

July 17, 2015

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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 # 44 (7/9/15 – 7/15/15)**

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 9, 2015 through July 15, 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	2 <sup>nd</sup> 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 101	Removal Loose Lead in Kettles	Total Enclosure Building Under Negative Pressure

\* Dust Trak monitoring performed for this work item.

**Tetra Tech BAS, Inc.**

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### Dust Removal

Dust removal is currently on hold, but will be scheduled and conducted on an as needed basis. On Thursday, July 9, 2015, NRC was onsite to decontaminate and demobilize their vacuum truck from the site. The vacuum truck was decontaminated in the Total Enclosure Building in accordance with the mitigation plan and the SCAQMD permit for the vacuum truck.

Verification activities included:

- Downwind Dust Trak monitoring on the total enclosure when the vacuum truck exited the total enclosure building after decontamination, to monitor for fugitive dust emissions. Review of Dust Trak data did not indicate that work associated with the stormwater repair was generating fugitive dust emissions.
- Confirmation that negative pressure was maintained by checking the gauges on the total enclosure building.

### Stormwater Repair – 3 Manholes

Innovative Construction Solutions (ICS) resumed activities on Thursday, July 9, 2015 at Manhole CL-14. Repair activities during this reporting period included testing repairs made to the storm drain pipe and backfilling the excavation with a cement slurry. Cement slurry was delivered to the site in a cement truck and pumped into the excavation using a concrete pump and hose. The backfilling of the excavation was completed within a temporary enclosure maintained under negative pressure and vented to a permitted HEPA filtration unit. The cement slurry will be allowed to cure into the next reporting period, and the temporary enclosure will be removed.

Verification activities included:

- Downwind Dust Trak monitoring on the temporary enclosure when 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 stormwater repair was generating fugitive dust emissions.
- Confirmation that negative pressure was maintained by checking the gauge on the temporary enclosure.
- 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 Castle rock prior to resuming work within the enclosures. Any observed conditions requiring repair were addressed immediately.

### Building Negative Pressure Monitoring Upgrade

Exide continued installation activities on July 9, 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 Geoscience and their subcontractors Cascade Drilling, and Avocet resumed the RCRA RFI Soil Sampling on site on Monday, July 13, 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 Rotasonic 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 – 2<sup>nd</sup> 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

Removal and shipment of feed resumed on Friday, July 10, 2015. Exide inspected the “end dump” trailer when it arrived at the site to verify that it was in good working condition and met Exide’s Pre-Loading Checklist requirements. The trailer passed inspection and was lined with a 6-mil polypropylene liner, ensuring that the liner was dimensioned adequately (length and width) to fashion a “burrito” type wrapping of the material after loading. Once lined, the 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 1 “end dump” trailer passed inspection, was 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 1 shipment on July 10, 2015.

Removal and Shipment of Tin and Antimony Dross

Advanced Construction personnel continued the removal and shipment of Tin Dross on Thursday, July 9, 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 drum with a shovel and not dumped from the top of the drum to minimize the amount of fugitive dust generated. A manually controlled misting sprayer was used to keep the material moist to 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.

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 552 drums of tin 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 Dross including: the pre-loading inspection of the drums, installation of plastic lining and covering, loading of Tin 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 120 drums on July 9, 2015, 80 drums on July 10, 2015, 100 drums on July 13, 2015, 112 drums on July 14, 2015, and 140 drums on July 15, 2015.

Removal of Loose Lead from Kettles

This activity has been discontinued and will be included in the site closure activities to be performed at a later date.

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	Ongoing
Building Negative Pressure Monitoring Upgrade	Ongoing
RCRA RFI Soil Sampling	Ongoing
2 <sup>nd</sup> Round Feed Room Soil Sampling	Ongoing – on hold
Removal and Shipment of Blast Feed	Ongoing
Removal and Shipment of Tin and Antimony Dross	Ongoing
Removal of Loose Lead from Kettles	Discontinued

**WORK SCHEDULED DURING THE UPCOMING PERIOD:**

The following activities are anticipated for the upcoming weeks:

Week	Anticipated Activities
July 16 – July 22	<ul style="list-style-type: none"> <li>• Dust Removal On Hold</li> <li>• Storm Water Repair 3 Manholes Completes</li> <li>• Building Negative Pressure Upgrade Continues</li> <li>• RCRA RFI Soil Sampling Continues</li> <li>• 2<sup>nd</sup> Round of Feed Room Floor Sampling On Hold</li> <li>• Removal and Shipment of Blast Feed Continues</li> <li>• Removal and Shipment of Blast Feed - Tin and Antimony Dross Continues</li> <li>• Removal and Shipment of Dross and Plates Begins</li> </ul>

Week	Anticipated Activities
July 23 - July 29	<ul style="list-style-type: none"> <li>• Dust Removal On Hold</li> <li>• Building Negative Pressure Upgrade Completes</li> <li>• RCRA RFI Soil Sampling Continues</li> <li>• 2<sup>nd</sup> Round of Feed Room Floor Sampling Continues</li> <li>• Removal and Shipment of Blast Feed Completes</li> <li>• Removal and Shipment of Blast Feed - Tin and Antimony Dross Continues</li> <li>• Removal and Shipment of Dross and Plates Continues</li> </ul>

KEY MILESTONES:

The following key milestones were achieved during this reporting period:

- None at this time.

