



SOUTH COAST AQMD
CLERK OF THE BOARDS

June 5, 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

*15 JUN -5 P4:38

**PROJECT: EXIDE TECHNOLOGIES FACILITY ID NO. 124868,
ORDER OF ABATEMENT CASE NO. 3151-32**
RE: WEEKLY STATUS REPORT # 38 (5/28/15 – 6/3/15)

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 May 28, 2015 through June 3, 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 Construction of Risk Reduction Measures, 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	2 nd Round Feed Room Soil Sampling	Total Enclosure Building Under Negative Pressure*
EX 96	Repair RMPS Scrubber Demister	Total Enclosure Building Under Negative Pressure
EX 97	Removal and Shipment of Blast Feed	Total Enclosure Building Under Negative Pressure

* Dust Trak monitoring performed for this work item.

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) has temporarily suspended repair activities and is currently evaluating repair alternatives for the manhole CL-14 location. Repair activities will resume once the repair alternative is determined.

Building Negative Pressure Monitoring Upgrade

Exide continued installation activities on May 28, 2015. The negative pressure monitoring upgrades installation activities are complete and debugging of software will continue into the next reporting period.

RCRA RFI Soil Sampling

Advanced Geo and their subcontractors Cascade Drilling, Avocet, and Rice Environmental continued the RCRA RFI Soil Sampling on Thursday, May 28, 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 will continue into the next reporting period.

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 continued supplemental Reverb Feed Room subsurface soil sampling as required by DTSC. Currently the activities are focused on locations outside of the Total Enclosure Building and are being observed with the RCRA RFI Soil Sampling.

Repair RMPS Scrubber Demister

Baghouse Services completed repair activities on the RMPS scrubber demister on Thursday, May 28, 2015, and the system resumed normal operation.

Verification activities included:

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

Removal and Shipping of Blast Feed

Exide began the removal and shipment of Blast Feed on Wednesday, June 3, 2015. Exide inspected each "end dump" trailer as they arrived at the site to verify that they were in good working condition and met Exide's Pre-Loading Checklist requirements. Trailers that passed inspection were lined with a 6-mil polypropylene liners, ensuring that the liners were dimensioned adequately (length and width) to fashion a "burrito" type wrapping 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 3 "end dump" trailers passed inspection, were loaded with blast feed, and shipped to Exide's Munsee, Indiana facility during this reporting period. Removal and shipment of feed 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 Blast Feed 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 blast feed 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 3 shipments on June 3, 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 Construction of Risk Reducing Measures, 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	Ongoing – on hold
Building Negative Pressure Monitoring Upgrade	Ongoing
RCRA RFI Soil Sampling	Ongoing
2 nd Round Feed Room Soil Sampling	Ongoing
Repair RMPS Scrubber Demister	Completed
Removal and Shipment of Blast Feed	Began

WORK SCHEDULED DURING THE UPCOMING PERIOD:

The following activities are anticipated for the upcoming weeks:

Week	Anticipated Activities
June 4 – June 10	<ul style="list-style-type: none"> • Dust Removal On Hold • Storm Water Repair 3 Manholes On Hold • Building Negative Pressure Upgrade Continues • RCRA RFI Soil Sampling Continues • 2nd Round of Feed Room Floor Sampling Continues • Removal and Shipment of Blast Feed Continues • Manhole H Repairs Begins and Completes • Removal of Sn and Sb Dross Begins • Removal of Loose Lead in Kettles Continues • Removal and Shipment of Lime Rock and Coke Begins

Week	Anticipated Activities
June 11 - June 17	<ul style="list-style-type: none"> • Dust Removal On Hold • Storm Water Repair 3 Manholes On Hold • Building Negative Pressure Upgrade Completes • RCRA RFI Soil Sampling Continues • 2nd Round of Feed Room Floor Sampling Continues • Removal and Shipment of Blast Feed Continues • Removal of Sn and Sb Dross Continues • Removal of Loose Lead in Kettles Continues • Removal and Shipment of Lime Rock and Coke Continues

KEY MILESTONES:

The following key milestones were achieved during this reporting period:

- o Repair of RMPS Scrubber Demister – COMPLETE
- o Removal and Shipment of Blast Feed - STARTED

WORKER SAFETY CONCERNS:

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

- o None.

POTENTIAL CHANGES AND ACTION ITEMS REQUIRING RESOLUTION:

The following items require resolution:

- o None at this time.

