

January 6, 2016

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CN: 15279

Ms. Cher Snyder  
 Assistant Deputy Executive Officer  
 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 # 67 (12/17/15 – 12/23/15)**

Dear Ms. Snyder,

Tetra Tech Inc. is pleased to present the following Weekly Status Report for the above referenced project. This report covers the period of December 17, 2015 through December 23, 2015.

**CURRENT ACTIVITIES WHERE PREVIOUSLY APPROVED MITIGATION MEASURES WERE FULLY IMPLEMENTED**

Major items of work performed by Exide and/or its contractor(s) (including specific mitigation measures) during this reporting period where mitigation measures were observed to be implemented in full compliance with the previously approved mitigation measures under the Mitigation Plan for RCRA RFI Sampling, and Other Plant Activities or other Mitigation Plans, as approved by the SCAQMD, at the site during this period include:

TASK ID	Major Work Item	Mitigation Measure(s)
EX83/4	RCRA RFI Soil Sampling	Temporary Enclosure Under Negative Pressure
EX106	Repair City Water Line at East Fence	Pre-cleaning and Wet Methods*
EX107	Install Risers of Stormwater Sensor Covers	Pre-cleaning and Wet Methods
EX108	Install Gutters and Spouts East	Pre-cleaning and Wet Methods
EX111	Replace WWTP Reactor Tank Mixers 2 & 4	Pre-cleaning and Wet Methods*

\* Dust Trak monitoring performed for this work item.

**RCRA RFI Soil Sampling**

No work occurred related to the RCRA RFI Soil Sampling. RCRA RFI Soil Sampling activities on the Exide property will continue once a revised scope of work to address changed field conditions is developed and approved by the regulatory agencies.

**Tetra Tech BAS, Inc.**

1360 Valley Vista Drive, Diamond Bar, CA 91765  
 Tel 909.860.7777 Fax 909.860.8017 www.tetrattech.com

### Repair City Water Line at East Fence

Hazard Backflow completed city water line repair activities on Monday, December 21, 2015. The working area was pre-cleaned, and repair activities were completed in accordance with the approved mitigation plan.

Verification activities included:

- Periodic visual inspection of the repair activity to confirm that the area was maintained wet, and confirmation that installation activities were as described in the approved mitigation plan.
- Downwind Dust Trak monitoring of the repair area when activities were conducted, to monitor for fugitive dust emissions. Review of Dust Trak data did not indicate that work associated with the city water line repair was generating fugitive dust emissions.

### Risers of Stormwater Sensor Covers

No work occurred related to the Installation of risers on the storm water manhole sensor covers. Exide personnel had previously installed the first riser and completed testing the riser to ensure that the repair method is appropriate. Additional risers are being manufactured offsite, and installation activities will resume once fabrication is complete.

### Install Gutters and Spouts East

Advanced Construction completed leak testing activities on Thursday, December 17, 2015, and the new gutters and spouts were found to be water tight.

Verification activities included:

- Periodic visual inspection of the testing activity to confirm that the area was maintained wet, and confirmation that installation activities were as described in the approved mitigation plan.

### Replace WWTP Reactor Tank Mixers 2 & 4

Beacon Energy Services completed repair activities to Reactor Tank Mixer 4 on Monday, December 21, 2015. Repair activities to Reactor Tank Mixer 2 were completed on Wednesday, December 23, 2015. The working areas were pre-cleaned, and repair activities were completed in accordance with the approved mitigation plan.

Verification activities included:

- Periodic visual inspection of the repair activity to confirm that the area was maintained wet, and confirmation that installation activities were as described in the approved mitigation plan.
- Downwind Dust Trak monitoring of the repair areas when activities were conducted, to monitor for fugitive dust emissions. Review of Dust Trak data did not indicate that work associated with the city water line repair was generating fugitive dust emissions.

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

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

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

In general accordance with the Order for Abatement Case No. 3151-32 Findings and Decision, air monitoring, if required, was conducted during a portion of all repair work performed within the temporary enclosures on a daily basis. If the results of continuous Dust Trak air monitoring detected excessive dust, additional suppression activities are required to be implemented. For this reporting period, Dust Trak monitoring did not detect excessive dust being generated from repair activities.

Activity Which Resulted in Excessive Dust	Additional Suppression Activity
None	None

**ACTUAL vs. FORECAST PROGRESS:**

Exide Technologies submitted a schedule which outlines the tasks needed to be completed in response to this abatement order. The attached Gant Chart shows scheduled progress for all activities planned for the upcoming two week period. The following table shows the status of these activities.

