TETRA TECH BAS

July 24, 2015 CN: 15279

Mr. Edwin L. Pupka
Senior Enforcement Manager
Office of Engineering and Compliance
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765

PROJECT: EXIDE TECHNOLOGIES FACILITY ID NO. 124868, ORDER OF ABATEMENT CASE NO. 3151-32
RE: WEEKLY STATUS REPORT # 45 (7/16/15 – 7/22/15)

Dear Mr. Pupka,

Tetra Tech Inc. is pleased to present the following Weekly Status Report for the above referenced project. This report covers the period of July 16, 2015 through July 22, 2015.

CURRENT ACTIVITIES WHERE PREVIOUSLY APPROVED MITIGATION MEASURES WERE FULLY IMPLEMENTED

Major items of work performed by Exide and/or its contractor(s) (including specific mitigation measures) during this reporting period where mitigation measures were observed to be implemented in full compliance with the previously approved mitigation measures under the Mitigation Plan for RCRA RFI Sampling, and Other Plant Activities or other Mitigation Plans, as approved by the SCAQMD, at the site during this period include:

TASK ID	Major Work Item	Mitigation Measure(s)
2a	Dust Removal	Total Enclosure Building Under Negative Pressure
EX 73	Stormwater Repair – 3 Manholes	Temporary Enclosure Under Negative Pressure*
EX 33	Building Negative Pressure Monitoring Upgrade	Use of Self Tapping Screws, Pre-Cleaning of Area
EX83/4	RCRA RFI Soil Sampling	Temporary Enclosure Under Negative Pressure*
EX 94	2nd Round Feed Room Soil Sampling	Total Enclosure Building Under Negative Pressure
EX 97	Removal and Shipment of Blast Feed	Total Enclosure Building Under Negative Pressure
EX 100	Removal and Shipment of Tin and Antimony Dross	Total Enclosure Building Under Negative Pressure
EX 103	Removal and Shipment of Lead Dross and Plates	Total Enclosure Building Under Negative Pressure*

* Dust Trak monitoring performed for this work item.

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Dust Removal

Dust removal is currently on hold, but will be scheduled and conducted on an as needed basis.

Stormwater Repair – 3 Manholes

Innovative Construction Solutions (ICS) completed activities on Thursday, July 16, 2015 at Manhole CL-14 and Castlerock removed the temporary enclosure.

Verification activities included:

- Downwind Dust Trak monitoring during removal of the temporary enclosure to monitor for fugitive dust emissions. Review of Dust Trak data did not indicate that removal of the temporary enclosure generated fugitive dust emissions.

Building Negative Pressure Monitoring Upgrade

Exide continued installation of alarms and upgrades to monitoring displays in CP-2 on July 16, 2015. The negative pressure monitoring upgrades installation activities are complete and ongoing upgrades are to facilitate Exide's compliance monitoring.

RCRA RFI Soil Sampling

Advanced Geoscience and their subcontractors Cascade Drilling, and Avocet resumed the RCRA RFI Soil Sampling on site on Thursday, July 16, 2015. Castlerock constructed additional temporary enclosures around the work areas that were maintained under negative pressure and vented to an SCAQMD permitted HEPA filtration systems. Activities included coring through the asphalt, advancing a hand auger to a depth of 5 feet to verify utility clearance, advancing the boreholes to depths greater than 5 feet using a Rotosonic drill rig, collection of soil samples, and installation of groundwater monitoring wells. Soil and asphalt cuttings were placed into 55-gallon drums within a temporary enclosure. RCRA RFI Soil Sampling has moved to offsite locations for the next few reporting periods. RCRA RFI Soil Sampling activities on the Exide property are anticipated to resume in mid to late August.

Verification activities included:

- Upwind and Downwind Dust Trak monitoring on the temporary enclosures when sampling activities were conducted within the enclosure, to monitor for fugitive dust emissions. Review of Dust Trak data did not indicate that work associated with the RCRA RFI Soil Sampling was generating fugitive dust emissions.

- Confirmation that negative pressure was maintained by checking the gauge on the temporary enclosures.

- Periodic visual inspection of the temporary enclosures to confirm that no visible leaks or tears were present, that the structural integrity of the enclosures were maintained and that they were under negative pressure and vented to a SCAQMD permitted HEPA filtration system. Any noted areas where seams needed to be re-taped were repaired by Castlerock prior to resuming work within the enclosures. Any observed conditions requiring repair were addressed immediately.

Soil Sampling – 2nd Round Feed Room Enclosure

Advanced Geoscience did not complete any soil sampling activities within the Total Enclosure Building during this reporting period. The second round of soil sampling beneath the feed room floor will resume in a future reporting period.

Removal and Shipping of Blast Feed

Exide did not remove or ship any blast feed during this reporting period. Exide will resume shipment of the blast feed once they have completed the removal and shipment of Lead Dross and Plates.

Removal and Shipment of Tin and Antimony Dross

Advanced Construction personnel continued the removal of Tin Dross on Thursday, July 16, 2015. Advanced personnel loaded the Tin Dross material into new 30-gallon DOT approved drums. The drums were inspected by Exide and Advanced prior to being lined and covered with plastic. The material was slowly lowered into the drums with a shovel and not dumped from the top of the drums to minimize the amount of fugitive dust generated. A manually controlled misting sprayer was used to keep the material moist and further minimize fugitive dust during loading of the material into the drums. The loaded drums were moved from the Blast Feed Room to the Refining Room where the plastic was removed from the outside of the drums, the drums were securely capped, and then vacuumed using a permitted HEPA vacuum. After the drums were sealed and decontaminated, they were moved to the Finished Goods Shipping Area where they were palletized, labeled, and prepared for shipment. Advanced completed the removal of Tin Dross on Friday, July 17, 2015.

