TETRA TECH BAS

May 15, 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 # 35 (5/7/15 – 5/13/15)

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 7, 2015 through May 13, 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	2nd Round Feed Room Soil Sampling	Total Enclosure Building Under Negative Pressure*
EX 96	Repair RMPS Scrubber Demister	Total Enclosure Building Under Negative Pressure
EX 98	Repair Hard Lead Baghouse Fan	Total Enclosure Building Under Negative Pressure*

* Dust Trak monitoring performed for this work item.

Tetra Tech BAS, Inc.
1360 Valley Vista Drive, Diamond Bar, CA 91765
Tel 909.860.7777 Fax 909.860.8017 www.tetratech.com

Dust Removal

National Response Corporation (NRC) resumed dust removal activities on Monday, May 11, 2015, after repairs to the vacuum truck had been completed. After approximately 15 minutes of dust removal, one of the repaired seams began to leak and dust removal activities were immediately halted. Additional repairs were made and dust removal activities resumed on Tuesday, May 12, 2014. Dust removal activities resumed in the Upper Reverb Furnace Feed Room and will continue into the next reporting period. No additional leaks were observed after the repairs completed on Monday, May 11, 2015.

NRC's vacuum truck (Vehicle License No. 7M95594) has a valid SCAQMD Various Locations Permit for lead abatement (Permit No. G33129 A/N 568775). The vacuum truck is connected to the 3-inch hoses used to collect the dust.

Verification activities included:

- Visual observation of the dust removal process for fugitive dust within the total enclosure building.
- Verification that the Total Enclosure Building was maintained under negative pressure and vented to operational air pollution control equipment during all dust removal activities.

West Yard Sump Piping

Exide has indicated that this activity has been terminated due to their pending closure of the facility.

Blast Furnace Activities and Replacement of Blast Furnace Partial Enclosure

Exide has indicated that this activity has been terminated due to their pending closure of the facility.

Blast Furnace Tray Type Wet Scrubbing System

Exide has indicated that this activity has been terminated due to their pending closure of the facility.

Reverb Furnace Feed Modification

Exide has indicated that this activity has been terminated due to their pending closure of the facility.

Installation of the Rotary Dryer Regenerative Thermal Oxidizer (RTO)

Exide has indicated that this activity has been terminated due to their pending closure of the facility.

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.

Repurposing of North Reverb Furnace Bag House

Exide has indicated that this activity has been terminated due to their pending closure of the facility.

Installation of Blast Furnace RTO

Exide has indicated that this activity has been terminated due to their pending closure of the facility.

Building Negative Pressure Monitoring Upgrade

Exide continued installation activities on May 7, 2015. Activities included installation of remote monitoring telemetry in the CP2 control room. The negative pressure monitoring upgrades installation activities are complete and debugging of software will continue into the next reporting period.

Hard Lead System Ventilation Modification

Exide has indicated that this activity has been terminated due to their pending closure of the facility.

Blast Furnace Slag Tap Ventilation Hood Modification

Exide has indicated that this activity has been terminated due to their pending closure of the facility.

RCRA RFI Soil Sampling

Advanced Geo and their subcontractors Cascade Drilling, Avocet, and Rice Environmental continued the RCRA RFI Soil Sampling on Thursday, May 7, 2015. Castlerock constructed additional temporary enclosures around the work areas that were maintained under negative pressure and vented to 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. Seams that needed re-taping were identified during the periodic

inspection by Tetra Tech personnel or when a drop in negative pressure was noted. 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. Once NRC completes dust removal activities in the Reverb Feed Room, soil sampling activities will resume inside the Total Enclosure Building.

Repair RMPS Scrubber Demister

Baghouse Services continued repair activities on the RMPS scrubber demister. Repair activities will continue into the next reporting period.

Verification activities included:

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

Repair Hard Lead Baghouse Fan

Exide personnel continued repair activities on the Hard Lead Baghouse fan on Thursday, May 7, 2015. The stack was washed and the cover was removed on Monday, May 11, 2015. Repair activities were completed on Wednesday, May 13, 2015.

Verification activities included:

- Dust Trak monitoring at the onsite mid and onsite north high volume sampler locations during the washing of the stack and removal of the cap. Review of Dust Trak data did not indicate that work associated with capping the stack was generating fugitive dust emissions when washing and removing the cap on the stack.
- Confirmation that negative pressure was maintained by checking the gauge on the Total Enclosure Building.
- Visual observation of washing and removal of the cap on the stack.

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
West Yard Sump Piping	Terminated
Replacement of Blast Furnace Partial Enclosure	Terminated
Blast Furnace Activities	Terminated
Blast Furnace Tray Type Wet Scrubbing System Installation	Terminated
Reverb Furnace Feed Modification	Terminated
Installation of Rotary Dryer Regenerative Thermal Oxidizer	Terminated
Storm Water Repair – 3 Manholes	Ongoing – on hold
Repurposing of North Reverb Baghouse	Terminated
Installation of Blast RTO	Terminated
Building Negative Pressure Monitoring Upgrade	Ongoing
Hard Lead System Ventilation Hood Modification	Terminated
Blast Furnace Slag Tap Ventilation Hood Modification	Terminated
RCRA RFI Soil Sampling	Ongoing
2nd Round Feed Room Soil Sampling	Ongoing
Repair RMPS Scrubber Demister	Ongoing
Repair Hard Lead Baghouse Fan	Completed

WORK SCHEDULED DURING THE UPCOMING PERIOD:

The following activities are anticipated for the upcoming weeks:

Week	Anticipated Activities
May 14 – May 20	• Dust Removal Continues • 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 • RMPS Scrubber Demister Repair Continue

Week	Anticipated Activities
May 21 - May 27	• Dust Removal Continues • 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 • Repair RMPS Scrubber Demister Completes • Removal and Shipment of Blast Feed Begins

KEY MILESTONES:

The following key milestones were achieved during this reporting period:

- Repair Hard Lead Baghouse Fan : COMPLETED

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 May 7, 2015 through May 13, 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

