ks.com				
Send Invoice to: strotter@rsi-ks.com	- (1) - (1)						
7. REQUEST FOR ANALYSES							
Laboratory Use Only Client Sample Number	Matrix*	Sample Volume	ANALYSES REQUESTED - Use method number if known	Units**			
EXDEMO 130102 UV	37 um MCE	JAIJF	NIOSH 7303 - Lead and Cadmium	ug/m ³			
EXDEMP 130102 ON	37 um MCE	20041	NIOSH 7303 - Lead and Cadmium	ug/m ³			
EXOEMD 130102 DW	37 um MCE		NIOSH 7303 - Lead and Cadmium	ug/m ³			
EXDEMP \$ 20105 DM	37 dill WOL	20652	NIOSH 7303 - Lead and Cadmium	ug/m ³			
EXDEMO 1301 OZ 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-Demolit	•						
YYMMDD = Sampling date (e.g., 11)		,					
LOC = Sample Location (e.g. U	-		•				
XXX = E-BAM Monitor Samp							
	ig (TB = trip blar	nk, FB = field	d blank, SC = duplicate)				
Comments							
		· · · · · ·		paq.			
Possible Contamination and/or Chemical Hazards: Le	ad and cadmium						
Relinquished by Johnny Grunn	<u> </u>		Date/Time 01-02-13 18:30				
Received by Currante	8 <i>SU</i>		Date/Time 21-03-10-05	Before -			
Relinquished by			Date/Time				
Received by			Date/Time				
960 West LeVoy Drive / Salt Lake City,	UT 04400		356-9135 or 801-266-7700 / FAX: 801-268-999				

ALS Laboratory Group





Report Date: January 08, 2013

Grant Sherwood Phone: (620) 331-1200 Remediation Services, Inc.

P.O. Box 587

Phone: (620) 331-6216

2735 South 10th Street 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

Independence, KS 67301

Sample ID: EX DEMO13 0104	Collected: 01/04/	2013			
Lab ID: 1300701001	Sampling Local	tion: Exide Frisc	0	Received: 01/07/	2013
Method: NIOSH 7300 Mod. Sampling Parameter: Air Volume 1949 L				Prepared: 01/07/2 Analyzed: 01/07/2	
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 Lab ID: 1300701002		d: 01/04/2013 d: 01/07/2013			
Method: NIOSH 7300 Mod.	Samplin	g Parameter: Ai		d: 01/07/2013 d: 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 Me	dia: MCE Filter		Collecte	d: 01/04/2013
Lab ID: 1300701003	Receive	d: 01/07/2013			
Method: NIOSH 7300 Mod.	Samplin	g Parameter: Ai		d: 01/07/2013 d: 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		Collected: 01/04/20)13		
Lab ID: 1300701004	Received: 01/07/20)13			
Method: NIOSH 7300 Mod.	Sampling	g Parameter: Ai	Prepared: 01/07/20 Analyzed: 01/07/20		
Analyte	ug/sample	ug/m³	LOD (ug/sample)	RL (ug/sample)	
Cadmium	<0.023	<0.012	0.023	0.075	

ADDRESS 960 West LeVoy Drive, Salt Lake City, Utah, USA 84123 | PHONE +1 801 266 7700 | FAX +1 801 268 9992 ALS GROUP USA, CORP. Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Environmental 🎥 www.alsglobal.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	Wedia Media	a: MCE Filter		Collected: 01	1/04/2013
Lab ID: 1300701004	Received: 01	1/07/2013			
Method: NIOSH 7300 Mod.	Sampling	Prepared: 01 Analyzed: 01			
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 Phone: (801) 266-7700 960 W Levoy Drive

Email: alslt.lab@ALSGlobal.com

Salt Lake City, Utah 84123 Web: www.alsslc.com



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.

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^{**} 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 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

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 LCSD: 317213
Analyzed: 01/07/2013 15:32 Analyzed: 01/07/2013 15:35

Units: ug/sample

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

LCS: 317216 LCSD: 317217

Analyzed: 01/07/2013 17:34 Analyzed: 01/07/2013 17:38

Units: ug/sample

Units: ug/sample										
Analyte	Result	Target	% Recovery	QC Lin	nits	Result	RPD	QC Lin	nits	
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 μ g/sample), magnesium (4.13 μ g/sample), and sodium (99.2 μ g/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