Advanced Construction personnel began the removal of Antimony Dross on Monday, July 20, 2015, during the second shift. Advanced personnel loaded the Antimony Dross material into new 30-gallon DOT approved drums. The drums were inspected by Exide and Advanced prior to being lined and covered with plastic. The material was slowly lowered into the drums with a shovel and not dumped from the top of the drums to minimize the amount of fugitive dust generated. A manually controlled misting sprayer was used to keep the material moist and further minimize fugitive dust during loading of the material into the drums. The loaded drums were moved from the Blast Feed Room to the Refining Room where the plastic was removed from the outside of the drums, the drums were securely capped, and then vacuumed using a permitted HEPA vacuum. After the drums were sealed and decontaminated, they were moved to the Finished Goods Shipping Area where they were palletized, labeled, and prepared for shipment. Advanced completed the removal of Antimony Dross on Wednesday, July 22, 2015.

After the drums were secured on the pallet and ready for shipping they were transported out of the total enclosure building to the outside Container Storage Area Units 1, 2 and 3 in the South Yard of the plant until shipped offsite. A total of approximately 166 drums of Tin Dross and 240 drums of Antimony Dross were inspected, loaded, decontaminated and palletized for shipment during this reporting period.

Verification activities included:

- Confirmation that negative pressure was maintained by checking the gauge on the Total Enclosure Building.

- Visual observation of each phase of the removal and shipment of Tin and Antimony Dross including: the pre-loading inspection of the drums, installation of plastic lining and covering, loading of Tin and Antimony Dross, application of water mist to reduce fugitive dust generated during the loading process, sealing and decontamination of the drums, placement of the drums on the pallet, and movement of the pallets to Container Storage Area Units 1, 2 and 3.
- Visual observation witnessed 136 drums of Tin Dross on July 16, 2015, 30 drums of Tin Dross on July 17, 2015, 120 drums of Antimony Dross on July 20, 2015, and 120 drums of Antimony Dross on July 21, 2015.

Removal and Shipping of Lead Dross and Plates

Removal and shipment of Lead Dross and Plates began on Monday, July 20, 2015. Exide inspected the "end dump" trailers when they arrived at the site to verify that they were in good working condition and met Exide's Pre-Loading Checklist requirements. The trailers passed inspection and were lined with a 6-mil polypropylene liners, ensuring that the liners were dimensioned adequately (length and width) to fashion "burrito" type wrappings of the material after loading. Once lined, each trailer was driven into the Total Enclosure Building and loaded; the feed material burrito wrapped and then secured with duct tape; the trailer covered with a tarp; and the truck and trailer decontaminated prior to exiting the Total Enclosure Building. A total of 14 "end dump" trailers passed inspection, were loaded with Lead Dross and Plates, and shipped to the Doe Run facility in Boss, MO during this reporting period. Removal and shipment of Lead Dross and Plates will continue into the next reporting period.

Verification activities included:

- Upwind and Downwind Dust Trak monitoring at the entrance/exit to the Total Enclosure Building. Review of Dust Trak data did not indicate that work associated with the removal and shipment of Lead Dross and Plates was generating fugitive dust emissions when exiting the Total Enclosure Building.
- Confirmation that negative pressure was maintained by checking the gauge on the Total Enclosure Building.
- Visual observation of each phase of the removal and shipment of Lead Dross and Plates including: the pre-loading inspection, installation of 6-mil poly lining, loading of blast feed, application of water mist to reduce fugitive dust generated during the loading process, sealing of the burrito wrap, placement of the tarp on the trailer, truck and trailer decontamination, and wheel wash.
- Visual observation witnessed 6 shipments on July 20, 2015, 4 shipments on July 21, 2015, and 4 shipments on July 22, 2015.

CURRENT ACTIVITIES WHERE A DEVIATION FROM PREVIOUSLY APPROVED MITIGATION MEASURES WERE OBSERVED AND THE CORRECTIVE ACTIONS TAKEN

Major items of work performed by Exide and/or its contractor(s) (including specific mitigation measures) currently under way or completed during this reporting period where for each of the activities described below, mitigation measures were implemented which to some extent deviated from the previously approved mitigation measures under the Mitigation Plan for RCRA RFI Sampling, and Other Plant Activities or other Mitigation Plans, as approved by the SCAQMD:

TASK ID	Major Work Item	Deviation(s)	CORRECTIVE ACTION
None			

In general accordance with the Order for Abatement Case No. 3151-32 Findings and Decision, air monitoring, if required, was conducted during a portion of all repair work performed within the temporary enclosures on a daily basis. If the results of continuous Dust Trak air monitoring detected excessive dust, additional suppression activities are required to be implemented. For this reporting period, Dust Trak monitoring did not detect excessive dust being generated from repair activities.

Activity Which Resulted in Excessive Dust	Additional Suppression Activity
None	None

ACTUAL vs. FORECAST PROGRESS:

Exide Technologies submitted a schedule which outlines the tasks needed to be completed in response to this abatement order. The attached Gant Chart shows scheduled progress for all activities planned for the upcoming two week period. The following table shows the status of these activities.