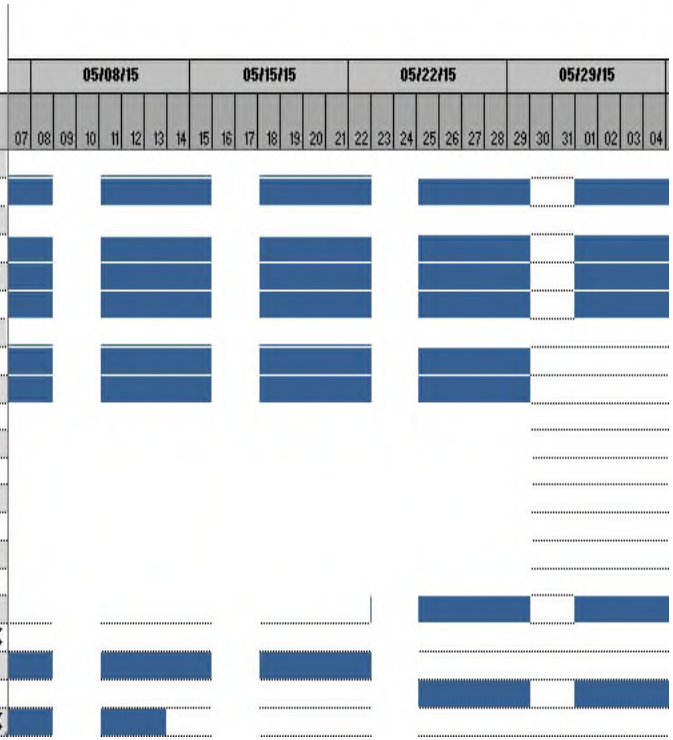
ATTACHMENTS:
Gant Chart Schedule
Site Map
Field Monitoring Data

Gant Chart Schedule

Project Schedule
Week of 5/14/15 –6/4/15
Rev: 5/14/2015

EXIDE TECHNOLOGIES — Recycling Division, Vernon, CA

Mitigation Plan Risks	Task Name	Plant Location	Duration	Start Date	Finish Date	%
Ex43	West Yard Sump Piping (T)	West Yard	243 days	9/29/14	5/30/15	90%
2a	Dust Removal for Structure	Total Enclosure	274 days	9/29/14	6/30/15	75%
Ex73	Stormwater Repair - 3 Manholes	Yards	211 days	10/31/14	5/30/15	95%
Ex72	Cleaning of Assorted Materials in Total Enclosure	Total Enclosure	222 days	11/20/14	6/30/15	79%
Ex76	Various Work Methods in Total Enclosure	Total Enclosure	221 days	11/21/14	6/30/15	79%
Ex33	Building Negative Pressure Monitoring Upgrade	General	186 days	12/1/14	6/5/15	95%
5b*	Blast Furnace Activities (T)	Blast Furnace	168 days	12/16/14	6/2/15	50%
4	RCRA RFI Soil Sampling	General	101 days	2/18/15	5/30/15	37%
Ex83	RFI Soil Sampling Supplemental	General	101 days	2/18/15	5/30/15	37%
3a*	Blast Furnace Tray Type Wet Scrubbing System (T)	BH Building	168 days	12/16/14	6/2/15	25%
3c*	Replacement of Blast Furnace Partial Enclosure (T)	Blast Furnace	168 days	12/16/14	6/2/15	85%
3i*	Installation of Rotary Dryer RTO (T)	BH Building	168 days	12/16/14	6/2/15	90%
Ex86 / 3k*	Installation of Blast RTO (T)	Smelting	162 days	12/22/14	6/2/15	45%
3b*	Hard Lead System Ventilation Modification (T)	BH Building	141 days	1/12/15	6/2/15	10%
3g*	Reverb Furnace Feed Modification (T)	Reverb	134 days	1/19/15	6/2/15	5%
3f*	Blast Furnace Slag Tap Ventilation Hood Mod. (T)	Blast Furnace	141 days	1/12/15	6/2/15	2%
Ex94	2nd Round Feed Room Soil Sampling	General	113 days	3/9/15	6/30/15	40%
Ex95	Replace Man Door at Corridor on Total Enclosure Bldg	Corridor	3 days	4/28/15	4/30/15	100%
Ex96	Repair RMPS Scrubber Demister	RMPS	24 days	4/28/15	5/22/15	50%
Ex97	Removal & Shipment of Blast Feed	Blast Furnace Feed Room	36 days	5/25/15	6/30/15	0%
Ex98	Repair Hard Lead Baghouse Fan	BH Building	14 days	4/29/15	5/13/15	100%



