

January 16, 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 # 18 (1/8/15 – 1/14/15)**

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 January 8, 2015 through January 14, 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
5d	Santa Maria Tank #12	Temporary Enclosure Under Negative Pressure in the Total Enclosure Building
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
3i	Installation of Rotary Dryer Regenerative Thermal Oxidizer	Total Enclosure Building Under Negative Pressure
3j	Installation of HEPA Filters on MAC Bag Houses	Total Enclosure Building Under Negative Pressure
EX 73	Stormwater Repair – 3 Manholes	Temporary Enclosure Under Negative Pressure

**Tetra Tech BAS, Inc.**

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TASK ID	Major Work Item	Mitigation Measure(s)
EX 33	Building Negative Pressure Monitoring Upgrade	Use of self-tapping screws, Pre-Cleaning of area
EX 44	Underground Pipe Project	Temporary Enclosure Under Negative Pressure*
EX 81	Removal & Shipment of Spent Furnace Brick and Refractory	Total Enclosure Building Under Negative Pressure
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 87	#5 Sand Filter Tank in the Waste Water Treatment	Temporary Enclosure Under Negative Pressure
3b	Hard Lead System Ventilation Modification	Total Enclosure Building Under Negative Pressure
3f	Reverb Furnace Feed Modification	Total Enclosure Building Under Negative Pressure

\* Dust Trak monitoring performed for this work item.

### Dust Removal

National Response Corporation (NRC) personnel were onsite on January 8, 2015, to empty the vacuum truck. Lead dust collected in the vacuum truck was removed by adding water to create a slurry in the same manor used when the vacuum truck was emptied previously. NRC resumed dust removal activities on January 9, 2015, in the blast furnace area. NRC personnel used vacuum hoses connected to the vacuum truck to remove dust located between the blast furnace and the blast furnace partial enclosure as the blast furnace partial enclosure was removed.

NRC used a vacuum truck (Vehicle License No. 7M95594) which has a valid SCAQMD Various Locations Permit for lead abatement (Permit No. G33129 A/N 568775).

Tetra Tech personnel were onsite to monitor dust removal activities, verify permits for the vacuum truck, and dust disposal. 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.
- Verification that the SCAQMD Various Locations Permit was present for the vacuum truck HEPA vacuum and that filters were certified with a minimum efficiency of 99.97% for capture of 0.3 micron particles.
- Observation of the emptying of the vacuum truck to confirm that no fugitive dust was generated during the process.

### West Yard Sump Piping

No work occurred on the West Yard Sump Piping during this reporting period. Exide is awaiting Department of Toxic Substances Control (DTSC) review and comment on proposed piping modification prior to completion of this task. This activity does not

require a temporary negative pressure enclosure because no work is being performed that has the potential to generate dust.

#### Santa Maria Tank #12

Castlerock continued removal of the temporary enclosure on Thursday, January 8, 2015. Removal of the temporary enclosure erected inside the total enclosure building to construct the Santa Maria Tank #12 was completed on Friday, January 9, 2015.

Tetra Tech personnel were onsite to observe work performed by Castlerock to remove the Santa Maria Tank #12 temporary enclosure. 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.

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

Advanced Construction and Exide personnel continued removal of the blast furnace partial enclosure on Thursday, January 8, 2015, and continued removing large accumulations of hardened lead from the area in and around the Blast Furnace and the crucible. This work will continue in the next reporting period.

Tetra Tech personnel were onsite to observe the deconstruction and housekeeping activities. 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.
- Periodic visual observation of the installation activities to confirm compliance with the supplemental mitigation plan.

#### Blast Furnace Tray Type Wet Scrubbing System

Advanced Construction continued installation activities related to the new blast furnace tray type wet scrubbing system. Advanced Construction continued preparation of the foundation for the Blast Furnace tray type wet scrubbing system.

Tetra Tech personnel were onsite to observe the installation of rebar and foundation prep work. 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.
- Observation of activities being performed using wet methods.
- Observation of loading of the hoppers and transfer of the materials from the hoppers to the roll off containers to verify that no visible fugitive dust was generated.
- Observation of lining of the roll off containers, the closing, tarping and shrink wrapping of the container lid, and the decontamination of the roll off containers

prior to removal of the container from the Total Enclosure Building maintained under negative pressure for offsite disposal.

#### Installation of the Rotary Dryer Regenerative Thermal Oxidizer (RTO)

Advanced Construction continued installation activities on Thursday, January 8, 2015, for the Rotary Dryer RTO. Activities included continued preparation of the foundation for the new equipment.

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.
- Observation of activities being performed using wet methods.

#### Installation of HEPA Filters on MAC Bag Houses

Baghouse Services completed installation of a view port on the MAC Bag House enclosure during the scheduled shut down on Monday, January 12, 2015. Activities included installation of a window in the enclosure when the unit was offline while the power source was switched for grid to generator power. Baghouse Services completed clean up and cosmetic improvements on January 14, 2015.

Tetra Tech personnel were onsite to observe installation activities. 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.
- Monitoring of the Total Enclosure Building's magna-helix gages 2 to 3 times per shift to verify negative pressure is maintained during the scheduled shut down.

#### Stormwater Repair – 3 Manholes

No work was completed on this project during this reporting period. Innovative Construction Solutions (ICS) has been requested to provide additional information on a proposed repair method before the method can be approved. Repair activities will resume once a repair method is approved.

#### Building Negative Pressure Monitoring Upgrade

Southwest Industrial Electric continued installation activities on January 8, 2015, and is currently completing wiring, installing programming and wireless communication.

#### Underground Piping Project

Advanced Construction continued saw cutting and removal of asphalt, soil and buried piping within the second temporary enclosure on January 8, 2015. Removal of asphalt, soil and buried piping within the second temporary enclosure continued through the weekend and was completed on January 12, 2015, the trench was backfilled and concrete was poured on January 13, 2015. Castlerock began installation of another

temporary enclosure on Saturday, January 10, 2015, at a new location where additional buried pipe removal was required. The new temporary enclosure was completed on Monday January 12, 2015, and removal activities began on Tuesday, January 13, 2015. Removal activities will continue at the new location during the next reporting period.

Verification activities included:

- Observation of the installation of the temporary enclosures.
- Downwind Dust Trak monitoring on the temporary enclosure installations and repair activities within the enclosures, to monitor for fugitive dust emissions. Review of Dust Trak data did not indicate that work associated with the underground pipe project were generating fugitive dust emissions.
- Confirmation that negative pressure was maintained by checking the gauge on the temporary enclosures.
- Periodic visual inspection of the temporary enclosure to confirm that no visible leaks or tears were present, that the structural integrity of the enclosure was maintained and that it was 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 enclosure. 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 Shipment of Spent Furnace Brick and Refractory

Exide continued shipment of the spent furnace brick and refractory on January 8, 2015. Tetra Tech personnel did not witness the shipment of spent brick and refractory during this reporting period and is scheduled to observe this activity during the next reporting period. Tetra Tech personnel were onsite to observe shipment of spent furnace brick and refractory on January 9, 2015, but no loads were shipped. Approximately one load of spent furnace brick and refractory remains, and it will be shipped during the next reporting period.

#### Repurposing of North Reverb Bag House

Exide personnel resumed installation activities on Thursday, January 8, 2015, for the repurposing of the North Reverb Bag House. NRC is scheduled to complete dust removal from within the north reverb bag house enclosure during the next reporting period. Exide personnel continued preparing for system modifications that will take place once dust removal is complete.

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.

### Installation of Blast RTO

Advanced Construction continued installation activities on Thursday, January 8, 2015, for the installation of the new RTO for the Blast Furnace. Activities included preparation of the foundation for the new equipment.

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.

### #5 Sand Filter Tank in the Waste Water Treatment

Castlerock began installation of a temporary enclosure under negative pressure vented to a permitted HEPA filtration system at the #5 Sand Filter Tank in the Waste Water Treatment area on Tuesday, January 13, 2015. Installation of the temporary enclosure was completed on Wednesday, January 14, 2015, and Exide will begin repair activities on the #5 Sand Filter Tank within the temporary enclosure during the next reporting period

Tetra Tech personnel were onsite to observe work performed by Castlerock to install the #5 Sand Filter Tank temporary enclosure. Verification activities included:

- Observation of the installation of the temporary enclosure and verification of permits for the negative pressure machine with HEPA filters.

### Hard Lead System Ventilation Modification

Exide began modifications to the Hard Lead System ventilation on Monday, January 12, 2015 during the scheduled shutdown. Exide made modifications to the hard lead system ventilation ducting while the Hard Lead Baghouse was offline so that the remaining modifications can be made with the Hard Lead Baghouse online. The modifications made during the short term scheduled shut down included disconnecting and blinding off ducting runs that need to be modified to accomplish the air pollution control upgrades in the approved mitigation plan. The Hard Lead Baghouse was placed back online on January 12, 2015, after the duct modifications were complete.

Tetra Tech personnel were onsite to observe work performed by Exide to the Hard Lead System ventilation. 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.

### Blast Furnace Slag Tap Ventilation Hood Modification

Exide began modifications to the Blast Furnace Slag Tap Ventilation on Monday, January 12, 2015, during the scheduled shutdown. Exide made modifications to the ducting while the Hard Lead Baghouse was offline so that the remaining modifications can be made with the Hard Lead Baghouse online. The modifications made during the short term scheduled shut down included disconnecting and blinding off ducting runs

that need to be modified to accomplish the air pollution control upgrades in the approved mitigation plan. The Hard Lead Baghouse was placed back online on January 12, 2015, after the duct modifications were complete.

Tetra Tech personnel were onsite to observe work performed by Exide to the Blast Furnace Slag Tap Ventilation. 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.

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

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

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

In general accordance with the Order for Abatement Case No. 3151-32 Findings and Decision, air monitoring was conducted during a portion of all repair work performed within the temporary enclosures on a daily basis. Monitoring results are attached. 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 readings upwind and downwind of the noted work areas were generally comparable, indicating that no significant dust emissions were generated through these tasks. Therefore, no additional dust suppression activities were implemented.