TASK	STATUS
Dust Removal	Ongoing – on hold
Storm Water Repair – 3 Manholes	Completed
Building Negative Pressure Monitoring Upgrade	Ongoing
RCRA RFI Soil Sampling	Ongoing
2nd Round Feed Room Soil Sampling	Ongoing – on hold
Removal and Shipment of Blast Feed	Ongoing – on hold
Removal and Shipment of Tin and Antimony Dross	Ongoing
Removal and Shipment of Lead Dross and Plates	Started

WORK SCHEDULED DURING THE UPCOMING PERIOD:

The following activities are anticipated for the upcoming weeks:

Week	Anticipated Activities
July 23 – July 29	• Dust Removal On Hold • Building Negative Pressure Upgrade Completes • RCRA RFI Soil Sampling Continues • 2nd Round of Feed Room Floor Sampling On Hold • Removal and Shipment of Blast Feed Continues • Removal and Shipment of - Tin and Antimony Dross Continues • Removal and Shipment of Lead Dross and Plates Continues

Week	Anticipated Activities
July 30 - August 5	• Dust Removal On Hold • RCRA RFI Soil Sampling Continues • 2nd Round of Feed Room Floor Sampling Continues • Removal and Shipment of Blast Feed Continues • Removal and Shipment of - Tin and Antimony Dross Continues • Removal and Shipment of Lead Dross and Plates Continues

KEY MILESTONES:

The following key milestones were achieved during this reporting period:

- Storm Water Repair – 3 Manholes — COMPLETE
- Removal and Shipment of Lead Dross and Plates — STARTED

WORKER SAFETY CONCERNS:

The following Health and Safety issues, as they apply to Tetra Tech employees, were observed during this reporting period:

- None.

POTENTIAL CHANGES AND ACTION ITEMS REQUIRING RESOLUTION:

The following items require resolution:

- None at this time.

SUMMARY:

The summary provided herein covers the activities for the period of July 16, 2015 through July 22, 2015. Please find attached a copy of Exide's upcoming two weeks schedule and site map identifying the location of the activities on the upcoming two weeks schedule.

Should you have questions regarding this report, or require additional information, please contact me at your earliest convenience.

Sincerely,

Nick Somogyi
Project Engineer

ATTACHMENTS:
Gant Chart Schedule
Site Map
Field Monitoring Data

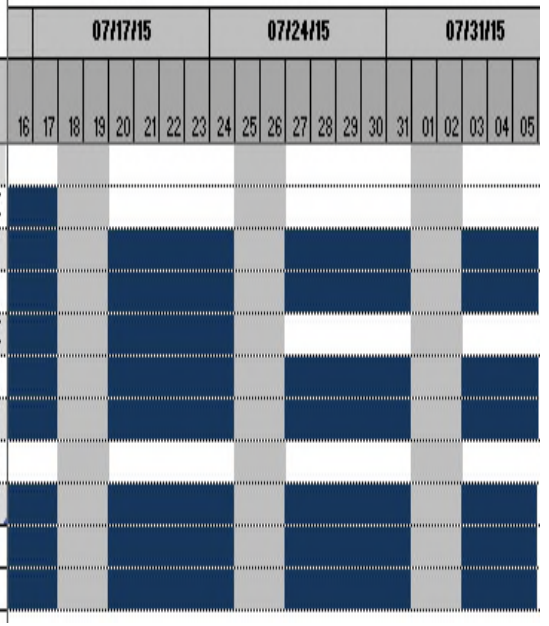
Gant Chart Schedule

Project Schedule
Week of 7/16/15 – 8/05/15
Rev: 7/23/2015

EXIDE TECHNOLOGIES

Recycling Division, Vernon, CA

Mitigation Plan Risks	Task Name	Plant Location	Duration	Start Date	Finish Date	%
2a	Dust Removal for Structure	Total Enclosure	336 days	9/29/14	8/31/15	85%
Ex73	Stormwater Repair - 3 Manholes	Yards	259 days	10/31/14	7/17/15	100%
Ex72	Cleaning of Assorted Materials in Total Enclosure	Total Enclosure	284 days	11/20/14	8/31/15	86%
Ex76	Various Work Methods in Total Enclosure	Total Enclosure	283 days	11/21/14	8/31/15	86%
Ex33	Building Negative Pressure Monitoring Upgrade	General	235 days	12/1/14	7/24/15	100%
4	RCRA RFI Soil Sampling	General	198 days	2/18/15	9/4/15	65%
Ex83	RFI Soil Sampling Supplemental	General	198 days	2/18/15	9/4/15	65%
Ex94	2nd Round Feed Room Soil Sampling	General	175 days	3/9/15	8/31/15	40%
Ex97	Removal & Shipment of Blast Feed*	Blast Furnace Feed Room	81 days	5/25/15	8/14/15	50%
Ex100	Removal Sn Sb Dross	Blast Furnace Feed Room	44 days	7/1/15	8/14/15	80%
Ex103	Removal & Shipment of Drosses & Plates	Blast Furnace Feed Room	30 days	7/15/15	8/14/15	25%



* - *(Ex-97) Blast Feed refers to Reverb Slag & Cast Iron.*
** - *(Ex-101) Stopped removing Loose Lead per DTSC; considered "Closure activity.*

Numbering system correlates with Mitigation plan document.
Ex refers to additional work part of Sec. 6b in the Mitigation plan document.