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 9, 2015 through July 15, 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**

# EXIDE<sup>®</sup>

## TECHNOLOGIES

### Mitigation Project Map Layout

**Week 7/02/15 – 7/22/15**

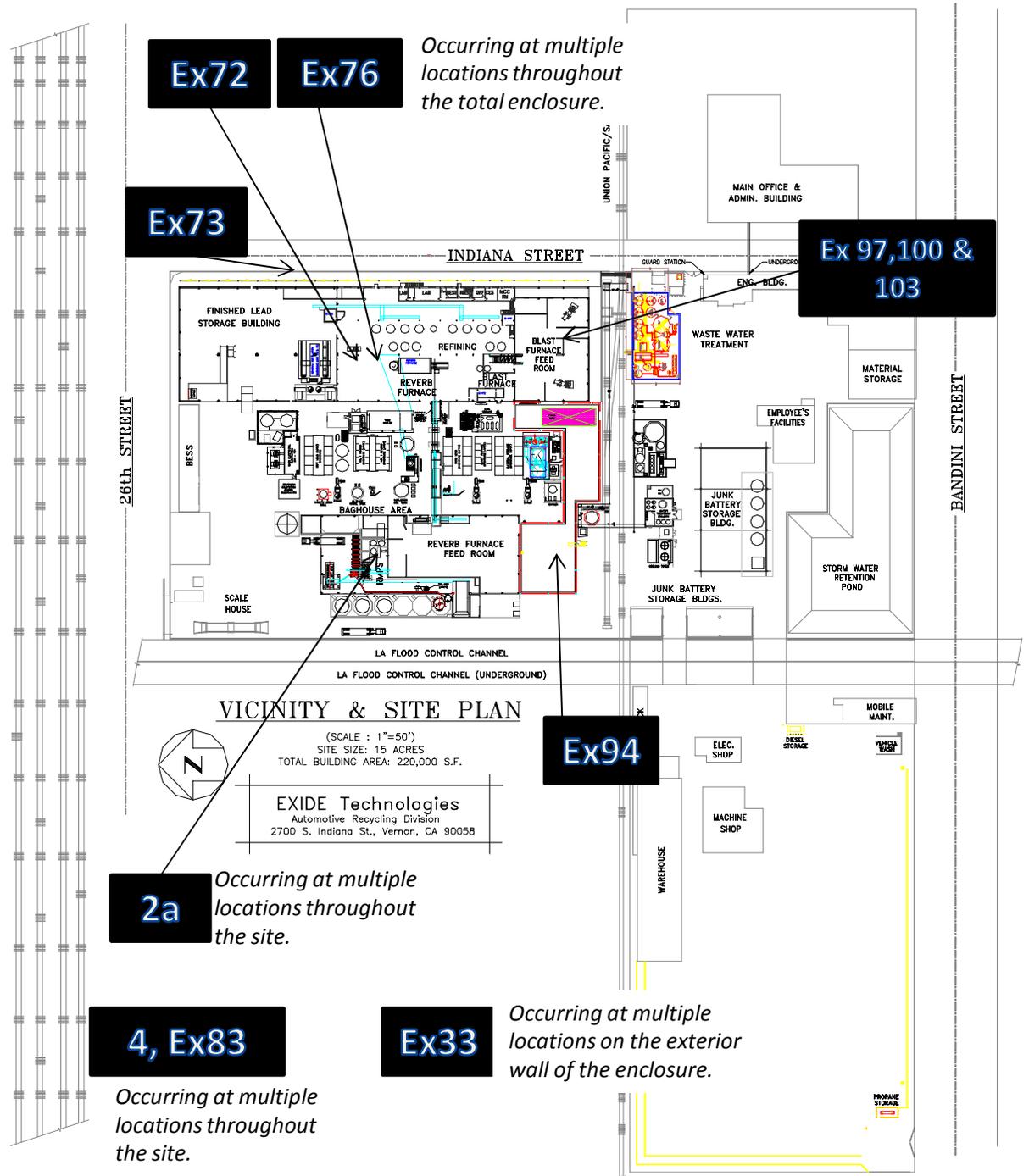
**Rev: 7/09/15**

#### 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.** 2<sup>nd</sup> 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