TASK	STATUS
None	None

**WORK SCHEDULED DURING THE UPCOMING PERIOD:**

The following activities are anticipated for the upcoming weeks:

<b>Week</b>	<b>Anticipated Activities</b>
Dec. 24 – Dec. 30	<ul style="list-style-type: none"><li>• Replace Sand Filter Tank Inlet Pipe</li></ul>

<b>Week</b>	<b>Anticipated Activities</b>
Dec. 31 - Jan. 6	<ul style="list-style-type: none"><li>• Install Riser on Stormwater Sensor Covers Resumes</li><li>• Secure Hi-Vol Propane Tanks Begins</li></ul>

**KEY MILESTONES:**

The following key milestones were achieved during this reporting period:

- o Repair City Water Line at East Fence: COMPLETE
- o Install Gutters and Spouts East : COMPLETE
- o Replace WWTP Reactor Tank Mixers 2 & 4: COMPLETE

**WORKER SAFETY CONCERNS:**

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

- o None.

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

The following items require resolution:

- o None at this time.

**SUMMARY:**

The summary provided herein covers the activities for the period of December 17, 2015 through December 23, 2015. Please note that no Mitigation Plan related activities took place on Friday, December 18, 2015, and therefore Tetra Tech was not on-site. On Tuesday, December 22, 2015, scheduled activities were postponed due to inclement weather. Please find attached a copy of Exide's upcoming two weeks schedule and site map identifying the location of the activities on the upcoming two weeks schedule.

Should you have questions regarding this report, or require additional information, please contact me at your earliest convenience.

Sincerely,



Nick Somogyi  
Project Engineer

ATTACHMENTS:  
Gant Chart Schedule  
Site Map  
Field Monitoring Data

## **Gant Chart Schedule**

# Project Schedule

## Week of 12/17/15 – 01/06/16

*Rev: 12/21/2015*



Recycling Division, Vernon, CA

Mitigation Plan Risks	Task Name	Plant Location	Duration	Start Date	Finish Date	%																																										
							17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	01	02	03	04	05	06																					
Ex 72	Cleaning of Assorted Materials in Total Enclosure	Total Enclosure	406 days	11/20/14	12/31/15	80%																																										
Ex 76	Various Work Methods in Total Enclosure	Total Enclosure	405 days	11/21/14	12/31/15	80%																																										
4	RCRA RFI Soil Sampling	General	316 days	2/18/15	12/31/15	97%																																										
Ex 83	RFI Soil Sampling Supplemental	General	316 days	2/18/15	12/31/15	97%																																										
Ex 106	Repairing City Water Line at East Fence	East Fence North Yard	1 day	12/11/15	12/11/15	0%																																										
Ex 107	Install Riser on Storm Water Sensor Covers	General	15 days	12/1/15	12/30/15	1%																																										
Ex 108	Install Roof Gutters & Spouts BH Bldg East	Total Enclosure Roof	15 days	12/1/15	12/17/15	100%	█																																									
Ex 109	Secure HiVol Propane Tanks	General	15 days	1/4/16	01/22/16	0%																																										
Ex 110	Replace Sand Filter Tank Inlet Pipe	WWTP	3 days	12/21/15	12/23/15	0%																																										
Ex 111	Replace WWTP Reactor Tanks Mixers 2 & 4	WWTP	2 days	12/21/15	12/22/15	0%																																										