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						
Proje	ct Nan	ne: Exide, Frisco Lab	Laboratory Job Number: 1300701						
Revie	ewer N	ame: Paul Pope Pre	Batch Number((s):					
$\#^1$	\mathbf{A}^2	Description			No	NA ³	NR ⁴	ER#	
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 exc			X		_		
R2	OI	Sample and quality control (QC) identification	77						
	1	Are all field sample ID numbers cross-referenced to the laborator		X					
	OT	Are all laboratory ID numbers cross-referenced to the correspond	ling QC data?	X					
R3	OI	Test reports Ware all complex proposed and analyzed within holding times?		X					
		Were all samples prepared and analyzed within holding times? Other than those results < MQL, were all other raw values bracket.	atad by	Λ					
		calibration standards?	eted by	X					
		Were calculations checked by a peer or supervisor?		X				+	
		Were all analyte identifications checked by a peer or supervisor?							
		Were sample detection limits reported for all analytes not detected.							
		Were all results for soil and sediment samples reported on a dry				X			
		Were % moisture (or solids) reported for all soil and sediment sa				X			
		Were bulk soils/solids samples for volatile analysis extracted wit			 	- 11	+	1	
		SW-846 Method 5035?	cuiunoi pei			X			
		If required for the project, TICs reported?				X	+	1	
R4	0	Surrogate recovery data				1			
		Were surrogates added prior to extraction?				X			
		Were surrogate percent recoveries in all samples within the labor	ratory OC						
		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, inc.	luding prep and						
		cleanup steps?		X					
		Were LCSs analyzed at the required frequency?		X					
		Were LCS (and LCSD, if applicable) %Rs within the laboratory	Rs within the laboratory QC limits?						
		Does the detectability data document the laboratory's capability							
		COCs at the MDL used to calculate the SQLs?							
D=	OI	Was the LCSD RPD within QC limits?	MCD) 1-4-						
R7	OI	Matrix spike (MS) and matrix spike duplicate (MSD) data				37			
		Were the project/method specified analytes included in the MS a				X			
		Were MS/MSD analyzed at the appropriate frequency? Were MS (and MSD, if applicable) %Rs within the laboratory Q	C limita?		 	X	-		
		Were MS/MSD RPDs within laboratory QC limits?	C minus !		1	X		+	
R8	OI	Analytical duplicate data				Λ			
ΝO	OI	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				X	+	1	
R9	OI	Method quantitation limits (MQLs):	ζ			43			
		Are the MQLs for each method analyte included in the laboratory	y data package?	X					
		Do the MQLs correspond to the concentration of the lowest non-							
		standard?		X					
		Are unadjusted MQLs and DCSs included in the laboratory data	package?		X		1		
R10	OI	Other problems/anomalies							
			Il known problems/anomalies/special conditions noted in this LRC and						
		ER?	-			X			
		Were all necessary corrective actions performed for the reported	data?		1	X			
		Was applicable and available technology used to lower the SDL					1		
		matrix interference affects on the sample results?		X					
		Is the laboratory NELAC-accredited under the Texas Laboratory	Program for						
	1	the analytes, matrices and methods associated with this laborator				X			

Labo	rator	y Review Checklist: Reportable Data						
• •			LRC Date: 01/08/13					
			Laboratory Job Number: 1300701					
Reviewer Name: Paul Pope Reviewer Name: Paul								
# ¹	\mathbf{A}^{2}	Description			No	NA^3	NR ⁴	ER# ⁵
S1	OI	Initial calibration (ICAL)						
		Were response factors and/or relative response factors for ea	ach analyte within QC					
		limits?	· 			X		
		Were percent RSDs or correlation coefficient criteria met?		X				
			s recommended in the method used for all analytes?					
		Were all points generated between the lowest and highest st	ween the lowest and highest standard used to					
		calculate the curve?						
		Are ICAL data available for all instruments used?	:	X			+	
		standard?	rve been verified using an appropriate second source					
62	OI		l and continuing calibration verification (ICCV and CCV) and					
S2	OI	continuing calibration blank (CCB)						
		Was the CCV analyzed at the method-required frequency? Were percent differences for each analyte within the method	d magning d OC limits?	X			+	
		Was the ICAL curve verified for each analyte?	1-required QC minus?	X				
		Was the absolute value of the analyte concentration in the in	porganic CCR < MDI 9	X				
S3	0	Mass spectral tuning:	lorganic CCD < MDL:	Λ				
55	0	Was the appropriate compound for the method used for tuni	ng?			X		
		Were ion abundance data within the method-required QC lin				X		
S4	О	Internal standards (IS):						
~ -		Were IS area counts and retention times within the method-	required OC limits?			X		
		Raw data (NELAC section 1 appendix A glossary, and section 1						
S5	OI	17025 section						
		Were the raw data (for example, chromatograms, spectral data)	ata) reviewed by an					
		analyst?		X				
		Were data associated with manual integrations flagged on the	ne raw data?			X		
S6	О	Dual column confirmation						
~-	_	Did dual column confirmation results meet the method-requ	ired QC?			X		
S7	О	Tentatively identified compounds (TICs):	1					
		If TICs were requested, were the mass spectra and TIC data checks?	subject to appropriate			X		
S8	I	Interference Check Sample (ICS) results:						
		Were percent recoveries within method QC limits?		X				
S9	I		utions, post digestion spikes, and method of standard additions					
			rences, recoveries, and the linearity within the QC limits					
~	0.7	specified in the method?				X		
S10	OI	Method detection limit (MDL) studies		37				
		Was a MDL study performed for each reported analyte?	CC-2	X				
S11	OI	Is the MDL either adjusted or supported by the analysis of I Proficiency test reports:	DCS8?	Λ				
511	Oi	Was the laboratory's performance acceptable on the applical	bla proficiancy tasts or					
		evaluation studies?	ole proficiency tests of	X				
S12	OI	Standards documentation		71				
512	01	Are all standards used in the analyses NIST-traceable or obtaining	tained 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)						
			OC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?					
		Is documentation of the analyst's competency up-to-date an		X			\perp	
645	67	Verification/validation documentation for methods (NEI	LAC Chap 5 or					
S15	OI	ISO/IEC 17025 Section 5)	(C: _ 1					
			used to generate the data documented, verified, and validated,					
S16	OI	where applicable?						
310	OI	Laboratory standard operating procedures (SOPs): Are laboratory SOPs current and on file for each method performed?		X				
1.					eport(s).	Items identif	ied by the lo	etter "S"
should be retained and made available upon request for the appropriate retention period								