SUMMARY:

The summary provided herein covers the activities for the period of May 28, 2015 through June 3, 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

Site Map



Mitigation Project Map Layout

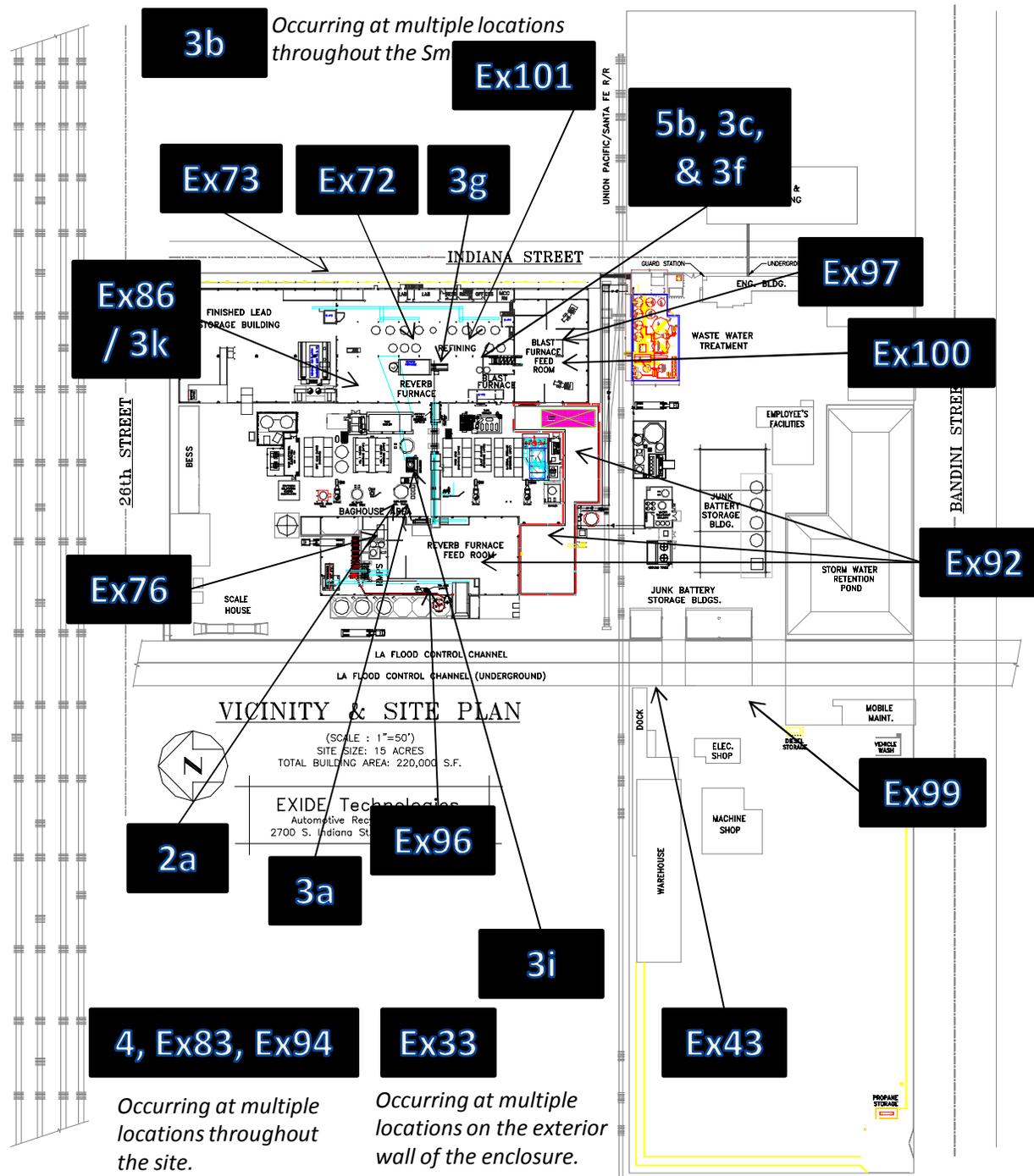
Week 5/28/15 – 6/17/15

Rev: 6/04/2015

- Ex43. West Yard Sump Piping
- 2a. Dust Removal
- Ex73. Storm water Repair – 3 Manholes
- Ex33. Building Negative Pressure Monitoring Upgrade
- 4. RCRA RFI Soil Sampling
- Ex83. RFI Soil Sampling Supplemental
- Ex72. Cleaning of Assorted Materials in Total Enclosure
- Ex76. Various Work Methods in Total Enclosure
- 5b. Blast Furnace Activities
- 3a. Blast Furnace Tray Type Wet Scrubbing System Installation
- 3c. Replacement of Blast Furnace Partial Enclosure
- 3i. Installation of Rotary Dryer Regenerative Thermal Oxidizer
- Ex86 / 3k. Installation of Blast RTO
- 3b. Hard Lead System Ventilation Modification
- 3g. Reverb Furnace Feed Modification
- 3f. Blast Furnace Slag Tap Ventilation Hood Modification
- Ex94. 2nd Round Feed Room Soil Sampling
- Ex96. Repair RMPS Demister
- Ex 97. Removal & Shipment of Blast Feed
- Ex 99. Manhole H repairs
- 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_060415.pptx



Occurring at multiple locations throughout the site.

Occurring at multiple locations on the exterior wall of the enclosure.

