

May 12, 2015 CN: 15279

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

15 MAY 12 P3:03

PROJECT: EXIDE TECHNOLOGIES FACILITY ID NO. 124868,

**ORDER OF ABATEMENT CASE NO. 3151-32** 

**RE:** WEEKLY STATUS REPORT # 33 (4/23/15 – 4/29/15)

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 April 23, 2015 through April 29, 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) currently under way or completed 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 43	West Yard Sump Piping	None Required
3c	Replacement of Blast Furnace Partial Enclosure	Total Enclosure Building Under Negative Pressure
5b	Blast Furnace Activities	Total Enclosure Building Under Negative Pressure
3a	Blast Furnace Tray Type Wet Scrubbing System Installation	Total Enclosure Building Under Negative Pressure
3g	Reverb Furnace Feed Modification	Total Enclosure Building Under Negative Pressure
3i	Installation of Rotary Dryer Regenerative Thermal Oxidizer	Total Enclosure Building Under Negative Pressure
EX 73	Stormwater Repair – 3 Manholes	Temporary Enclosure Under Negative Pressure

TASK ID	Major Work Item	Mitigation Measure(s)
EX 84	Repurposing of North Reverb Baghouse	Total Enclosure Building Under Negative Pressure
EX 86 / 3k	Installation of Blast RTO	Total Enclosure Building Under Negative Pressure
EX 88	Reverb Feed Room/ Corridor Floors	Total Enclosure Building Under Negative Pressure
EX 33	Building Negative Pressure Monitoring Upgrade	Use of Self Tapping Screws, Pre-Cleaning of Area
3b	Hard Lead System Ventilation  Modification	Total Enclosure Building Under Negative Pressure
3f	Blast Furnace Slag Tap Ventilation Hood Modification	Total Enclosure Building Under Negative Pressure
EX83 / 4	RCRA RFI Soil Sampling	Temporary Enclosure Under Negative Pressure*
EX 92	Removal and Shipment of Reverb Feed	Total Enclosure Building Under Negative Pressure*
EX 94	2 <sup>nd</sup> Round Feed Room Soil Sampling	Total Enclosure Building Under Negative Pressure*
EX 95	Replace Man Door at Corridor on Total Enclosure Building	Temporary Enclosure 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.

#### **Dust Removal**

National Response Corporation (NRC) resumed dust removal activities in the Reverb Furnace Feed Room on Monday, April 27, 2015. The Reverb Furnace Room is located within the Total Enclosure Building which is maintained under negative pressure and continuously vented to operational air pollution control equipment during all dust control activities. Activities included vacuuming the floor in the upper feed room where the reverb feed piles were previously stored. On Tuesday, April 28, 2015, vacuum piping connecting the vacuum truck to the HEPA filtration unit began leaking. NRC changed the pre-filters on the vacuum truck in an attempt to remedy the problem, but dust was still visibly leaking from the piping when vacuuming was resumed after the pre-filter change. The vacuum activities were immediately suspended until appropriate repairs could be made. Repair activities to the vacuum truck will continue into the next reporting period.

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 PVC piping installed during mobilization.

#### 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

No work occurred on the West Yard Sump Piping during this reporting period.

#### Blast Furnace Activities and Replacement of Blast Furnace Partial Enclosure

No work occurred on the Blast Furnace during this reporting period.

#### Blast Furnace Tray Type Wet Scrubbing System

No work occurred on the blast furnace tray type wet scrubbing system during this reporting period.

#### Reverb Furnace Feed Modification

No work occurred on the reverb furnace feed modification during this reporting period.

#### <u>Installation of the Rotary Dryer Regenerative Thermal Oxidizer (RTO)</u>

No work occurred on the rotary dryer RTO during this reporting period.

#### 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.

On Monday, April 27, 2015, ICS was onsite and working within the temporary enclosure to evaluate repair alternatives. No excavation or hot work was performed, but due to the proximity to the northeast fence line high volume sampler Tetra Tech personnel set up a downwind Dust Trak Monitor between the temporary enclosure and the sampler to monitor for fugitive dust.

#### Repurposing of North Reverb Furnace Bag House

No work relating to the repurposing of the North Reverb Furnace Bag House was performed during this period.

#### Installation of Blast Furnace RTO

Equipment installation has been suspended by Exide.

#### Reverb Feed Room/Corridor Floors

Advanced Construction continued maintenance of the reverb feed stockpiles until Wednesday, April 29, 2015, when all of the reverb feed had been removed from the total enclosure building.

Tetra Tech personnel were onsite to observe operations. Verification activities included:

 Verification that the Total Enclosure Building was maintained under negative pressure and vented to operational air pollution control equipment during all observed activities.

#### Building Negative Pressure Monitoring Upgrade

Exide continued installation activities on April 23, 2015. Activities included only system testing to confirm that debugging programming and wireless communication modifications are complete. Exide is currently obtaining and reviewing quotes from contractors to add remote monitoring telemetry to the CP2 control room. No mounting of monitoring sensors was performed during this period. The negative pressure monitoring upgrades will continue into the next reporting period.

#### Hard Lead System Ventilation Modification

No work was performed on the Hard Lead System Ventilation Modification during this reporting period.

#### Blast Furnace Slag Tap Ventilation Hood Modification

No work was performed on the Blast Furnace Slag Tap Ventilation Hood Modification during this reporting period.

#### RCRA RFI Soil Sampling

Advanced Geo and their subcontractors Cascade Drilling, and Avocet continued the RCRA RFI Soil Sampling on Thursday, April 23, 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.

#### Removal and Shipping of Reverb Feed

Exide continued the removal and shipment of Reverb Feed on Thursday, April 23, 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 41 "end dump" trailers passed inspection, were loaded with reverb feed, and shipped to Exide's Munsee, Indiana facility during this reporting period. Removal and shipment of feed was completed on Wednesday, April 29, 2015.

#### 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 Reverb 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 reverb feed including: the pre-loading inspection, installation of 6-mil poly lining, loading of reverb feed, sealing of the burrito wrap, placement of the tarp on the trailer, truck and trailer decontamination, and wheel wash.
- Visual observation witnessed 13 shipments on April 23, 2015, 11 shipments on April 24, 2015, 6 shipments on April 27, 2015, 9 shipments on April 28, 2015, and 2 shipments on April 29, 2015.

#### Soil Sampling – 2<sup>nd</sup> Round Feed Room Enclosure

Advanced Geoscience continued supplemental reverb feed room subsurface soil sampling as required by DTSC. Currently the activities are occurring outside of the total enclosure building and are being observed with the RCRA RFI Soil Sampling. This work will continue in the next reporting period.

#### Replace Man Door at Corridor of Total Enclosure Building

Castlerock began construction of a temporary enclosure on the outside of the man door at the corridor on the Total Enclosure Building on Wednesday, April 29, 2015. Replacement of the door within the enclosure will be completed during the next reporting period.

#### Repair RMPS Scrubber Demister

Advanced Construction mobilized a crane to the site to place a cap on the scrubber stack on the Total Enclosure Building on Tuesday, April 28, 2015. Tetra Tech personnel were onsite to observe and monitor the capping of the scrubber stack. Dust Trak monitors were set up in the vicinity of the downwind fence line samplers to monitor for fugitive dust during the stack capping activities. Once the stack was capped, repair activities commenced within the Total Enclosure Building.

#### Verification activities included:

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

#### Repair Hard Lead Baghouse Fan

Advanced Construction mobilized a crane to the site to place a cap on the hard lead stack on the Total Enclosure Building on Wednesday, April 29, 2015. Tetra Tech personnel were onsite to observe and monitor the capping of the hard lead stack. Dust Trak monitors were set up in the vicinity of the downwind fence line samplers to monitor for fugitive dust during the stack capping activities. Once the stack was capped repair activities commenced within the total enclosure building.

#### Verification activities included:

- Dust Trak monitoring at the onsite mid and onsite north high volume sampler locations. Review of Dust Trak data did not indicate that work associated with capping the stack was generating fugitive dust emissions when placing the cap on the stack.
- Confirmation that negative pressure was maintained by checking the gauge on the Total Enclosure Building.
- Visual observation of placement 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 <a href="Mitigation Plan for Construction of Risk Reducing Measures">Mitigation Plan for Construction of Risk Reducing Measures</a>, <a href="RCRA RFI Sampling">RCRA RFI Sampling</a>, 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		

#### WORKER SAFETY CONCERNS:

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

o 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
West Yard Sump Piping	Ongoing - on hold
Replacement of Blast Furnace Partial Enclosure	Ongoing – on hold
Blast Furnace Activities	Ongoing – on hold
Blast Furnace Tray Type Wet Scrubbing System Installation	Ongoing – on hold
Reverb Furnace Feed Modification	Ongoing – on hold
Installation of Rotary Dryer Regenerative Thermal Oxidizer	Ongoing – on hold
Storm Water Repair – 3 Manholes	Ongoing – on hold
Repurposing of North Reverb Baghouse	Ongoing – on hold
Installation of Blast RTO	Ongoing – on hold
Reverb Feed Room/Corridor Floors	Ongoing
Building Negative Pressure Monitoring Upgrade	Ongoing
Hard Lead System Ventilation Hood Modification	Ongoing – on hold
Blast Furnace Slag Tap Ventilation Hood Modification	Ongoing – on hold
RCRA RFI Soil Sampling	Ongoing
Removal and Shipment of Reverb Feed	Completed
2 <sup>nd</sup> Round Feed Room Soil Sampling	Ongoing
Replace Man Door at Corridor of Total Enclosure Building	Started
Repair RMPS Scrubber Demister	Started
Repair Hard Lead Baghouse Fan	Started

#### WORK SCHEDULED DURING THE UPCOMING PERIOD:

The following activities are anticipated for the upcoming weeks:

Week	Anticipated Activities
Apr. 30 – May 6	Dust Removal Continues
	West Yard Sump Piping On Hold
	Replacement of Blast Furnace Partial Enclosure On Hold
	Blast Furnace Activities On Hold
	Blast Furnace Tray Type Wet Scrubbing     System Installation On Hold
	Reverb Furnace Feed Modification On Hold
	<ul> <li>Installation of Rotary Dryer Regenerative Thermal Oxidizer On Hold</li> </ul>
	Storm Water Repair 3 Manholes On Hold
	<ul> <li>Repurposing of North Reverb Baghouse On Hold</li> </ul>
	Installation of Blast RTO On Hold
	<ul> <li>Building Negative Pressure Upgrade Continues</li> </ul>
	Hard Lead System Ventilation Modification On Hold
	<ul> <li>Blast Furnace Slag Tap Ventilation Hood Modification On Hold</li> </ul>
	RCRA RFI Soil Sampling Continues
	<ul> <li>2<sup>nd</sup> Round of Feed Room Floor Sampling Continues</li> </ul>
	<ul> <li>Replace Man Door at Corridor on Total Enclosure Building Completes</li> </ul>
	<ul> <li>Repair RMPS Scrubber Demister Continues</li> </ul>
	<ul> <li>Repair Hard Lead Baghouse Fan Continues</li> </ul>
	<ul> <li>Removal and Shipment of Blast Feed Material Begins</li> </ul>

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Week	Anticipated Activities
May 7 - May 13	<ul> <li>Dust Removal Continues</li> </ul>
	<ul> <li>West Yard Sump Piping On Hold</li> </ul>
	<ul> <li>Replacement of Blast Furnace Partial Enclosure On-Hold</li> </ul>
	<ul> <li>Blast Furnace Activities On-Hold</li> </ul>
	<ul> <li>Blast Furnace Tray Type Wet Scrubbing System Installation On Hold</li> </ul>
	Reverb Furnace Feed Modification On-Hold
	<ul> <li>Installation of Rotary Dryer Regenerative Thermal Oxidizer On-Hold</li> </ul>
	<ul> <li>Storm Water Repair 3 Manholes On Hold</li> </ul>
	<ul> <li>Repurposing of North Reverb Baghouse On-Hold</li> </ul>
	<ul> <li>Installation of Blast RTO On-Hold</li> </ul>
	<ul> <li>Building Negative Pressure Upgrade Completes</li> </ul>
	<ul> <li>Hard Lead System Ventilation Modification On-Hold</li> </ul>
	<ul> <li>Blast Furnace Slag Tap Ventilation Hood Modification On-Hold</li> </ul>
	<ul> <li>RCRA RFI Soil Sampling Continues</li> </ul>
	<ul> <li>Removal and Shipment of Reverb Feed Continues</li> </ul>
	<ul> <li>2<sup>nd</sup> Round of Feed Room Floor Sampling Continues</li> </ul>
	<ul> <li>Repair RMPS Scrubber Demister Continues</li> </ul>
	<ul> <li>Repair Hard Lead Baghouse Fan Continues</li> </ul>
	<ul> <li>Removal and Shipment of Blast Feed Continues</li> </ul>

#### **KEY MILESTONES:**

The following key milestones were achieved during this reporting period:

O	Removal and Shipment of Reverb Feed:	COMLETED
O	Replace Man Door at Corridor of Total Enclosure Building:	BEGAN
O	Repair RMPS Scrubber Demister:	BEGAN
O	Repair Hard Lead Baghouse Fan:	BEGAN

#### 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 April 23, 2015 through April 29, 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



# Project Schedule Week of 4/23/15 -5/13/15

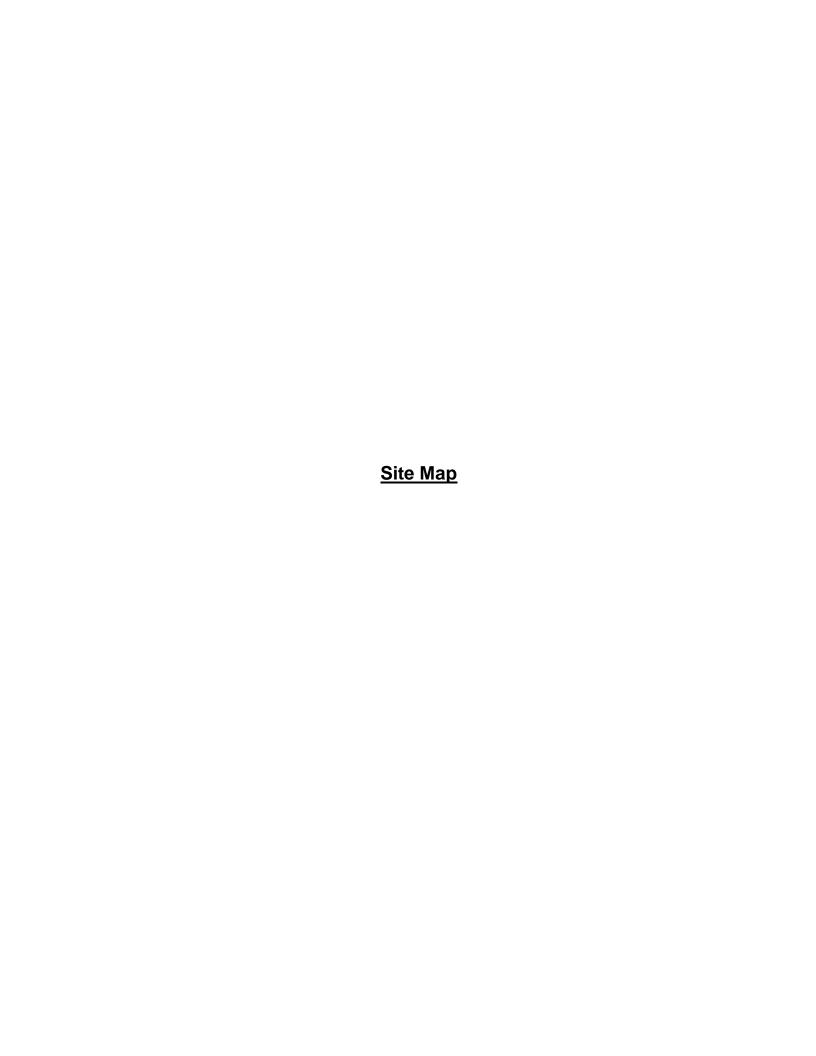
Rev: 4/30/2015

TECHN	OLOGIES Recycling Division	, Vernon, CA					2	04/24/15	05/01/15	05/08/15
Mitigation Plan Risks	Task Name	Plant Location	Duration	Start Date	Finish Date	%	23 2	4 25 26 27 26 29 30	01 02 03 04 05 06 0	7 08 03 10 11 12 13
Ex43	West Yard Sump Piping	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	72%				
Ex76	Various Work Methods in Total Enclosure	Total Enclosure	221 days	11/21/14	6/30/15	72%				
Ен33	Building Negative Pressure Monitoring Upgrade	General	158 days	12/1/14	5/8/15	95%				
5b*	Blast Furnace Activities	Blast Furnace	165 days	12/16/14	5/30/15	50%				
4	RCRA RFI Soil Sampling	General	101 days	2/18/15	5/30/15	35%				
Ex83	RFI Soil Sampling Supplemental	General	101 days	2/18/15	5/30/15	35%				
За"	Blast Furnace Tray Type Wet Scrubbing System	BH Building	165 days	12/16/14	5/30/15	25%				
3c*	Replacement of Blast Furnace Partial Enclosure	Blast Furnace	165 days	12/16/14	5/30/15	85%				
3i*	Installation of Rotary Dryer Regenerative Thermal Oxidizer	BH Building	165 days	12/16/14	5/30/15	90%				
Ex86 / 3k*	Installation of Blast RTO	Smelting	159 days	12/22/14	5/30/15	45%				
3Ь*	Hard Lead System Ventilation Modification	BH Building	138 days	1/12/15	5/30/15	10%				
3g*	Reverb Furnace Feed Modification	Reverb	131 days	1/19/15	5/30/15	5%				
3f*	Blast Furnace Slag Tap Ventilation Hood Modification	Blast Furnace	138 days	1/12/15	5/30/15	2%				
Ex92	Removal & Shipment of Reverb Feed	Reverb Feed Rooms	56 days	3/4/15	4/29/15	100%				
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	75%				
Ex96	Repair RMPS Scrubber Demister	RMPS	13 days	4/28/15	5/11/15	15%				
Ex97	Removal & Shipment of Blast Feed	Blast Furnace Feed Room	18 days	5/4/15	5/22/15	0%				
Ex98	Repair Hard Lead Baghouse Fan	BH Building	7 days	4/29/15	5/6/15	15%				

<sup>\*</sup> Projects on "Pause" pending agreement with DTSC on Reverb Feed floor replacement.

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\_043015.pptx





### Week 4/23/15 - 5/13/15

Rev: 4/30/2015

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

Ex92. Removal & Shipment of Reverb Feed

**Ex94**. 2<sup>nd</sup> Round Feed Room Soil Sampling

**Ex95.** Replace Man Door on Corridor

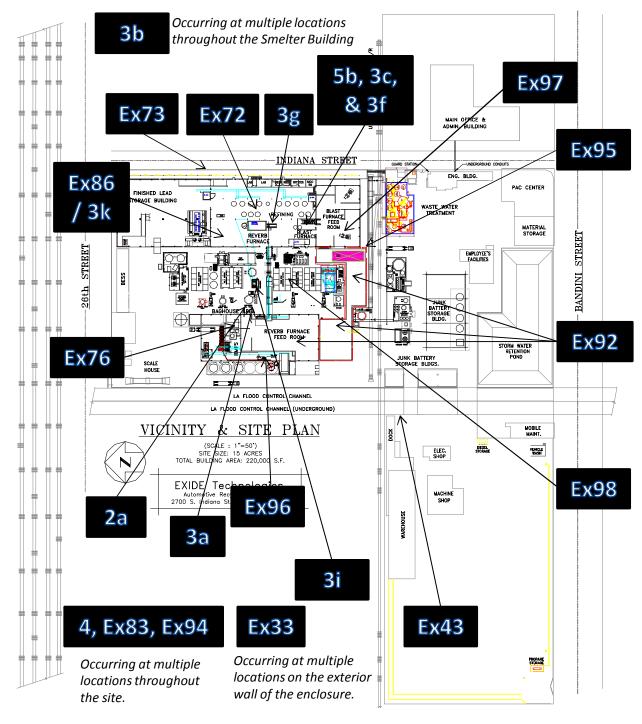
**Ex96**. Repair RMPS Demister

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.