Activity Which Resulted in Excessive Dust	Additional Suppression Activity
None	Not Required

**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.

<b>TASK</b>	<b>STATUS</b>
Dust Removal	Ongoing
West Yard Sump Piping	Ongoing - on hold
Santa Maria Tank 12	Completed
Storm Water Repair – 3 Manholes	Ongoing
Building Negative Pressure Monitoring Upgrade	Ongoing
Underground Pipe Project	Ongoing
Blast Furnace Activities	Ongoing
Replacement of Blast Furnace Partial Enclosure	Ongoing
Blast Furnace Tray Type Wet Scrubbing System Installation	Ongoing
Installation of Rotary Dryer Regenerative Thermal Oxidizer	Ongoing
Installation of HEPA Filters on MAC Baghouses	Ongoing
Repurposing of North Reverb Baghouse	Ongoing
Installation of Blast RTO	Ongoing
#5 Sand Filter Tank in the Waste Water Treatment	Started
Hard Lead System Ventilation Modification	Started
Reverb Furnace Feed Modification	Started



**WORK SCHEDULED DURING THE UPCOMING PERIOD:**

The following activities are anticipated for the upcoming weeks:

Week	Anticipated Activities
Jan. 15 – Jan. 21	<ul style="list-style-type: none"> <li>• Dust Removal Continues</li> <li>• Underground Piping Project Completes</li> <li>• Storm Water Repair 3 Manholes Continues</li> <li>• Building Negative Pressure Monitoring Upgrade Completes</li> <li>• Removal &amp; Shipment of Spent Furnace Brick and Refractory Completes</li> <li>• Blast Furnace Activities Continue</li> <li>• Repurposing of North Reverb Baghouse Continues</li> <li>• Replacement of Blast Furnace Partial Enclosure Continues</li> <li>• Installation of Rotary Dryer Regenerative Thermal Oxidizer Continues</li> <li>• Blast Furnace Tray Type Wet Scrubbing System Installation Continues</li> <li>• Installation of HEPA Filters on MAC Baghouses Completes</li> <li>• Installation of Blast RTO Continues</li> <li>• RCRA RFI Soil Sampling Starts</li> <li>• #5 Sand Filter Tank in the Waste Water Treatment Continues</li> <li>• Hard Lead System Ventilation Modification Continues</li> <li>• Blast Furnace Slag Tap Ventilation Hood Modification Continues</li> <li>• Reverb Furnace Feed Modification begins</li> <li>• Reverb Feedroom/Corridor Floors begins</li> </ul>

Week	Anticipated Activities
Jan 22 - Jan 28	<ul style="list-style-type: none"> <li>• Dust Removal Continues</li> <li>• Underground Piping Project Completes</li> <li>• Storm Water Repair 3 Manholes Completes</li> <li>• Repurposing of North Reverb Baghouse Continues</li> <li>• Replacement of Blast Furnace Partial Enclosure Continues</li> <li>• Installation of Rotary Dryer Regenerative Thermal Oxidizer Continues</li> <li>• Blast Furnace Tray Type Wet Scrubbing System Installation Continues</li> <li>• Installation of Blast RTO Continues</li> <li>• RCRA RFI Soil Sampling Continues</li> <li>• #5 Sand Filter Tank in the Waste Water Treatment Continues</li> <li>• Hard Lead System Ventilation Modification Continues</li> <li>• Blast Furnace Slag Tap Ventilation Hood Modification Continues</li> <li>• Reverb Furnace Feed Modification Continues</li> <li>• Reverb Feed / Corridor Floors Continues</li> <li>• Installation of High Speed Doors Begins</li> </ul>

**KEY MILESTONES:**

The following key milestones were achieved during this reporting period:

- o Rebuild of Santa Maria (Tank 12) – COMPLETE
- o Installation of HEPA Filters on MAC Bag Houses – COMPLETE
- o #5 Sand Filter Tank in the Waste Water Treatment – STARTED
- o Hard Lead System Ventilation Modification – STARTED
- o Blast Furnace Slag Tap Ventilation Hood Modification - STARTED

**POTENTIAL CHANGES AND ACTION ITEMS REQUIRING RESOLUTION:**

The following items require resolution:

- o None at this time.

#### OTHER NOTES/COMMENTS

Due to budgetary constraints and Exide's schedule, continuous monitoring of all activities was not possible. Each activity being performed is inspected periodically on a daily basis, but is no longer continuously monitored.

Exide had submitted a 10 public notification in accordance with Rule 1420.1 and is scheduled to conduct a survey of the facility's power supply. This work was completed successfully on Monday January 12, 2015.

#### SUMMARY:

The summary provided herein covers the activities for the period of January 8, 2015 through January 14, 2015. Daily Dust Trak monitoring data are attached. Also attached please find 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  
Monitoring Results / Reports

## Gant Chart Schedule

# Project Schedule

## Week of 1/8/15 – 1/28/15

**Rev: 1/15/2015**

		Recycling Division, Vernon, CA					01/09/15							01/16/15							01/23/15						
Mitigation Plan Risks	Task Name	Plant Location	Duration	Start Date	Finish Date	%	06	08	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Ex43	West Yard Sump Piping	West Yard	116 days	9/29/14	1/23/15	90%																					
2a	Dust Removal for Structures	Total Enclosure	152 days	9/29/14	2/20/15	90%																					
5d	Rebuild of Santa Maria (Tank 12)	RMPS	84 days	10/17/14	1/9/15	100%																					
Ex73	Stormwater Repair – 3 Manholes	Yards	81 days	10/13/14	1/20/15	90%																					
Ex44	Underground Pipe Project	South Yard	78 days	11/3/14	1/20/15	94%																					
Ex72	Cleaning of Assorted Materials in Total Enclosure	Total Enclosure	130 days	11/20/14	3/30/15	43%																					
Ex76	Various Work Methods in Total Enclosure	Total Enclosure	129 days	11/21/14	3/30/15	43%																					
Ex33	Building Negative Pressure Monitoring Upgrade	General	56 days	12/1/14	1/26/15	85%																					
Ex81	Removal & Shipment of Spent Furnace Brick & Refractory	General	43 days	12/4/14	1/16/15	95%																					
5b	Blast Furnace Activities	Blast Furnace	73 days	12/16/14	2/27/15	50%																					
4	RCRA RFI Soil Sampling	General	59 days	1/19/15	3/19/15	0%																					
Ex83	RFI Soil Sampling Supplemental	General	59 days	1/19/15	3/19/15	0%																					
3a	Blast Furnace Tray Type Wet Scrubbing System	BH Building	91 days	12/16/14	3/17/15	12%																					
Ex84	Repurposing of North Reverb Baghouse	BH Building	42 days	12/22/14	2/2/15	35%																					
3c	Replacement of Blast Furnace Partial Enclosure	Blast Furnace	66 days	12/16/14	2/20/15	25%																					
3i	Installation of Rotary Dryer Regenerative Thermal Oxidizer	BH Building	57 days	12/16/14	2/11/15	15%																					
3j	Installation of HEPA Filters on MAC Baghouses	BH Building	31 days	12/16/14	1/16/15	95%																					
Ex86 / 3k	Installation of Blast RTD	Smelting	78 days	12/22/14	3/10/15	15%																					
Ex87	#5 Sand Filter Tank in the Waste Water Treatment	WWTP	11 days	1/12/15	1/23/15	27%																					
3b	Hard Lead System Ventilation Modification	BH Building	67 days	1/12/15	3/20/15	2%																					
3g	Reverb Furnace Feed Modification	Reverb	22 days	1/19/15	2/10/15	0%																					
3f	Blast Furnace Slag Tap Ventilation Hood Modification	Blast Furnace	38 days	1/12/15	2/19/15	2%																					
Ex88	Reverb Feedroom / Corridor Floors	Reverb Feedroom / Corridor	114 days	1/19/15	5/13/15	0%																					
2d	Installation of High Speed Doors	Baghouse Building	3 days	1/26/15	1/28/15	0%																					