Projects with a (T) are RRP which have been Terminated

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_050715.pptx

Site Map

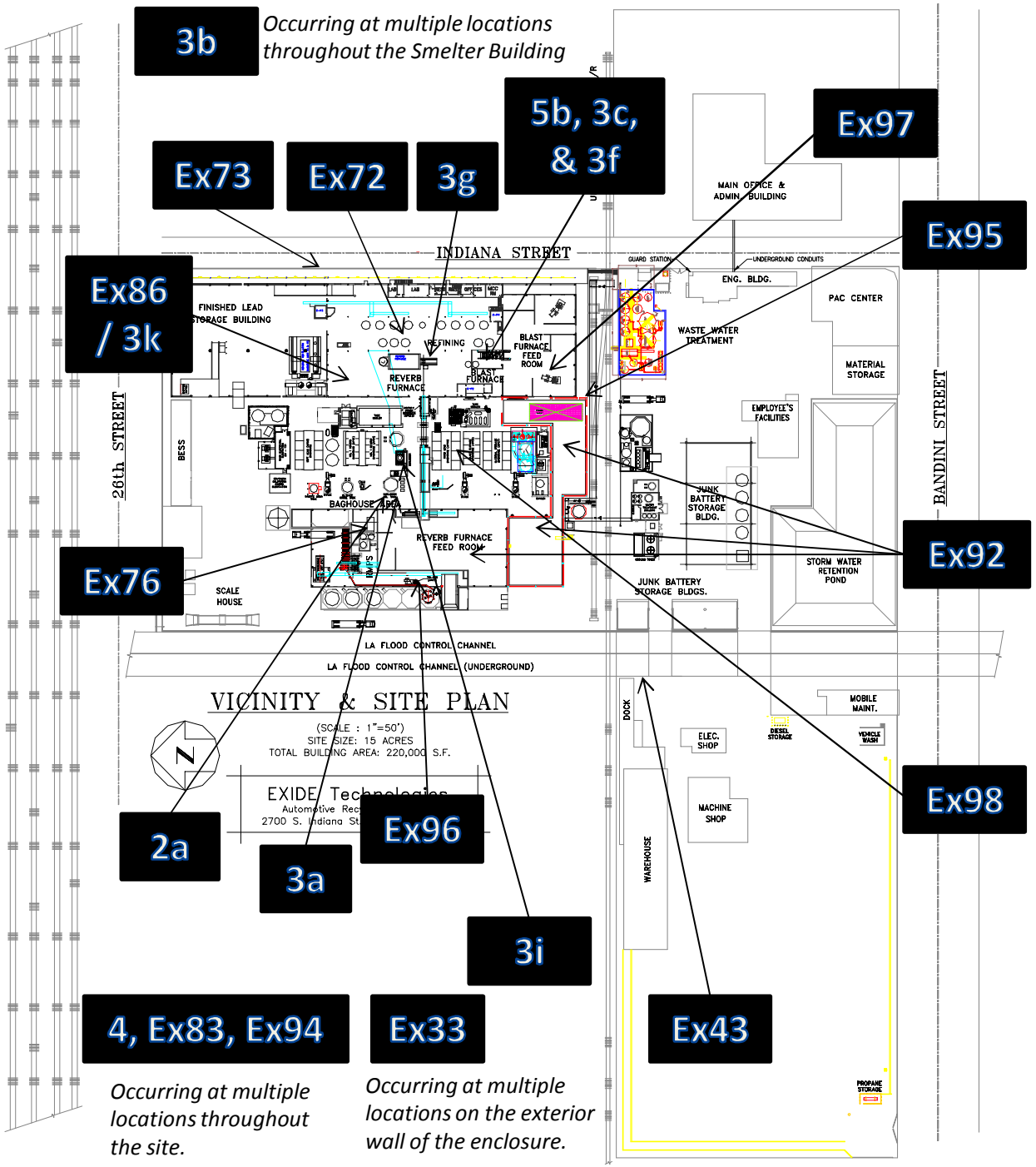
Mitigation Project Map Layout

Week 4/30/15 – 5/21/15

Rev: 5/7/2015

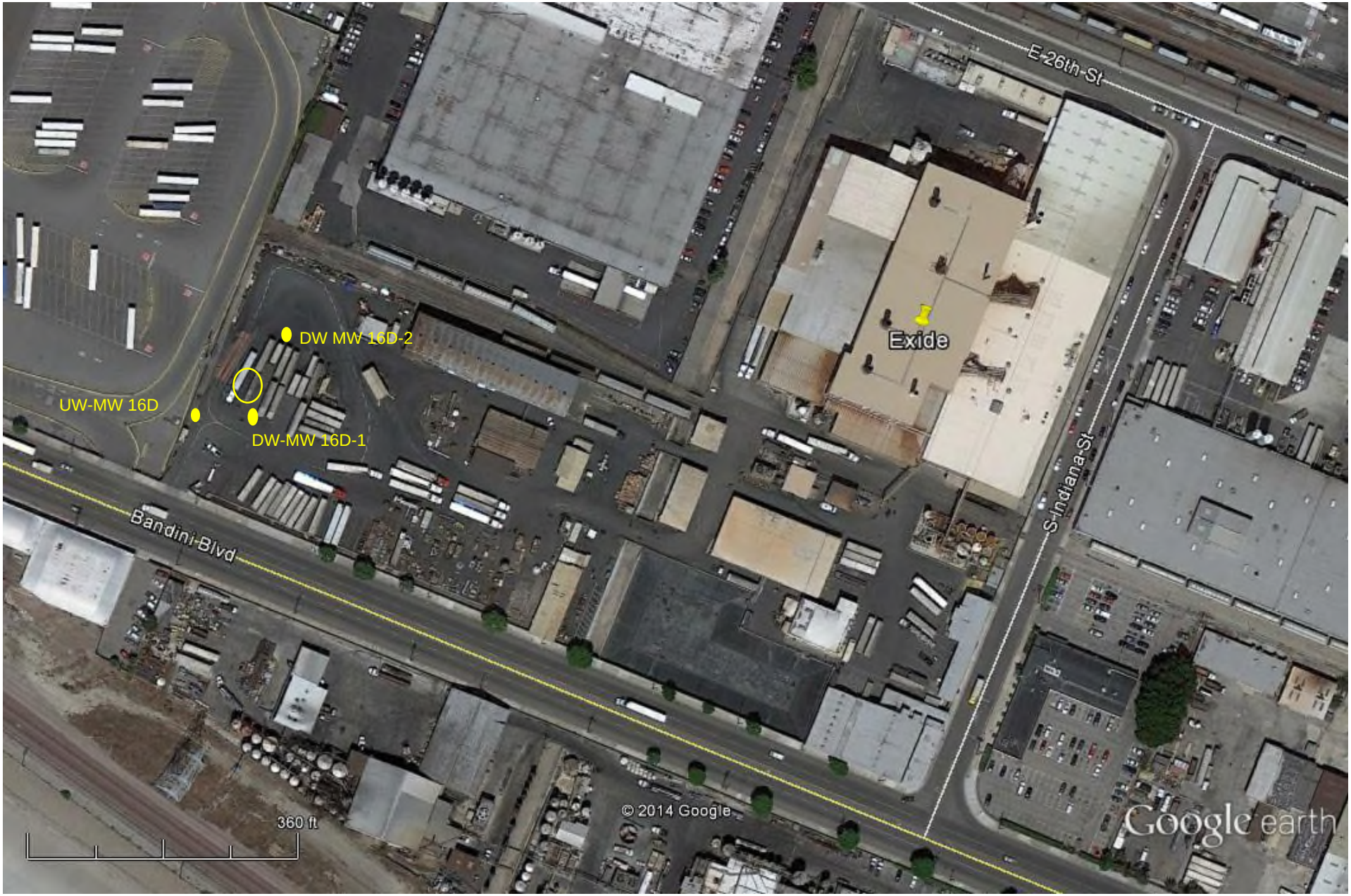
Ex43. *West Yard Sump Piping*
2a*. Dust Removal*
Ex73*. Stormwater Repair – 3 Manholes*
Ex33. *Building Negative Pressure Monitoring Upgrade*
4. *RCRA RFI Soil Sampling*
Ex83*. RFI Soil Sampling Supplemental*
Ex72. *Cleaning of Assorted Materials in Total Enclosure*
Ex76. *Various Work Methods in Total 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*
Ex95. *Replace Man Door on Corridor*
Ex96*. Repair RMPS Demister*
Ex 97*. Removal & Shipment of Blast Feed*
Ex 98*. Repair Herd Lead Baghouse Fan*

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



Monitoring Results / Reports
(Thursday, May 7, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX83/EX94 RCRA RFI Soil Sampling (MW-16D)	8530092511	Upwind
EX83/EX94 RCRA RFI Soil Sampling (MW-16D)	8530113011	Downwind 1
EX83/EX94 RCRA RFI Soil Sampling (MW-16D)	8530132205	Downwind 2



Exide Technologies
2700 Indiana Street
Vernon, CA 90058

5/7/2015 Work Area EX-92 & EX-83

Test 062

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/07/2015
Instrument S/N	8530132205	Start Time	10:01:43
		Stop Date	05/07/2015
		Stop Time	13:46:43
		Total Time	0:03:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/07/2015	10:16:43	0.028
2	05/07/2015	10:31:43	0.023
3	05/07/2015	10:46:43	0.021
4	05/07/2015	11:01:43	0.019
5	05/07/2015	11:16:43	0.017
6	05/07/2015	11:31:43	0.021
7	05/07/2015	11:46:43	0.020
8	05/07/2015	12:01:43	0.020
9	05/07/2015	12:16:43	0.021
10	05/07/2015	12:31:43	0.021
11	05/07/2015	12:46:43	0.028
12	05/07/2015	13:01:43	0.020
13	05/07/2015	13:16:43	0.020
14	05/07/2015	13:31:43	0.022
15	05/07/2015	13:46:43	0.024