*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\_12/21/15.pptx*

## **Site Map**





# Mitigation Project Map Layout

**Week 12/17/15 – 01/06/16**

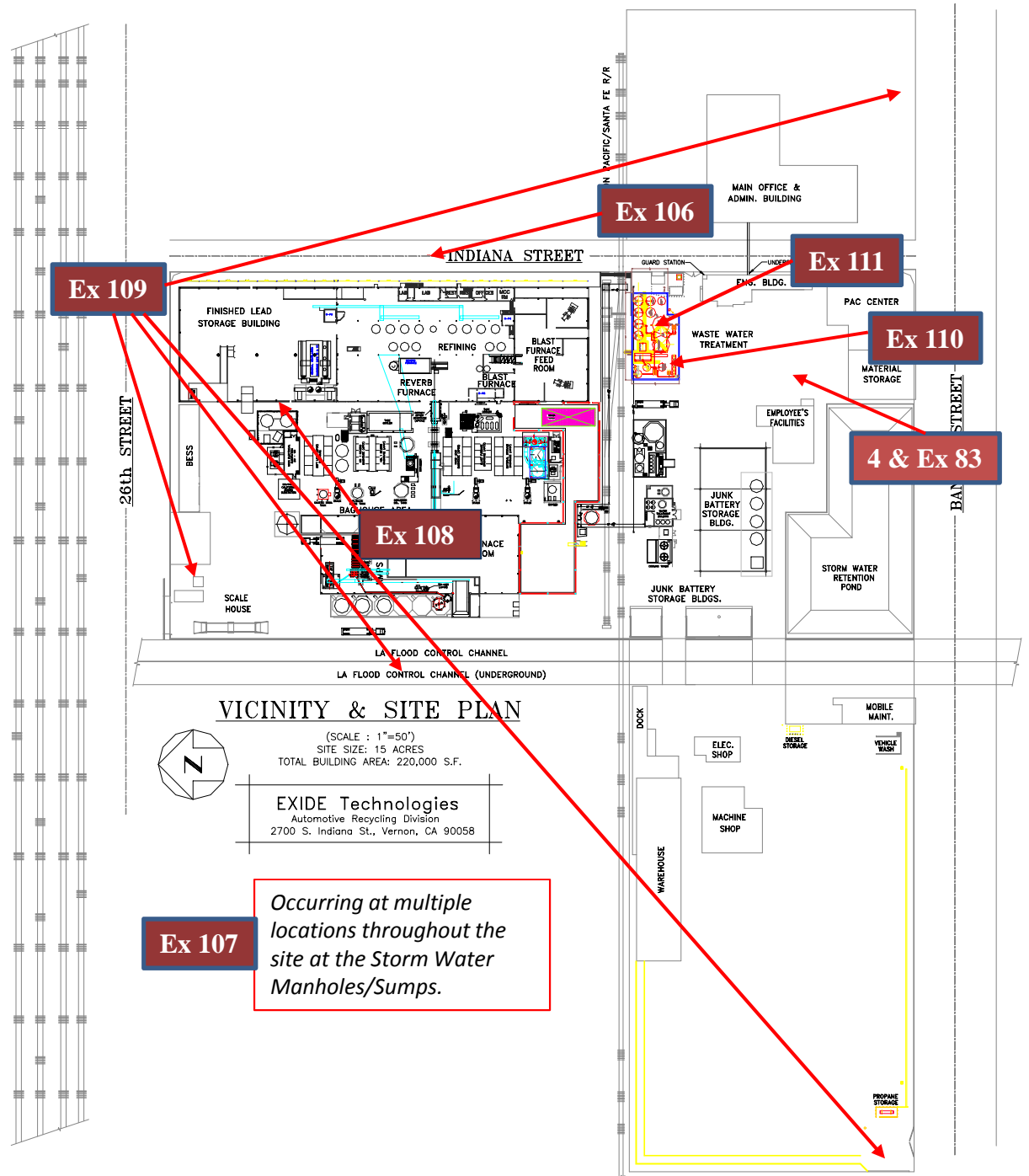
*Rev: 12/21/15*

## 4. RCRA RFI Soil Sampling

- Ex 83. RFI Soil Sampling Supplemental
- Ex 72. Cleaning of Assorted Materials in Total Encl.
- Ex 76. Various Work Methods in Total Enclosure
- EX 106. Repairing City Water Pipe at East Fence
- Ex 107. Install Risers on Storm Water Sensor Covers
- Ex 108. Install Roof Gutters & Spouts BH Bldg. East
- Ex 109. Secure Hi-Vol Propane Tanks
- Ex 110. Replace Sand Filter Inlet Pipe
- Ex 111. Replace WWTP Reactor Tanks Mixers 2 & 4

*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\_12/21/15.pptx*



**Ex 107**

*Occurring at multiple locations throughout the site at the Storm Water Manholes/Sumps.*

**Monitoring Results / Reports**  
**(Monday, December 21, 2015)**

<b>ACTIVITY</b>	<b>SERIAL NUMBER</b>	<b>LOCATION</b>
EX-106 Repair City Water Line East	8533132802	Downwind
EX-111 Replace WWTP Reactor Tank Mixers 2&4	8533141005	Upwind
EX-111 Replace WWTP Reactor Tank Mixers 2&4	8533113401	Downwind