Monitoring Results / Reports
(Thursday, May 28, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX83/4 RCRA RFI Soil Sampling (MW-26D)	8530110315	Upwind
EX83/4 RCRA RFI Soil Sampling (MW-26D)	8530100906	Downwind 1
EX83/4 RCRA RFI Soil Sampling (MW-26D)	8530113011	Downwind 2
EX83/4 RCRA RFI Soil Sampling (TB-3S,2S &11S)	8530142303	Downwind



Exide Technologies
2700 Indiana Street
Vernon, CA 90058

5/28/2015 Work Area EX-83 & 4

Test 098

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/28/2015
Instrument S/N	8530110315	Start Time	09:10:42
		Stop Date	05/28/2015
		Stop Time	14:10:42
		Total Time	0:05:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	05/28/2015	09:25:42	0.120
2	05/28/2015	09:40:42	0.113
3	05/28/2015	09:55:42	0.120
4	05/28/2015	10:10:42	0.116
5	05/28/2015	10:25:42	0.123
6	05/28/2015	10:40:42	0.116
7	05/28/2015	10:55:42	0.119
8	05/28/2015	11:10:42	0.109
9	05/28/2015	11:25:42	0.107
10	05/28/2015	11:40:42	0.105
11	05/28/2015	11:55:42	0.105
12	05/28/2015	12:10:42	0.104
13	05/28/2015	12:25:42	0.109
14	05/28/2015	12:40:42	0.103
15	05/28/2015	12:55:42	0.100
16	05/28/2015	13:10:42	0.102
17	05/28/2015	13:25:42	0.100
18	05/28/2015	13:40:42	0.102
19	05/28/2015	13:55:42	0.096
20	05/28/2015	14:10:42	0.084

Test 125

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/28/2015
Instrument S/N	8530113011	Start Time	09:36:51
		Stop Date	05/28/2015
		Stop Time	14:21:51
		Total Time	0:04:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	05/28/2015	09:51:51	0.120
2	05/28/2015	10:06:51	0.114
3	05/28/2015	10:21:51	0.117
4	05/28/2015	10:36:51	0.114
5	05/28/2015	10:51:51	0.124
6	05/28/2015	11:06:51	0.131
7	05/28/2015	11:21:51	0.097
8	05/28/2015	11:36:51	0.098
9	05/28/2015	11:51:51	0.097
10	05/28/2015	12:06:51	0.096
11	05/28/2015	12:21:51	0.102
12	05/28/2015	12:36:51	0.101
13	05/28/2015	12:51:51	0.100
14	05/28/2015	13:06:51	0.101
15	05/28/2015	13:21:51	0.098
16	05/28/2015	13:36:51	0.105
17	05/28/2015	13:51:51	0.098
18	05/28/2015	14:06:51	0.088
19	05/28/2015	14:21:51	0.093

Test 104

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/28/2015
Instrument S/N	8530142303	Start Time	08:31:12
		Stop Date	05/28/2015
		Stop Time	14:16:12
		Total Time	0:05:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	05/28/2015	08:46:12	0.009
2	05/28/2015	09:01:12	0.007
3	05/28/2015	09:16:12	0.020
4	05/28/2015	09:31:12	0.021
5	05/28/2015	09:46:12	0.030
6	05/28/2015	10:01:12	0.029
7	05/28/2015	10:16:12	0.027
8	05/28/2015	10:31:12	0.029
9	05/28/2015	10:46:12	0.019
10	05/28/2015	11:01:12	0.015
11	05/28/2015	11:16:12	0.008
12	05/28/2015	11:31:12	0.002
13	05/28/2015	11:46:12	0.000
14	05/28/2015	12:01:12	-0.002
15	05/28/2015	12:16:12	0.000
16	05/28/2015	12:31:12	-0.003
17	05/28/2015	12:46:12	-0.006
18	05/28/2015	13:01:12	-0.010
19	05/28/2015	13:16:12	-0.006
20	05/28/2015	13:31:12	-0.006
21	05/28/2015	13:46:12	-0.005
22	05/28/2015	14:01:12	-0.026
23	05/28/2015	14:16:12	-0.043