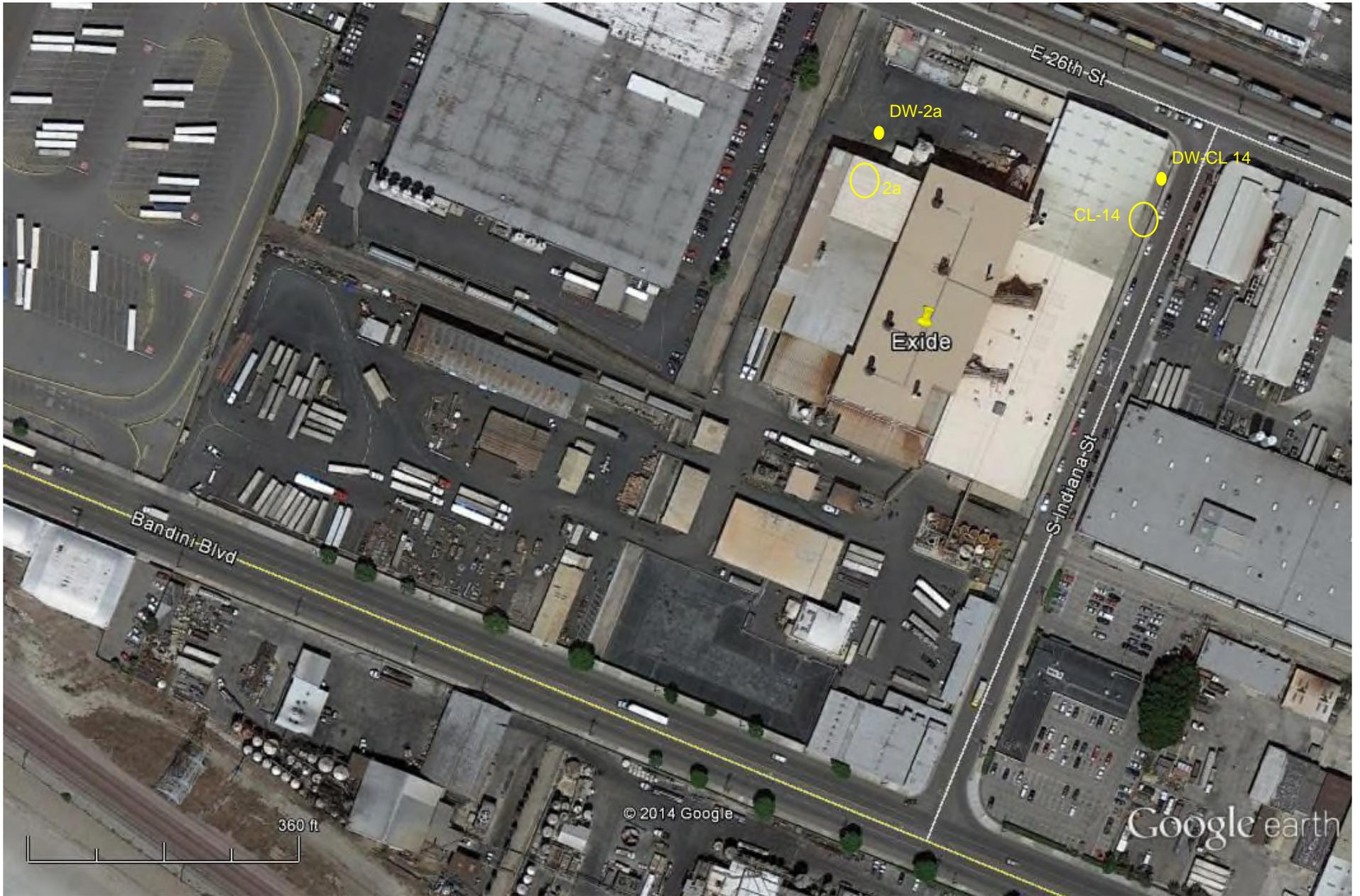
Numbering system correlates with Mitigation plan document. Ex refers to additional work part of Sec. 6b in the Mitigation plan document.

Mitigation Schedule and Map\_070915.pptx



**Monitoring Results / Reports**  
**(Thursday, July 9, 2015)**

<b>ACTIVITY</b>	<b>SERIAL NUMBER</b>	<b>LOCATION</b>
EX73 Stormwater Manhole Repairs (CL-14)	8530151905	Downwind
2a Dust Removal (Vacuum Truck Demobilization)	8530151809	Downwind



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Vernon, CA 90058

7/9/2015 Work Area EX-73 & 2a

# Test 023

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/09/2015
Instrument S/N	8530151809	Start Time	06:44:54
		Stop Date	07/09/2015
		Stop Time	10:14:54
		Total Time	0:03:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	07/09/2015	06:59:54	0.031
2	07/09/2015	07:14:54	0.031
3	07/09/2015	07:29:54	0.030
4	07/09/2015	07:44:54	0.032
5	07/09/2015	07:59:54	0.033
6	07/09/2015	08:14:54	0.030
7	07/09/2015	08:29:54	0.030
8	07/09/2015	08:44:54	0.031
9	07/09/2015	08:59:54	0.030
10	07/09/2015	09:14:54	0.027
11	07/09/2015	09:29:54	0.025
12	07/09/2015	09:44:54	0.028
13	07/09/2015	09:59:54	0.029
14	07/09/2015	10:14:54	0.028