Mitigation Schedule and Map_072315.pptx

Site Map

Mitigation Project Map Layout

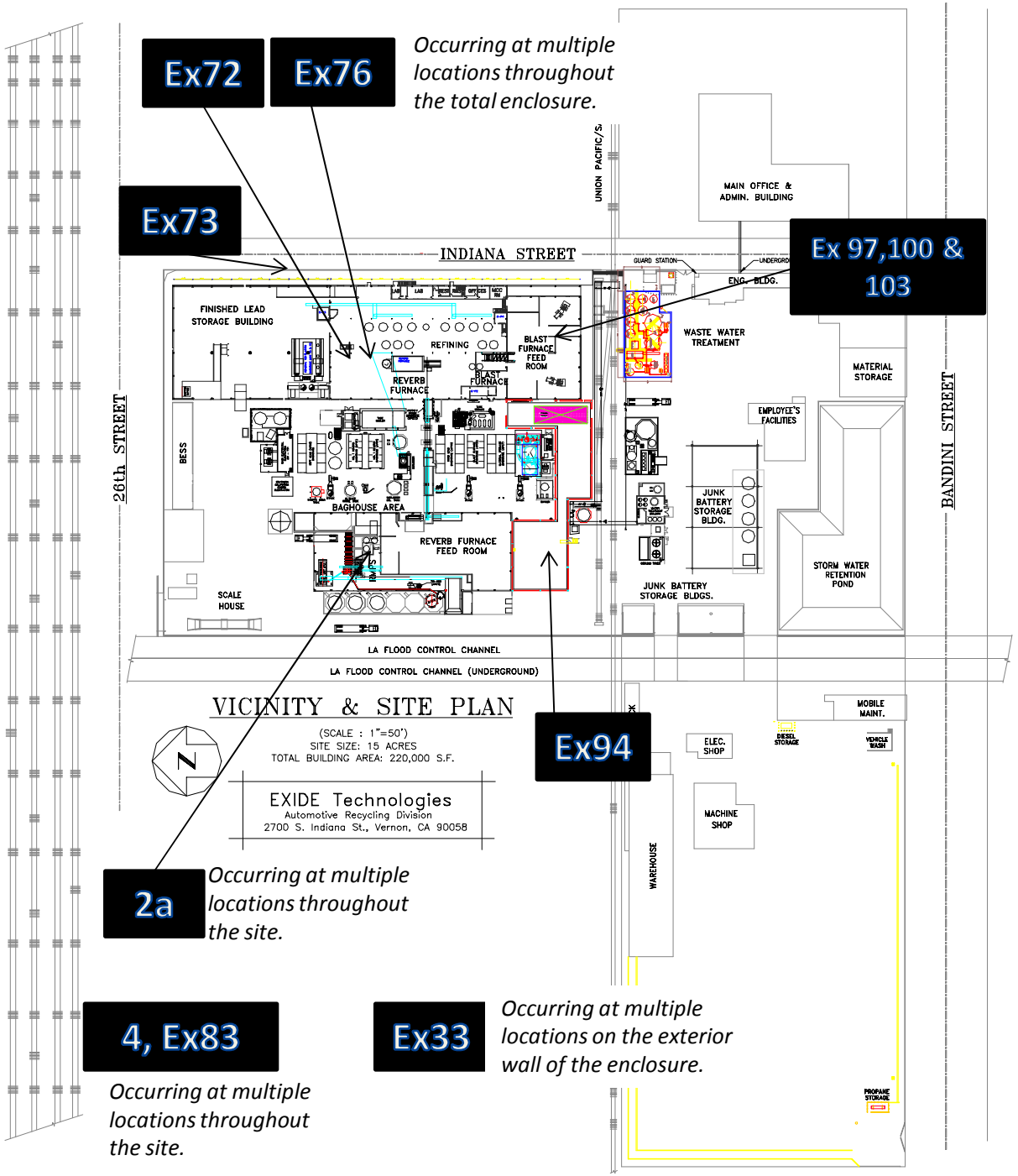
Week 7/16/15 – 8/5/15

Rev: 7/23/15

***2a**. Dust Removal*
***Ex 73**. Storm water Repair – 3 Manholes*
***Ex 33.** Building Negative Pressure Monitoring Upgrade*
***4.** RCRA RFI Soil Sampling*
***Ex 83**. RFI Soil Sampling Supplemental*
***Ex 72.** Cleaning of Assorted Materials in Total Enclosure*
***Ex 76.** Various Work Methods in Total Enclosure*
***Ex 94**. 2nd Round Feed Room Soil Sampling*
***Ex 97**. Removal & Shipment of Blast Feed*
***Ex 100**. Removal of Tin/Antimony Dross*
***Ex 101**. Removal of Loose Lead from Kettles*

Numbering system correlates with Mitigation plan document. Ex refers to additional work part of Sec. 6b in the Mitigation plan document.

Mitigation Schedule and Map_072315.pptx



Monitoring Results / Reports
(Thursday, July 16, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX73 Stormwater Manhole Repairs (CL-14)	8530151905	Downwind
EX83/4 RCRA RFI Soil Sampling (CB 2)	8530132205	Upwind
EX83/4 RCRA RFI Soil Sampling (CB 2)	8530151809	Downwind
EX83/4 RCRA RFI Soil Sampling (MW-11D)	8530113011	Downwind

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

7/16/2015 Work Area EX-73 & EX-83/4

Test 140

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/16/2015
Instrument S/N	8530113011	Start Time	06:04:00
		Stop Date	07/16/2015
		Stop Time	11:19:00
		Total Time	0:05:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	07/16/2015	06:19:00	0.047
2	07/16/2015	06:34:00	0.051
3	07/16/2015	06:49:00	0.038
4	07/16/2015	07:04:00	0.035
5	07/16/2015	07:19:00	0.067
6	07/16/2015	07:34:00	0.130
7	07/16/2015	07:49:00	0.058
8	07/16/2015	08:04:00	0.044
9	07/16/2015	08:19:00	0.031
10	07/16/2015	08:34:00	0.036
11	07/16/2015	08:49:00	0.037
12	07/16/2015	09:04:00	0.036
13	07/16/2015	09:19:00	0.034
14	07/16/2015	09:34:00	0.037
15	07/16/2015	09:49:00	0.036
16	07/16/2015	10:04:00	0.038
17	07/16/2015	10:19:00	0.037
18	07/16/2015	10:34:00	0.040
19	07/16/2015	10:49:00	0.042
20	07/16/2015	11:04:00	0.038
21	07/16/2015	11:19:00	0.039