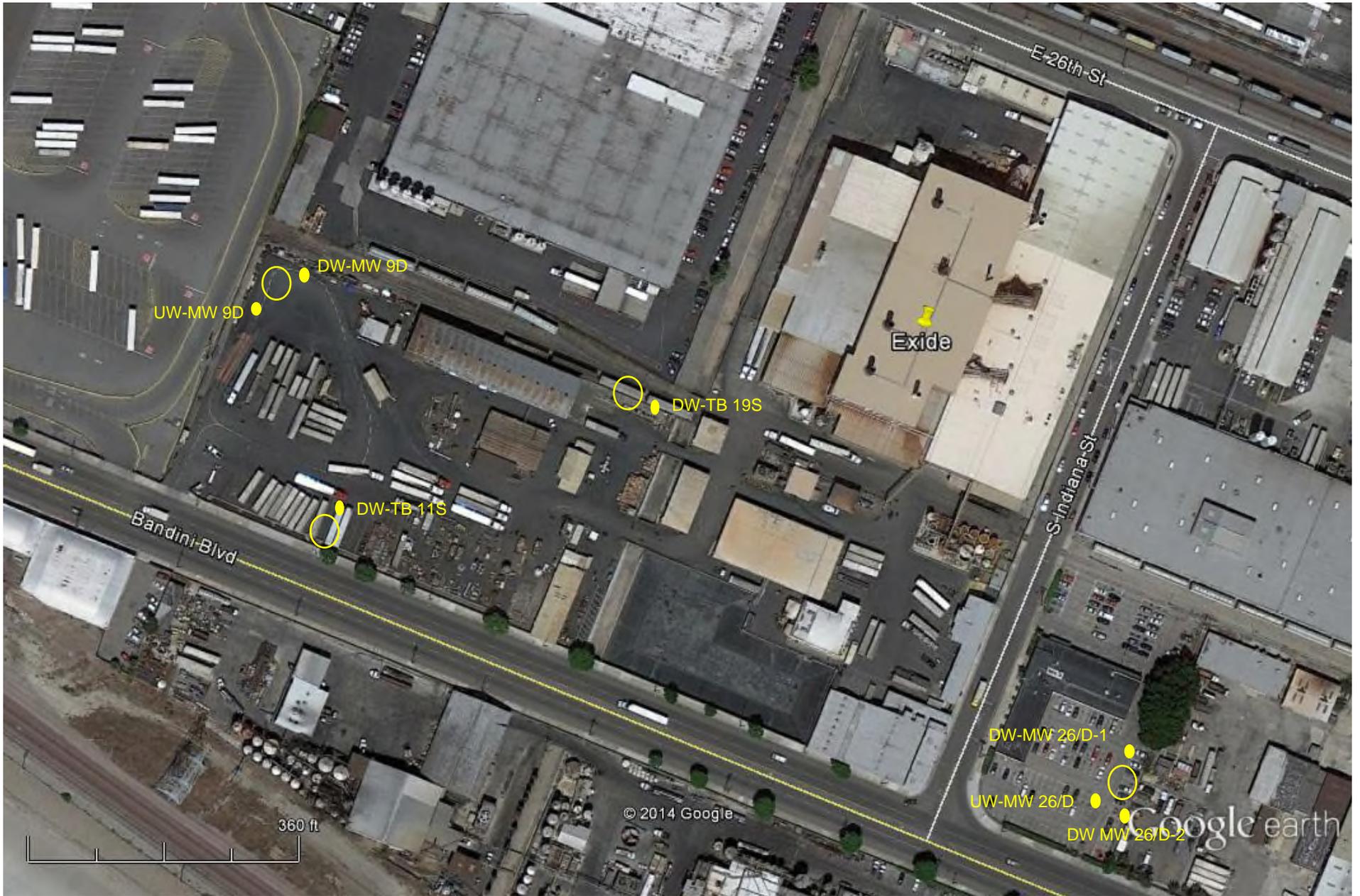
Test 106

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/28/2015
Instrument S/N	8530100906	Start Time	09:20:20
		Stop Date	05/28/2015
		Stop Time	14:20:20
		Total Time	0:05:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	05/28/2015	09:35:20	0.075
2	05/28/2015	09:50:20	0.081
3	05/28/2015	10:05:20	0.078
4	05/28/2015	10:20:20	0.086
5	05/28/2015	10:35:20	0.083
6	05/28/2015	10:50:20	0.080
7	05/28/2015	11:05:20	0.087
8	05/28/2015	11:20:20	0.069
9	05/28/2015	11:35:20	0.070
10	05/28/2015	11:50:20	0.071
11	05/28/2015	12:05:20	0.070
12	05/28/2015	12:20:20	0.074
13	05/28/2015	12:35:20	0.075
14	05/28/2015	12:50:20	0.075
15	05/28/2015	13:05:20	0.074
16	05/28/2015	13:20:20	0.085
17	05/28/2015	13:35:20	0.075
18	05/28/2015	13:50:20	0.071
19	05/28/2015	14:05:20	0.064
20	05/28/2015	14:20:20	0.056

Monitoring Results / Reports
(Friday, May 29, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX83/4 RCRA RFI Soil Sampling (MW-26D)	8530132205	Upwind
EX83/4 RCRA RFI Soil Sampling (MW-26D)	8530110315	Downwind 1
EX83/4 RCRA RFI Soil Sampling (MW-26D)	8530113011	Downwind 2
EX83/4 RCRA RFI Soil Sampling (MW-9D)	8530100906	Upwind
EX83/4 RCRA RFI Soil Sampling (TB-11S, 19S & MW-9D)	8530142303	Downwind



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2700 Indiana Street
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5/29/2015 Work Area EX-83 & 4