Test 030

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/07/2015
Instrument S/N	8530092511	Start Time	10:08:07
		Stop Date	05/07/2015
		Stop Time	13:38:07
		Total Time	0:03:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/07/2015	10:23:07	0.010
2	05/07/2015	10:38:07	0.007
3	05/07/2015	10:53:07	0.007
4	05/07/2015	11:08:07	0.006
5	05/07/2015	11:23:07	0.007
6	05/07/2015	11:38:07	0.006
7	05/07/2015	11:53:07	0.007
8	05/07/2015	12:08:07	0.007
9	05/07/2015	12:23:07	0.007
10	05/07/2015	12:38:07	0.009
11	05/07/2015	12:53:07	0.010
12	05/07/2015	13:08:07	0.007
13	05/07/2015	13:23:07	0.007
14	05/07/2015	13:38:07	0.008

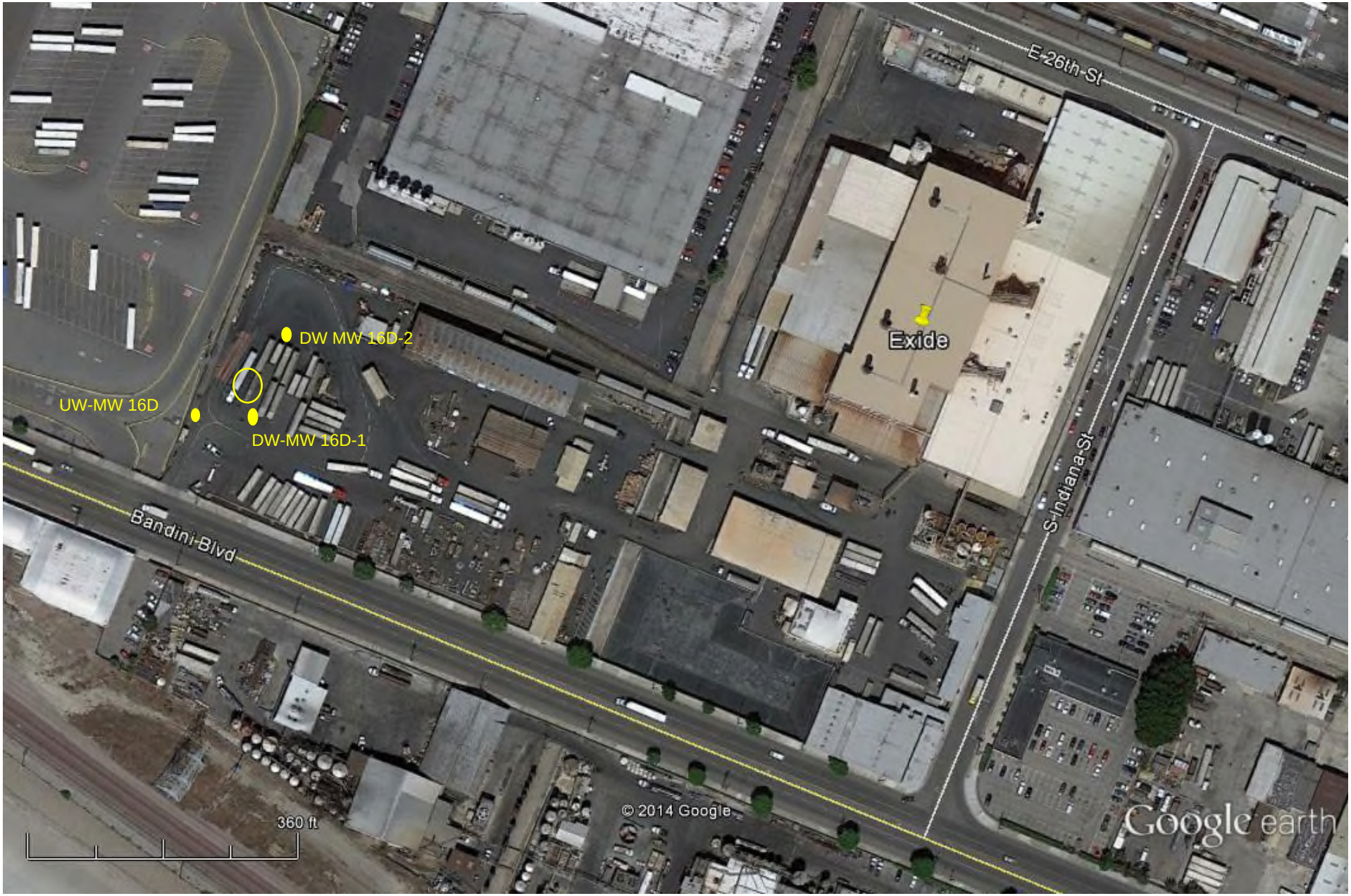
Test 110

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/07/2015
Instrument S/N	8530113011	Start Time	09:26:12
		Stop Date	05/07/2015
		Stop Time	11:41:12
		Total Time	0:02:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/07/2015	09:41:12	0.027
2	05/07/2015	09:56:12	0.029
3	05/07/2015	10:11:12	0.028
4	05/07/2015	10:26:12	0.030
5	05/07/2015	10:41:12	0.023
6	05/07/2015	10:56:12	0.021
7	05/07/2015	11:11:12	0.023
8	05/07/2015	11:26:12	0.023
9	05/07/2015	11:41:12	0.021

Monitoring Results / Reports
(Friday, May 8, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX83/EX94 RCRA RFI Soil Sampling (MW-16D)	8530100906	Upwind
EX83/EX94 RCRA RFI Soil Sampling (MW-16D)	8530142303	Downwind 1
EX83/EX94 RCRA RFI Soil Sampling (MW-16D)	8530132205	Downwind 2



Exide Technologies
2700 Indiana Street
Vernon, CA 90058

5/8/2015 Work Area EX-92 & EX-83

Test 063

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/08/2015
Instrument S/N	8530132205	Start Time	07:28:22
		Stop Date	05/08/2015
		Stop Time	13:58:22
		Total Time	0:06:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/08/2015	07:43:22	0.011
2	05/08/2015	07:58:22	0.009
3	05/08/2015	08:13:22	0.010
4	05/08/2015	08:28:22	0.012
5	05/08/2015	08:43:22	0.013
6	05/08/2015	08:58:22	0.014
7	05/08/2015	09:13:22	0.016
8	05/08/2015	09:28:22	0.017
9	05/08/2015	09:43:22	0.016
10	05/08/2015	09:58:22	0.016
11	05/08/2015	10:13:22	0.016
12	05/08/2015	10:28:22	0.016
13	05/08/2015	10:43:22	0.017
14	05/08/2015	10:58:22	0.017
15	05/08/2015	11:13:22	0.022
16	05/08/2015	11:28:22	0.021
17	05/08/2015	11:43:22	0.023
18	05/08/2015	11:58:22	0.026
19	05/08/2015	12:13:22	0.026
20	05/08/2015	12:28:22	0.025
21	05/08/2015	12:43:22	0.018
22	05/08/2015	12:58:22	0.020
23	05/08/2015	13:13:22	0.020
24	05/08/2015	13:28:22	0.023
25	05/08/2015	13:43:10	0.000
26	05/08/2015	13:43:22	0.039