Mitigation Schedule and Map\_043015.pptx



## Monitoring Results / Reports (Thursday, April 23, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX83/EX94 RCRA RFI Soil Sampling (TB-26S)	8530132205 8530113211	Upwind
EX83/EX94 RCRA RFI Soil Sampling (TB-26S)	8533103106 8530092511	Downwind 1
EX83/EX94 RCRA RFI Soil Sampling (TB-26S)	8530100906 8530110315	Downwind 2
EX-92 Removal and Shipment of Reverb Feed	8530092511	ROLL-UP DOOR (West)
EX-92 Removal and Shipment of Reverb Feed	8530113011	ROLL-UP DOOR (East)



Exide Technologies 2700 Indiana Street Vernon, CA 90058

4/23/2015 Work Area EX-92 & EX-83

## **Test 093**

Instrument		Data Properties		
Model	DustTrak II	Start Date	04/23/2015	
Instrument S/N	8530100906	Start Time	06:48:43	
		Stop Date	04/23/2015	
		Stop Time	11:48:43	
		Total Time	0:05:00:00	
		Logging Interval	900 seconds	

	Test Data					
Data Point	Date	Time	AEROSOL mg/m^3			
1	04/23/2015	07:03:43	0.021			
2	04/23/2015	07:18:43	0.021			
3	04/23/2015	07:33:43	0.022			
4	04/23/2015	07:48:43	0.022			
5	04/23/2015	08:03:43	0.023			
6	04/23/2015	08:18:43	0.023			
7	04/23/2015	08:33:43	0.021			
8	04/23/2015	08:48:43	0.024			
9	04/23/2015	09:03:43	0.023			
10	04/23/2015	09:18:43	0.022			
11	04/23/2015	09:33:43	0.021			
12	04/23/2015	09:48:43	0.022			
13	04/23/2015	10:03:43	0.021			
14	04/23/2015	10:18:43	0.022			
15	04/23/2015	10:33:43	0.023			
16	04/23/2015	10:48:43	0.029			
17	04/23/2015	11:03:43	0.028			
18	04/23/2015	11:18:43	0.026			
19	04/23/2015	11:33:43	0.023			
20	04/23/2015	11:48:43	0.020			

### **Test 056**

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/23/2015
Instrument S/N	8530132205	Start Time	06:41:29
		Stop Date	04/23/2015
		Stop Time	11:56:29
		Total Time	0:05:15:00
		Logging Interval	900 seconds

	Test Data					
Data Point	Date	Time	AEROSOL mg/m^3			
1	04/23/2015	06:56:29	0.036			
2	04/23/2015	07:11:29	0.035			
3	04/23/2015	07:26:29	0.040			
4	04/23/2015	07:41:29	0.038			
5	04/23/2015	07:56:29	0.042			
6	04/23/2015	08:11:29	0.040			
7	04/23/2015	08:26:29	0.040			
8	04/23/2015	08:41:29	0.038			
9	04/23/2015	08:56:29	0.036			
10	04/23/2015	09:11:29	0.034			
11	04/23/2015	09:26:29	0.033			
12	04/23/2015	09:41:29	0.034			
13	04/23/2015	09:56:29	0.033			
14	04/23/2015	10:11:29	0.032			
15	04/23/2015	10:26:29	0.037			
16	04/23/2015	10:41:29	0.032			
17	04/23/2015	10:56:29	0.032			
18	04/23/2015	11:11:29	0.033			
19	04/23/2015	11:26:29	0.030			
20	04/23/2015	11:41:29	0.026			
21	04/23/2015	11:56:29	0.023			

## **Test 019**

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	04/23/2015
Instrument S/N	8533103106	Start Time	06:45:56
		Stop Date	04/23/2015
		Stop Time	11:45:56
		Total Time	0:05:00:00
		Logging Interval	900 seconds

	Test Data						
Data Point	Date	Time	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3
1	04/23/2015	07:00:56	0.021	0.024	0.025	0.026	0.026
2	04/23/2015	07:15:56	0.029	0.032	0.033	0.034	0.034
3	04/23/2015	07:30:56	0.037	0.040	0.041	0.042	0.042
4	04/23/2015	07:45:56	0.033	0.036	0.037	0.037	0.037
5	04/23/2015	08:00:56	0.037	0.039	0.040	0.041	0.041
6	04/23/2015	08:15:56	0.039	0.042	0.042	0.043	0.043
7	04/23/2015	08:30:56	0.030	0.032	0.033	0.034	0.034
8	04/23/2015	08:45:56	0.029	0.031	0.032	0.033	0.033
9	04/23/2015	09:00:56	0.028	0.031	0.031	0.033	0.033
10	04/23/2015	09:15:56	0.022	0.024	0.025	0.026	0.026
11	04/23/2015	09:30:56	0.021	0.022	0.023	0.024	0.024
12	04/23/2015	09:45:56	0.021	0.023	0.023	0.024	0.024
13	04/23/2015	10:00:56	0.020	0.021	0.022	0.023	0.023
14	04/23/2015	10:15:56	0.023	0.026	0.026	0.028	0.028
15	04/23/2015	10:30:56	0.023	0.025	0.026	0.027	0.027
16	04/23/2015	10:45:56	0.020	0.021	0.022	0.023	0.023
17	04/23/2015	11:00:56	0.019	0.021	0.021	0.022	0.022
18	04/23/2015	11:15:56	0.022	0.024	0.024	0.025	0.025
19	04/23/2015	11:30:56	0.022	0.024	0.025	0.027	0.027
20	04/23/2015	11:45:56	0.014	0.015	0.016	0.016	0.016

## **Test 058**

Instrument		Data Properties	
Model	DustTrak II	Start Date 04/28/2015	
Instrument S/N	8530132205	Start Time	10:27:14
		Stop Date	04/28/2015
		Stop Time	14:27:14
		Total Time	0:04:00:00
		Logging Interval	900 seconds

	Test Data					
Data Point	Date	Time	AEROSOL mg/m^3			
1	04/28/2015	10:42:14	0.021			
2	04/28/2015	10:57:14	0.026			
3	04/28/2015	11:12:14	0.044			
4	04/28/2015	11:27:14	0.016			
5	04/28/2015	11:42:14	0.015			
6	04/28/2015	11:57:14	0.021			
7	04/28/2015	12:12:14	0.015			
8	04/28/2015	12:27:14	0.023			
9	04/28/2015	12:42:14	0.017			
10	04/28/2015	12:57:14	0.016			
11	04/28/2015	13:12:14	0.012			
12	04/28/2015	13:27:14	0.029			
13	04/28/2015	13:42:14	0.033			
14	04/28/2015	13:57:14	0.035			
15	04/28/2015	14:12:14	0.039			
16	04/28/2015	14:27:14	0.045			

### **Test 022**

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/23/2015
Instrument S/N	8530092511	Start Time	11:55:39
		Stop Date	04/23/2015
		Stop Time	13:55:39
		Total Time	0:02:00:00
		Logging Interval	900 seconds

	Test Data					
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>			
1	04/23/2015	12:10:39	0.007			
2	04/23/2015	12:25:39	0.007			
3	04/23/2015	12:40:39	0.006			
4	04/23/2015	12:55:39	0.007			
5	04/23/2015	13:10:39	0.007			
6	04/23/2015	13:25:39	0.008			
7	04/23/2015	13:40:39	0.008			
8	04/23/2015	13:55:39	0.007			

## **Test 016**

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/23/2015
Instrument S/N	8530113211	Start Time	12:00:59
		Stop Date	04/23/2015
		Stop Time	13:45:59
		Total Time	0:01:45:00
		Logging Interval	900 seconds

	Test Data					
Data Point	Date	Time	AEROSOL mg/m^3			
1	04/23/2015	12:15:59	0.020			
2	04/23/2015	12:30:59	0.022			
3	04/23/2015	12:45:59	0.022			
4	04/23/2015	13:00:59	0.024			
5	04/23/2015	13:15:59	0.028			
6	04/23/2015	13:30:59	0.025			
7	04/23/2015	13:45:59	0.026			

## **Test 081**

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/23/2015
Instrument S/N	8530110315	Start Time	11:58:32
		Stop Date	04/23/2015
		Stop Time	13:58:32
		Total Time	0:02:00:00
		Logging Interval	900 seconds

	Test Data					
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>			
1	04/23/2015	12:13:32	0.027			
2	04/23/2015	12:28:32	0.026			
3	04/23/2015	12:43:32	0.026			
4	04/23/2015	12:58:32	0.029			
5	04/23/2015	13:13:32	0.030			
6	04/23/2015	13:28:32	0.029			
7	04/23/2015	13:43:32	0.029			
8	04/23/2015	13:58:32	0.026			

### **Test 021**

Instrument		Data Properties	
Model	DustTrak II	Start Date 04/23/2015	
Instrument S/N	8530092511	Start Time	05:10:17
		Stop Date	04/23/2015
		Stop Time	10:40:17
		Total Time	0:05:30:00
		Logging Interval	900 seconds

	Test Data				
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>		
1	04/23/2015	05:25:17	0.012		
2	04/23/2015	05:40:17	0.013		
3	04/23/2015	05:55:17	0.014		
4	04/23/2015	06:10:17	0.017		
5	04/23/2015	06:25:17	0.016		
6	04/23/2015	06:40:17	0.015		
7	04/23/2015	06:55:17	0.016		
8	04/23/2015	07:10:17	0.014		
9	04/23/2015	07:25:17	0.013		
10	04/23/2015	07:40:17	0.015		
11	04/23/2015	07:55:17	0.015		
12	04/23/2015	08:10:17	0.015		
13	04/23/2015	08:25:17	0.015		
14	04/23/2015	08:40:17	0.014		
15	04/23/2015	08:55:17	0.015		
16	04/23/2015	09:10:17	0.013		
17	04/23/2015	09:25:17	0.012		
18	04/23/2015	09:40:17	0.012		
19	04/23/2015	09:55:17	0.012		
20	04/23/2015	10:10:17	0.012		
21	04/23/2015	10:25:17	0.012		
22	04/23/2015	10:40:17	0.012		