Test 126

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/29/2015
Instrument S/N	8530113011	Start Time	08:45:42
		Stop Date	05/29/2015
		Stop Time	13:45:42
		Total Time	0:05:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	05/29/2015	09:00:42	0.126
2	05/29/2015	09:15:42	0.122
3	05/29/2015	09:30:42	0.120
4	05/29/2015	09:45:42	0.113
5	05/29/2015	10:00:42	0.111
6	05/29/2015	10:15:42	0.111
7	05/29/2015	10:30:42	0.113
8	05/29/2015	10:45:42	0.111
9	05/29/2015	11:00:42	0.109
10	05/29/2015	11:15:42	0.110
11	05/29/2015	11:30:42	0.108
12	05/29/2015	11:45:42	0.106
13	05/29/2015	12:00:42	0.108
14	05/29/2015	12:15:42	0.132
15	05/29/2015	12:30:42	0.124
16	05/29/2015	12:45:42	0.127
17	05/29/2015	13:00:42	0.140
18	05/29/2015	13:15:42	0.128
19	05/29/2015	13:30:42	0.123
20	05/29/2015	13:45:42	0.115

Test 066

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/29/2015
Instrument S/N	8530132205	Start Time	08:34:01
		Stop Date	05/29/2015
		Stop Time	13:34:01
		Total Time	0:05:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	05/29/2015	08:49:01	0.137
2	05/29/2015	09:04:01	0.123
3	05/29/2015	09:19:01	0.116
4	05/29/2015	09:34:01	0.120
5	05/29/2015	09:49:01	0.113
6	05/29/2015	10:04:01	0.113
7	05/29/2015	10:19:01	0.115
8	05/29/2015	10:34:01	0.115
9	05/29/2015	10:49:01	0.112
10	05/29/2015	11:04:01	0.109
11	05/29/2015	11:19:01	0.110
12	05/29/2015	11:34:01	0.108
13	05/29/2015	11:49:01	0.103
14	05/29/2015	12:04:01	0.107
15	05/29/2015	12:19:01	0.112
16	05/29/2015	12:34:01	0.115
17	05/29/2015	12:49:01	0.118
18	05/29/2015	13:04:01	0.122
19	05/29/2015	13:19:01	0.114
20	05/29/2015	13:34:01	0.110

Test 105

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/29/2015
Instrument S/N	8530142303	Start Time	07:57:04
		Stop Date	05/29/2015
		Stop Time	08:42:04
		Total Time	0:00:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	05/29/2015	08:12:04	0.062
2	05/29/2015	08:27:04	0.038
3	05/29/2015	08:42:04	0.036

Test 106

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/29/2015
Instrument S/N	8530142303	Start Time	09:40:27
		Stop Date	05/29/2015
		Stop Time	10:25:27
		Total Time	0:00:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	05/29/2015	09:55:27	0.032
2	05/29/2015	10:10:27	0.025
3	05/29/2015	10:25:27	0.021

Test 107

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/29/2015
Instrument S/N	8530142303	Start Time	12:20:13
		Stop Date	05/29/2015
		Stop Time	13:50:13
		Total Time	0:01:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	05/29/2015	12:35:13	0.022
2	05/29/2015	12:50:13	0.025
3	05/29/2015	13:05:13	0.021
4	05/29/2015	13:20:13	0.017
5	05/29/2015	13:35:13	0.003
6	05/29/2015	13:50:13	-0.005

Test 107

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/29/2015
Instrument S/N	8530100906	Start Time	12:32:07
		Stop Date	05/29/2015
		Stop Time	13:47:07
		Total Time	0:01:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	05/29/2015	12:47:07	0.081
2	05/29/2015	13:02:07	0.081
3	05/29/2015	13:17:07	0.079
4	05/29/2015	13:32:07	0.074
5	05/29/2015	13:47:07	0.071

Test 099

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/29/2015
Instrument S/N	8530110315	Start Time	08:40:10
		Stop Date	05/29/2015
		Stop Time	13:40:10
		Total Time	0:05:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	05/29/2015	08:55:10	0.129
2	05/29/2015	09:10:10	0.122
3	05/29/2015	09:25:10	0.132
4	05/29/2015	09:40:10	0.120
5	05/29/2015	09:55:10	0.115
6	05/29/2015	10:10:10	0.116
7	05/29/2015	10:25:10	0.118
8	05/29/2015	10:40:10	0.117
9	05/29/2015	10:55:10	0.113
10	05/29/2015	11:10:10	0.113
11	05/29/2015	11:25:10	0.112
12	05/29/2015	11:40:10	0.110
13	05/29/2015	11:55:10	0.109
14	05/29/2015	12:10:10	0.118
15	05/29/2015	12:25:10	0.122
16	05/29/2015	12:40:10	0.137
17	05/29/2015	12:55:10	0.132
18	05/29/2015	13:10:10	0.130
19	05/29/2015	13:25:10	0.122
20	05/29/2015	13:40:10	0.115