Test 141

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/16/2015
Instrument S/N	8530113011	Start Time	12:06:38
		Stop Date	07/16/2015
		Stop Time	14:51:38
		Total Time	0:02:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	07/16/2015	12:21:38	0.045
2	07/16/2015	12:36:38	0.076
3	07/16/2015	12:51:38	0.059
4	07/16/2015	13:06:38	0.071
5	07/16/2015	13:21:38	0.059
6	07/16/2015	13:36:38	0.084
7	07/16/2015	13:51:38	0.062
8	07/16/2015	14:06:38	0.083
9	07/16/2015	14:21:38	0.047
10	07/16/2015	14:36:38	0.039
11	07/16/2015	14:51:38	0.038

Test 077

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/16/2015
Instrument S/N	8530132205	Start Time	05:47:08
		Stop Date	07/16/2015
		Stop Time	11:32:08
		Total Time	0:05:43:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	07/16/2015	06:02:08	0.052
2	07/16/2015	06:17:08	0.041
3	07/16/2015	06:32:08	0.039
4	07/16/2015	06:47:08	0.040
5	07/16/2015	07:02:08	0.037
6	07/16/2015	07:17:08	0.037
7	07/16/2015	07:32:08	0.038
8	07/16/2015	07:47:08	0.042
9	07/16/2015	08:02:08	0.034
10	07/16/2015	08:17:08	0.031
11	07/16/2015	08:32:08	0.034
12	07/16/2015	08:47:08	0.032
13	07/16/2015	09:02:08	0.033
14	07/16/2015	09:17:08	0.034
15	07/16/2015	09:32:08	0.035
16	07/16/2015	09:47:08	0.037
17	07/16/2015	10:02:08	0.039
18	07/16/2015	10:17:08	0.044
19	07/16/2015	10:32:08	0.037
20	07/16/2015	10:47:08	0.037
21	07/16/2015	11:02:08	0.039
22	07/16/2015	11:17:08	0.039
23	07/16/2015	11:30:19	0.000

Test 027

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/16/2015
Instrument S/N	8530151809	Start Time	05:46:30
		Stop Date	07/16/2015
		Stop Time	11:16:30
		Total Time	0:05:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	07/16/2015	06:01:30	0.044
2	07/16/2015	06:16:30	0.048
3	07/16/2015	06:31:30	0.061
4	07/16/2015	06:46:30	0.051
5	07/16/2015	07:01:30	0.048
6	07/16/2015	07:16:30	0.063
7	07/16/2015	07:31:30	0.051
8	07/16/2015	07:46:30	0.052
9	07/16/2015	08:01:30	0.040
10	07/16/2015	08:16:30	0.030
11	07/16/2015	08:31:30	0.030
12	07/16/2015	08:46:30	0.031
13	07/16/2015	09:01:30	0.031
14	07/16/2015	09:16:30	0.035
15	07/16/2015	09:31:30	0.045
16	07/16/2015	09:46:30	0.039
17	07/16/2015	10:01:30	0.040
18	07/16/2015	10:16:30	0.043
19	07/16/2015	10:31:30	0.040
20	07/16/2015	10:46:30	0.038
21	07/16/2015	11:01:30	0.039
22	07/16/2015	11:16:30	0.039

Test 031

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/16/2015
Instrument S/N	8530151905	Start Time	05:58:06
		Stop Date	07/16/2015
		Stop Time	12:13:06
		Total Time	0:06:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	07/16/2015	06:13:06	0.049
2	07/16/2015	06:28:06	0.038
3	07/16/2015	06:43:06	0.029
4	07/16/2015	06:58:06	0.029
5	07/16/2015	07:13:06	0.025
6	07/16/2015	07:28:06	0.024
7	07/16/2015	07:43:06	0.027
8	07/16/2015	07:58:06	0.028
9	07/16/2015	08:13:06	0.026
10	07/16/2015	08:28:06	0.024
11	07/16/2015	08:43:06	0.025
12	07/16/2015	08:58:06	0.026
13	07/16/2015	09:13:06	0.026
14	07/16/2015	09:28:06	0.026
15	07/16/2015	09:43:06	0.026
16	07/16/2015	09:58:06	0.027
17	07/16/2015	10:13:06	0.030
18	07/16/2015	10:28:06	0.028
19	07/16/2015	10:43:06	0.030
20	07/16/2015	10:58:06	0.029
21	07/16/2015	11:13:06	0.028
22	07/16/2015	11:28:06	0.028
23	07/16/2015	11:43:06	0.028
24	07/16/2015	11:58:06	0.027
25	07/16/2015	12:13:06	0.027

Test 032

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/16/2015
Instrument S/N	8530151905	Start Time	12:41:28
		Stop Date	07/16/2015
		Stop Time	14:56:28
		Total Time	0:02:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	07/16/2015	12:56:28	0.034
2	07/16/2015	13:11:28	0.033
3	07/16/2015	13:26:28	0.031
4	07/16/2015	13:41:28	0.031
5	07/16/2015	13:56:28	0.029
6	07/16/2015	14:11:28	0.028
7	07/16/2015	14:26:28	0.025
8	07/16/2015	14:41:28	0.023
9	07/16/2015	14:56:28	0.024