## **Test 102**

Instrument		Data Properties	
Model	DustTrak II	Start Date 04/23/2015	
Instrument S/N	8530113011	Start Time	05:12:46
		Stop Date	04/23/2015
		Stop Time	10:42:46
		Total Time	0:05:30:00
		Logging Interval	900 seconds

	Test Data				
Data Point	Date	Time	AEROSOL mg/m^3		
1	04/23/2015	05:27:46	0.026		
2	04/23/2015	05:42:46	0.030		
3	04/23/2015	05:57:46	0.031		
4	04/23/2015	06:12:46	0.034		
5	04/23/2015	06:27:46	0.033		
6	04/23/2015	06:42:46	0.031		
7	04/23/2015	06:57:46	0.030		
8	04/23/2015	07:12:46	0.028		
9	04/23/2015	07:27:46	0.028		
10	04/23/2015	07:42:46	0.031		
11	04/23/2015	07:57:46	0.032		
12	04/23/2015	08:12:46	0.032		
13	04/23/2015	08:27:46	0.030		
14	04/23/2015	08:42:46	0.031		
15	04/23/2015	08:57:46	0.031		
16	04/23/2015	09:12:46	0.027		
17	04/23/2015	09:27:46	0.027		
18	04/23/2015	09:42:46	0.028		
19	04/23/2015	09:57:46	0.029		
20	04/23/2015	10:12:46	0.028		
21	04/23/2015	10:27:46	0.029		
22	04/23/2015	10:42:46	0.028		

## Monitoring Results / Reports (Friday, April 24, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX83/EX94 RCRA RFI Soil Sampling (TB-26S)	8530113211	Upwind
EX83/EX94 RCRA RFI Soil Sampling (TB-26S)	8530113011	Downwind 1
EX83/EX94 RCRA RFI Soil Sampling (TB-26S)	8530132205	Downwind 2
EX-92 Removal and Shipment of Reverb Feed	8530142303	ROLL-UP DOOR (West)
EX-92 Removal and Shipment of Reverb Feed	8533132902	ROLL-UP DOOR (East)



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## **Test 057**

Instrument		Data Properties	
Model	DustTrak II	Start Date 04/24/2015	
Instrument S/N	8530132205	Start Time	09:20:42
		Stop Date	04/24/2015
		Stop Time	15:05:42
		Total Time	0:05:45:00
		Logging Interval	900 seconds

	Test Data				
Data Point	Date	Time	AEROSOL mg/m^3		
1	04/24/2015	09:35:42	0.027		
2	04/24/2015	09:50:42	0.026		
3	04/24/2015	10:05:42	0.025		
4	04/24/2015	10:20:42	0.024		
5	04/24/2015	10:35:42	0.028		
6	04/24/2015	10:50:42	0.031		
7	04/24/2015	11:05:42	0.032		
8	04/24/2015	11:20:42	0.031		
9	04/24/2015	11:35:42	0.034		
10	04/24/2015	11:50:42	0.029		
11	04/24/2015	12:05:42	0.058		
12	04/24/2015	12:20:42	0.044		
13	04/24/2015	12:35:42	0.041		
14	04/24/2015	12:50:42	0.051		
15	04/24/2015	13:05:42	0.032		
16	04/24/2015	13:20:42	0.030		
17	04/24/2015	13:35:42	0.025		
18	04/24/2015	13:50:42	0.032		
19	04/24/2015	14:05:42	0.026		
20	04/24/2015	14:20:42	0.027		
21	04/24/2015	14:35:42	0.027		
22	04/24/2015	14:50:42	0.033		
23	04/24/2015	15:05:42	0.034		

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## **Test 017**

Instrument		Data Properties	
Model	DustTrak II	Start Date 04/24/2015	
Instrument S/N	8530113211	Start Time	09:09:40
		Stop Date	04/24/2015
		Stop Time	14:54:40
		Total Time	0:05:45:00
		Logging Interval	900 seconds

	Test Data				
Data Point	Date	Time	AEROSOL mg/m^3		
1	04/24/2015	09:24:40	0.042		
2	04/24/2015	09:39:40	0.036		
3	04/24/2015	09:54:40	0.033		
4	04/24/2015	10:09:40	0.033		
5	04/24/2015	10:24:40	0.031		
6	04/24/2015	10:39:40	0.035		
7	04/24/2015	10:54:40	0.037		
8	04/24/2015	11:09:40	0.037		
9	04/24/2015	11:24:40	0.033		
10	04/24/2015	11:39:40	0.030		
11	04/24/2015	11:54:40	0.030		
12	04/24/2015	12:09:40	0.032		
13	04/24/2015	12:24:40	0.033		
14	04/24/2015	12:39:40	0.028		
15	04/24/2015	12:54:40	0.027		
16	04/24/2015	13:09:40	0.032		
17	04/24/2015	13:24:40	0.033		
18	04/24/2015	13:39:40	0.031		
19	04/24/2015	13:54:40	0.035		
20	04/24/2015	14:09:40	0.032		
21	04/24/2015	14:24:40	0.033		
22	04/24/2015	14:39:40	0.035		
23	04/24/2015	14:54:40	0.044		

## **Test 103**

Instrument		Data Properties	
Model	DustTrak II	Start Date 04/24/2015	
Instrument S/N	8530113011	Start Time	09:18:35
		Stop Date	04/24/2015
		Stop Time	15:03:35
		Total Time	0:05:45:00
		Logging Interval	900 seconds

	Test Data				
Data Point	Date	Time	AEROSOL mg/m^3		
1	04/24/2015	09:33:35	0.027		
2	04/24/2015	09:48:35	0.030		
3	04/24/2015	10:03:35	0.029		
4	04/24/2015	10:18:35	0.023		
5	04/24/2015	10:33:35	0.022		
6	04/24/2015	10:48:35	0.028		
7	04/24/2015	11:03:35	0.028		
8	04/24/2015	11:18:35	0.027		
9	04/24/2015	11:33:35	0.028		
10	04/24/2015	11:48:35	0.023		
11	04/24/2015	12:03:35	0.022		
12	04/24/2015	12:18:35	0.026		
13	04/24/2015	12:33:35	0.023		
14	04/24/2015	12:48:35	0.018		
15	04/24/2015	13:03:35	0.023		
16	04/24/2015	13:18:35	0.027		
17	04/24/2015	13:33:35	0.025		
18	04/24/2015	13:48:35	0.025		
19	04/24/2015	14:03:35	0.029		
20	04/24/2015	14:18:35	0.030		
21	04/24/2015	14:33:35	0.028		
22	04/24/2015	14:48:35	0.034		
23	04/24/2015	15:03:35	0.029		

## **Test 091**

Instrument		Data Properties	
Model	DustTrak DRX	Start Date 04/24/2015	
Instrument S/N	8533132902	Start Time	05:06:15
		Stop Date	04/24/2015
		Stop Time	14:51:15
		Total Time	0:09:45:00
		Logging Interval	900 seconds

	Test Data						
Data Point	Date	Time	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3
1	04/24/2015	05:21:15	0.015	0.017	0.017	0.018	0.018
2	04/24/2015	05:36:15	0.015	0.016	0.017	0.017	0.017
3	04/24/2015	05:51:15	0.015	0.016	0.016	0.016	0.016
4	04/24/2015	06:06:15	0.020	0.021	0.022	0.032	0.033
5	04/24/2015	06:21:15	0.018	0.020	0.020	0.025	0.026
6	04/24/2015	06:36:15	0.021	0.023	0.024	0.025	0.026
7	04/24/2015	06:51:15	0.019	0.021	0.021	0.022	0.022
8	04/24/2015	07:06:15	0.017	0.018	0.019	0.019	0.019
9	04/24/2015	07:21:15	0.019	0.021	0.021	0.022	0.022
10	04/24/2015	07:36:15	0.024	0.026	0.027	0.027	0.027
11	04/24/2015	07:51:15	0.023	0.024	0.025	0.026	0.026
12	04/24/2015	08:06:15	0.024	0.026	0.027	0.028	0.028
13	04/24/2015	08:21:15	0.023	0.025	0.025	0.026	0.026
14	04/24/2015	08:36:15	0.023	0.024	0.025	0.025	0.025
15	04/24/2015	08:51:15	0.022	0.023	0.024	0.024	0.024
16	04/24/2015	09:06:15	0.023	0.025	0.025	0.026	0.026
17	04/24/2015	09:21:15	0.021	0.022	0.023	0.024	0.024
18	04/24/2015	09:36:15	0.020	0.021	0.021	0.022	0.022
19	04/24/2015	09:51:15	0.019	0.020	0.021	0.022	0.022
20	04/24/2015	10:06:15	0.020	0.021	0.022	0.023	0.023
21	04/24/2015	10:21:15	0.019	0.020	0.021	0.021	0.021
22	04/24/2015	10:36:15	0.021	0.023	0.024	0.025	0.025
23	04/24/2015	10:51:15	0.021	0.023	0.023	0.024	0.024
24	04/24/2015	11:06:15	0.023	0.025	0.025	0.026	0.026
25	04/24/2015	11:21:15	0.022	0.024	0.025	0.026	0.026
26	04/24/2015	11:36:15	0.019	0.021	0.022	0.023	0.023
27	04/24/2015	11:51:15	0.018	0.020	0.020	0.021	0.021
28	04/24/2015	12:06:15	0.020	0.022	0.022	0.023	0.023
29	04/24/2015	12:21:15	0.020	0.021	0.022	0.022	0.022
30	04/24/2015	12:36:15	0.018	0.019	0.020	0.020	0.020
31	04/24/2015	12:51:15	0.018	0.019	0.019	0.020	0.020
32	04/24/2015	13:06:15	0.019	0.020	0.020	0.021	0.021
33	04/24/2015	13:21:15	0.020	0.021	0.022	0.022	0.022
34	04/24/2015	13:36:15	0.019	0.021	0.021	0.022	0.022
35	04/24/2015	13:51:15	0.020	0.021	0.022	0.022	0.022