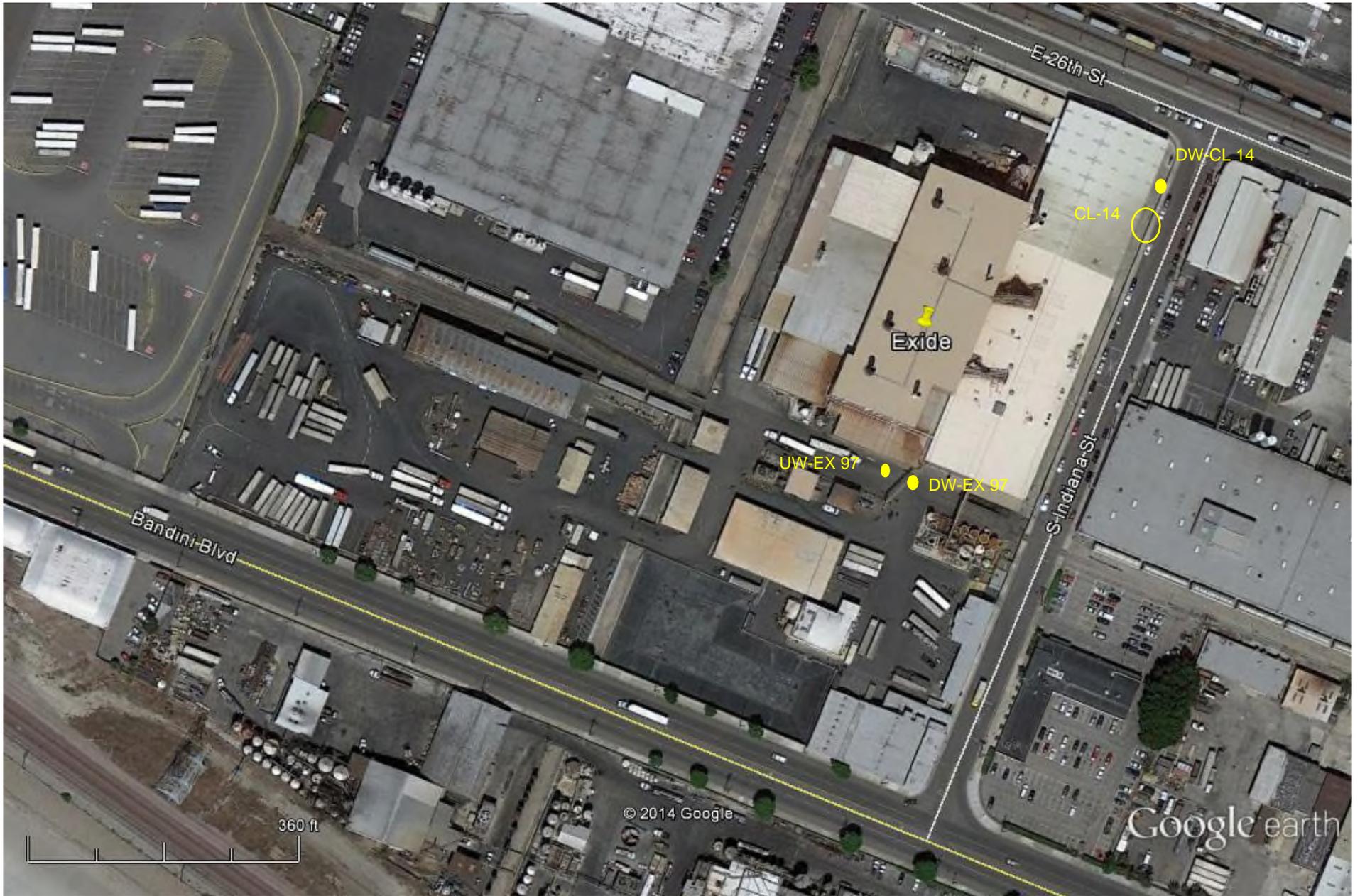
# Test 026

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/09/2015
Instrument S/N	8530151905	Start Time	06:16:40
		Stop Date	07/09/2015
		Stop Time	08:31:40
		Total Time	0:02:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	07/09/2015	06:31:40	0.018
2	07/09/2015	06:46:40	0.018
3	07/09/2015	07:01:40	0.020
4	07/09/2015	07:16:40	0.021
5	07/09/2015	07:31:40	0.020
6	07/09/2015	07:46:40	0.022
7	07/09/2015	08:01:40	0.021
8	07/09/2015	08:16:40	0.020
9	07/09/2015	08:31:40	0.020

**Monitoring Results / Reports**  
**(Friday, July 10, 2015)**

<b>ACTIVITY</b>	<b>SERIAL NUMBER</b>	<b>LOCATION</b>
EX97 Removal and Shipment of Blast Feed	8530151809	Upwind
EX97 Removal and Shipment of Blast Feed	8530151905	Downwind
EX73 Stormwater Manhole Repairs (CL-14)	8530132205	Downwind



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7/10/2015 Work Area EX-73 & EX-97

# Test 074

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/10/2015
Instrument S/N	8530132205	Start Time	08:42:15
		Stop Date	07/10/2015
		Stop Time	15:57:15
		Total Time	0:07:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	07/10/2015	08:57:15	0.023
2	07/10/2015	09:12:15	0.024
3	07/10/2015	09:27:15	0.026
4	07/10/2015	09:42:15	0.019
5	07/10/2015	09:57:15	0.011
6	07/10/2015	10:12:15	0.010
7	07/10/2015	10:27:15	0.012
8	07/10/2015	10:42:15	0.013
9	07/10/2015	10:57:15	0.010
10	07/10/2015	11:12:15	0.010
11	07/10/2015	11:27:15	0.012
12	07/10/2015	11:42:15	0.020
13	07/10/2015	11:57:15	0.020
14	07/10/2015	12:12:15	0.027
15	07/10/2015	12:27:15	0.026
16	07/10/2015	12:42:15	0.013
17	07/10/2015	12:57:15	0.013
18	07/10/2015	13:12:15	0.014
19	07/10/2015	13:27:15	0.012
20	07/10/2015	13:42:15	0.013
21	07/10/2015	13:57:15	0.012
22	07/10/2015	14:12:15	0.012
23	07/10/2015	14:27:15	0.012
24	07/10/2015	14:42:15	0.011
25	07/10/2015	14:57:15	0.012
26	07/10/2015	15:12:15	0.012
27	07/10/2015	15:27:15	0.011
28	07/10/2015	15:42:15	0.011
29	07/10/2015	15:57:15	0.011

# Test 024

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/10/2015
Instrument S/N	8530151809	Start Time	05:52:46
		Stop Date	07/10/2015
		Stop Time	12:52:46
		Total Time	0:07:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	07/10/2015	06:07:46	0.020
2	07/10/2015	06:22:46	0.020
3	07/10/2015	06:37:46	0.023
4	07/10/2015	06:52:46	0.024
5	07/10/2015	07:07:46	0.030
6	07/10/2015	07:22:46	0.027
7	07/10/2015	07:37:46	0.028
8	07/10/2015	07:52:46	0.026
9	07/10/2015	08:07:46	0.028
10	07/10/2015	08:22:46	0.036
11	07/10/2015	08:37:46	0.032
12	07/10/2015	08:52:46	0.034
13	07/10/2015	09:07:46	0.035
14	07/10/2015	09:22:46	0.038
15	07/10/2015	09:37:46	0.033
16	07/10/2015	09:52:46	0.019
17	07/10/2015	10:07:46	0.014
18	07/10/2015	10:22:46	0.013
19	07/10/2015	10:37:46	0.013
20	07/10/2015	10:52:46	0.013
21	07/10/2015	11:07:46	0.010
22	07/10/2015	11:22:46	0.010
23	07/10/2015	11:37:46	0.009
24	07/10/2015	11:52:46	0.009
25	07/10/2015	12:07:46	0.008
26	07/10/2015	12:22:46	0.009
27	07/10/2015	12:37:46	0.010
28	07/10/2015	12:52:46	0.010