Monitoring Results / Reports
(Friday, July 17, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX83/4 RCRA RFI Soil Sampling (CB 2)	8530113011	Upwind
EX83/4 RCRA RFI Soil Sampling (CB 2)	8530151905	Downwind
EX83/4 RCRA RFI Soil Sampling (MW-11D)	8530151809	Downwind

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

7/17/2015 Work Area EX-83/4

Test 142

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/17/2015
Instrument S/N	8530113011	Start Time	05:58:05
		Stop Date	07/17/2015
		Stop Time	07:28:05
		Total Time	0:01:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	07/17/2015	06:13:05	0.055
2	07/17/2015	06:28:05	0.055
3	07/17/2015	06:43:05	0.055
4	07/17/2015	06:58:05	0.058
5	07/17/2015	07:13:05	0.081
6	07/17/2015	07:28:05	0.081

Test 028

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/17/2015
Instrument S/N	8530151809	Start Time	06:16:59
		Stop Date	07/17/2015
		Stop Time	13:46:59
		Total Time	0:07:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	07/17/2015	06:31:59	0.059
2	07/17/2015	06:46:59	0.071
3	07/17/2015	07:01:59	0.067
4	07/17/2015	07:16:59	0.091
5	07/17/2015	07:31:59	0.104
6	07/17/2015	07:46:59	0.105
7	07/17/2015	08:01:59	0.111
8	07/17/2015	08:16:59	0.124
9	07/17/2015	08:31:59	0.086
10	07/17/2015	08:46:59	0.124
11	07/17/2015	09:01:59	0.123
12	07/17/2015	09:16:59	0.101
13	07/17/2015	09:31:59	0.092
14	07/17/2015	09:46:59	0.096
15	07/17/2015	10:01:59	0.087
16	07/17/2015	10:16:59	0.078
17	07/17/2015	10:31:59	0.072
18	07/17/2015	10:46:59	0.068
19	07/17/2015	11:01:59	0.059
20	07/17/2015	11:16:59	0.056
21	07/17/2015	11:31:59	0.053
22	07/17/2015	11:46:59	0.051
23	07/17/2015	12:01:59	0.051
24	07/17/2015	12:16:59	0.057
25	07/17/2015	12:31:59	0.049
26	07/17/2015	12:46:59	0.052
27	07/17/2015	13:01:59	0.051
28	07/17/2015	13:16:59	0.054
29	07/17/2015	13:31:59	0.041
30	07/17/2015	13:46:59	0.037

Test 033

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/17/2015
Instrument S/N	8530151905	Start Time	05:53:25
		Stop Date	07/17/2015
		Stop Time	07:23:25
		Total Time	0:01:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	07/17/2015	06:08:25	0.062
2	07/17/2015	06:23:25	0.061
3	07/17/2015	06:38:25	0.060
4	07/17/2015	06:53:25	0.062
5	07/17/2015	07:08:25	0.069
6	07/17/2015	07:23:25	0.090

Monitoring Results / Reports
(Monday, July 20, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX103 Removal and Shipment of Dross and Plates	8530151809	Upwind
EX103 Removal and Shipment of Dross and Plates	8530151905	Downwind
EX83/4 RCRA RFI Soil Sampling (MW-11D)	8530132205	Downwind

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7/20/2015 Work Area EX- 103 & EX-83/4

Test 078

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/20/2015
Instrument S/N	8530132205	Start Time	07:25:42
		Stop Date	07/20/2015
		Stop Time	15:25:42
		Total Time	0:08:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	07/20/2015	07:40:42	0.032
2	07/20/2015	07:55:42	0.036
3	07/20/2015	08:10:42	0.033
4	07/20/2015	08:25:42	0.110
5	07/20/2015	08:40:42	0.084
6	07/20/2015	08:55:42	0.031
7	07/20/2015	09:10:42	0.026
8	07/20/2015	09:25:42	0.024
9	07/20/2015	09:40:42	0.030
10	07/20/2015	09:55:42	0.029
11	07/20/2015	10:10:42	0.019
12	07/20/2015	10:25:42	0.023
13	07/20/2015	10:40:42	0.020
14	07/20/2015	10:55:42	0.018
15	07/20/2015	11:10:42	0.021
16	07/20/2015	11:25:42	0.023
17	07/20/2015	11:40:42	0.017
18	07/20/2015	11:55:42	0.021
19	07/20/2015	12:10:42	0.018
20	07/20/2015	12:25:42	0.027
21	07/20/2015	12:40:42	0.023
22	07/20/2015	12:55:42	0.023
23	07/20/2015	13:10:42	0.018
24	07/20/2015	13:25:42	0.019
25	07/20/2015	13:40:42	0.020
26	07/20/2015	13:55:42	0.018
27	07/20/2015	14:10:42	0.029
28	07/20/2015	14:25:42	0.024
29	07/20/2015	14:40:42	0.020
30	07/20/2015	14:55:42	0.023
31	07/20/2015	15:10:42	0.018
32	07/20/2015	15:25:42	0.024