Test Data							
Data Point	Date	Time	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3
36	04/24/2015	14:06:15	0.019	0.021	0.021	0.022	0.022
37	04/24/2015	14:21:15	0.019	0.021	0.021	0.022	0.022
38	04/24/2015	14:36:15	0.021	0.023	0.023	0.024	0.024
39	04/24/2015	14:51:15	0.023	0.024	0.025	0.026	0.026

## **Test 088**

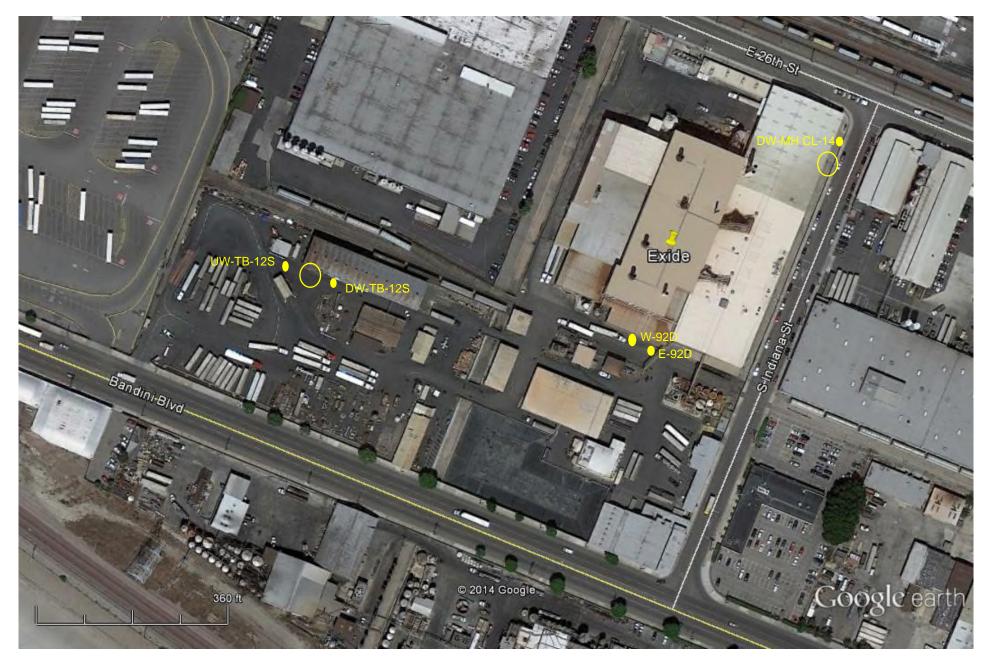
Instru	ment	Data Properties		
Model	DustTrak II	Start Date	04/24/2015	
Instrument S/N	8530142303	Start Time	05:08:17	
		Stop Date	04/24/2015	
		Stop Time	14:38:17	
		Total Time	0:09:30:00	
		Logging Interval	900 seconds	

Test Data					
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>		
1	04/24/2015	05:23:17	0.026		
2	04/24/2015	05:38:17	0.024		
3	04/24/2015	05:53:17	0.024		
4	04/24/2015	06:08:17	0.026		
5	04/24/2015	06:23:17	0.028		
6	04/24/2015	06:38:17	0.036		
7	04/24/2015	06:53:17	0.031		
8	04/24/2015	07:08:17	0.029		
9	04/24/2015	07:23:17	0.033		
10	04/24/2015	07:38:17	0.042		
11	04/24/2015	07:53:17	0.040		
12	04/24/2015	08:08:17	0.039		
13	04/24/2015	08:23:17	0.042		
14	04/24/2015	08:38:17	0.039		
15	04/24/2015	08:53:17	0.039		
16	04/24/2015	09:08:17	0.041		
17	04/24/2015	09:23:17	0.036		
18	04/24/2015	09:38:17	0.033		
19	04/24/2015	09:53:17	0.035		
20	04/24/2015	10:08:17	0.032		
21	04/24/2015	10:23:17	0.029		
22	04/24/2015	10:38:17	0.034		
23	04/24/2015	10:53:17	0.034		
24	04/24/2015	11:08:17	0.037		
25	04/24/2015	11:23:17	0.034		
26	04/24/2015	11:38:17	0.031		
27	04/24/2015	11:53:17	0.030		
28	04/24/2015	12:08:17	0.034		
29	04/24/2015	12:23:17	0.031		
30	04/24/2015	12:38:17	0.027		
31	04/24/2015	12:53:17	0.027		
32	04/24/2015	13:08:17	0.030		
33	04/24/2015	13:23:17	0.031		
34	04/24/2015	13:38:17	0.030		
35	04/24/2015	13:53:17	0.033		

Test Data					
Data Point	Date	Time	AEROSOL mg/m^3		
36	04/24/2015	14:08:17	0.030		
37	04/24/2015	14:23:17	0.032		
38	04/24/2015	14:38:17	0.035		

## Monitoring Results / Reports (Monday, April 27, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX83/EX94 RCRA RFI Soil Sampling (TB-12S)	8533132902	Upwind
EX83/EX94 RCRA RFI Soil Sampling (TB-12S)	8530142303	Downwind
EX73 Storm Water Manhole Repairs (CL-14)	8530100906	Downwind
EX-92 Removal and Shipment of Reverb Feed	8530092511	WEST ROLL-UP DOOR
EX-92 Removal and Shipment of Reverb Feed	8530113011	EAST ROLL-UP DOOR



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4/27/2015 Work Area EX-92, EX-83, & EX-73

## **Test 092**

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	04/27/2015
Instrument S/N	8533132902	Start Time	10:42:32
		Stop Date	04/27/2015
		Stop Time	15:12:32
		Total Time	0:04:30:00
		Logging Interval	900 seconds

	Test Data						
Data Point	Date	Time	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3
1	04/27/2015	10:57:32	0.012	0.014	0.015	0.018	0.018
2	04/27/2015	11:12:32	0.012	0.013	0.014	0.018	0.018
3	04/27/2015	11:27:32	0.011	0.012	0.013	0.015	0.015
4	04/27/2015	11:42:32	0.011	0.012	0.013	0.015	0.015
5	04/27/2015	11:57:32	0.012	0.013	0.014	0.018	0.018
6	04/27/2015	12:12:32	0.011	0.013	0.013	0.016	0.016
7	04/27/2015	12:27:32	0.013	0.015	0.015	0.018	0.018
8	04/27/2015	12:42:32	0.013	0.014	0.015	0.017	0.017
9	04/27/2015	12:57:32	0.013	0.014	0.015	0.017	0.017
10	04/27/2015	13:12:32	0.013	0.014	0.015	0.017	0.017
11	04/27/2015	13:27:32	0.011	0.013	0.013	0.015	0.015
12	04/27/2015	13:42:32	0.011	0.012	0.013	0.015	0.015
13	04/27/2015	13:57:32	0.011	0.012	0.012	0.014	0.014
14	04/27/2015	14:12:32	0.011	0.012	0.013	0.014	0.014
15	04/27/2015	14:27:32	0.010	0.011	0.011	0.013	0.013
16	04/27/2015	14:42:32	0.011	0.012	0.013	0.014	0.014
17	04/27/2015	14:57:32	0.011	0.012	0.012	0.014	0.014
18	04/27/2015	15:12:32	0.011	0.012	0.013	0.014	0.014

## **Test 089**

Instrument		Data Properties	
Model	DustTrak II	Start Date 04/27/2015	
Instrument S/N	8530142303	Start Time	10:35:25
		Stop Date 04/27/201	
		Stop Time	15:05:25
		Total Time	0:04:30:00
		Logging Interval	900 seconds

		Test Data	
Data Point	Date	Time	AEROSOL mg/m^3
1	04/27/2015	10:50:25	0.021
2	04/27/2015	11:05:25	0.016
3	04/27/2015	11:20:25	0.014
4	04/27/2015	11:35:25	0.013
5	04/27/2015	11:50:25	0.013
6	04/27/2015	12:05:25	0.013
7	04/27/2015	12:20:25	0.015
8	04/27/2015	12:35:25	0.015
9	04/27/2015	12:50:25	0.014
10	04/27/2015	13:05:25	0.016
11	04/27/2015	13:20:25	0.015
12	04/27/2015	13:35:25	0.012
13	04/27/2015	13:50:25	0.011
14	04/27/2015	14:05:25	0.012
15	04/27/2015	14:20:25	0.011
16	04/27/2015	14:35:25	0.011
17	04/27/2015	14:50:25	0.013
18	04/27/2015	15:05:25	0.012

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## **Test 104**

Instrument		Data Properties	
Model	DustTrak II	Start Date 04/27/2015	
Instrument S/N	8530113011	Start Time	05:28:15
		Stop Date 04/27/2015	
		Stop Time	15:43:15
		Total Time	0:10:15:00
		Logging Interval	900 seconds