# Test 028

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/10/2015
Instrument S/N	8530151905	Start Time	05:50:41
		Stop Date	07/10/2015
		Stop Time	12:50:41
		Total Time	0:07:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	07/10/2015	06:05:41	0.022
2	07/10/2015	06:20:41	0.021
3	07/10/2015	06:35:41	0.024
4	07/10/2015	06:50:41	0.025
5	07/10/2015	07:05:41	0.030
6	07/10/2015	07:20:41	0.029
7	07/10/2015	07:35:41	0.030
8	07/10/2015	07:50:41	0.028
9	07/10/2015	08:05:41	0.029
10	07/10/2015	08:20:41	0.038
11	07/10/2015	08:35:41	0.034
12	07/10/2015	08:50:41	0.036
13	07/10/2015	09:05:41	0.036
14	07/10/2015	09:20:41	0.038
15	07/10/2015	09:35:41	0.034
16	07/10/2015	09:50:41	0.020
17	07/10/2015	10:05:41	0.013
18	07/10/2015	10:20:41	0.012
19	07/10/2015	10:35:41	0.011
20	07/10/2015	10:50:41	0.012
21	07/10/2015	11:05:41	0.009
22	07/10/2015	11:20:41	0.009
23	07/10/2015	11:35:41	0.009
24	07/10/2015	11:50:41	0.009
25	07/10/2015	12:05:41	0.008
26	07/10/2015	12:20:41	0.008
27	07/10/2015	12:35:41	0.009
28	07/10/2015	12:50:41	0.010

**Monitoring Results / Reports**  
**(Monday, July 13, 2015)**

<b>ACTIVITY</b>	<b>SERIAL NUMBER</b>	<b>LOCATION</b>
EX83/4 RCRA RFI Soil Sampling (CB 2)	8530110315	Upwind
EX83/4 RCRA RFI Soil Sampling (CB 2)	8530151809	Downwind 1
EX83/4 RCRA RFI Soil Sampling (CB 2)	8530151905	Downwind 2
EX83/4 RCRA RFI Soil Sampling (MW-11D)	8530132205	Downwind
EX73 Stormwater Manhole Repairs (CL-14)	8533132612	Downwind



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7/13/2015 Work Area EX- 73 &  
EX-83/4

# Test 119

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/13/2015
Instrument S/N	8530110315	Start Time	08:45:38
		Stop Date	07/13/2015
		Stop Time	14:45:38
		Total Time	0:06:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	07/13/2015	09:00:38	0.027
2	07/13/2015	09:15:38	0.024
3	07/13/2015	09:30:38	0.023
4	07/13/2015	09:45:38	0.023
5	07/13/2015	10:00:38	0.024
6	07/13/2015	10:15:38	0.023
7	07/13/2015	10:30:38	0.022
8	07/13/2015	10:45:38	0.026
9	07/13/2015	11:00:38	0.023
10	07/13/2015	11:15:38	0.024
11	07/13/2015	11:30:38	0.024
12	07/13/2015	11:45:38	0.026
13	07/13/2015	12:00:38	0.027
14	07/13/2015	12:15:38	0.028
15	07/13/2015	12:30:38	0.029
16	07/13/2015	12:45:38	0.030
17	07/13/2015	13:00:38	0.029
18	07/13/2015	13:15:38	0.029
19	07/13/2015	13:30:38	0.027
20	07/13/2015	13:45:38	0.026
21	07/13/2015	14:00:38	0.025
22	07/13/2015	14:15:38	0.025
23	07/13/2015	14:30:38	0.023
24	07/13/2015	14:45:38	0.022

# Test 137

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/13/2015
Instrument S/N	8530113011	Start Time	09:21:43
		Stop Date	07/13/2015
		Stop Time	15:21:43
		Total Time	0:06:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	07/13/2015	09:36:43	0.022
2	07/13/2015	09:51:43	0.029
3	07/13/2015	10:06:43	0.047
4	07/13/2015	10:21:43	0.066
5	07/13/2015	10:36:43	0.026
6	07/13/2015	10:51:43	0.023
7	07/13/2015	11:06:43	0.021
8	07/13/2015	11:21:43	0.023
9	07/13/2015	11:36:43	0.022
10	07/13/2015	11:51:43	0.023
11	07/13/2015	12:06:43	0.025
12	07/13/2015	12:21:43	0.026
13	07/13/2015	12:36:43	0.026
14	07/13/2015	12:51:43	0.028
15	07/13/2015	13:06:43	0.028
16	07/13/2015	13:21:43	0.028
17	07/13/2015	13:36:43	0.028
18	07/13/2015	13:51:43	0.034
19	07/13/2015	14:06:43	0.033
20	07/13/2015	14:21:43	0.029
21	07/13/2015	14:36:43	0.027
22	07/13/2015	14:51:43	0.025
23	07/13/2015	15:06:43	0.028
24	07/13/2015	15:21:43	0.021