Monitoring Results / Reports
(Monday, June 1, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX83/4 RCRA RFI Soil Sampling (MW-26D)	8530113011	Upwind
EX83/4 RCRA RFI Soil Sampling (MW-26D)	8530110315	Downwind



Exide Technologies
2700 Indiana Street
Vernon, CA 90058

6/1/2015 Work Area EX-83 & 4

Test 100

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/01/2015
Instrument S/N	8530110315	Start Time	07:55:09
		Stop Date	06/01/2015
		Stop Time	15:10:09
		Total Time	0:07:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	06/01/2015	08:10:09	0.059
2	06/01/2015	08:25:09	0.059
3	06/01/2015	08:40:09	0.057
4	06/01/2015	08:55:09	0.056
5	06/01/2015	09:10:09	0.063
6	06/01/2015	09:25:09	0.059
7	06/01/2015	09:40:09	0.066
8	06/01/2015	09:55:09	0.056
9	06/01/2015	10:10:09	0.064
10	06/01/2015	10:25:09	0.055
11	06/01/2015	10:40:09	0.061
12	06/01/2015	10:55:09	0.068
13	06/01/2015	11:10:09	0.069
14	06/01/2015	11:25:09	0.073
15	06/01/2015	11:40:09	0.068
16	06/01/2015	11:55:09	0.073
17	06/01/2015	12:10:09	0.077
18	06/01/2015	12:25:09	0.086
19	06/01/2015	12:40:09	0.080
20	06/01/2015	12:55:09	0.087
21	06/01/2015	13:10:09	0.082
22	06/01/2015	13:25:09	0.105
23	06/01/2015	13:40:09	0.086
24	06/01/2015	13:55:09	0.085
25	06/01/2015	14:10:09	0.090
26	06/01/2015	14:25:09	0.085
27	06/01/2015	14:40:09	0.093
28	06/01/2015	14:55:09	0.096
29	06/01/2015	15:10:09	0.095

Test 127

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/01/2015
Instrument S/N	8530113011	Start Time	08:01:00
		Stop Date	06/01/2015
		Stop Time	15:01:00
		Total Time	0:07:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	06/01/2015	08:16:00	0.071
2	06/01/2015	08:31:00	0.057
3	06/01/2015	08:46:00	0.061
4	06/01/2015	09:01:00	0.060
5	06/01/2015	09:16:00	0.057
6	06/01/2015	09:31:00	0.055
7	06/01/2015	09:46:00	0.052
8	06/01/2015	10:01:00	0.056
9	06/01/2015	10:16:00	0.055
10	06/01/2015	10:31:00	0.052
11	06/01/2015	10:46:00	0.058
12	06/01/2015	11:01:00	0.063
13	06/01/2015	11:16:00	0.068
14	06/01/2015	11:31:00	0.069
15	06/01/2015	11:46:00	0.065
16	06/01/2015	12:01:00	0.072
17	06/01/2015	12:16:00	0.072
18	06/01/2015	12:31:00	0.072
19	06/01/2015	12:46:00	0.071
20	06/01/2015	13:01:00	0.071
21	06/01/2015	13:16:00	0.071
22	06/01/2015	13:31:00	0.072
23	06/01/2015	13:46:00	0.071
24	06/01/2015	14:01:00	0.071
25	06/01/2015	14:16:00	0.071
26	06/01/2015	14:31:00	0.074
27	06/01/2015	14:46:00	0.074
28	06/01/2015	15:01:00	0.075

Monitoring Results / Reports
(Tuesday, June 2, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX83/4 RCRA RFI Soil Sampling (MW-26D)	8530151809	Upwind
EX83/4 RCRA RFI Soil Sampling (MW-26D)	8530151905	Downwind
EX83/4 RCRA RFI Soil Sampling (MW-9D)	8530100906	Upwind
EX83/4 RCRA RFI Soil Sampling (MW-9D)	8530132205	Downwind



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6/2/2015 Work Area EX-83 & 4

Test 109

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/02/2015
Instrument S/N	8530100906	Start Time	09:17:56
		Stop Date	06/02/2015
		Stop Time	15:17:56
		Total Time	0:06:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	06/02/2015	09:32:56	0.031
2	06/02/2015	09:47:56	0.030
3	06/02/2015	10:02:56	0.029
4	06/02/2015	10:17:56	0.029
5	06/02/2015	10:32:56	0.029
6	06/02/2015	10:47:56	0.027
7	06/02/2015	11:02:56	0.026
8	06/02/2015	11:17:56	0.025
9	06/02/2015	11:32:56	0.024
10	06/02/2015	11:47:56	0.023
11	06/02/2015	12:02:56	0.025
12	06/02/2015	12:17:56	0.024
13	06/02/2015	12:32:56	0.025
14	06/02/2015	12:47:56	0.028
15	06/02/2015	13:02:56	0.028
16	06/02/2015	13:17:56	0.026
17	06/02/2015	13:32:56	0.024
18	06/02/2015	13:47:56	0.023
19	06/02/2015	14:02:56	0.023
20	06/02/2015	14:17:56	0.022
21	06/02/2015	14:32:56	0.022
22	06/02/2015	14:47:56	0.021
23	06/02/2015	15:02:56	0.020
24	06/02/2015	15:17:56	0.020