	Test Data				
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>		
1	04/27/2015	05:43:15	0.032		
2	04/27/2015	05:58:15	0.037		
3	04/27/2015	06:13:15	0.031		
4	04/27/2015	06:28:15	0.029		
5	04/27/2015	06:43:15	0.030		
6	04/27/2015	06:58:15	0.031		
7	04/27/2015	07:13:15	0.030		
8	04/27/2015	07:28:15	0.027		
9	04/27/2015	07:43:15	0.028		
10	04/27/2015	07:58:15	0.030		
11	04/27/2015	08:13:15	0.032		
12	04/27/2015	08:28:15	0.036		
13	04/27/2015	08:43:15	0.047		
14	04/27/2015	08:58:15	0.040		
15	04/27/2015	09:13:15	0.036		
16	04/27/2015	09:28:15	0.027		
17	04/27/2015	09:43:15	0.023		
18	04/27/2015	09:58:15	0.019		
19	04/27/2015	10:13:15	0.020		
20	04/27/2015	10:28:15	0.019		
21	04/27/2015	10:43:15	0.020		
22	04/27/2015	10:58:15	0.019		
23	04/27/2015	11:13:15	0.019		
24	04/27/2015	11:28:15	0.019		
25	04/27/2015	11:43:15	0.019		
26	04/27/2015	11:58:15	0.020		
27	04/27/2015	12:13:15	0.020		
28	04/27/2015	12:28:15	0.021		
29	04/27/2015	12:43:15	0.022		
30	04/27/2015	12:58:15	0.022		
31	04/27/2015	13:13:15	0.022		
32	04/27/2015	13:28:15	0.020		
33	04/27/2015	13:43:15	0.019		
34	04/27/2015	13:58:15	0.018		
35	04/27/2015	14:13:15	0.019		

	Test Data				
Data Point	Date	Time	AEROSOL mg/m^3		
36	04/27/2015	14:28:15	0.019		
37	04/27/2015	14:43:15	0.019		
38	04/27/2015	14:58:15	0.019		
39	04/27/2015	15:13:15	0.018		
40	04/27/2015	15:28:15	0.018		
41	04/27/2015	15:43:15	0.018		

## **Test 023**

Instrument		Data Properties	
Model	DustTrak II	Start Date 04/27/2015	
Instrument S/N	8530092511	Start Time	05:27:13
		Stop Date 04/27/201	
		Stop Time	15:42:13
		Total Time	0:10:15:00
		Logging Interval	900 seconds

	Test Data				
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>		
1	04/27/2015	05:42:13	0.015		
2	04/27/2015	05:57:13	0.017		
3	04/27/2015	06:12:13	0.015		
4	04/27/2015	06:27:13	0.013		
5	04/27/2015	06:42:13	0.015		
6	04/27/2015	06:57:13	0.016		
7	04/27/2015	07:12:13	0.015		
8	04/27/2015	07:27:13	0.014		
9	04/27/2015	07:42:13	0.014		
10	04/27/2015	07:57:13	0.015		
11	04/27/2015	08:12:13	0.016		
12	04/27/2015	08:27:13	0.017		
13	04/27/2015	08:42:13	0.023		
14	04/27/2015	08:57:13	0.019		
15	04/27/2015	09:12:13	0.017		
16	04/27/2015	09:27:13	0.013		
17	04/27/2015	09:42:13	0.010		
18	04/27/2015	09:57:13	0.008		
19	04/27/2015	10:12:13	0.007		
20	04/27/2015	10:27:13	0.006		
21	04/27/2015	10:42:13	0.006		
22	04/27/2015	10:57:13	0.005		
23	04/27/2015	11:12:13	0.005		
24	04/27/2015	11:27:13	0.005		
25	04/27/2015	11:42:13	0.004		
26	04/27/2015	11:57:13	0.004		
27	04/27/2015	12:12:13	0.004		
28	04/27/2015	12:27:13	0.005		
29	04/27/2015	12:42:13	0.005		
30	04/27/2015	12:57:13	0.005		
31	04/27/2015	13:12:13	0.005		
32	04/27/2015	13:27:13	0.004		
33	04/27/2015	13:42:13	0.004		
34	04/27/2015	13:57:13	0.004		
35	04/27/2015	14:12:13	0.004		

	Test Data				
Data Point	Date	Time	AEROSOL mg/m^3		
36	04/27/2015	14:27:13	0.004		
37	04/27/2015	14:42:13	0.004		
38	04/27/2015	14:57:13	0.004		
39	04/27/2015	15:12:13	0.004		
40	04/27/2015	15:27:13	0.004		
41	04/27/2015	15:42:13	0.004		

## **Test 094**

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/27/2015
Instrument S/N	8530100906	Start Time	09:27:58
		Stop Date 04/27/201	
		Stop Time	15:12:58
		Total Time	0:05:45:00
		Logging Interval	900 seconds

	Test Data				
Data Point	Date	Time	AEROSOL mg/m^3		
1	04/27/2015	09:42:58	0.024		
2	04/27/2015	09:57:58	0.022		
3	04/27/2015	10:12:58	0.023		
4	04/27/2015	10:27:58	0.038		
5	04/27/2015	10:42:58	0.050		
6	04/27/2015	10:57:58	0.032		
7	04/27/2015	11:12:58	0.023		
8	04/27/2015	11:27:58	0.025		
9	04/27/2015	11:42:58	0.025		
10	04/27/2015	11:57:58	0.024		
11	04/27/2015	12:12:58	0.025		
12	04/27/2015	12:27:58	0.026		
13	04/27/2015	12:42:58	0.027		
14	04/27/2015	12:57:58	0.028		
15	04/27/2015	13:12:58	0.028		
16	04/27/2015	13:27:58	0.026		
17	04/27/2015	13:42:58	0.028		
18	04/27/2015	13:57:58	0.025		
19	04/27/2015	14:12:58	0.025		
20	04/27/2015	14:27:58	0.025		
21	04/27/2015	14:42:58	0.025		
22	04/27/2015	14:57:58	0.027		
23	04/27/2015	15:12:58	0.027		

# Monitoring Results / Reports (Tuesday, April 28, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX83/EX94 RCRA RFI Soil Sampling (TB-12S)	8530132205	Upwind
EX83/EX94 RCRA RFI Soil Sampling (TB-12S)	8533132902	Downwind
EX96 Repair RMPS Scrubber Demister	8533103106	Downwind Mid
EX96 Repair RMPS Scrubber Demister	8530100906	Downwind OSN
EX-92 Removal and Shipment of Reverb Feed	8530092511	WEST ROLL-UP DOOR
EX-92 Removal and Shipment of Reverb Feed	8530113011	EAST ROLL-UP DOOR



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4/28/2015 Work Area EX-92, EX-83, & EX-96

## **Test 058**

Instrument		Data Properties	
Model	DustTrak II	Start Date 04/28/2015	
Instrument S/N	8530132205	Start Time	10:27:14
		Stop Date	04/28/2015
		Stop Time	14:27:14
		Total Time	0:04:00:00
		Logging Interval	900 seconds

	Test Data						
Data Point	Date	Time	AEROSOL mg/m^3				
1	04/28/2015	10:42:14	0.021				
2	04/28/2015	10:57:14	0.026				
3	04/28/2015	11:12:14	0.044				
4	04/28/2015	11:27:14	0.016				
5	04/28/2015	11:42:14	0.015				
6	04/28/2015	11:57:14	0.021				
7	04/28/2015	12:12:14	0.015				
8	04/28/2015	12:27:14	0.023				
9	04/28/2015	12:42:14	0.017				
10	04/28/2015	12:57:14	0.016				
11	04/28/2015	13:12:14	0.012				
12	04/28/2015	13:27:14	0.029				
13	04/28/2015	13:42:14	0.033				
14	04/28/2015	13:57:14	0.035				
15	04/28/2015	14:12:14	0.039				
16	04/28/2015	14:27:14	0.045				

#### **Test 093**

Insti	ument	Data Properties		
Model	DustTrak DRX	Start Date 04/28/2015		
Instrument S/N	8533132902	Start Time	10:23:29	
		Stop Date	04/28/2015	
		Stop Time	14:38:29	
		Total Time	0:04:15:00	
		Logging Interval	900 seconds	

	Test Data						
Data Point	Date	Time	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3
1	04/28/2015	10:38:29	0.013	0.013	0.014	0.019	0.019
2	04/28/2015	10:53:29	0.013	0.014	0.015	0.019	0.019
3	04/28/2015	11:08:29	0.015	0.016	0.017	0.020	0.020
4	04/28/2015	11:23:29	0.011	0.012	0.013	0.016	0.016
5	04/28/2015	11:38:29	0.012	0.012	0.013	0.016	0.016
6	04/28/2015	11:53:29	0.012	0.013	0.014	0.017	0.017
7	04/28/2015	12:08:29	0.017	0.018	0.018	0.021	0.021
8	04/28/2015	12:23:29	0.014	0.014	0.015	0.017	0.017
9	04/28/2015	12:38:29	0.014	0.015	0.015	0.018	0.018
10	04/28/2015	12:53:29	0.018	0.018	0.019	0.021	0.021
11	04/28/2015	13:08:29	0.017	0.018	0.018	0.021	0.021
12	04/28/2015	13:23:29	0.023	0.024	0.025	0.029	0.029
13	04/28/2015	13:38:29	0.024	0.026	0.027	0.031	0.031
14	04/28/2015	13:53:29	0.029	0.030	0.031	0.035	0.035
15	04/28/2015	14:08:29	0.039	0.040	0.041	0.045	0.045
16	04/28/2015	14:23:29	0.041	0.043	0.044	0.049	0.049
17	04/28/2015	14:38:29	0.034	0.035	0.037	0.040	0.040

## **Test 020**

Insti	rument	Data Prop	erties
Model	DustTrak DRX	Start Date 04/28/2015	
Instrument S/N	8533103106	Start Time	07:56:58
		Stop Date	04/28/2015
		Stop Time	08:56:58
		Total Time	0:01:00:00
		Logging Interval	900 seconds

Test Data							
Data Point	Date	Time	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3
1	04/28/2015	08:11:58	0.013	0.014	0.016	0.019	0.019
2	04/28/2015	08:26:58	0.014	0.015	0.016	0.019	0.020
3	04/28/2015	08:41:58	0.012	0.013	0.014	0.016	0.016
4	04/28/2015	08:56:58	0.010	0.011	0.012	0.015	0.015

## **Test 095**

Instrument		Data Properties	
Model	DustTrak II	Start Date 04/28/2015	
Instrument S/N	8530100906	Start Time	07:51:42
		Stop Date	04/28/2015
		Stop Time	09:06:42
		Total Time	0:01:15:00
		Logging Interval	900 seconds