# Test 001

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	07/13/2015
Instrument S/N	8533132612	Start Time	08:10:07
		Stop Date	07/13/2015
		Stop Time	14:40:07
		Total Time	0:06:30:00
		Logging Interval	900 seconds

Test Data							
Data Point	Date	Time	PM1 mg/m <sup>3</sup>	PM2.5 mg/m <sup>3</sup>	RESP mg/m <sup>3</sup>	PM10 mg/m <sup>3</sup>	TOTAL mg/m <sup>3</sup>
1	07/13/2015	08:25:07	0.017	0.018	0.018	0.019	0.019
2	07/13/2015	08:40:07	0.009	0.010	0.010	0.010	0.010
3	07/13/2015	08:55:07	0.010	0.010	0.011	0.011	0.011
4	07/13/2015	09:10:07	0.012	0.012	0.012	0.013	0.013
5	07/13/2015	09:25:07	0.012	0.012	0.012	0.013	0.013
6	07/13/2015	09:40:07	0.011	0.011	0.011	0.012	0.012
7	07/13/2015	09:55:07	0.011	0.011	0.011	0.012	0.012
8	07/13/2015	10:10:07	0.011	0.012	0.012	0.013	0.013
9	07/13/2015	10:25:07	0.010	0.010	0.010	0.011	0.011
10	07/13/2015	10:40:07	0.009	0.009	0.010	0.010	0.010
11	07/13/2015	10:55:07	0.008	0.009	0.009	0.009	0.009
12	07/13/2015	11:10:07	0.009	0.009	0.010	0.010	0.010
13	07/13/2015	11:25:07	0.008	0.009	0.009	0.010	0.010
14	07/13/2015	11:40:07	0.009	0.009	0.009	0.010	0.010
15	07/13/2015	11:55:07	0.010	0.010	0.010	0.011	0.011
16	07/13/2015	12:10:07	0.010	0.010	0.010	0.011	0.011
17	07/13/2015	12:25:07	0.010	0.011	0.011	0.012	0.012
18	07/13/2015	12:40:07	0.011	0.011	0.011	0.012	0.012
19	07/13/2015	12:55:07	0.011	0.011	0.011	0.012	0.012
20	07/13/2015	13:10:07	0.010	0.011	0.011	0.012	0.012
21	07/13/2015	13:25:07	0.010	0.010	0.011	0.011	0.011
22	07/13/2015	13:40:07	0.010	0.010	0.010	0.011	0.011
23	07/13/2015	13:55:07	0.009	0.010	0.010	0.010	0.010
24	07/13/2015	14:10:07	0.009	0.010	0.010	0.011	0.011
25	07/13/2015	14:25:07	0.009	0.009	0.009	0.010	0.010
26	07/13/2015	14:40:07	0.009	0.009	0.009	0.010	0.010

# Test 025

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/13/2015
Instrument S/N	8530151809	Start Time	08:53:04
		Stop Date	07/13/2015
		Stop Time	14:53:04
		Total Time	0:06:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	07/13/2015	09:08:04	0.023
2	07/13/2015	09:23:04	0.020
3	07/13/2015	09:38:04	0.019
4	07/13/2015	09:53:04	0.020
5	07/13/2015	10:08:04	0.018
6	07/13/2015	10:23:04	0.017
7	07/13/2015	10:38:04	0.016
8	07/13/2015	10:53:04	0.016
9	07/13/2015	11:08:04	0.017
10	07/13/2015	11:23:04	0.016
11	07/13/2015	11:38:04	0.016
12	07/13/2015	11:53:04	0.017
13	07/13/2015	12:08:04	0.018
14	07/13/2015	12:23:04	0.019
15	07/13/2015	12:38:04	0.019
16	07/13/2015	12:53:04	0.020
17	07/13/2015	13:08:04	0.018
18	07/13/2015	13:23:04	0.019
19	07/13/2015	13:38:04	0.017
20	07/13/2015	13:53:04	0.017
21	07/13/2015	14:08:04	0.016
22	07/13/2015	14:23:04	0.015
23	07/13/2015	14:38:04	0.013
24	07/13/2015	14:53:04	0.012

# Test 029

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/13/2015
Instrument S/N	8530151905	Start Time	08:59:22
		Stop Date	07/13/2015
		Stop Time	14:59:22
		Total Time	0:06:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	07/13/2015	09:14:22	0.028
2	07/13/2015	09:29:22	0.026
3	07/13/2015	09:44:22	0.035
4	07/13/2015	09:59:22	0.046
5	07/13/2015	10:14:22	0.029
6	07/13/2015	10:29:22	0.035
7	07/13/2015	10:44:22	0.024
8	07/13/2015	10:59:22	0.033
9	07/13/2015	11:14:22	0.021
10	07/13/2015	11:29:22	0.019
11	07/13/2015	11:44:22	0.020
12	07/13/2015	11:59:22	0.020
13	07/13/2015	12:14:22	0.021
14	07/13/2015	12:29:22	0.023
15	07/13/2015	12:44:22	0.025
16	07/13/2015	12:59:22	0.033
17	07/13/2015	13:14:22	0.045
18	07/13/2015	13:29:22	0.034
19	07/13/2015	13:44:22	0.022
20	07/13/2015	13:59:22	0.021
21	07/13/2015	14:14:22	0.043
22	07/13/2015	14:29:22	0.033
23	07/13/2015	14:44:22	0.015
24	07/13/2015	14:59:22	0.012

**Results / Reports**  
**(Tuesday, July 14, 2015)**

<b>ACTIVITY</b>	<b>SERIAL NUMBER</b>	<b>LOCATION</b>
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