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

## Site Map



## Mitigation Project Map Layout

**Week 1/8/15 – 1/28/15**

**Rev: 1/15/2015**

**Ex43.** West Yard Sump Piping

**2a.** Dust Removal

**5d.** Rebuild of Santa Maria (Tank 12)

**Ex73.** Stormwater Repair – 3 Manholes

**Ex44.** Underground Pipe Project

**Ex81.** Removal & Shipment of Spent Furnace Brick & Refractory

**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

**Ex84.** Rebuilding of Reverb Baghouse

**3c.** Replacement of Blast Furnace Partial Enclosure

**3i.** Installation of Rotary Dryer Regenerative Thermal Oxidizer

**3j.** Installation of HEPA Filters on MAC Baghouses

**Ex86 / 3k.** Installation of Blast RTO

**Ex87.** #5 Sand Filter Tank in the Waste Water Treatment

**3b.** Hard Lead System Ventilation Modification

**3g.** Reverb Furnace Feed Modification

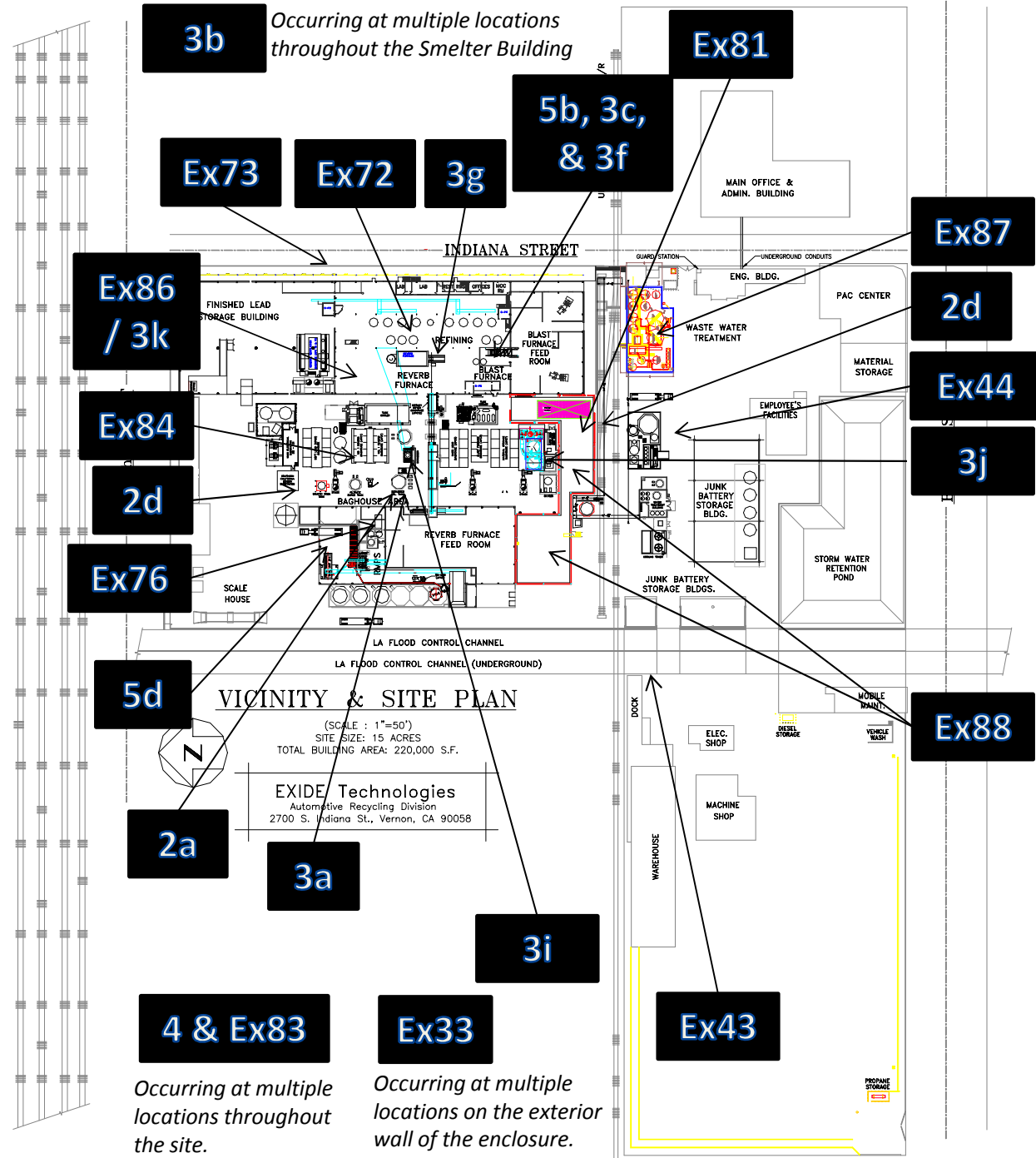
**3f.** Blast Furnace Slag Tap Ventilation Hood Modification

**Ex88.** Reverb Feedroom / Corridor Floors

**2d.** Installation of High Speed Doors

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\_011515.pptx



Occurring at multiple locations throughout the site.

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

Monitoring Results / Reports  
(Thursday, January 8, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX-44 – UNDERGROUND PIPE PROJECT	8530113011	UPWIND
EX-44 – UNDERGROUND PIPE PROJECT	8530142303	DOWNWIND 1
EX-44 – UNDERGROUND PIPE PROJECT	8530100906	DOWNWIND 2





Exide Technologies  
2700 Indiana Street  
Vernon, CA 90058

1/8/2015 Work Area Ex 44 -  
Underground Pipe Project

# Test 059

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/08/2015
Instrument S/N	8530113011	Start Time	07:12:35
		Stop Date	01/08/2015
		Stop Time	14:12:35
		Total Time	0:07:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/08/2015	07:27:35	0.036
2	01/08/2015	07:42:35	0.031
3	01/08/2015	07:57:35	0.028
4	01/08/2015	08:12:35	0.024
5	01/08/2015	08:27:35	0.026
6	01/08/2015	08:42:35	0.028
7	01/08/2015	08:57:35	0.032
8	01/08/2015	09:12:35	0.039
9	01/08/2015	09:27:35	0.044
10	01/08/2015	09:42:35	0.051
11	01/08/2015	09:57:35	0.056
12	01/08/2015	10:12:35	0.065
13	01/08/2015	10:27:35	0.068
14	01/08/2015	10:42:35	0.072
15	01/08/2015	10:57:35	0.069
16	01/08/2015	11:12:35	0.192
17	01/08/2015	11:27:35	0.068
18	01/08/2015	11:42:35	0.072
19	01/08/2015	11:57:35	0.073
20	01/08/2015	12:12:35	0.075
21	01/08/2015	12:27:35	0.085
22	01/08/2015	12:42:35	0.093
23	01/08/2015	12:57:35	0.104
24	01/08/2015	13:12:35	0.093
25	01/08/2015	13:27:35	0.086
26	01/08/2015	13:42:35	0.081
27	01/08/2015	13:57:35	0.074
28	01/08/2015	14:12:35	0.066

# Test 049

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/08/2015
Instrument S/N	8530142303	Start Time	06:52:06
		Stop Date	01/08/2015
		Stop Time	14:22:06
		Total Time	0:07:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/08/2015	07:07:06	0.064
2	01/08/2015	07:22:06	0.061
3	01/08/2015	07:37:06	0.054
4	01/08/2015	07:52:06	0.051
5	01/08/2015	08:07:06	0.044
6	01/08/2015	08:22:06	0.045
7	01/08/2015	08:37:06	0.048
8	01/08/2015	08:52:06	0.051
9	01/08/2015	09:07:06	0.058
10	01/08/2015	09:22:06	0.062
11	01/08/2015	09:37:06	0.071
12	01/08/2015	09:52:06	0.077
13	01/08/2015	10:07:06	0.085
14	01/08/2015	10:22:06	0.091
15	01/08/2015	10:37:06	0.090
16	01/08/2015	10:52:06	0.094
17	01/08/2015	11:07:06	0.085
18	01/08/2015	11:22:06	0.086
19	01/08/2015	11:37:06	0.092
20	01/08/2015	11:52:06	0.092
21	01/08/2015	12:07:06	0.093
22	01/08/2015	12:22:06	0.103
23	01/08/2015	12:37:06	0.116
24	01/08/2015	12:52:06	0.125
25	01/08/2015	13:07:06	0.118
26	01/08/2015	13:22:06	0.106
27	01/08/2015	13:37:06	0.102
28	01/08/2015	13:52:06	0.095
29	01/08/2015	14:07:06	0.081
30	01/08/2015	14:22:06	0.088

# Test 067

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/08/2015
Instrument S/N	8530100906	Start Time	07:11:23
		Stop Date	01/08/2015
		Stop Time	14:11:23
		Total Time	0:07:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/08/2015	07:26:23	0.028
2	01/08/2015	07:41:23	0.032
3	01/08/2015	07:56:23	0.024
4	01/08/2015	08:11:23	0.022
5	01/08/2015	08:26:23	0.023
6	01/08/2015	08:41:23	0.025
7	01/08/2015	08:56:23	0.028
8	01/08/2015	09:11:23	0.033
9	01/08/2015	09:26:23	0.037
10	01/08/2015	09:41:23	0.041
11	01/08/2015	09:56:23	0.047
12	01/08/2015	10:11:23	0.055
13	01/08/2015	10:26:23	0.053
14	01/08/2015	10:41:23	0.063
15	01/08/2015	10:56:23	0.057
16	01/08/2015	11:11:23	0.056
17	01/08/2015	11:26:23	0.059
18	01/08/2015	11:41:23	0.061
19	01/08/2015	11:56:23	0.062
20	01/08/2015	12:11:23	0.065
21	01/08/2015	12:26:23	0.072
22	01/08/2015	12:41:23	0.081
23	01/08/2015	12:56:23	0.085
24	01/08/2015	13:11:23	0.074
25	01/08/2015	13:26:23	0.071
26	01/08/2015	13:41:23	0.067
27	01/08/2015	13:56:23	0.060
28	01/08/2015	14:11:23	0.056

Monitoring Results / Reports  
(Friday, January 9, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX-44 – UNDERGROUND PIPE PROJECT	8533133501	UPWIND
EX-44 – UNDERGROUND PIPE PROJECT	8530141008	DOWNWIND 1
EX-44 – UNDERGROUND PIPE PROJECT	8530141712	DOWNWIND 2





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Underground Pipe Project

# Test 056

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	01/09/2015
Instrument S/N	8533133501	Start Time	07:30:07
		Stop Date	01/09/2015
		Stop Time	14:30:07
		Total Time	0:07:00:00
		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	01/09/2015	07:45:07	0.047	0.048	0.050	0.055	0.056
2	01/09/2015	08:00:07	0.044	0.045	0.047	0.051	0.051
3	01/09/2015	08:15:07	0.058	0.059	0.061	0.064	0.065
4	01/09/2015	08:30:07	0.067	0.068	0.069	0.072	0.073
5	01/09/2015	08:45:07	0.086	0.087	0.088	0.092	0.093
6	01/09/2015	09:00:07	0.086	0.087	0.089	0.093	0.093
7	01/09/2015	09:15:07	0.085	0.087	0.088	0.092	0.093
8	01/09/2015	09:30:07	0.084	0.085	0.086	0.090	0.091
9	01/09/2015	09:45:07	0.100	0.102	0.103	0.106	0.107
10	01/09/2015	10:00:07	0.089	0.090	0.092	0.095	0.095
11	01/09/2015	10:15:07	0.096	0.097	0.099	0.103	0.104
12	01/09/2015	10:30:07	0.091	0.092	0.094	0.098	0.099
13	01/09/2015	10:45:07	0.097	0.098	0.099	0.103	0.104
14	01/09/2015	11:00:07	0.091	0.092	0.094	0.098	0.099
15	01/09/2015	11:15:07	0.080	0.081	0.082	0.085	0.086
16	01/09/2015	11:30:07	0.074	0.075	0.076	0.078	0.079
17	01/09/2015	11:45:07	0.064	0.064	0.065	0.068	0.068
18	01/09/2015	12:00:07	0.050	0.051	0.051	0.053	0.054
19	01/09/2015	12:15:07	0.056	0.056	0.057	0.059	0.060
20	01/09/2015	12:30:07	0.058	0.058	0.059	0.061	0.062
21	01/09/2015	12:45:07	0.064	0.065	0.066	0.068	0.068
22	01/09/2015	13:00:07	0.060	0.061	0.062	0.063	0.064
23	01/09/2015	13:15:07	0.052	0.053	0.054	0.056	0.056
24	01/09/2015	13:30:07	0.057	0.058	0.059	0.061	0.062
25	01/09/2015	13:45:07	0.056	0.057	0.058	0.060	0.061
26	01/09/2015	14:00:07	0.054	0.055	0.056	0.059	0.060
27	01/09/2015	14:15:07	0.050	0.050	0.051	0.054	0.055
28	01/09/2015	14:30:07	0.039	0.040	0.041	0.043	0.044