Test Data						
Data Point	Date	Time	AEROSOL mg/m^3			
1	04/28/2015	08:06:42	0.016			
2	04/28/2015	08:21:42	0.014			
3	04/28/2015	08:36:42	0.014			
4	04/28/2015	08:51:42	0.015			
5	04/28/2015	09:06:42	0.016			

#### **Test 021**

Inst	rument	Data Properties		
Model	DustTrak DRX	Start Date 04/28/2015		
Instrument S/N	8533103106	Start Time	09:04:21	
		Stop Date	04/28/2015	
		Stop Time	12:04:21	
		Total Time	0:03:00:00	
		Logging Interval	900 seconds	

Test Data							
Data Point	Date	Time	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3
1	04/28/2015	09:36:15	0.000	0.000	0.000	0.000	0.000
2	04/28/2015	09:49:21	0.010	0.011	0.012	0.014	0.016
3	04/28/2015	10:04:21	0.008	0.008	0.008	0.009	0.009
4	04/28/2015	10:19:21	0.007	0.008	0.008	0.008	0.008
5	04/28/2015	10:34:21	0.008	0.009	0.009	0.011	0.012
6	04/28/2015	10:49:21	0.013	0.014	0.015	0.020	0.022
7	04/28/2015	11:04:21	0.008	0.008	0.008	0.009	0.009
8	04/28/2015	11:19:21	0.007	0.008	0.008	0.008	0.008
9	04/28/2015	11:34:21	0.021	0.024	0.026	0.041	0.048
10	04/28/2015	11:49:21	0.013	0.014	0.015	0.020	0.023
11	04/28/2015	12:04:21	0.010	0.011	0.012	0.015	0.017

## **Test 105**

Instrument		Data Properties	
Model	DustTrak II	Start Date 04/28/2015	
Instrument S/N	8530113011	Start Time	05:01:47
		Stop Date	04/28/2015
		Stop Time	13:31:47
		Total Time	0:08:30:00
		Logging Interval	900 seconds

	Test Data				
Data Point	Date	Time	AEROSOL mg/m^3		
1	04/28/2015	05:16:47	0.025		
2	04/28/2015	05:31:47	0.020		
3	04/28/2015	05:46:47	0.019		
4	04/28/2015	06:01:47	0.017		
5	04/28/2015	06:16:47	0.019		
6	04/28/2015	06:31:47	0.018		
7	04/28/2015	06:46:47	0.019		
8	04/28/2015	07:01:47	0.020		
9	04/28/2015	07:16:47	0.019		
10	04/28/2015	07:31:47	0.018		
11	04/28/2015	07:46:47	0.017		
12	04/28/2015	08:01:47	0.017		
13	04/28/2015	08:16:47	0.016		
14	04/28/2015	08:31:47	0.015		
15	04/28/2015	08:46:47	0.015		
16	04/28/2015	09:01:47	0.014		
17	04/28/2015	09:16:47	0.015		
18	04/28/2015	09:31:47	0.016		
19	04/28/2015	09:46:47	0.019		
20	04/28/2015	10:01:47	0.019		
21	04/28/2015	10:16:47	0.020		
22	04/28/2015	10:31:47	0.021		
23	04/28/2015	10:46:47	0.022		
24	04/28/2015	11:01:47	0.023		
25	04/28/2015	11:16:47	0.023		
26	04/28/2015	11:31:47	0.024		
27	04/28/2015	11:46:47	0.022		
28	04/28/2015	12:01:47	0.023		
29	04/28/2015	12:16:47	0.022		
30	04/28/2015	12:31:47	0.022		
31	04/28/2015	12:46:47	0.022		
32	04/28/2015	13:01:47	0.023		
33	04/28/2015	13:16:47	0.023		
34	04/28/2015	13:31:47	0.036		

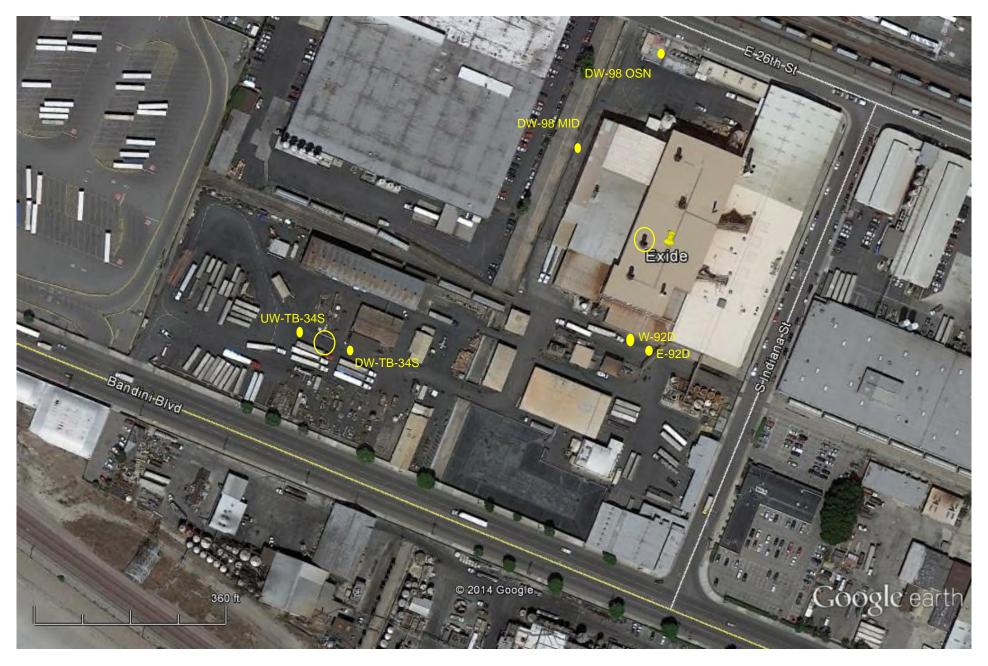
#### **Test 024**

Instrument		Data Properties		
Model	DustTrak II	Start Date 04/28/2015		
Instrument S/N	8530092511	Start Time	05:03:41	
		Stop Date	04/28/2015	
		Stop Time	13:33:41	
		Total Time	0:08:30:00	
		Logging Interval	900 seconds	

	Test Data				
Data Point	Date	Time	AEROSOL mg/m^3		
1	04/28/2015	05:18:41	0.011		
2	04/28/2015	05:33:41	0.011		
3	04/28/2015	05:48:41	0.008		
4	04/28/2015	06:03:41	0.009		
5	04/28/2015	06:18:41	0.010		
6	04/28/2015	06:33:41	0.009		
7	04/28/2015	06:48:41	0.009		
8	04/28/2015	07:03:41	0.010		
9	04/28/2015	07:18:41	0.010		
10	04/28/2015	07:33:41	0.009		
11	04/28/2015	07:48:41	0.009		
12	04/28/2015	08:03:41	0.008		
13	04/28/2015	08:18:41	0.008		
14	04/28/2015	08:33:41	0.007		
15	04/28/2015	08:48:41	0.007		
16	04/28/2015	09:03:41	0.006		
17	04/28/2015	09:18:41	0.006		
18	04/28/2015	09:33:41	0.006		
19	04/28/2015	09:48:41	0.007		
20	04/28/2015	10:03:41	0.006		
21	04/28/2015	10:18:41	0.005		
22	04/28/2015	10:33:41	0.005		
23	04/28/2015	10:48:41	0.005		
24	04/28/2015	11:03:41	0.005		
25	04/28/2015	11:18:41	0.004		
26	04/28/2015	11:33:41	0.005		
27	04/28/2015	11:48:41	0.004		
28	04/28/2015	12:03:41	0.002		
29	04/28/2015	12:18:41	0.002		
30	04/28/2015	12:33:41	0.001		
31	04/28/2015	12:48:41	0.001		
32	04/28/2015	13:03:41	0.001		
33	04/28/2015	13:18:41	0.002		
34	04/28/2015	13:33:41	0.007		

## Monitoring Results / Reports (Wednesday, April 29, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX83/EX94 RCRA RFI Soil Sampling (TB-34S)	8530100906	Upwind
EX83/EX94 RCRA RFI Soil Sampling (TB-34S)	8530113211	Downwind
EX98 Repair Hard Lead Baghouse Fan	8530142303	Downwind Mid
EX98 Repair Hard Lead Baghouse Fan	8533103106	Downwind OSN
EX-92 Removal and Shipment of Reverb Feed	8530092511	West of Roll Up
EX-92 Removarand Shipment of Reverb Feed	8530092511	Door
EX-92 Removal and Shipment of Reverb Feed	8530113011	East of Roll Up
EX-92 Removal and Shipment of Reverb Feed	8530113011	Door



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4/29/2015 Work Area EX-92, EX-83, & EX-98

#### **Test 018**

Instrument		Data Properties		
Model	DustTrak II	Start Date 04/29/2015		
Instrument S/N	8530113211	Start Time	10:07:20	
		Stop Date	04/29/2015	
		Stop Time	14:52:20	
		Total Time	0:04:45:00	
		Logging Interval	900 seconds	

	Test Data					
Data Point	Date	Time	AEROSOL mg/m^3			
1	04/29/2015	10:22:20	0.069			
2	04/29/2015	10:37:20	0.069			
3	04/29/2015	10:52:20	0.090			
4	04/29/2015	11:07:20	0.084			
5	04/29/2015	11:22:20	0.074			
6	04/29/2015	11:37:20	0.068			
7	04/29/2015	11:52:20	0.061			
8	04/29/2015	12:07:20	0.060			
9	04/29/2015	12:22:20	0.060			
10	04/29/2015	12:37:20	0.059			
11	04/29/2015	12:52:20	0.052			
12	04/29/2015	13:07:20	0.051			
13	04/29/2015	13:22:20	0.047			
14	04/29/2015	13:37:20	0.049			
15	04/29/2015	13:52:20	0.045			
16	04/29/2015	14:07:20	0.046			
17	04/29/2015	14:22:20	0.044			
18	04/29/2015	14:37:20	0.041			
19	04/29/2015	14:52:20	0.041			