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# Test 075

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/14/2015
Instrument S/N	8530132205	Start Time	08:10:25
		Stop Date	07/14/2015
		Stop Time	16:10:25
		Total Time	0:08:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	07/14/2015	08:25:25	0.051
2	07/14/2015	08:40:25	0.048
3	07/14/2015	08:55:25	0.045
4	07/14/2015	09:10:25	0.042
5	07/14/2015	09:25:25	0.041
6	07/14/2015	09:40:25	0.042
7	07/14/2015	09:55:25	0.038
8	07/14/2015	10:10:25	0.038
9	07/14/2015	10:25:25	0.038
10	07/14/2015	10:40:25	0.039
11	07/14/2015	10:55:25	0.046
12	07/14/2015	11:10:25	0.039
13	07/14/2015	11:25:25	0.036
14	07/14/2015	11:40:25	0.036
15	07/14/2015	11:55:25	0.035
16	07/14/2015	12:10:25	0.035
17	07/14/2015	12:25:25	0.035
18	07/14/2015	12:40:25	0.033
19	07/14/2015	12:55:25	0.033
20	07/14/2015	13:10:25	0.029
21	07/14/2015	13:25:25	0.030
22	07/14/2015	13:40:25	0.027
23	07/14/2015	13:55:25	0.028
24	07/14/2015	14:10:25	0.030
25	07/14/2015	14:25:25	0.029
26	07/14/2015	14:40:25	0.028
27	07/14/2015	14:55:25	0.027
28	07/14/2015	15:10:25	0.027
29	07/14/2015	15:25:25	0.027
30	07/14/2015	15:40:25	0.027
31	07/14/2015	15:55:25	0.027
32	07/14/2015	16:10:25	0.027

# Test 026

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/14/2015
Instrument S/N	8530151809	Start Time	08:11:24
		Stop Date	07/14/2015
		Stop Time	16:26:24
		Total Time	0:08:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	07/14/2015	08:26:24	0.074
2	07/14/2015	08:41:24	0.061
3	07/14/2015	08:56:24	0.067
4	07/14/2015	09:11:24	0.061
5	07/14/2015	09:26:24	0.057
6	07/14/2015	09:41:24	0.062
7	07/14/2015	09:56:24	0.048
8	07/14/2015	10:11:24	0.052
9	07/14/2015	10:26:24	0.044
10	07/14/2015	10:41:24	0.038
11	07/14/2015	10:56:24	0.039
12	07/14/2015	11:11:24	0.040
13	07/14/2015	11:26:24	0.034
14	07/14/2015	11:41:24	0.031
15	07/14/2015	11:56:24	0.030
16	07/14/2015	12:11:24	0.030
17	07/14/2015	12:26:24	0.040
18	07/14/2015	12:41:24	0.038
19	07/14/2015	12:56:24	0.053
20	07/14/2015	13:11:24	0.045
21	07/14/2015	13:26:24	0.030
22	07/14/2015	13:41:24	0.042
23	07/14/2015	13:56:24	0.051
24	07/14/2015	14:11:24	0.057
25	07/14/2015	14:26:24	0.060
26	07/14/2015	14:41:24	0.054
27	07/14/2015	14:56:24	0.034
28	07/14/2015	15:11:24	0.021
29	07/14/2015	15:26:24	0.020
30	07/14/2015	15:41:24	0.019
31	07/14/2015	15:56:24	0.019
32	07/14/2015	16:11:24	0.019
33	07/14/2015	16:26:24	0.020

# Test 138

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/14/2015
Instrument S/N	8530113011	Start Time	07:51:39
		Stop Date	07/14/2015
		Stop Time	16:06:39
		Total Time	0:08:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	07/14/2015	08:06:39	0.111
2	07/14/2015	08:21:39	0.069
3	07/14/2015	08:36:39	0.083
4	07/14/2015	08:51:39	0.056
5	07/14/2015	09:06:39	0.056
6	07/14/2015	09:21:39	0.043
7	07/14/2015	09:36:39	0.044
8	07/14/2015	09:51:39	0.040
9	07/14/2015	10:06:39	0.037
10	07/14/2015	10:21:39	0.037
11	07/14/2015	10:36:39	0.042
12	07/14/2015	10:51:39	0.047
13	07/14/2015	11:06:39	0.039
14	07/14/2015	11:21:39	0.038
15	07/14/2015	11:36:39	0.037
16	07/14/2015	11:51:39	0.039
17	07/14/2015	12:06:39	0.037
18	07/14/2015	12:21:39	0.043
19	07/14/2015	12:36:39	0.054
20	07/14/2015	12:51:39	0.059
21	07/14/2015	13:06:39	0.044
22	07/14/2015	13:21:39	0.042
23	07/14/2015	13:36:39	0.051
24	07/14/2015	13:51:39	0.048
25	07/14/2015	14:06:39	0.085
26	07/14/2015	14:21:39	0.060
27	07/14/2015	14:36:39	0.046
28	07/14/2015	14:51:39	0.038
29	07/14/2015	15:06:39	0.037
30	07/14/2015	15:21:39	0.036
31	07/14/2015	15:36:39	0.037
32	07/14/2015	15:51:39	0.037
33	07/14/2015	16:06:39	0.038

**Results / Reports**  
**(Wednesday, July 15, 2015)**

<b>ACTIVITY</b>	<b>SERIAL NUMBER</b>	<b>LOCATION</b>
EX83/4 RCRA RFI Soil Sampling (CB 2)	8530151905	Downwind 1
EX83/4 RCRA RFI Soil Sampling (CB 2)	8530132205	Downwind 2
EX83/4 RCRA RFI Soil Sampling (MW-11D)	8530113011	Downwind