# Test 054

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/09/2015
Instrument S/N	8530141008	Start Time	07:30:58
		Stop Date	01/09/2015
		Stop Time	14:15:58
		Total Time	0:06:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/09/2015	07:45:58	0.085
2	01/09/2015	08:00:58	0.088
3	01/09/2015	08:15:58	0.110
4	01/09/2015	08:30:58	0.128
5	01/09/2015	08:45:58	0.143
6	01/09/2015	09:00:58	0.139
7	01/09/2015	09:15:58	0.133
8	01/09/2015	09:30:58	0.134
9	01/09/2015	09:45:58	0.148
10	01/09/2015	10:00:58	0.140
11	01/09/2015	10:15:58	0.151
12	01/09/2015	10:30:58	0.149
13	01/09/2015	10:45:58	0.162
14	01/09/2015	11:00:58	0.146
15	01/09/2015	11:15:58	0.130
16	01/09/2015	11:30:58	0.133
17	01/09/2015	11:45:58	0.114
18	01/09/2015	12:00:58	0.089
19	01/09/2015	12:15:58	0.097
20	01/09/2015	12:30:58	0.153
21	01/09/2015	12:45:58	0.140
22	01/09/2015	13:00:58	0.147
23	01/09/2015	13:15:58	0.089
24	01/09/2015	13:30:58	0.194
25	01/09/2015	13:45:58	0.086
26	01/09/2015	14:00:58	0.098
27	01/09/2015	14:15:58	0.088



# Test 016

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/09/2015
Instrument S/N	8530141712	Start Time	07:22:38
		Stop Date	01/09/2015
		Stop Time	14:22:38
		Total Time	0:07:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/09/2015	07:37:38	0.105
2	01/09/2015	07:52:38	0.102
3	01/09/2015	08:07:38	0.107
4	01/09/2015	08:22:38	0.138
5	01/09/2015	08:37:38	0.163
6	01/09/2015	08:52:38	0.172
7	01/09/2015	09:07:38	0.154
8	01/09/2015	09:22:38	0.154
9	01/09/2015	09:37:38	0.168
10	01/09/2015	09:52:38	0.163
11	01/09/2015	10:07:38	0.168
12	01/09/2015	10:22:38	0.174
13	01/09/2015	10:37:38	0.177
14	01/09/2015	10:52:38	0.181
15	01/09/2015	11:07:38	0.162
16	01/09/2015	11:22:38	0.143
17	01/09/2015	11:37:38	0.178
18	01/09/2015	11:52:38	0.117
19	01/09/2015	12:07:38	0.098
20	01/09/2015	12:22:38	0.108
21	01/09/2015	12:37:38	0.158
22	01/09/2015	12:52:38	0.142
23	01/09/2015	13:07:38	0.113
24	01/09/2015	13:22:38	0.102
25	01/09/2015	13:37:38	0.105
26	01/09/2015	13:52:38	0.103
27	01/09/2015	14:07:38	0.106
28	01/09/2015	14:22:38	0.090

Monitoring Results / Reports  
(Saturday, January 10, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX-44 – UNDERGROUND PIPE PROJECT	8530141008	UPWIND
EX-44 – UNDERGROUND PIPE PROJECT	8533133501	DOWNWIND 1
EX-44 – UNDERGROUND PIPE PROJECT	8530141712	DOWNWIND 2



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# Test 055

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/10/2015
Instrument S/N	8530141008	Start Time	10:06:40
		Stop Date	01/10/2015
		Stop Time	17:21:40
		Total Time	0:07:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/10/2015	10:21:40	0.112
2	01/10/2015	10:36:40	0.105
3	01/10/2015	10:51:40	0.089
4	01/10/2015	11:06:40	0.083
5	01/10/2015	11:21:40	0.088
6	01/10/2015	11:36:40	0.105
7	01/10/2015	11:51:40	0.105
8	01/10/2015	12:06:40	0.098
9	01/10/2015	12:21:40	0.096
10	01/10/2015	12:36:40	0.129
11	01/10/2015	12:51:40	0.119
12	01/10/2015	13:06:40	0.107
13	01/10/2015	13:21:40	0.105
14	01/10/2015	13:36:40	0.094
15	01/10/2015	13:51:40	0.100
16	01/10/2015	14:06:40	0.097
17	01/10/2015	14:21:40	0.097
18	01/10/2015	14:36:40	0.103
19	01/10/2015	14:51:40	0.100
20	01/10/2015	15:06:40	0.080
21	01/10/2015	15:21:40	0.089
22	01/10/2015	15:36:40	0.086
23	01/10/2015	15:51:40	0.079
24	01/10/2015	16:06:40	0.076
25	01/10/2015	16:21:40	0.079
26	01/10/2015	16:36:40	0.088
27	01/10/2015	16:51:40	0.092
28	01/10/2015	17:06:40	0.099
29	01/10/2015	17:21:40	0.101

# Test 057

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	01/10/2015
Instrument S/N	8533133501	Start Time	10:05:07
		Stop Date	01/10/2015
		Stop Time	17:20:07
		Total Time	0:07:15:00
		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	01/10/2015	10:20:07	0.085	0.088	0.089	0.091	0.092
2	01/10/2015	10:35:07	0.059	0.060	0.061	0.063	0.063
3	01/10/2015	10:50:07	0.048	0.049	0.050	0.051	0.051
4	01/10/2015	11:05:07	0.044	0.044	0.045	0.046	0.046
5	01/10/2015	11:20:07	0.046	0.046	0.047	0.048	0.048
6	01/10/2015	11:35:07	0.059	0.060	0.060	0.062	0.062
7	01/10/2015	11:50:07	0.059	0.060	0.061	0.062	0.062
8	01/10/2015	12:05:07	0.055	0.056	0.056	0.057	0.057
9	01/10/2015	12:20:07	0.052	0.053	0.053	0.054	0.054
10	01/10/2015	12:35:07	0.051	0.051	0.052	0.052	0.052
11	01/10/2015	12:50:07	0.057	0.058	0.058	0.059	0.059
12	01/10/2015	13:05:07	0.059	0.060	0.060	0.061	0.061
13	01/10/2015	13:20:07	0.054	0.055	0.056	0.056	0.056
14	01/10/2015	13:35:07	0.052	0.052	0.053	0.053	0.053
15	01/10/2015	13:50:07	0.057	0.058	0.058	0.059	0.060
16	01/10/2015	14:05:07	0.056	0.056	0.057	0.058	0.058
17	01/10/2015	14:20:07	0.056	0.056	0.057	0.057	0.058
18	01/10/2015	14:35:07	0.058	0.058	0.059	0.059	0.059
19	01/10/2015	14:50:07	0.062	0.062	0.063	0.063	0.064
20	01/10/2015	15:05:07	0.045	0.045	0.045	0.046	0.046
21	01/10/2015	15:20:07	0.047	0.047	0.048	0.048	0.048
22	01/10/2015	15:35:07	0.047	0.048	0.048	0.049	0.049
23	01/10/2015	15:50:07	0.041	0.041	0.042	0.042	0.042
24	01/10/2015	16:05:07	0.040	0.040	0.041	0.041	0.041
25	01/10/2015	16:20:07	0.042	0.043	0.043	0.044	0.044
26	01/10/2015	16:35:07	0.048	0.048	0.049	0.049	0.049
27	01/10/2015	16:50:07	0.052	0.052	0.053	0.053	0.053
28	01/10/2015	17:05:07	0.054	0.055	0.055	0.056	0.056
29	01/10/2015	17:20:07	0.057	0.058	0.059	0.059	0.059



# Test 017

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/10/2015
Instrument S/N	8530141712	Start Time	10:02:33
		Stop Date	01/10/2015
		Stop Time	17:17:33
		Total Time	0:07:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/10/2015	10:17:33	0.134
2	01/10/2015	10:32:33	0.167
3	01/10/2015	10:47:33	0.107
4	01/10/2015	11:02:33	0.090
5	01/10/2015	11:17:33	0.088
6	01/10/2015	11:32:33	0.114
7	01/10/2015	11:47:33	0.119
8	01/10/2015	12:02:33	0.114
9	01/10/2015	12:17:33	0.105
10	01/10/2015	12:32:33	0.103
11	01/10/2015	12:47:33	0.112
12	01/10/2015	13:02:33	0.120
13	01/10/2015	13:17:33	0.113
14	01/10/2015	13:32:33	0.101
15	01/10/2015	13:47:33	0.115
16	01/10/2015	14:02:33	0.111
17	01/10/2015	14:17:33	0.111
18	01/10/2015	14:32:33	0.114
19	01/10/2015	14:47:33	0.122
20	01/10/2015	15:02:33	0.111
21	01/10/2015	15:17:33	0.093
22	01/10/2015	15:32:33	0.099
23	01/10/2015	15:47:33	0.088
24	01/10/2015	16:02:33	0.082
25	01/10/2015	16:17:33	0.088
26	01/10/2015	16:32:33	0.098
27	01/10/2015	16:47:33	0.107
28	01/10/2015	17:02:33	0.108
29	01/10/2015	17:17:33	0.122

Monitoring Results / Reports  
(Sunday, January 11, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX-44 – UNDERGROUND PIPE PROJECT	8530142303	UPWIND
EX-44 – UNDERGROUND PIPE PROJECT	8530100906	DOWNWIND 1
EX-44 – UNDERGROUND PIPE PROJECT	8530132205	DOWNWIND 2



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# Test 050

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/11/2015
Instrument S/N	8530142303	Start Time	07:07:30
		Stop Date	01/12/2015
		Stop Time	06:52:30
		Total Time	0:23:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/11/2015	07:22:30	0.196
2	01/11/2015	07:37:30	0.207
3	01/11/2015	07:52:30	0.207
4	01/11/2015	08:07:30	0.212
5	01/11/2015	08:22:30	0.193
6	01/11/2015	08:37:30	0.173
7	01/11/2015	08:52:30	0.150
8	01/11/2015	09:07:30	0.141
9	01/11/2015	09:22:30	0.135
10	01/11/2015	09:37:30	0.137
11	01/11/2015	09:52:30	0.139
12	01/11/2015	10:07:30	0.127
13	01/11/2015	10:22:30	0.122
14	01/11/2015	10:37:30	0.131
15	01/11/2015	10:52:30	0.129
16	01/11/2015	11:07:30	0.126
17	01/11/2015	11:22:30	0.114
18	01/11/2015	11:37:30	0.110
19	01/11/2015	11:52:30	0.105
20	01/11/2015	12:07:30	0.111
21	01/11/2015	12:22:30	0.124
22	01/11/2015	12:37:30	0.118
23	01/11/2015	12:52:30	0.114
24	01/11/2015	13:11:44	0.000
25	01/11/2015	13:22:30	0.032
26	01/11/2015	13:37:30	0.024
27	01/11/2015	13:52:30	0.021
28	01/11/2015	14:07:30	0.020
29	01/11/2015	14:22:30	0.018
30	01/11/2015	14:37:30	0.017
31	01/11/2015	14:52:30	0.018
32	01/11/2015	15:07:30	0.016
33	01/11/2015	15:22:30	0.016
34	01/11/2015	15:37:30	0.016
35	01/11/2015	15:52:30	0.016