Test 029

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/20/2015
Instrument S/N	8530151809	Start Time	05:25:13
		Stop Date	07/20/2015
		Stop Time	17:25:13
		Total Time	0:12:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	07/20/2015	05:40:13	0.021
2	07/20/2015	05:55:13	0.022
3	07/20/2015	06:10:13	0.022
4	07/20/2015	06:25:13	0.024
5	07/20/2015	06:40:13	0.028
6	07/20/2015	06:55:13	0.029
7	07/20/2015	07:10:13	0.029
8	07/20/2015	07:25:13	0.030
9	07/20/2015	07:40:13	0.031
10	07/20/2015	07:55:13	0.034
11	07/20/2015	08:10:13	0.031
12	07/20/2015	08:25:13	0.090
13	07/20/2015	08:40:13	0.064
14	07/20/2015	08:55:13	0.028
15	07/20/2015	09:10:13	0.024
16	07/20/2015	09:25:13	0.023
17	07/20/2015	09:40:13	0.023
18	07/20/2015	09:55:13	0.021
19	07/20/2015	10:10:13	0.018
20	07/20/2015	10:25:13	0.019
21	07/20/2015	10:40:13	0.017
22	07/20/2015	10:55:13	0.013
23	07/20/2015	11:10:13	0.013
24	07/20/2015	11:25:13	0.012
25	07/20/2015	11:40:13	0.012
26	07/20/2015	11:55:13	0.011
27	07/20/2015	12:10:13	0.011
28	07/20/2015	12:25:13	0.012
29	07/20/2015	12:40:13	0.012
30	07/20/2015	12:55:13	0.013
31	07/20/2015	13:10:13	0.013
32	07/20/2015	13:25:13	0.012
33	07/20/2015	13:40:13	0.011
34	07/20/2015	13:55:13	0.011
35	07/20/2015	14:10:13	0.011

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
36	07/20/2015	14:25:13	0.011
37	07/20/2015	14:40:13	0.011
38	07/20/2015	14:55:13	0.010
39	07/20/2015	15:10:13	0.010
40	07/20/2015	15:25:13	0.011
41	07/20/2015	15:40:13	0.011
42	07/20/2015	15:55:13	0.009
43	07/20/2015	16:10:13	0.008
44	07/20/2015	16:25:13	0.007
45	07/20/2015	16:40:13	0.007
46	07/20/2015	16:55:13	0.009
47	07/20/2015	17:10:13	0.009
48	07/20/2015	17:25:13	0.010

Test 034

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/20/2015
Instrument S/N	8530151905	Start Time	05:22:18
		Stop Date	07/20/2015
		Stop Time	17:37:18
		Total Time	0:12:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	07/20/2015	05:37:18	0.017
2	07/20/2015	05:52:18	0.019
3	07/20/2015	06:07:18	0.019
4	07/20/2015	06:22:18	0.021
5	07/20/2015	06:37:18	0.024
6	07/20/2015	06:52:18	0.026
7	07/20/2015	07:07:18	0.026
8	07/20/2015	07:22:18	0.026
9	07/20/2015	07:37:18	0.027
10	07/20/2015	07:52:18	0.029
11	07/20/2015	08:07:18	0.026
12	07/20/2015	08:22:18	0.062
13	07/20/2015	08:37:18	0.081
14	07/20/2015	08:52:18	0.023
15	07/20/2015	09:07:18	0.021
16	07/20/2015	09:22:18	0.019
17	07/20/2015	09:37:18	0.020
18	07/20/2015	09:52:18	0.017
19	07/20/2015	10:07:18	0.015
20	07/20/2015	10:22:18	0.015
21	07/20/2015	10:37:18	0.013
22	07/20/2015	10:52:18	0.010
23	07/20/2015	11:07:18	0.009
24	07/20/2015	11:22:18	0.009
25	07/20/2015	11:37:18	0.009
26	07/20/2015	11:52:18	0.008
27	07/20/2015	12:07:18	0.007
28	07/20/2015	12:22:18	0.010
29	07/20/2015	12:37:18	0.008
30	07/20/2015	12:52:18	0.009
31	07/20/2015	13:07:18	0.009
32	07/20/2015	13:22:18	0.009
33	07/20/2015	13:37:18	0.009
34	07/20/2015	13:52:18	0.008
35	07/20/2015	14:07:18	0.008

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
36	07/20/2015	14:22:18	0.009
37	07/20/2015	14:37:18	0.009
38	07/20/2015	14:52:18	0.008
39	07/20/2015	15:07:18	0.009
40	07/20/2015	15:22:18	0.009
41	07/20/2015	15:37:18	0.008
42	07/20/2015	15:52:18	0.007
43	07/20/2015	16:07:18	0.006
44	07/20/2015	16:22:18	0.006
45	07/20/2015	16:37:18	0.006
46	07/20/2015	16:52:18	0.007
47	07/20/2015	17:07:18	0.007
48	07/20/2015	17:22:18	0.008
49	07/20/2015	17:37:18	0.007

Results / Reports
(Tuesday, July 21, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX103 Removal and Shipment of Dross and Plates	8530151809	Upwind
EX103 Removal and Shipment of Dross and Plates	8530132205	Downwind

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7/21/2015 Work Area EX-103

Test 079

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/21/2015
Instrument S/N	8530132205	Start Time	08:32:04
		Stop Date	07/21/2015
		Stop Time	12:02:04
		Total Time	0:03:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	07/21/2015	08:47:04	0.033
2	07/21/2015	09:02:04	0.037
3	07/21/2015	09:17:04	0.040
4	07/21/2015	09:32:04	0.047
5	07/21/2015	09:47:04	0.046
6	07/21/2015	10:02:04	0.048
7	07/21/2015	10:17:04	0.040
8	07/21/2015	10:32:04	0.031
9	07/21/2015	10:47:04	0.028
10	07/21/2015	11:02:04	0.023
11	07/21/2015	11:17:04	0.024
12	07/21/2015	11:32:04	0.019
13	07/21/2015	11:47:04	0.018
14	07/21/2015	12:02:04	0.023