Test 068

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/02/2015
Instrument S/N	8530132205	Start Time	09:25:06
		Stop Date	06/02/2015
		Stop Time	15:25:06
		Total Time	0:06:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	06/02/2015	09:40:06	0.044
2	06/02/2015	09:55:06	0.041
3	06/02/2015	10:10:06	0.039
4	06/02/2015	10:25:06	0.039
5	06/02/2015	10:40:06	0.039
6	06/02/2015	10:55:06	0.035
7	06/02/2015	11:10:06	0.034
8	06/02/2015	11:25:06	0.032
9	06/02/2015	11:40:06	0.027
10	06/02/2015	11:55:06	0.028
11	06/02/2015	12:10:06	0.028
12	06/02/2015	12:25:06	0.028
13	06/02/2015	12:40:06	0.030
14	06/02/2015	12:55:06	0.031
15	06/02/2015	13:10:06	0.031
16	06/02/2015	13:25:06	0.028
17	06/02/2015	13:40:06	0.026
18	06/02/2015	13:55:06	0.025
19	06/02/2015	14:10:06	0.024
20	06/02/2015	14:25:06	0.023
21	06/02/2015	14:40:06	0.022
22	06/02/2015	14:55:06	0.021
23	06/02/2015	15:10:06	0.020
24	06/02/2015	15:25:06	0.020

Test 001

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/02/2015
Instrument S/N	8530151809	Start Time	07:16:57
		Stop Date	06/02/2015
		Stop Time	14:16:57
		Total Time	0:07:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	06/02/2015	07:31:57	0.046
2	06/02/2015	07:46:57	0.040
3	06/02/2015	08:01:57	0.040
4	06/02/2015	08:16:57	0.037
5	06/02/2015	08:31:57	0.046
6	06/02/2015	08:46:57	0.044
7	06/02/2015	09:01:57	0.045
8	06/02/2015	09:16:57	0.047
9	06/02/2015	09:31:57	0.048
10	06/02/2015	09:46:57	0.043
11	06/02/2015	10:01:57	0.039
12	06/02/2015	10:16:57	0.039
13	06/02/2015	10:31:57	0.041
14	06/02/2015	10:46:57	0.038
15	06/02/2015	11:01:57	0.036
16	06/02/2015	11:16:57	0.033
17	06/02/2015	11:31:57	0.030
18	06/02/2015	11:46:57	0.028
19	06/02/2015	12:01:57	0.028
20	06/02/2015	12:16:57	0.028
21	06/02/2015	12:31:57	0.028
22	06/02/2015	12:46:57	0.030
23	06/02/2015	13:01:57	0.034
24	06/02/2015	13:16:57	0.031
25	06/02/2015	13:31:57	0.031
26	06/02/2015	13:46:57	0.031
27	06/02/2015	14:01:57	0.026
28	06/02/2015	14:16:57	0.025

Test 001

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/02/2015
Instrument S/N	8530151905	Start Time	07:22:04
		Stop Date	06/02/2015
		Stop Time	14:07:04
		Total Time	0:06:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	06/02/2015	07:37:04	0.047
2	06/02/2015	07:52:04	0.040
3	06/02/2015	08:07:04	0.047
4	06/02/2015	08:22:04	0.039
5	06/02/2015	08:37:04	0.064
6	06/02/2015	08:52:04	0.047
7	06/02/2015	09:07:04	0.047
8	06/02/2015	09:22:04	0.048
9	06/02/2015	09:37:04	0.047
10	06/02/2015	09:52:04	0.045
11	06/02/2015	10:07:04	0.039
12	06/02/2015	10:22:04	0.039
13	06/02/2015	10:37:04	0.040
14	06/02/2015	10:52:04	0.036
15	06/02/2015	11:07:04	0.035
16	06/02/2015	11:22:04	0.031
17	06/02/2015	11:37:04	0.028
18	06/02/2015	11:52:04	0.026
19	06/02/2015	12:07:04	0.027
20	06/02/2015	12:22:04	0.027
21	06/02/2015	12:37:04	0.026
22	06/02/2015	12:52:04	0.031
23	06/02/2015	13:07:04	0.030
24	06/02/2015	13:22:04	0.039
25	06/02/2015	13:37:04	0.029
26	06/02/2015	13:52:04	0.027
27	06/02/2015	14:07:04	0.024

Monitoring Results / Reports
(Wednesday, June 3, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX83/4 RCRA RFI Soil Sampling (MW-6D)	8530151905	Upwind
EX83/4 RCRA RFI Soil Sampling (MW-6D)	8530151809	Downwind
EX97 Removal and Shipment of Blast Feed	8530100906	Bandini Gate
EX97 Removal and Shipment of Blast Feed	8530110315	Downwind