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
36	01/11/2015	16:07:30	0.017
37	01/11/2015	16:22:30	0.017
38	01/11/2015	16:37:30	0.016
39	01/11/2015	16:52:30	0.015
40	01/11/2015	17:07:30	0.016
41	01/11/2015	17:22:30	0.016
42	01/11/2015	17:37:30	0.016
43	01/11/2015	17:52:30	0.016
44	01/11/2015	18:07:30	0.016
45	01/11/2015	18:22:30	0.016
46	01/11/2015	18:37:30	0.016
47	01/11/2015	18:52:30	0.016
48	01/11/2015	19:07:30	0.016
49	01/11/2015	19:22:30	0.016
50	01/11/2015	19:37:30	0.016
51	01/11/2015	19:52:30	0.016
52	01/11/2015	20:07:30	0.017
53	01/11/2015	20:22:30	0.018
54	01/11/2015	20:37:30	0.018
55	01/11/2015	20:52:30	0.018
56	01/11/2015	21:07:30	0.018
57	01/11/2015	21:22:30	0.018
58	01/11/2015	21:37:30	0.019
59	01/11/2015	21:52:30	0.020
60	01/11/2015	22:07:30	0.020
61	01/11/2015	22:22:30	0.020
62	01/11/2015	22:37:30	0.020
63	01/11/2015	22:52:30	0.021
64	01/11/2015	23:07:30	0.026
65	01/11/2015	23:22:30	0.029
66	01/11/2015	23:37:30	0.031
67	01/11/2015	23:52:30	0.037
68	01/12/2015	00:07:30	0.032
69	01/12/2015	00:22:30	0.034
70	01/12/2015	00:37:30	0.033
71	01/12/2015	00:52:30	0.030
72	01/12/2015	01:07:30	0.028
73	01/12/2015	01:22:30	0.034
74	01/12/2015	01:37:30	0.040
75	01/12/2015	01:52:30	0.039
76	01/12/2015	02:07:30	0.038
77	01/12/2015	02:22:30	0.033
78	01/12/2015	02:37:30	0.031
79	01/12/2015	02:52:30	0.030
80	01/12/2015	03:07:30	0.032
81	01/12/2015	03:22:30	0.034

<b>Test Data</b>			
<b>Data Point</b>	<b>Date</b>	<b>Time</b>	<b>AEROSOL mg/m<sup>3</sup></b>
82	01/12/2015	03:37:30	0.038
83	01/12/2015	03:52:30	0.040
84	01/12/2015	04:07:30	0.041
85	01/12/2015	04:22:30	0.040
86	01/12/2015	04:37:30	0.038
87	01/12/2015	04:52:30	0.034
88	01/12/2015	05:07:30	0.033
89	01/12/2015	05:22:30	0.032
90	01/12/2015	05:37:30	0.032
91	01/12/2015	05:52:30	0.031
92	01/12/2015	06:07:30	0.030
93	01/12/2015	06:22:30	0.030
94	01/12/2015	06:37:30	0.031
95	01/12/2015	06:52:30	0.032

# Test 068

ERROR: FLOW,

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/11/2015
Instrument S/N	8530100906	Start Time	07:04:38
		Stop Date	01/12/2015
		Stop Time	00:19:38
		Total Time	0:17:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/11/2015	07:19:38	0.096
2	01/11/2015	07:34:38	0.095
3	01/11/2015	07:49:38	0.099
4	01/11/2015	08:04:38	0.099
5	01/11/2015	08:19:38	0.096
6	01/11/2015	08:34:38	0.086
7	01/11/2015	08:49:38	0.074
8	01/11/2015	09:04:38	0.068
9	01/11/2015	09:19:38	0.068
10	01/11/2015	09:34:38	0.071
11	01/11/2015	09:49:38	0.074
12	01/11/2015	10:04:38	0.068
13	01/11/2015	10:19:38	0.065
14	01/11/2015	10:34:38	0.068
15	01/11/2015	10:49:38	0.068
16	01/11/2015	11:04:38	0.064
17	01/11/2015	11:19:38	0.058
18	01/11/2015	11:34:38	0.058
19	01/11/2015	11:49:38	0.054
20	01/11/2015	12:04:38	0.055
21	01/11/2015	12:19:38	0.062
22	01/11/2015	12:34:38	0.060
23	01/11/2015	12:49:38	0.056
24	01/11/2015	13:07:27	0.000
25	01/11/2015	13:19:38	0.010
26	01/11/2015	13:34:38	0.008
27	01/11/2015	13:49:38	0.007
28	01/11/2015	14:04:38	0.006
29	01/11/2015	14:19:38	0.006
30	01/11/2015	14:34:38	0.004
31	01/11/2015	14:49:38	0.004
32	01/11/2015	15:04:38	0.004
33	01/11/2015	15:19:38	0.004
34	01/11/2015	15:34:38	0.004

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
35	01/11/2015	15:49:38	0.006
36	01/11/2015	16:04:38	0.004
37	01/11/2015	16:19:38	0.004
38	01/11/2015	16:34:38	0.003
39	01/11/2015	16:49:38	0.003
40	01/11/2015	17:04:38	0.004
41	01/11/2015	17:19:38	0.003
42	01/11/2015	17:34:38	0.004
43	01/11/2015	17:49:38	0.003
44	01/11/2015	18:04:38	0.004
45	01/11/2015	18:19:38	0.004
46	01/11/2015	18:34:38	0.004
47	01/11/2015	18:49:38	0.004
48	01/11/2015	19:04:38	0.004
49	01/11/2015	19:19:38	0.004
50	01/11/2015	19:34:38	0.004
51	01/11/2015	19:49:38	0.004
52	01/11/2015	20:04:38	0.004
53	01/11/2015	20:19:38	0.005
54	01/11/2015	20:34:38	0.005
55	01/11/2015	20:49:38	0.005
56	01/11/2015	21:04:38	0.005
57	01/11/2015	21:19:38	0.005
58	01/11/2015	21:34:38	0.006
59	01/11/2015	21:49:38	0.007
60	01/11/2015	22:04:38	0.006
61	01/11/2015	22:19:38	0.006
62	01/11/2015	22:34:38	0.007
63	01/11/2015	22:49:38	0.007
64	01/11/2015	23:04:38	0.010
65	01/11/2015	23:19:38	0.011
66	01/11/2015	23:34:38	0.013
67	01/11/2015	23:49:38	0.015
68	01/12/2015	00:04:38	0.013
69	01/12/2015	00:19:38	0.005

# Test 026

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/11/2015
Instrument S/N	8530132205	Start Time	07:07:32
		Stop Date	01/12/2015
		Stop Time	06:52:32
		Total Time	0:23:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/11/2015	07:22:32	0.129
2	01/11/2015	07:37:32	0.127
3	01/11/2015	07:52:32	0.134
4	01/11/2015	08:07:32	0.135
5	01/11/2015	08:22:32	0.132
6	01/11/2015	08:37:32	0.119
7	01/11/2015	08:52:32	0.103
8	01/11/2015	09:07:32	0.096
9	01/11/2015	09:22:32	0.094
10	01/11/2015	09:37:32	0.096
11	01/11/2015	09:52:32	0.099
12	01/11/2015	10:07:32	0.092
13	01/11/2015	10:22:32	0.087
14	01/11/2015	10:37:32	0.092
15	01/11/2015	10:52:32	0.092
16	01/11/2015	11:07:32	0.088
17	01/11/2015	11:22:32	0.080
18	01/11/2015	11:37:32	0.079
19	01/11/2015	11:52:32	0.074
20	01/11/2015	12:07:32	0.076
21	01/11/2015	12:22:32	0.085
22	01/11/2015	12:37:32	0.083
23	01/11/2015	12:52:32	0.081
24	01/11/2015	13:11:54	0.000
25	01/11/2015	13:22:32	0.017
26	01/11/2015	13:37:32	0.013
27	01/11/2015	13:52:32	0.012
28	01/11/2015	14:07:32	0.011
29	01/11/2015	14:22:32	0.010
30	01/11/2015	14:37:32	0.009
31	01/11/2015	14:52:32	0.010
32	01/11/2015	15:07:32	0.009
33	01/11/2015	15:22:32	0.009
34	01/11/2015	15:37:32	0.009
35	01/11/2015	15:52:32	0.011

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
36	01/11/2015	16:07:32	0.010
37	01/11/2015	16:22:32	0.009
38	01/11/2015	16:37:32	0.009
39	01/11/2015	16:52:32	0.008
40	01/11/2015	17:07:32	0.009
41	01/11/2015	17:22:32	0.009
42	01/11/2015	17:37:32	0.009
43	01/11/2015	17:52:32	0.009
44	01/11/2015	18:07:32	0.009
45	01/11/2015	18:22:32	0.010
46	01/11/2015	18:37:32	0.010
47	01/11/2015	18:52:32	0.010
48	01/11/2015	19:07:32	0.010
49	01/11/2015	19:22:32	0.010
50	01/11/2015	19:37:32	0.010
51	01/11/2015	19:52:32	0.010
52	01/11/2015	20:07:32	0.011
53	01/11/2015	20:22:32	0.012
54	01/11/2015	20:37:32	0.012
55	01/11/2015	20:52:32	0.012
56	01/11/2015	21:07:32	0.012
57	01/11/2015	21:22:32	0.012
58	01/11/2015	21:37:32	0.012
59	01/11/2015	21:52:32	0.014
60	01/11/2015	22:07:32	0.013
61	01/11/2015	22:22:32	0.014
62	01/11/2015	22:37:32	0.014
63	01/11/2015	22:52:32	0.014
64	01/11/2015	23:07:32	0.018
65	01/11/2015	23:22:32	0.020
66	01/11/2015	23:37:32	0.023
67	01/11/2015	23:52:32	0.026
68	01/12/2015	00:07:32	0.024
69	01/12/2015	00:22:32	0.025
70	01/12/2015	00:37:32	0.024
71	01/12/2015	00:52:32	0.022
72	01/12/2015	01:07:32	0.021
73	01/12/2015	01:22:32	0.024
74	01/12/2015	01:37:32	0.029
75	01/12/2015	01:52:32	0.029
76	01/12/2015	02:07:32	0.029
77	01/12/2015	02:22:32	0.025
78	01/12/2015	02:37:32	0.023
79	01/12/2015	02:52:32	0.023
80	01/12/2015	03:07:32	0.025
81	01/12/2015	03:22:32	0.026