Test 092

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/08/2015
Instrument S/N	8530142303	Start Time	07:34:06
		Stop Date	05/08/2015
		Stop Time	13:19:06
		Total Time	0:05:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/08/2015	07:49:06	0.014
2	05/08/2015	08:04:06	0.010
3	05/08/2015	08:19:06	0.014
4	05/08/2015	08:34:06	0.014
5	05/08/2015	08:49:06	0.014
6	05/08/2015	09:04:06	0.016
7	05/08/2015	09:19:06	0.018
8	05/08/2015	09:34:06	0.017
9	05/08/2015	09:49:06	0.017
10	05/08/2015	10:04:06	0.017
11	05/08/2015	10:19:06	0.018
12	05/08/2015	10:34:06	0.017
13	05/08/2015	10:49:06	0.018
14	05/08/2015	11:04:06	0.022
15	05/08/2015	11:19:06	0.026
16	05/08/2015	11:34:06	0.022
17	05/08/2015	11:49:06	0.025
18	05/08/2015	12:04:06	0.025
19	05/08/2015	12:19:06	0.028
20	05/08/2015	12:34:06	0.022
21	05/08/2015	12:49:06	0.018
22	05/08/2015	13:04:06	0.021
23	05/08/2015	13:19:06	0.020

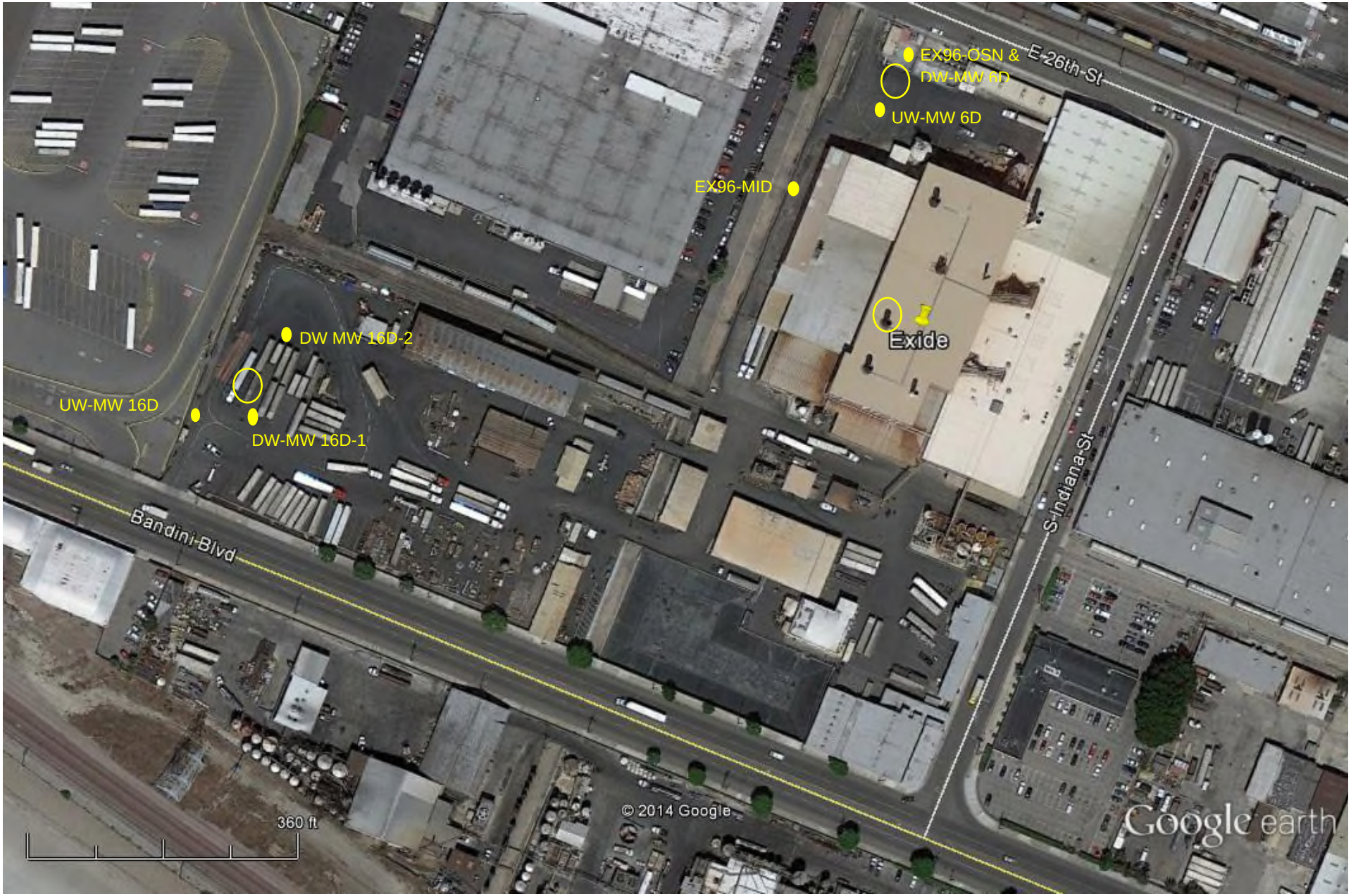
Test 101

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/08/2015
Instrument S/N	8530100906	Start Time	07:30:20
		Stop Date	05/08/2015
		Stop Time	13:30:20
		Total Time	0:06:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/08/2015	07:45:20	0.007
2	05/08/2015	08:00:20	0.005
3	05/08/2015	08:15:20	0.005
4	05/08/2015	08:30:20	0.008
5	05/08/2015	08:45:20	0.008
6	05/08/2015	09:00:20	0.008
7	05/08/2015	09:15:20	0.009
8	05/08/2015	09:30:20	0.010
9	05/08/2015	09:45:20	0.010
10	05/08/2015	10:00:20	0.011
11	05/08/2015	10:15:20	0.011
12	05/08/2015	10:30:20	0.010
13	05/08/2015	10:45:20	0.011
14	05/08/2015	11:00:20	0.011
15	05/08/2015	11:15:20	0.012
16	05/08/2015	11:30:20	0.012
17	05/08/2015	11:45:20	0.014
18	05/08/2015	12:00:20	0.014
19	05/08/2015	12:15:20	0.016
20	05/08/2015	12:30:20	0.013
21	05/08/2015	12:45:20	0.009
22	05/08/2015	13:00:20	0.011
23	05/08/2015	13:15:20	0.011
24	05/08/2015	13:30:20	0.014