rems identified by the letter R. must be included in the laboratory data package submittee 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;

^{2.} 3. 4. 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								
Labora	tory Name: ALS Environmental Laboratory	LRC Date: 01/08/13						
Project Name: Exide, Frisco		Laboratory Job Number: 1300701						
Reviev	ver 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).							



Chain of Custody





1. REGULAR Status

RUSH Status Requested - ADDITIONAL CHARGE
RESULTS REQUIRED BY 01.07.13

(ALS)				DATE CONTACT ALS SALT LAKE PRIOR TO SENDING SAMPLES				
2. Date Ol-04-13 Purchase Order No. 21252				4. Quote No.	-LES			
3. Company Name Remediation Services, inc.				ALS Project Manager Paul Pope				
Address PO Box 587		_ 5. Sample Collection						
Independence, KS 67301	1			Sampling Site: Exide Frisco				
Person to Contact: Gr	ant Sherwood							
Telephone (620) 3 <u>3</u>	1-1200		Industrial Process: Decontamination and Demo Date of Collection					
Fax Telephone (620)	331-6216	Time Collected 7:00-17:00						
E-mail Address gsher	wood@rsi-ks.com							
Billing Address (if diffe	erent from above)			Date of Shipment Ol. 04.13				
Send Resilts to: gshere	wood@rsi-ks.com, rgillman@rs	l-ks.com, vanes	sa.coleman@	na.exide.com, droth@rsi-ks.com	· · · · · · · · · · · · · · · · · · ·			
Send Invoice to : s	trotter@rsi-ks.com				, <u> </u>			
7. REQUEST FOR ANAL	LYSES							
Laboratory Use Only	Client Sample Number	Matrix*	Sample	ANALYSES REQUESTED - Use method number if known	11 11 11			
	CNO POLO ELOM BOX3	37 um MCE	Volume		Units**			
	EXDEMO 13 0104 DW	37 um MCE	1 4	NIOSH 7303 - Lead and Cadmium	ug/m ³			
	EXDEMOISO104 ON	37 um MCE		NIOSH 7303 - Lead and Cadmium NIOSH 7303 - Lead and Cadmium	ug/m ³			
	EXDEMD 130104 UW	37 um MCE	18971	NIOSH 7303 - Lead and Cadmium	ug/m ³			
		37 um MCE		NIOSH 7303 - Lead and Cadmium	ug/m ³ ug/m ³			
		37 um MCE		NIOSH 7303 - Lead and Cadmium	ug/m			
				- State of the outstanding	ug/m			
EX-DEMO =	Project (Exide-Demolition)							
YYMMDD =	Sampling date (e.g., 11/01/		•					
LOC =	Sample Location (e.g. UW							
XXX =	E-BAM Monitor Sample A	ssociation – I	Last 3 digits	of Serial Number,				
	Optional QA sample flag (TB = trip blan	k, FB = field	l blank, SC = duplicate)				
Comments					<u> </u>			
Possible Contamination ar	nd/or Chemical Hazards: Lead a	and so ductions			-			
. Chain of Custody (Op		inu caumium						
Relinquished by	HUNG GILLMAN			Date/Time 18:30 01:04:13				
Received by	with Jase	8/10/10 20						
Relinquished by	- say	Date/Time						
Received by				Date/Time				
	Drive / Solt Lake City UT	04400		Date/Time				
JOU WEST LEVEL	Drive / Salt Lake City, UT		800-3 ratory Grou	356-9135 or 801-266-7700 / FAX: 801-268-9992 p	2			