<b>Test Data</b>			
<b>Data Point</b>	<b>Date</b>	<b>Time</b>	<b>AEROSOL mg/m<sup>3</sup></b>
82	01/12/2015	03:37:32	0.029
83	01/12/2015	03:52:32	0.030
84	01/12/2015	04:07:32	0.031
85	01/12/2015	04:22:32	0.030
86	01/12/2015	04:37:32	0.029
87	01/12/2015	04:52:32	0.026
88	01/12/2015	05:07:32	0.024
89	01/12/2015	05:22:32	0.024
90	01/12/2015	05:37:32	0.023
91	01/12/2015	05:52:32	0.022
92	01/12/2015	06:07:32	0.022
93	01/12/2015	06:22:32	0.022
94	01/12/2015	06:37:32	0.022
95	01/12/2015	06:52:32	0.023



Monitoring Results / Reports  
(Monday, January 12, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX-44 – UNDERGROUND PIPE PROJECT	8533133501	UPWIND
EX-44 – UNDERGROUND PIPE PROJECT	8530132205	UPWIND
EX-44 – UNDERGROUND PIPE PROJECT	8530142303	DOWNWIND 1
EX-44 – UNDERGROUND PIPE PROJECT	8530110315	DOWNWIND 1
EX-44 – UNDERGROUND PIPE PROJECT	8533132902	DOWNWIND 2



Exide Technologies  
2700 Indiana Street  
Vernon, CA 90058

1/12/2015 Work Area Ex 44 -  
Underground Pipe Project

# Test 058

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	01/12/2015
Instrument S/N	8533133501	Start Time	08:22:41
		Stop Date	01/12/2015
		Stop Time	22:22:41
		Total Time	0:14:00:00
		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	01/12/2015	08:37:41	0.120	0.123	0.125	0.130	0.130
2	01/12/2015	08:52:41	0.131	0.136	0.138	0.143	0.143
3	01/12/2015	09:07:41	0.140	0.145	0.148	0.160	0.161
4	01/12/2015	09:22:41	0.128	0.132	0.133	0.134	0.135
5	01/12/2015	09:37:41	0.113	0.115	0.116	0.117	0.117
6	01/12/2015	09:52:41	0.106	0.108	0.108	0.109	0.109
7	01/12/2015	10:07:41	0.112	0.114	0.114	0.115	0.115
8	01/12/2015	10:22:41	0.105	0.106	0.107	0.107	0.107
9	01/12/2015	10:37:41	0.096	0.097	0.097	0.098	0.098
10	01/12/2015	10:52:41	0.090	0.091	0.091	0.092	0.092
11	01/12/2015	11:07:41	0.088	0.088	0.089	0.091	0.091
12	01/12/2015	11:22:41	0.079	0.080	0.080	0.081	0.081
13	01/12/2015	11:37:41	0.073	0.073	0.074	0.074	0.075
14	01/12/2015	11:52:41	0.066	0.066	0.066	0.067	0.067
15	01/12/2015	12:07:41	0.070	0.071	0.071	0.071	0.071
16	01/12/2015	12:22:41	0.070	0.070	0.071	0.071	0.071
17	01/12/2015	12:37:41	0.070	0.071	0.071	0.071	0.072
18	01/12/2015	12:52:41	0.071	0.072	0.072	0.073	0.073
19	01/12/2015	20:55:01	0.000	0.000	0.000	0.000	0.000
20	01/12/2015	21:07:41	0.010	0.010	0.010	0.013	0.016
21	01/12/2015	21:22:41	0.008	0.008	0.008	0.008	0.009
22	01/12/2015	21:37:41	0.007	0.007	0.008	0.008	0.008
23	01/12/2015	21:52:41	0.008	0.008	0.008	0.008	0.008
24	01/12/2015	22:07:41	0.008	0.008	0.008	0.008	0.008
25	01/12/2015	22:22:41	0.009	0.009	0.009	0.009	0.009

# Test 027

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/12/2015
Instrument S/N	8530132205	Start Time	14:22:51
		Stop Date	01/12/2015
		Stop Time	21:52:51
		Total Time	0:07:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/12/2015	14:37:51	0.127
2	01/12/2015	14:52:51	0.122
3	01/12/2015	15:07:51	0.117
4	01/12/2015	15:22:51	0.110
5	01/12/2015	15:37:51	0.106
6	01/12/2015	15:52:51	0.100
7	01/12/2015	16:07:51	0.096
8	01/12/2015	16:22:51	0.092
9	01/12/2015	16:37:51	0.082
10	01/12/2015	16:52:51	0.077
11	01/12/2015	17:07:51	0.080
12	01/12/2015	17:22:51	0.090
13	01/12/2015	17:37:51	0.096
14	01/12/2015	17:52:51	0.095
15	01/12/2015	18:07:51	0.100
16	01/12/2015	18:22:51	0.096
17	01/12/2015	18:37:51	0.099
18	01/12/2015	18:52:51	0.093
19	01/12/2015	19:07:51	0.087
20	01/12/2015	19:22:51	0.087
21	01/12/2015	19:37:51	0.095
22	01/12/2015	19:52:51	0.088
23	01/12/2015	20:07:51	0.090
24	01/12/2015	20:22:51	0.100
25	01/12/2015	20:37:51	0.096
26	01/12/2015	20:52:51	0.106
27	01/12/2015	21:07:51	0.105
28	01/12/2015	21:22:51	0.109
29	01/12/2015	21:37:51	0.107
30	01/12/2015	21:52:51	0.109

# Test 051

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/12/2015
Instrument S/N	8530142303	Start Time	08:16:33
		Stop Date	01/12/2015
		Stop Time	11:31:33
		Total Time	0:03:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/12/2015	08:31:33	0.165
2	01/12/2015	08:46:33	0.177
3	01/12/2015	09:01:33	0.190
4	01/12/2015	09:16:33	0.186
5	01/12/2015	09:31:33	0.172
6	01/12/2015	09:46:33	0.165
7	01/12/2015	10:01:33	0.169
8	01/12/2015	10:16:33	0.207
9	01/12/2015	10:31:33	0.150
10	01/12/2015	10:46:33	0.148
11	01/12/2015	11:01:33	0.137
12	01/12/2015	11:16:33	0.140
13	01/12/2015	11:31:33	0.127



# Test 038

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/12/2015
Instrument S/N	8530110315	Start Time	11:43:07
		Stop Date	01/12/2015
		Stop Time	21:43:07
		Total Time	0:10:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/12/2015	11:58:07	0.097
2	01/12/2015	12:13:07	0.099
3	01/12/2015	12:28:07	0.101
4	01/12/2015	12:43:07	0.105
5	01/12/2015	12:58:07	0.104
6	01/12/2015	13:13:07	0.107
7	01/12/2015	13:28:07	0.105
8	01/12/2015	13:43:07	0.102
9	01/12/2015	13:58:07	0.114
10	01/12/2015	14:13:07	0.117
11	01/12/2015	14:28:07	0.116
12	01/12/2015	14:43:07	0.115
13	01/12/2015	14:58:07	0.108
14	01/12/2015	15:13:07	0.105
15	01/12/2015	15:28:07	0.100
16	01/12/2015	15:43:07	0.096
17	01/12/2015	15:58:07	0.091
18	01/12/2015	16:13:07	0.085
19	01/12/2015	16:28:07	0.082
20	01/12/2015	16:43:07	0.075
21	01/12/2015	16:58:07	0.070
22	01/12/2015	17:13:07	0.082
23	01/12/2015	17:28:07	0.090
24	01/12/2015	17:43:07	0.095
25	01/12/2015	17:58:07	0.096
26	01/12/2015	18:13:07	0.099
27	01/12/2015	18:28:07	0.098
28	01/12/2015	18:43:07	0.099
29	01/12/2015	18:58:07	0.093
30	01/12/2015	19:13:07	0.089
31	01/12/2015	19:28:07	0.092
32	01/12/2015	19:43:07	0.095
33	01/12/2015	19:58:07	0.095
34	01/12/2015	20:13:07	0.099
35	01/12/2015	20:28:07	0.107

<b>Test Data</b>			
<b>Data Point</b>	<b>Date</b>	<b>Time</b>	<b>AEROSOL mg/m<sup>3</sup></b>
36	01/12/2015	20:43:07	0.106
37	01/12/2015	20:58:07	0.113
38	01/12/2015	21:13:07	0.116
39	01/12/2015	21:28:07	0.116
40	01/12/2015	21:43:07	0.124