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6/3/2015 Work Area EX-83 & EX-97

Test 110

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/03/2015
Instrument S/N	8530100906	Start Time	08:54:16
		Stop Date	06/03/2015
		Stop Time	10:39:16
		Total Time	0:01:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	06/03/2015	09:09:16	0.039
2	06/03/2015	09:24:16	0.024
3	06/03/2015	09:39:16	0.027
4	06/03/2015	09:54:16	0.027
5	06/03/2015	10:09:16	0.026
6	06/03/2015	10:24:16	0.025
7	06/03/2015	10:39:16	0.016

Test 102

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/03/2015
Instrument S/N	8530110315	Start Time	06:30:23
		Stop Date	06/03/2015
		Stop Time	11:15:23
		Total Time	0:04:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	06/03/2015	06:45:23	0.024
2	06/03/2015	07:00:23	0.023
3	06/03/2015	07:15:23	0.026
4	06/03/2015	07:30:23	0.027
5	06/03/2015	07:45:23	0.027
6	06/03/2015	08:00:23	0.029
7	06/03/2015	08:15:23	0.026
8	06/03/2015	08:30:23	0.027
9	06/03/2015	08:45:23	0.029
10	06/03/2015	09:00:23	0.024
11	06/03/2015	09:15:23	0.037
12	06/03/2015	09:30:23	0.026
13	06/03/2015	09:45:23	0.026
14	06/03/2015	10:00:23	0.028
15	06/03/2015	10:15:23	0.034
16	06/03/2015	10:30:23	0.032
17	06/03/2015	10:45:23	0.032
18	06/03/2015	11:00:23	0.028
19	06/03/2015	11:15:23	0.025

Test 002

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/03/2015
Instrument S/N	8530151809	Start Time	08:38:24
		Stop Date	06/03/2015
		Stop Time	16:08:24
		Total Time	0:07:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	06/03/2015	08:53:24	0.031
2	06/03/2015	09:08:24	0.057
3	06/03/2015	09:23:24	0.056
4	06/03/2015	09:38:24	0.033
5	06/03/2015	09:53:24	0.035
6	06/03/2015	10:08:24	0.034
7	06/03/2015	10:23:24	0.039
8	06/03/2015	10:38:24	0.035
9	06/03/2015	10:53:24	0.031
10	06/03/2015	11:08:24	0.025
11	06/03/2015	11:23:24	0.022
12	06/03/2015	11:38:24	0.021
13	06/03/2015	11:53:24	0.020
14	06/03/2015	12:08:24	0.020
15	06/03/2015	12:23:24	0.021
16	06/03/2015	12:38:24	0.019
17	06/03/2015	12:53:24	0.020
18	06/03/2015	13:08:24	0.022
19	06/03/2015	13:23:24	0.024
20	06/03/2015	13:38:24	0.026
21	06/03/2015	13:53:24	0.030
22	06/03/2015	14:08:24	0.034
23	06/03/2015	14:23:24	0.034
24	06/03/2015	14:38:24	0.041
25	06/03/2015	14:53:24	0.044
26	06/03/2015	15:08:24	0.047
27	06/03/2015	15:23:24	0.035
28	06/03/2015	15:38:24	0.045
29	06/03/2015	15:53:24	0.033
30	06/03/2015	16:08:24	0.032

Test 002

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/03/2015
Instrument S/N	8530151905	Start Time	08:30:58
		Stop Date	06/03/2015
		Stop Time	16:00:58
		Total Time	0:07:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	06/03/2015	08:45:58	0.034
2	06/03/2015	09:00:58	0.030
3	06/03/2015	09:15:58	0.065
4	06/03/2015	09:30:58	0.034
5	06/03/2015	09:45:58	0.039
6	06/03/2015	10:00:58	0.034
7	06/03/2015	10:15:58	0.039
8	06/03/2015	10:30:58	0.038
9	06/03/2015	10:45:58	0.028
10	06/03/2015	11:00:58	0.029
11	06/03/2015	11:15:58	0.023
12	06/03/2015	11:30:58	0.021
13	06/03/2015	11:45:58	0.020
14	06/03/2015	12:00:58	0.021
15	06/03/2015	12:15:58	0.021
16	06/03/2015	12:30:58	0.019
17	06/03/2015	12:45:58	0.019
18	06/03/2015	13:00:58	0.020
19	06/03/2015	13:15:58	0.023
20	06/03/2015	13:30:58	0.024
21	06/03/2015	13:45:58	0.028
22	06/03/2015	14:00:58	0.033
23	06/03/2015	14:15:58	0.031
24	06/03/2015	14:30:58	0.040
25	06/03/2015	14:45:58	0.045
26	06/03/2015	15:00:58	0.048
27	06/03/2015	15:15:58	0.041
28	06/03/2015	15:30:58	0.035
29	06/03/2015	15:45:58	0.034
30	06/03/2015	16:00:58	0.031