Monitoring Results / Reports
(Monday, May 11, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX83/EX94 RCRA RFI Soil Sampling (MW-16D)	8530092511	Upwind
EX83/EX94 RCRA RFI Soil Sampling (MW-16D)	8530100906	Downwind 1
EX83/EX94 RCRA RFI Soil Sampling (MW-16D)	8530142303	Downwind 2
EX98 Repair Hard Lead Baghouse Fan	8530113011	Mid
EX98 Repair Hard Lead Baghouse Fan	8530110315	OSN
EX83/EX94 RCRA RFI Soil Sampling (MW-6D)	8530113011	Upwind
EX83/EX94 RCRA RFI Soil Sampling (MW-6D)	8530110315	Downwind



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5/11/2015 Work Area EX-92, EX-83 & EX-98

Test 093

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/11/2015
Instrument S/N	8530142303	Start Time	06:36:08
		Stop Date	05/11/2015
		Stop Time	13:21:08
		Total Time	0:06:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/11/2015	06:51:08	0.100
2	05/11/2015	07:06:08	0.086
3	05/11/2015	07:21:08	0.095
4	05/11/2015	07:36:08	0.095
5	05/11/2015	07:51:08	0.097
6	05/11/2015	08:06:08	0.094
7	05/11/2015	08:21:08	0.098
8	05/11/2015	08:36:08	0.113
9	05/11/2015	08:51:08	0.119
10	05/11/2015	09:06:08	0.121
11	05/11/2015	09:21:08	0.130
12	05/11/2015	09:36:08	0.140
13	05/11/2015	09:51:08	0.136
14	05/11/2015	10:06:08	0.124
15	05/11/2015	10:21:08	0.103
16	05/11/2015	10:36:08	0.090
17	05/11/2015	10:51:08	0.065
18	05/11/2015	11:06:08	0.058
19	05/11/2015	11:21:08	0.045
20	05/11/2015	11:36:08	0.058
21	05/11/2015	11:51:08	0.060
22	05/11/2015	12:06:08	0.057
23	05/11/2015	12:21:08	0.051
24	05/11/2015	12:36:08	0.047
25	05/11/2015	12:51:08	0.044
26	05/11/2015	13:06:08	0.045
27	05/11/2015	13:21:08	0.047

Test 031

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/11/2015
Instrument S/N	8530092511	Start Time	06:34:19
		Stop Date	05/11/2015
		Stop Time	13:19:19
		Total Time	0:06:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/11/2015	06:49:19	0.027
2	05/11/2015	07:04:19	0.024
3	05/11/2015	07:19:19	0.024
4	05/11/2015	07:34:19	0.024
5	05/11/2015	07:49:19	0.024
6	05/11/2015	08:04:19	0.023
7	05/11/2015	08:19:19	0.023
8	05/11/2015	08:34:19	0.025
9	05/11/2015	08:49:19	0.027
10	05/11/2015	09:04:19	0.028
11	05/11/2015	09:19:19	0.030
12	05/11/2015	09:34:19	0.032
13	05/11/2015	09:49:19	0.032
14	05/11/2015	10:04:19	0.029
15	05/11/2015	10:19:19	0.025
16	05/11/2015	10:34:19	0.022
17	05/11/2015	10:49:19	0.017
18	05/11/2015	11:04:19	0.015
19	05/11/2015	11:19:19	0.012
20	05/11/2015	11:34:19	0.014
21	05/11/2015	11:49:19	0.015
22	05/11/2015	12:04:19	0.015
23	05/11/2015	12:19:19	0.013
24	05/11/2015	12:34:19	0.012
25	05/11/2015	12:49:19	0.012
26	05/11/2015	13:04:19	0.012
27	05/11/2015	13:19:19	0.012

Test 102

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/11/2015
Instrument S/N	8530100906	Start Time	06:29:09
		Stop Date	05/11/2015
		Stop Time	13:14:09
		Total Time	0:06:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/11/2015	06:44:09	0.058
2	05/11/2015	06:59:09	0.055
3	05/11/2015	07:14:09	0.051
4	05/11/2015	07:29:09	0.054
5	05/11/2015	07:44:09	0.054
6	05/11/2015	07:59:09	0.052
7	05/11/2015	08:14:09	0.055
8	05/11/2015	08:29:09	0.059
9	05/11/2015	08:44:09	0.066
10	05/11/2015	08:59:09	0.066
11	05/11/2015	09:14:09	0.070
12	05/11/2015	09:29:09	0.077
13	05/11/2015	09:44:09	0.079
14	05/11/2015	09:59:09	0.075
15	05/11/2015	10:14:09	0.066
16	05/11/2015	10:29:09	0.060
17	05/11/2015	10:44:09	0.051
18	05/11/2015	10:59:09	0.043
19	05/11/2015	11:14:09	0.038
20	05/11/2015	11:29:09	0.039
21	05/11/2015	11:44:09	0.045
22	05/11/2015	11:59:09	0.044
23	05/11/2015	12:14:09	0.041
24	05/11/2015	12:29:09	0.039
25	05/11/2015	12:44:09	0.037
26	05/11/2015	12:59:09	0.036
27	05/11/2015	13:14:09	0.037

Test 085

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/11/2015
Instrument S/N	8530110315	Start Time	09:25:57
		Stop Date	05/11/2015
		Stop Time	11:55:57
		Total Time	0:02:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/11/2015	09:40:57	0.108
2	05/11/2015	09:55:57	0.101
3	05/11/2015	10:10:57	0.089
4	05/11/2015	10:25:57	0.080
5	05/11/2015	10:40:57	0.069
6	05/11/2015	10:55:57	0.051
7	05/11/2015	11:10:57	0.047
8	05/11/2015	11:25:57	0.043
9	05/11/2015	11:40:57	0.052
10	05/11/2015	11:55:57	0.052

Test 111

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/11/2015
Instrument S/N	8530113011	Start Time	09:19:16
		Stop Date	05/11/2015
		Stop Time	11:49:16
		Total Time	0:02:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/11/2015	09:34:16	0.114
2	05/11/2015	09:49:16	0.116
3	05/11/2015	10:04:16	0.107
4	05/11/2015	10:19:16	0.095
5	05/11/2015	10:34:16	0.085
6	05/11/2015	10:49:16	0.065
7	05/11/2015	11:04:16	0.053
8	05/11/2015	11:19:16	0.044
9	05/11/2015	11:34:16	0.047
10	05/11/2015	11:49:16	0.055