# Test 050

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	01/12/2015
Instrument S/N	8533132902	Start Time	08:04:50
		Stop Date	01/12/2015
		Stop Time	21:49:50
		Total Time	0:13:45:00
		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	01/12/2015	08:19:50	0.094	0.097	0.099	0.101	0.101
2	01/12/2015	08:34:50	0.107	0.111	0.113	0.115	0.115
3	01/12/2015	08:49:50	0.116	0.122	0.123	0.125	0.125
4	01/12/2015	09:04:50	0.120	0.126	0.128	0.129	0.129
5	01/12/2015	09:19:50	0.111	0.115	0.116	0.116	0.116
6	01/12/2015	09:34:50	0.108	0.112	0.112	0.112	0.112
7	01/12/2015	09:49:50	0.104	0.107	0.108	0.108	0.108
8	01/12/2015	10:04:50	0.112	0.116	0.116	0.116	0.117
9	01/12/2015	10:19:50	0.110	0.113	0.113	0.113	0.113
10	01/12/2015	10:34:50	0.098	0.100	0.100	0.101	0.101
11	01/12/2015	10:49:50	0.094	0.096	0.096	0.097	0.097
12	01/12/2015	11:04:50	0.087	0.089	0.089	0.090	0.090
13	01/12/2015	11:19:50	0.082	0.083	0.084	0.084	0.084
14	01/12/2015	11:34:50	0.078	0.079	0.079	0.079	0.079
15	01/12/2015	11:49:50	0.070	0.071	0.071	0.071	0.071
16	01/12/2015	12:04:50	0.074	0.075	0.075	0.075	0.075
17	01/12/2015	12:19:50	0.074	0.075	0.076	0.076	0.076
18	01/12/2015	12:34:50	0.074	0.075	0.075	0.075	0.075
19	01/12/2015	12:49:50	0.077	0.078	0.079	0.079	0.079
20	01/12/2015	13:04:50	0.077	0.078	0.078	0.079	0.079
21	01/12/2015	13:19:50	0.080	0.081	0.081	0.081	0.081
22	01/12/2015	13:34:50	0.073	0.074	0.074	0.075	0.075
23	01/12/2015	13:49:50	0.079	0.080	0.081	0.081	0.081
24	01/12/2015	14:04:50	0.086	0.087	0.088	0.088	0.088
25	01/12/2015	14:19:50	0.088	0.089	0.089	0.089	0.089
26	01/12/2015	14:34:50	0.087	0.088	0.088	0.088	0.089
27	01/12/2015	14:49:50	0.086	0.087	0.087	0.088	0.088
28	01/12/2015	15:04:50	0.081	0.082	0.082	0.083	0.083
29	01/12/2015	15:19:50	0.078	0.079	0.079	0.080	0.080
30	01/12/2015	15:34:50	0.075	0.076	0.076	0.077	0.077
31	01/12/2015	15:49:50	0.071	0.072	0.073	0.073	0.073
32	01/12/2015	16:04:50	0.067	0.068	0.068	0.069	0.069
33	01/12/2015	16:19:50	0.064	0.065	0.065	0.066	0.066
34	01/12/2015	16:34:50	0.056	0.057	0.057	0.058	0.058
35	01/12/2015	16:49:50	0.052	0.053	0.053	0.054	0.054



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>
36	01/12/2015	17:04:50	0.052	0.053	0.053	0.054	0.054
37	01/12/2015	17:19:50	0.060	0.062	0.062	0.064	0.064
38	01/12/2015	17:34:50	0.066	0.068	0.068	0.069	0.069
39	01/12/2015	17:49:50	0.066	0.067	0.068	0.068	0.068
40	01/12/2015	18:04:50	0.068	0.070	0.070	0.071	0.071
41	01/12/2015	18:19:50	0.067	0.068	0.069	0.069	0.069
42	01/12/2015	18:34:50	0.069	0.070	0.071	0.072	0.072
43	01/12/2015	18:49:50	0.067	0.068	0.069	0.069	0.070
44	01/12/2015	19:04:50	0.062	0.064	0.064	0.065	0.065
45	01/12/2015	19:19:50	0.062	0.063	0.064	0.065	0.065
46	01/12/2015	19:34:50	0.064	0.065	0.066	0.066	0.066
47	01/12/2015	19:49:50	0.062	0.064	0.064	0.065	0.065
48	01/12/2015	20:04:50	0.065	0.066	0.067	0.068	0.068
49	01/12/2015	20:19:50	0.074	0.075	0.076	0.077	0.077
50	01/12/2015	20:34:50	0.074	0.075	0.076	0.077	0.077
51	01/12/2015	20:49:50	0.079	0.081	0.082	0.083	0.083
52	01/12/2015	21:04:50	0.082	0.084	0.085	0.086	0.086
53	01/12/2015	21:19:50	0.086	0.088	0.089	0.091	0.091
54	01/12/2015	21:34:50	0.086	0.088	0.089	0.091	0.091
55	01/12/2015	21:49:50	0.091	0.094	0.095	0.097	0.097

Monitoring Results / Reports  
(Tuesday, January 13, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX-44 – UNDERGROUND PIPE PROJECT TENT #1	8533133501	UPWIND
EX-44 – UNDERGROUND PIPE PROJECT TENT #1	8530141712	DOWNWIND 1
EX-44 – UNDERGROUND PIPE PROJECT TENT #1	8530142303	DOWNWIND 2

ACTIVITY	SERIAL NUMBER	LOCATION
EX-44 – UNDERGROUND PIPE PROJECT TENT #3	8530141008	UPWIND
EX-44 – UNDERGROUND PIPE PROJECT TENT #3	8530132205	DOWNWIND 1
EX-44 – UNDERGROUND PIPE PROJECT TENT #3	8530113011	DOWNWIND 2



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# Test 059

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	01/13/2015
Instrument S/N	8533133501	Start Time	08:27:58
		Stop Date	01/13/2015
		Stop Time	13:42:58
		Total Time	0:05:15:00
		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	01/13/2015	08:42:58	0.107	0.108	0.108	0.109	0.109
2	01/13/2015	08:57:58	0.109	0.110	0.111	0.112	0.112
3	01/13/2015	09:12:58	0.111	0.112	0.112	0.113	0.114
4	01/13/2015	09:27:58	0.116	0.117	0.117	0.118	0.119
5	01/13/2015	09:42:58	0.121	0.122	0.122	0.123	0.124
6	01/13/2015	09:57:58	0.124	0.124	0.125	0.126	0.126
7	01/13/2015	10:12:58	0.128	0.129	0.130	0.131	0.131
8	01/13/2015	10:27:58	0.125	0.125	0.126	0.127	0.128
9	01/13/2015	10:42:58	0.117	0.118	0.119	0.120	0.120
10	01/13/2015	10:57:58	0.117	0.117	0.118	0.119	0.119
11	01/13/2015	11:12:58	0.106	0.106	0.107	0.108	0.108
12	01/13/2015	11:27:58	0.102	0.103	0.103	0.104	0.105
13	01/13/2015	11:42:58	0.090	0.090	0.091	0.091	0.092
14	01/13/2015	11:57:58	0.076	0.076	0.077	0.077	0.077
15	01/13/2015	12:12:58	0.074	0.075	0.075	0.076	0.076
16	01/13/2015	12:27:58	0.077	0.077	0.078	0.079	0.079
17	01/13/2015	12:42:58	0.077	0.077	0.077	0.078	0.078
18	01/13/2015	12:57:58	0.075	0.075	0.076	0.077	0.077
19	01/13/2015	13:12:58	0.077	0.077	0.078	0.079	0.079
20	01/13/2015	13:27:58	0.070	0.070	0.071	0.072	0.072
21	01/13/2015	13:42:58	0.068	0.068	0.069	0.070	0.070

# Test 018

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/13/2015
Instrument S/N	8530141712	Start Time	08:23:32
		Stop Date	01/13/2015
		Stop Time	13:53:32
		Total Time	0:05:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/13/2015	08:38:32	0.173
2	01/13/2015	08:53:32	0.176
3	01/13/2015	09:08:32	0.174
4	01/13/2015	09:23:32	0.181
5	01/13/2015	09:38:32	0.185
6	01/13/2015	09:53:32	0.191
7	01/13/2015	10:08:32	0.192
8	01/13/2015	10:23:32	0.196
9	01/13/2015	10:38:32	0.184
10	01/13/2015	10:53:32	0.181
11	01/13/2015	11:08:32	0.172
12	01/13/2015	11:23:32	0.169
13	01/13/2015	11:38:32	0.157
14	01/13/2015	11:53:32	0.126
15	01/13/2015	12:08:32	0.123
16	01/13/2015	12:23:32	0.121
17	01/13/2015	12:38:32	0.129
18	01/13/2015	12:53:32	0.128
19	01/13/2015	13:08:32	0.131
20	01/13/2015	13:23:32	0.126
21	01/13/2015	13:38:32	0.115
22	01/13/2015	13:53:32	0.122



# Test 052

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/13/2015
Instrument S/N	8530142303	Start Time	08:34:13
		Stop Date	01/13/2015
		Stop Time	13:49:13
		Total Time	0:05:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/13/2015	08:49:13	0.179
2	01/13/2015	09:04:13	0.184
3	01/13/2015	09:19:13	0.189
4	01/13/2015	09:34:13	0.194
5	01/13/2015	09:49:13	0.200
6	01/13/2015	10:04:13	0.194
7	01/13/2015	10:19:13	0.198
8	01/13/2015	10:34:13	0.186
9	01/13/2015	10:49:13	0.178
10	01/13/2015	11:04:13	0.170
11	01/13/2015	11:19:13	0.162
12	01/13/2015	11:34:13	0.151
13	01/13/2015	11:49:13	0.120
14	01/13/2015	12:04:13	0.113
15	01/13/2015	12:19:13	0.110
16	01/13/2015	12:34:13	0.119
17	01/13/2015	12:49:13	0.114
18	01/13/2015	13:04:13	0.116
19	01/13/2015	13:19:13	0.113
20	01/13/2015	13:34:13	0.101
21	01/13/2015	13:49:13	0.108

# Test 056

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/13/2015
Instrument S/N	8530141008	Start Time	16:37:49
		Stop Date	01/13/2015
		Stop Time	22:22:49
		Total Time	0:05:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/13/2015	16:52:49	0.081
2	01/13/2015	17:07:49	0.091
3	01/13/2015	17:22:49	0.091
4	01/13/2015	17:37:49	0.091
5	01/13/2015	17:52:49	0.087
6	01/13/2015	18:07:49	0.089
7	01/13/2015	18:22:49	0.096
8	01/13/2015	18:37:49	0.103
9	01/13/2015	18:52:49	0.108
10	01/13/2015	19:07:49	0.109
11	01/13/2015	19:22:49	0.110
12	01/13/2015	19:37:49	0.123
13	01/13/2015	19:52:49	0.152
14	01/13/2015	20:07:49	0.148
15	01/13/2015	20:22:49	0.131
16	01/13/2015	20:37:49	0.149
17	01/13/2015	20:52:49	0.141
18	01/13/2015	21:07:49	0.131
19	01/13/2015	21:22:49	0.127
20	01/13/2015	21:37:49	0.139
21	01/13/2015	21:52:49	0.113
22	01/13/2015	22:07:49	0.080
23	01/13/2015	22:22:49	0.072