Test 030

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/21/2015
Instrument S/N	8530151809	Start Time	08:34:04
		Stop Date	07/21/2015
		Stop Time	12:04:04
		Total Time	0:03:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	07/21/2015	08:49:04	0.039
2	07/21/2015	09:04:04	0.048
3	07/21/2015	09:19:04	0.048
4	07/21/2015	09:34:04	0.059
5	07/21/2015	09:49:04	0.059
6	07/21/2015	10:04:04	0.060
7	07/21/2015	10:19:04	0.054
8	07/21/2015	10:34:04	0.042
9	07/21/2015	10:49:04	0.037
10	07/21/2015	11:04:04	0.031
11	07/21/2015	11:19:04	0.030
12	07/21/2015	11:34:04	0.026
13	07/21/2015	11:49:04	0.022
14	07/21/2015	12:04:04	0.028

Results / Reports
(Wednesday, July 22, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX103 Removal and Shipment of Dross and Plates	8530151905	Upwind
EX103 Removal and Shipment of Dross and Plates	8530113011	Downwind
EX83/4 RCRA RFI Soil Sampling (MW-11D)	8530151809	Downwind

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7/22/2015 Work Area EX-103 & EX-83/4

Test 031

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/22/2015
Instrument S/N	8530151809	Start Time	11:31:50
		Stop Date	07/22/2015
		Stop Time	14:01:50
		Total Time	0:02:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	07/22/2015	11:46:50	0.024
2	07/22/2015	12:01:50	0.019
3	07/22/2015	12:16:50	0.020
4	07/22/2015	12:31:50	0.018
5	07/22/2015	12:46:50	0.015
6	07/22/2015	13:01:50	0.014
7	07/22/2015	13:16:50	0.014
8	07/22/2015	13:31:50	0.015
9	07/22/2015	13:46:50	0.016
10	07/22/2015	14:01:50	0.016

Test 035

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/22/2015
Instrument S/N	8530151905	Start Time	06:33:26
		Stop Date	07/22/2015
		Stop Time	14:48:26
		Total Time	0:08:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	07/22/2015	06:48:26	0.010
2	07/22/2015	07:03:26	0.017
3	07/22/2015	07:18:26	0.016
4	07/22/2015	07:33:26	0.016
5	07/22/2015	07:48:26	0.021
6	07/22/2015	08:03:26	0.022
7	07/22/2015	08:18:26	0.019
8	07/22/2015	08:33:26	0.016
9	07/22/2015	08:48:26	0.015
10	07/22/2015	09:03:26	0.016
11	07/22/2015	09:18:26	0.019
12	07/22/2015	09:33:26	0.025
13	07/22/2015	09:48:26	0.024
14	07/22/2015	10:03:26	0.027
15	07/22/2015	10:18:26	0.024
16	07/22/2015	10:33:26	0.026
17	07/22/2015	10:48:26	0.026
18	07/22/2015	11:03:26	0.026
19	07/22/2015	11:18:26	0.025
20	07/22/2015	11:33:26	0.022
21	07/22/2015	11:48:26	0.020
22	07/22/2015	12:03:26	0.017
23	07/22/2015	12:18:26	0.015
24	07/22/2015	12:33:26	0.013
25	07/22/2015	12:48:26	0.012
26	07/22/2015	13:03:26	0.012
27	07/22/2015	13:18:26	0.010
28	07/22/2015	13:33:26	0.012
29	07/22/2015	13:48:26	0.012
30	07/22/2015	14:03:26	0.012
31	07/22/2015	14:18:26	0.012
32	07/22/2015	14:33:26	0.012
33	07/22/2015	14:48:26	0.010

Test 143

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/22/2015
Instrument S/N	8530113011	Start Time	06:35:39
		Stop Date	07/22/2015
		Stop Time	14:50:39
		Total Time	0:08:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	07/22/2015	06:50:39	0.008
2	07/22/2015	07:05:39	0.012
3	07/22/2015	07:20:39	0.012
4	07/22/2015	07:35:39	0.012
5	07/22/2015	07:50:39	0.016
6	07/22/2015	08:05:39	0.016
7	07/22/2015	08:20:39	0.015
8	07/22/2015	08:35:39	0.013
9	07/22/2015	08:50:39	0.012
10	07/22/2015	09:05:39	0.013
11	07/22/2015	09:20:39	0.016
12	07/22/2015	09:35:39	0.020
13	07/22/2015	09:50:39	0.020
14	07/22/2015	10:05:39	0.022
15	07/22/2015	10:20:39	0.020
16	07/22/2015	10:35:39	0.022
17	07/22/2015	10:50:39	0.022
18	07/22/2015	11:05:39	0.023
19	07/22/2015	11:20:39	0.022
20	07/22/2015	11:35:39	0.021
21	07/22/2015	11:50:39	0.019
22	07/22/2015	12:05:39	0.018
23	07/22/2015	12:20:39	0.017
24	07/22/2015	12:35:39	0.018
25	07/22/2015	12:50:39	0.016
26	07/22/2015	13:05:39	0.017
27	07/22/2015	13:20:39	0.016
28	07/22/2015	13:35:39	0.017
29	07/22/2015	13:50:39	0.017
30	07/22/2015	14:05:39	0.017
31	07/22/2015	14:20:39	0.015
32	07/22/2015	14:35:39	0.017
33	07/22/2015	14:50:39	0.016