## **Test 096**

Instrument		Data Properties		
Model	DustTrak II	Start Date 04/29/2015		
Instrument S/N	8530100906	Start Time	10:51:33	
		Stop Date	04/29/2015	
		Stop Time	14:51:33	
		Total Time	0:04:00:00	
		Logging Interval	900 seconds	

Test Data				
Data Point	Date	Time	AEROSOL mg/m^3	
1	04/29/2015	11:06:33	0.042	
2	04/29/2015	11:21:33	0.034	
3	04/29/2015	11:36:33	0.032	
4	04/29/2015	11:51:33	0.031	
5	04/29/2015	12:06:33	0.031	
6	04/29/2015	12:21:33	0.031	
7	04/29/2015	12:36:33	0.031	
8	04/29/2015	12:51:33	0.027	
9	04/29/2015	13:06:33	0.024	
10	04/29/2015	13:21:33	0.025	
11	04/29/2015	13:36:33	0.025	
12	04/29/2015	13:51:33	0.025	
13	04/29/2015	14:06:33	0.025	
14	04/29/2015	14:21:33	0.020	
15	04/29/2015	14:36:33	0.019	
16	04/29/2015	14:51:33	0.020	

## **Test 090**

Instrument		Data Properties		
Model	DustTrak II	Start Date 04/29/2015		
Instrument S/N	8530142303	Start Time	06:39:54	
		Stop Date	04/29/2015	
		Stop Time	14:39:54	
		Total Time	0:08:00:00	
		Logging Interval	900 seconds	

	Test Data					
Data Point	Date	Time	AEROSOL mg/m^3			
1	04/29/2015	06:54:54	0.062			
2	04/29/2015	07:09:54	0.093			
3	04/29/2015	07:24:54	0.202			
4	04/29/2015	07:39:54	0.340			
5	04/29/2015	07:54:54	0.408			
6	04/29/2015	08:09:54	0.095			
7	04/29/2015	08:24:54	0.192			
8	04/29/2015	08:39:54	0.167			
9	04/29/2015	08:54:54	0.105			
10	04/29/2015	09:09:54	0.095			
11	04/29/2015	09:24:54	0.120			
12	04/29/2015	09:39:54	0.129			
13	04/29/2015	09:54:54	0.127			
14	04/29/2015	10:09:54	0.117			
15	04/29/2015	10:24:54	0.078			
16	04/29/2015	10:39:54	0.076			
17	04/29/2015	10:54:54	0.094			
18	04/29/2015	11:09:54	0.086			
19	04/29/2015	11:24:54	0.064			
20	04/29/2015	11:39:54	0.053			
21	04/29/2015	11:54:54	0.042			
22	04/29/2015	12:09:54	0.036			
23	04/29/2015	12:24:54	0.035			
24	04/29/2015	12:39:54	0.034			
25	04/29/2015	12:54:54	0.027			
26	04/29/2015	13:09:54	0.023			
27	04/29/2015	13:24:54	0.023			
28	04/29/2015	13:39:54	0.020			
29	04/29/2015	13:54:54	0.020			
30	04/29/2015	14:09:54	0.015			
31	04/29/2015	14:24:54	0.014			
32	04/29/2015	14:39:54	0.012			

#### **Test 022**

Instrument		Data Properties	
Model	DustTrak DRX	Start Date 04/29/2015	
Instrument S/N	8533103106	Start Time	06:42:48
		Stop Date	04/29/2015
		Stop Time	14:42:48
		Total Time	0:08:00:00
		Logging Interval	900 seconds

	Test Data						
Data Point	Date	Time	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3
1	04/29/2015	06:57:48	0.040	0.043	0.044	0.048	0.049
2	04/29/2015	07:12:48	0.045	0.049	0.052	0.057	0.058
3	04/29/2015	07:27:48	0.065	0.070	0.073	0.077	0.078
4	04/29/2015	07:42:48	0.114	0.119	0.120	0.124	0.124
5	04/29/2015	07:57:48	0.130	0.135	0.137	0.142	0.142
6	04/29/2015	08:12:48	0.042	0.047	0.049	0.053	0.054
7	04/29/2015	08:27:48	0.080	0.084	0.086	0.089	0.089
8	04/29/2015	08:42:48	0.057	0.060	0.062	0.065	0.065
9	04/29/2015	08:57:48	0.050	0.053	0.055	0.057	0.057
10	04/29/2015	09:12:48	0.048	0.052	0.053	0.056	0.056
11	04/29/2015	09:27:48	0.060	0.064	0.066	0.069	0.069
12	04/29/2015	09:42:48	0.061	0.065	0.067	0.070	0.071
13	04/29/2015	09:57:48	0.061	0.065	0.067	0.071	0.071
14	04/29/2015	10:12:48	0.055	0.058	0.060	0.064	0.064
15	04/29/2015	10:27:48	0.035	0.037	0.038	0.041	0.041
16	04/29/2015	10:42:48	0.039	0.041	0.042	0.044	0.044
17	04/29/2015	10:57:48	0.045	0.047	0.048	0.051	0.051
18	04/29/2015	11:12:48	0.043	0.045	0.046	0.048	0.048
19	04/29/2015	11:27:48	0.035	0.037	0.038	0.040	0.040
20	04/29/2015	11:42:48	0.025	0.027	0.028	0.029	0.029
21	04/29/2015	11:57:48	0.021	0.023	0.024	0.025	0.025
22	04/29/2015	12:12:48	0.017	0.019	0.019	0.021	0.021
23	04/29/2015	12:27:48	0.018	0.021	0.021	0.023	0.023
24	04/29/2015	12:42:48	0.017	0.020	0.020	0.021	0.021
25	04/29/2015	12:57:48	0.014	0.016	0.016	0.018	0.018
26	04/29/2015	13:12:48	0.012	0.014	0.014	0.015	0.015
27	04/29/2015	13:27:48	0.009	0.010	0.011	0.011	0.011
28	04/29/2015	13:42:48	0.010	0.011	0.011	0.012	0.012
29	04/29/2015	13:57:48	0.007	0.008	0.009	0.009	0.009
30	04/29/2015	14:12:48	0.007	0.008	0.009	0.010	0.010
31	04/29/2015	14:27:48	0.007	0.008	0.009	0.009	0.009
32	04/29/2015	14:42:48	0.006	0.007	0.007	0.007	0.007

## **Test 106**

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/29/2015
Instrument S/N	8530113011	Start Time	05:06:50
		Stop Date	04/29/2015
		Stop Time	12:36:50
		Total Time	0:07:30:00
		Logging Interval	900 seconds

	Test Data					
Data Point	Date	Time	AEROSOL mg/m^3			
1	04/29/2015	05:21:50	0.031			
2	04/29/2015	05:36:50	0.026			
3	04/29/2015	05:51:50	0.027			
4	04/29/2015	06:06:50	0.030			
5	04/29/2015	06:21:50	0.034			
6	04/29/2015	06:36:50	0.036			
7	04/29/2015	06:51:50	0.042			
8	04/29/2015	07:06:50	0.052			
9	04/29/2015	07:21:50	0.147			
10	04/29/2015	07:36:50	0.203			
11	04/29/2015	07:51:50	0.239			
12	04/29/2015	08:06:50	0.081			
13	04/29/2015	08:21:50	0.086			
14	04/29/2015	08:36:50	0.115			
15	04/29/2015	08:51:50	0.078			
16	04/29/2015	09:06:50	0.059			
17	04/29/2015	09:21:50	0.070			
18	04/29/2015	09:36:50	0.080			
19	04/29/2015	09:51:50	0.082			
20	04/29/2015	10:06:50	0.075			
21	04/29/2015	10:21:50	0.061			
22	04/29/2015	10:36:50	0.035			
23	04/29/2015	10:51:50	0.063			
24	04/29/2015	11:06:50	0.059			
25	04/29/2015	11:21:50	0.049			
26	04/29/2015	11:36:50	0.043			
27	04/29/2015	11:51:50	0.038			
28	04/29/2015	12:06:50	0.036			
29	04/29/2015	12:21:50	0.035			
30	04/29/2015	12:36:50	0.038			

#### **Test 025**

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/29/2015
Instrument S/N	8530092511	Start Time	05:08:06
		Stop Date	04/29/2015
		Stop Time	12:38:06
		Total Time	0:07:30:00
		Logging Interval	900 seconds

	Test Data					
Data Point	Date	Time	AEROSOL mg/m^3			
1	04/29/2015	05:23:06	0.015			
2	04/29/2015	05:38:06	0.013			
3	04/29/2015	05:53:06	0.014			
4	04/29/2015	06:08:06	0.015			
5	04/29/2015	06:23:06	0.017			
6	04/29/2015	06:38:06	0.018			
7	04/29/2015	06:53:06	0.021			
8	04/29/2015	07:08:06	0.061			
9	04/29/2015	07:23:06	0.130			
10	04/29/2015	07:38:06	0.087			
11	04/29/2015	07:53:06	0.116			
12	04/29/2015	08:08:06	0.027			
13	04/29/2015	08:23:06	0.045			
14	04/29/2015	08:38:06	0.050			
15	04/29/2015	08:53:06	0.035			
16	04/29/2015	09:08:06	0.027			
17	04/29/2015	09:23:06	0.033			
18	04/29/2015	09:38:06	0.036			
19	04/29/2015	09:53:06	0.036			
20	04/29/2015	10:08:06	0.032			
21	04/29/2015	10:23:06	0.025			
22	04/29/2015	10:38:06	0.015			
23	04/29/2015	10:53:06	0.025			
24	04/29/2015	11:08:06	0.023			
25	04/29/2015	11:23:06	0.018			
26	04/29/2015	11:38:06	0.015			
27	04/29/2015	11:53:06	0.012			
28	04/29/2015	12:08:06	0.010			
29	04/29/2015	12:23:06	0.011			
30	04/29/2015	12:38:06	0.011			