Test 086

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/11/2015
Instrument S/N	8530110315	Start Time	13:13:41
		Stop Date	05/11/2015
		Stop Time	15:43:41
		Total Time	0:02:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/11/2015	13:28:41	0.041
2	05/11/2015	13:43:41	0.047
3	05/11/2015	13:58:41	0.047
4	05/11/2015	14:13:41	0.041
5	05/11/2015	14:28:41	0.038
6	05/11/2015	14:43:41	0.038
7	05/11/2015	14:58:41	0.036
8	05/11/2015	15:13:41	0.035
9	05/11/2015	15:28:41	0.035
10	05/11/2015	15:43:41	0.032

Test 112

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/11/2015
Instrument S/N	8530113011	Start Time	13:47:25
		Stop Date	05/11/2015
		Stop Time	15:17:25
		Total Time	0:01:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/11/2015	14:02:25	0.046
2	05/11/2015	14:17:25	0.040
3	05/11/2015	14:32:25	0.038
4	05/11/2015	14:47:25	0.039
5	05/11/2015	15:02:25	0.036
6	05/11/2015	15:17:25	0.036

Monitoring Results / Reports
(Tuesday, May 12, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX83/EX94 RCRA RFI Soil Sampling (MW-6D)	8530113011	Upwind
EX83/EX94 RCRA RFI Soil Sampling (MW-6D)	8530092511	Downwind 1
EX83/EX94 RCRA RFI Soil Sampling (MW-6D)	8530110315	Downwind 2

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Test 113

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/12/2015
Instrument S/N	8530113011	Start Time	06:50:18
		Stop Date	05/12/2015
		Stop Time	16:05:18
		Total Time	0:09:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/12/2015	07:05:18	0.041
2	05/12/2015	07:20:18	0.039
3	05/12/2015	07:35:18	0.039
4	05/12/2015	07:50:18	0.037
5	05/12/2015	08:05:18	0.052
6	05/12/2015	08:20:18	0.047
7	05/12/2015	08:35:18	0.043
8	05/12/2015	08:50:18	0.037
9	05/12/2015	09:05:18	0.034
10	05/12/2015	09:20:18	0.039
11	05/12/2015	09:35:18	0.042
12	05/12/2015	09:50:18	0.042
13	05/12/2015	10:05:18	0.040
14	05/12/2015	10:20:18	0.042
15	05/12/2015	10:35:18	0.037
16	05/12/2015	10:50:18	0.029
17	05/12/2015	11:05:18	0.028
18	05/12/2015	11:20:18	0.027
19	05/12/2015	11:35:18	0.027
20	05/12/2015	11:50:18	0.026
21	05/12/2015	12:05:18	0.026
22	05/12/2015	12:20:18	0.026
23	05/12/2015	12:35:18	0.028
24	05/12/2015	12:50:18	0.029
25	05/12/2015	13:05:18	0.036
26	05/12/2015	13:20:18	0.034
27	05/12/2015	13:35:18	0.040
28	05/12/2015	13:50:18	0.038
29	05/12/2015	14:05:18	0.033
30	05/12/2015	14:20:18	0.030
31	05/12/2015	14:35:18	0.035
32	05/12/2015	14:50:18	0.030
33	05/12/2015	15:05:18	0.030
34	05/12/2015	15:20:18	0.030
35	05/12/2015	15:35:18	0.029
36	05/12/2015	15:50:18	0.031
37	05/12/2015	16:05:18	0.031

Test 032

Instrument	
Model	DustTrak II
Instrument S/N	8530092511

Data Properties	
Start Date	05/12/2015
Start Time	06:51:24
Stop Date	05/12/2015
Stop Time	16:06:24
Total Time	0:09:15:00
Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/12/2015	07:06:24	0.018
2	05/12/2015	07:21:24	0.017
3	05/12/2015	07:36:24	0.018
4	05/12/2015	07:51:24	0.017
5	05/12/2015	08:06:24	0.028
6	05/12/2015	08:21:24	0.018
7	05/12/2015	08:36:24	0.016
8	05/12/2015	08:51:24	0.014
9	05/12/2015	09:06:24	0.013
10	05/12/2015	09:21:24	0.015
11	05/12/2015	09:36:24	0.015
12	05/12/2015	09:51:24	0.016
13	05/12/2015	10:06:24	0.015
14	05/12/2015	10:21:24	0.014
15	05/12/2015	10:36:24	0.014
16	05/12/2015	10:51:24	0.011
17	05/12/2015	11:06:24	0.011
18	05/12/2015	11:21:24	0.010
19	05/12/2015	11:36:24	0.010
20	05/12/2015	11:51:24	0.010
21	05/12/2015	12:06:24	0.009
22	05/12/2015	12:21:24	0.013
23	05/12/2015	12:36:24	0.035
24	05/12/2015	12:51:24	0.024
25	05/12/2015	13:06:24	0.022
26	05/12/2015	13:21:24	0.031
27	05/12/2015	13:36:24	0.017
28	05/12/2015	13:51:24	0.021
29	05/12/2015	14:06:24	0.027
30	05/12/2015	14:21:24	0.026
31	05/12/2015	14:36:24	0.026
32	05/12/2015	14:51:24	0.020
33	05/12/2015	15:06:24	0.022
34	05/12/2015	15:21:24	0.028
35	05/12/2015	15:36:24	0.025
36	05/12/2015	15:51:24	0.028
37	05/12/2015	16:06:24	0.025

Test 087

Instrument	
Model	DustTrak II
Instrument S/N	8530110315

Data Properties	
Start Date	05/12/2015
Start Time	06:52:11
Stop Date	05/12/2015
Stop Time	16:07:11
Total Time	0:09:15:00
Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/12/2015	07:07:11	0.041
2	05/12/2015	07:22:11	0.040
3	05/12/2015	07:37:11	0.043
4	05/12/2015	07:52:11	0.040
5	05/12/2015	08:07:11	0.045
6	05/12/2015	08:22:11	0.045
7	05/12/2015	08:37:11	0.038
8	05/12/2015	08:52:11	0.034
9	05/12/2015	09:07:11	0.032
10	05/12/2015	09:22:11	0.038
11	05/12/2015	09:37:11	0.039
12	05/12/2015	09:52:11	0.040
13	05/12/2015	10:07:11	0.040
14	05/12/2015	10:22:11	0.038
15	05/12/2015	10:37:11	0.035
16	05/12/2015	10:52:11	0.031
17	05/12/2015	11:07:11	0.032
18	05/12/2015	11:22:11	0.029
19	05/12/2015	11:37:11	0.028
20	05/12/2015	11:52:11	0.026
21	05/12/2015	12:07:11	0.027
22	05/12/2015	12:22:11	0.031
23	05/12/2015	12:37:11	0.034
24	05/12/2015	12:52:11	0.033
25	05/12/2015	13:07:11	0.032
26	05/12/2015	13:22:11	0.036
27	05/12/2015	13:37:11	0.033
28	05/12/2015	13:52:11	0.034
29	05/12/2015	14:07:11	0.034
30	05/12/2015	14:22:11	0.035
31	05/12/2015	14:37:11	0.034
32	05/12/2015	14:52:11	0.034
33	05/12/2015	15:07:11	0.034
34	05/12/2015	15:22:11	0.034
35	05/12/2015	15:37:11	0.034
36	05/12/2015	15:52:11	0.036
37	05/12/2015	16:07:11	0.034