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# Test 139

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/15/2015
Instrument S/N	8530113011	Start Time	05:31:56
		Stop Date	07/15/2015
		Stop Time	14:46:56
		Total Time	0:09:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	07/15/2015	05:46:56	0.035
2	07/15/2015	06:01:56	0.032
3	07/15/2015	06:16:56	0.036
4	07/15/2015	06:31:56	0.035
5	07/15/2015	06:46:56	0.050
6	07/15/2015	07:01:56	0.086
7	07/15/2015	07:16:56	0.048
8	07/15/2015	07:31:56	0.055
9	07/15/2015	07:46:56	0.041
10	07/15/2015	08:01:56	0.063
11	07/15/2015	08:16:56	0.052
12	07/15/2015	08:31:56	0.046
13	07/15/2015	08:46:56	0.039
14	07/15/2015	09:01:56	0.038
15	07/15/2015	09:16:56	0.039
16	07/15/2015	09:31:56	0.038
17	07/15/2015	09:46:56	0.040
18	07/15/2015	10:01:56	0.050
19	07/15/2015	10:16:56	0.033
20	07/15/2015	10:31:56	0.033
21	07/15/2015	10:46:56	0.039
22	07/15/2015	11:01:56	0.032
23	07/15/2015	11:16:56	0.030
24	07/15/2015	11:31:56	0.032
25	07/15/2015	11:46:56	0.031
26	07/15/2015	12:01:56	0.032
27	07/15/2015	12:16:56	0.036
28	07/15/2015	12:31:56	0.056
29	07/15/2015	12:46:56	0.039
30	07/15/2015	13:01:56	0.047
31	07/15/2015	13:16:56	0.040
32	07/15/2015	13:31:56	0.063
33	07/15/2015	13:46:56	0.046
34	07/15/2015	14:01:56	0.044
35	07/15/2015	14:16:56	0.037
36	07/15/2015	14:31:56	0.037
37	07/15/2015	14:46:56	0.038

# Test 076

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/15/2015
Instrument S/N	8530132205	Start Time	05:21:30
		Stop Date	07/15/2015
		Stop Time	13:21:30
		Total Time	0:08:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	07/15/2015	05:36:30	0.035
2	07/15/2015	05:51:30	0.032
3	07/15/2015	06:06:30	0.037
4	07/15/2015	06:21:30	0.032
5	07/15/2015	06:36:30	0.037
6	07/15/2015	06:51:30	0.033
7	07/15/2015	07:06:30	0.037
8	07/15/2015	07:21:30	0.040
9	07/15/2015	07:36:30	0.039
10	07/15/2015	07:51:30	0.037
11	07/15/2015	08:06:30	0.048
12	07/15/2015	08:21:30	0.046
13	07/15/2015	08:36:30	0.056
14	07/15/2015	08:51:30	0.039
15	07/15/2015	09:06:30	0.056
16	07/15/2015	09:21:30	0.038
17	07/15/2015	09:36:30	0.034
18	07/15/2015	09:51:30	0.034
19	07/15/2015	10:06:30	0.030
20	07/15/2015	10:21:30	0.029
21	07/15/2015	10:36:30	0.030
22	07/15/2015	10:51:30	0.028
23	07/15/2015	11:06:30	0.028
24	07/15/2015	11:21:30	0.030
25	07/15/2015	11:36:30	0.028
26	07/15/2015	11:51:30	0.030
27	07/15/2015	12:06:30	0.030
28	07/15/2015	12:21:30	0.031
29	07/15/2015	12:36:30	0.030
30	07/15/2015	12:51:30	0.032
31	07/15/2015	13:06:30	0.030
32	07/15/2015	13:21:30	0.030

# Test 030

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/15/2015
Instrument S/N	8530151905	Start Time	05:21:11
		Stop Date	07/15/2015
		Stop Time	13:36:11
		Total Time	0:08:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	07/15/2015	05:36:11	0.035
2	07/15/2015	05:51:11	0.033
3	07/15/2015	06:06:11	0.057
4	07/15/2015	06:21:11	0.034
5	07/15/2015	06:36:11	0.036
6	07/15/2015	06:51:11	0.032
7	07/15/2015	07:06:11	0.035
8	07/15/2015	07:21:11	0.038
9	07/15/2015	07:36:11	0.039
10	07/15/2015	07:51:11	0.034
11	07/15/2015	08:06:11	0.044
12	07/15/2015	08:21:11	0.049
13	07/15/2015	08:36:11	0.045
14	07/15/2015	08:51:11	0.039
15	07/15/2015	09:06:11	0.042
16	07/15/2015	09:21:11	0.046
17	07/15/2015	09:36:11	0.035
18	07/15/2015	09:51:11	0.038
19	07/15/2015	10:06:11	0.067
20	07/15/2015	10:21:11	0.038
21	07/15/2015	10:36:11	0.033
22	07/15/2015	10:51:11	0.056
23	07/15/2015	11:06:11	0.029
24	07/15/2015	11:21:11	0.026
25	07/15/2015	11:36:11	0.027
26	07/15/2015	11:51:11	0.025
27	07/15/2015	12:06:11	0.025
28	07/15/2015	12:21:11	0.027
29	07/15/2015	12:36:11	0.029
30	07/15/2015	12:51:11	0.043
31	07/15/2015	13:06:11	0.027
32	07/15/2015	13:21:11	0.026
33	07/15/2015	13:36:11	0.025