# Test 028

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/13/2015
Instrument S/N	8530132205	Start Time	16:42:59
		Stop Date	01/13/2015
		Stop Time	22:27:59
		Total Time	0:05:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/13/2015	16:57:59	0.082
2	01/13/2015	17:12:59	0.089
3	01/13/2015	17:27:59	0.087
4	01/13/2015	17:42:59	0.083
5	01/13/2015	17:57:59	0.083
6	01/13/2015	18:12:59	0.085
7	01/13/2015	18:27:59	0.093
8	01/13/2015	18:42:59	0.098
9	01/13/2015	18:57:59	0.102
10	01/13/2015	19:12:59	0.103
11	01/13/2015	19:27:59	0.104
12	01/13/2015	19:42:59	0.110
13	01/13/2015	19:57:59	0.103
14	01/13/2015	20:12:59	0.145
15	01/13/2015	20:27:59	0.121
16	01/13/2015	20:42:59	0.162
17	01/13/2015	20:57:59	0.121
18	01/13/2015	21:12:59	0.125
19	01/13/2015	21:27:59	0.138
20	01/13/2015	21:42:59	0.147
21	01/13/2015	21:57:59	0.099
22	01/13/2015	22:12:59	0.080
23	01/13/2015	22:27:59	0.074



# Test 060

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/13/2015
Instrument S/N	8530113011	Start Time	16:41:34
		Stop Date	01/13/2015
		Stop Time	22:26:34
		Total Time	0:05:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/13/2015	16:56:34	0.068
2	01/13/2015	17:11:34	0.077
3	01/13/2015	17:26:34	0.076
4	01/13/2015	17:41:34	0.075
5	01/13/2015	17:56:34	0.073
6	01/13/2015	18:11:34	0.076
7	01/13/2015	18:26:34	0.082
8	01/13/2015	18:41:34	0.087
9	01/13/2015	18:56:34	0.091
10	01/13/2015	19:11:34	0.091
11	01/13/2015	19:26:34	0.094
12	01/13/2015	19:41:34	0.345
13	01/13/2015	19:56:34	0.102
14	01/13/2015	20:11:34	0.125
15	01/13/2015	20:26:34	0.105
16	01/13/2015	20:41:34	0.114
17	01/13/2015	20:56:34	0.135
18	01/13/2015	21:11:34	0.130
19	01/13/2015	21:26:34	0.118
20	01/13/2015	21:41:34	0.121
21	01/13/2015	21:56:34	0.082
22	01/13/2015	22:11:34	0.068
23	01/13/2015	22:26:34	0.061

Monitoring Results / Reports  
(Wednesday, January 14, 2015)

ACTIVITY	SERIAL NUMBER	LOCATION
EX-44 – UNDERGROUND PIPE PROJECT TENT#3	8530141008	UPWIND
EX-44 – UNDERGROUND PIPE PROJECT TENT#3	8530113011	DOWNWIND 1
EX-44 – UNDERGROUND PIPE PROJECT TENT#3	8530132205	DOWNWIND 2



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# Test 057

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/14/2015
Instrument S/N	8530141008	Start Time	08:14:56
		Stop Date	01/14/2015
		Stop Time	20:29:56
		Total Time	0:12:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/14/2015	08:29:56	0.044
2	01/14/2015	08:44:56	0.036
3	01/14/2015	08:59:56	0.030
4	01/14/2015	09:14:56	0.023
5	01/14/2015	09:29:56	0.025
6	01/14/2015	09:44:56	0.025
7	01/14/2015	09:59:56	0.023
8	01/14/2015	10:14:56	0.021
9	01/14/2015	10:29:56	0.018
10	01/14/2015	10:44:56	0.023
11	01/14/2015	10:59:56	0.019
12	01/14/2015	11:14:56	0.026
13	01/14/2015	11:29:56	0.017
14	01/14/2015	11:44:56	0.015
15	01/14/2015	11:59:56	0.012
16	01/14/2015	12:14:56	0.009
17	01/14/2015	12:29:56	0.011
18	01/14/2015	12:44:56	0.011
19	01/14/2015	12:59:56	0.012
20	01/14/2015	13:14:56	0.012
21	01/14/2015	13:29:56	0.011
22	01/14/2015	13:44:56	0.012
23	01/14/2015	13:59:56	0.010
24	01/14/2015	14:14:56	0.010
25	01/14/2015	14:29:56	0.010
26	01/14/2015	14:44:56	0.009
27	01/14/2015	14:59:56	0.008
28	01/14/2015	15:14:56	0.008
29	01/14/2015	15:29:56	0.007
30	01/14/2015	15:44:56	0.006
31	01/14/2015	15:59:56	0.008
32	01/14/2015	16:14:56	0.007
33	01/14/2015	16:29:56	0.007
34	01/14/2015	16:44:56	0.011
35	01/14/2015	16:59:56	0.031

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
36	01/14/2015	17:14:56	0.015
37	01/14/2015	17:29:56	0.014
38	01/14/2015	17:44:56	0.014
39	01/14/2015	17:59:56	0.016
40	01/14/2015	18:14:56	0.015
41	01/14/2015	18:29:56	0.015
42	01/14/2015	18:44:56	0.017
43	01/14/2015	18:59:56	0.018
44	01/14/2015	19:14:56	0.018
45	01/14/2015	19:29:56	0.016
46	01/14/2015	19:44:56	0.023
47	01/14/2015	19:59:56	0.029
48	01/14/2015	20:14:56	0.039
49	01/14/2015	20:29:56	0.033



# Test 061

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/14/2015
Instrument S/N	8530113011	Start Time	08:04:10
		Stop Date	01/14/2015
		Stop Time	20:34:10
		Total Time	0:12:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/14/2015	08:19:10	0.035
2	01/14/2015	08:34:10	0.038
3	01/14/2015	08:49:10	0.029
4	01/14/2015	09:04:10	0.026
5	01/14/2015	09:19:10	0.020
6	01/14/2015	09:34:10	0.024
7	01/14/2015	09:49:10	0.023
8	01/14/2015	10:04:10	0.023
9	01/14/2015	10:19:10	0.023
10	01/14/2015	10:34:10	0.024
11	01/14/2015	10:49:10	0.024
12	01/14/2015	11:04:10	0.025
13	01/14/2015	11:19:10	0.028
14	01/14/2015	11:34:10	0.021
15	01/14/2015	11:49:10	0.020
16	01/14/2015	12:04:10	0.018
17	01/14/2015	12:19:10	0.016
18	01/14/2015	12:34:10	0.018
19	01/14/2015	12:49:10	0.019
20	01/14/2015	13:04:10	0.019
21	01/14/2015	13:19:10	0.020
22	01/14/2015	13:34:10	0.019
23	01/14/2015	13:49:10	0.020
24	01/14/2015	14:04:10	0.019
25	01/14/2015	14:19:10	0.018
26	01/14/2015	14:34:10	0.016
27	01/14/2015	14:49:10	0.017
28	01/14/2015	15:04:10	0.016
29	01/14/2015	15:19:10	0.015
30	01/14/2015	15:34:10	0.013
31	01/14/2015	15:49:10	0.013
32	01/14/2015	16:04:10	0.014
33	01/14/2015	16:19:10	0.012
34	01/14/2015	16:34:10	0.012
35	01/14/2015	16:49:10	0.014



Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
36	01/14/2015	17:04:10	0.017
37	01/14/2015	17:19:10	0.014
38	01/14/2015	17:34:10	0.014
39	01/14/2015	17:49:10	0.014
40	01/14/2015	18:04:10	0.014
41	01/14/2015	18:19:10	0.013
42	01/14/2015	18:34:10	0.015
43	01/14/2015	18:49:10	0.014
44	01/14/2015	19:04:10	0.016
45	01/14/2015	19:19:10	0.015
46	01/14/2015	19:34:10	0.013
47	01/14/2015	19:49:10	0.017
48	01/14/2015	20:04:10	0.018
49	01/14/2015	20:19:10	0.028
50	01/14/2015	20:34:10	0.026

# Test 029

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/14/2015
Instrument S/N	8530132205	Start Time	08:06:14
		Stop Date	01/14/2015
		Stop Time	20:36:14
		Total Time	0:12:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
1	01/14/2015	08:21:14	0.042
2	01/14/2015	08:36:14	0.039
3	01/14/2015	08:51:14	0.034
4	01/14/2015	09:06:14	0.027
5	01/14/2015	09:21:14	0.026
6	01/14/2015	09:36:14	0.029
7	01/14/2015	09:51:14	0.025
8	01/14/2015	10:06:14	0.027
9	01/14/2015	10:21:14	0.023
10	01/14/2015	10:36:14	0.026
11	01/14/2015	10:51:14	0.025
12	01/14/2015	11:06:14	0.028
13	01/14/2015	11:21:14	0.026
14	01/14/2015	11:36:14	0.020
15	01/14/2015	11:51:14	0.018
16	01/14/2015	12:06:14	0.017
17	01/14/2015	12:21:14	0.015
18	01/14/2015	12:36:14	0.016
19	01/14/2015	12:51:14	0.017
20	01/14/2015	13:06:14	0.017
21	01/14/2015	13:21:14	0.017
22	01/14/2015	13:36:14	0.017
23	01/14/2015	13:51:14	0.017
24	01/14/2015	14:06:14	0.015
25	01/14/2015	14:21:14	0.015
26	01/14/2015	14:36:14	0.012
27	01/14/2015	14:51:14	0.013
28	01/14/2015	15:06:14	0.014
29	01/14/2015	15:21:14	0.011
30	01/14/2015	15:36:14	0.011
31	01/14/2015	15:51:14	0.011
32	01/14/2015	16:06:14	0.012
33	01/14/2015	16:21:14	0.010
34	01/14/2015	16:36:14	0.011
35	01/14/2015	16:51:14	0.017

Test Data			
Data Point	Date	Time	AEROSOL mg/m <sup>3</sup>
36	01/14/2015	17:06:14	0.017
37	01/14/2015	17:21:14	0.016
38	01/14/2015	17:36:14	0.017
39	01/14/2015	17:51:14	0.024
40	01/14/2015	18:06:14	0.036
41	01/14/2015	18:21:14	0.024
42	01/14/2015	18:36:14	0.019
43	01/14/2015	18:51:14	0.032
44	01/14/2015	19:06:14	0.024
45	01/14/2015	19:21:14	0.018
46	01/14/2015	19:36:14	0.021
47	01/14/2015	19:51:14	0.055
48	01/14/2015	20:06:14	0.104
49	01/14/2015	20:21:14	0.046
50	01/14/2015	20:36:14	0.052