Monitoring Results / Reports
(Wednesday, May 13, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX83/EX94 RCRA RFI Soil Sampling (MW-6D)	8530113011	Upwind
EX83/EX94 RCRA RFI Soil Sampling (MW-6D)	8530092511	Downwind 1
EX83/EX94 RCRA RFI Soil Sampling (MW-6D)	8530110315	Downwind 2

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Test 114

Instrument	
Model	DustTrak II
Instrument S/N	8530113011

Data Properties	
Start Date	05/13/2015
Start Time	06:38:25
Stop Date	05/13/2015
Stop Time	15:53:25
Total Time	0:09:15:00
Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/13/2015	06:53:25	0.029
2	05/13/2015	07:08:25	0.028
3	05/13/2015	07:23:25	0.036
4	05/13/2015	07:38:25	0.035
5	05/13/2015	07:53:25	0.032
6	05/13/2015	08:08:25	0.031
7	05/13/2015	08:23:25	0.042
8	05/13/2015	08:38:25	0.030
9	05/13/2015	08:53:25	0.029
10	05/13/2015	09:08:25	0.028
11	05/13/2015	09:23:25	0.030
12	05/13/2015	09:38:25	0.033
13	05/13/2015	09:53:25	0.029
14	05/13/2015	10:08:25	0.035
15	05/13/2015	10:23:25	0.033
16	05/13/2015	10:38:25	0.029
17	05/13/2015	10:53:25	0.027
18	05/13/2015	11:08:25	0.032
19	05/13/2015	11:23:25	0.027
20	05/13/2015	11:38:25	0.024
21	05/13/2015	11:53:25	0.026
22	05/13/2015	12:08:25	0.027
23	05/13/2015	12:23:25	0.027
24	05/13/2015	12:38:25	0.029
25	05/13/2015	12:53:25	0.031
26	05/13/2015	13:08:25	0.029
27	05/13/2015	13:23:25	0.027
28	05/13/2015	13:38:25	0.030
29	05/13/2015	13:53:25	0.030
30	05/13/2015	14:08:25	0.037
31	05/13/2015	14:23:25	0.028
32	05/13/2015	14:38:25	0.029
33	05/13/2015	14:53:25	0.029
34	05/13/2015	15:08:25	0.028
35	05/13/2015	15:23:25	0.027
36	05/13/2015	15:38:25	0.027
37	05/13/2015	15:53:25	0.029

Test 033

Instrument	
Model	DustTrak II
Instrument S/N	8530092511

Data Properties	
Start Date	05/13/2015
Start Time	06:39:45
Stop Date	05/13/2015
Stop Time	15:39:45
Total Time	0:09:00:00
Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/13/2015	06:54:45	0.011
2	05/13/2015	07:09:45	0.011
3	05/13/2015	07:24:45	0.012
4	05/13/2015	07:39:45	0.012
5	05/13/2015	07:54:45	0.012
6	05/13/2015	08:09:45	0.010
7	05/13/2015	08:24:45	0.011
8	05/13/2015	08:39:45	0.011
9	05/13/2015	08:54:45	0.011
10	05/13/2015	09:09:45	0.011
11	05/13/2015	09:24:45	0.011
12	05/13/2015	09:39:45	0.010
13	05/13/2015	09:54:45	0.009
14	05/13/2015	10:09:45	0.010
15	05/13/2015	10:24:45	0.009
16	05/13/2015	10:39:45	0.009
17	05/13/2015	10:54:45	0.019
18	05/13/2015	11:09:45	0.010
19	05/13/2015	11:24:45	0.009
20	05/13/2015	11:39:45	0.009
21	05/13/2015	11:54:45	0.009
22	05/13/2015	12:09:45	0.009
23	05/13/2015	12:24:45	0.026
24	05/13/2015	12:39:45	0.020
25	05/13/2015	12:54:45	0.029
26	05/13/2015	13:09:45	0.029
27	05/13/2015	13:24:45	0.030
28	05/13/2015	13:39:45	0.027
29	05/13/2015	13:54:45	0.019
30	05/13/2015	14:09:45	0.015
31	05/13/2015	14:24:45	0.017
32	05/13/2015	14:39:45	0.032
33	05/13/2015	14:54:45	0.040
34	05/13/2015	15:09:45	0.036
35	05/13/2015	15:24:45	0.034
36	05/13/2015	15:39:45	0.032

Test 088

Instrument	
Model	DustTrak II
Instrument S/N	8530110315

Data Properties	
Start Date	05/13/2015
Start Time	06:40:05
Stop Date	05/13/2015
Stop Time	15:40:05
Total Time	0:09:00:00
Logging Interval	900 seconds

Test Data

Data Point	Date	Time	AEROSOL mg/m^3
1	05/13/2015	06:55:05	0.030
2	05/13/2015	07:10:05	0.028
3	05/13/2015	07:25:05	0.029
4	05/13/2015	07:40:05	0.028
5	05/13/2015	07:55:05	0.031
6	05/13/2015	08:10:05	0.028
7	05/13/2015	08:25:05	0.028
8	05/13/2015	08:40:05	0.027
9	05/13/2015	08:55:05	0.029
10	05/13/2015	09:10:05	0.030
11	05/13/2015	09:25:05	0.028
12	05/13/2015	09:40:05	0.027
13	05/13/2015	09:55:05	0.026
14	05/13/2015	10:10:05	0.026
15	05/13/2015	10:25:05	0.025
16	05/13/2015	10:40:05	0.025
17	05/13/2015	10:55:05	0.029
18	05/13/2015	11:10:05	0.027
19	05/13/2015	11:25:05	0.025
20	05/13/2015	11:40:05	0.025
21	05/13/2015	11:55:05	0.026
22	05/13/2015	12:10:05	0.027
23	05/13/2015	12:25:05	0.032
24	05/13/2015	12:40:05	0.031
25	05/13/2015	12:55:05	0.031
26	05/13/2015	13:10:05	0.030
27	05/13/2015	13:25:05	0.031
28	05/13/2015	13:40:05	0.030
29	05/13/2015	13:55:05	0.031
30	05/13/2015	14:10:05	0.030
31	05/13/2015	14:25:05	0.032
32	05/13/2015	14:40:05	0.035
33	05/13/2015	14:55:05	0.039
34	05/13/2015	15:10:05	0.033
35	05/13/2015	15:25:05	0.033
36	05/13/2015	15:40:05	0.031