Exide Technologies  
2700 Indiana Street  
Vernon, CA 90058

12/21/2015 EX-106 & EX-111

# Test 001

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	12/21/2015
Instrument S/N	8533132802	Start Time	13:10:33
		Stop Date	12/21/2015
		Stop Time	16:00:33
		Total Time	0:02:50:00
		Logging Interval	60 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	12/21/2015	13:11:33	0.036	0.037	0.037	0.054	0.054
2	12/21/2015	13:12:33	0.029	0.029	0.029	0.029	0.029
3	12/21/2015	13:13:33	0.027	0.028	0.028	0.028	0.028
4	12/21/2015	13:14:33	0.026	0.027	0.027	0.027	0.027
5	12/21/2015	13:15:33	0.026	0.027	0.027	0.027	0.027
6	12/21/2015	13:16:33	0.029	0.030	0.030	0.030	0.030
7	12/21/2015	13:17:33	0.031	0.031	0.032	0.032	0.032
8	12/21/2015	13:18:33	0.026	0.026	0.027	0.027	0.027
9	12/21/2015	13:19:33	0.024	0.024	0.025	0.025	0.025
10	12/21/2015	13:20:33	0.024	0.024	0.025	0.025	0.025
11	12/21/2015	13:21:33	0.025	0.025	0.026	0.026	0.026
12	12/21/2015	13:22:33	0.026	0.026	0.026	0.027	0.027
13	12/21/2015	13:23:33	0.025	0.025	0.025	0.025	0.025
14	12/21/2015	13:24:33	0.024	0.024	0.024	0.025	0.025
15	12/21/2015	13:25:33	0.025	0.025	0.025	0.025	0.025
16	12/21/2015	13:26:33	0.024	0.024	0.024	0.024	0.024
17	12/21/2015	13:27:33	0.024	0.024	0.024	0.024	0.024
18	12/21/2015	13:28:33	0.024	0.024	0.024	0.024	0.024
19	12/21/2015	13:29:33	0.023	0.024	0.024	0.024	0.024
20	12/21/2015	13:30:33	0.028	0.028	0.028	0.028	0.028
21	12/21/2015	13:31:33	0.030	0.030	0.031	0.031	0.031
22	12/21/2015	13:32:33	0.028	0.028	0.029	0.029	0.029
23	12/21/2015	13:33:33	0.028	0.028	0.028	0.028	0.028
24	12/21/2015	13:34:33	0.029	0.030	0.030	0.030	0.030
25	12/21/2015	13:35:33	0.030	0.030	0.031	0.031	0.031
26	12/21/2015	13:36:33	0.030	0.030	0.031	0.031	0.031
27	12/21/2015	13:37:33	0.030	0.030	0.030	0.030	0.030
28	12/21/2015	13:38:33	0.029	0.030	0.030	0.030	0.030
29	12/21/2015	13:39:33	0.029	0.029	0.030	0.030	0.030
30	12/21/2015	13:40:33	0.030	0.030	0.030	0.031	0.031
31	12/21/2015	13:41:33	0.029	0.029	0.029	0.030	0.030
32	12/21/2015	13:42:33	0.029	0.030	0.030	0.030	0.030
33	12/21/2015	13:43:33	0.031	0.032	0.032	0.033	0.033
34	12/21/2015	13:44:33	0.031	0.031	0.032	0.032	0.032
35	12/21/2015	13:45:33	0.030	0.031	0.031	0.031	0.031

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	12/21/2015	13:46:33	0.037	0.038	0.039	0.041	0.041
37	12/21/2015	13:47:33	0.038	0.039	0.040	0.042	0.042
38	12/21/2015	13:48:33	0.031	0.032	0.032	0.032	0.032
39	12/21/2015	13:49:33	0.031	0.031	0.031	0.031	0.031
40	12/21/2015	13:50:33	0.031	0.031	0.031	0.032	0.032
41	12/21/2015	13:51:33	0.031	0.031	0.031	0.031	0.031
42	12/21/2015	13:52:33	0.030	0.031	0.031	0.031	0.031
43	12/21/2015	13:53:33	0.030	0.030	0.030	0.030	0.030
44	12/21/2015	13:54:33	0.031	0.031	0.032	0.032	0.032
45	12/21/2015	15:58:33	0.000	0.000	0.000	0.000	0.000
46	12/21/2015	15:59:33	0.019	0.019	0.020	0.032	0.032
47	12/21/2015	16:00:33	0.025	0.026	0.028	0.052	0.052

# Test 015

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	12/21/2015
Instrument S/N	8533141005	Start Time	09:42:38
		Stop Date	12/21/2015
		Stop Time	15:47:38
		Total Time	0:06:05:00
		Logging Interval	300 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	12/21/2015	09:47:38	0.056	0.057	0.058	0.063	0.066
2	12/21/2015	09:52:38	0.102	0.110	0.119	0.145	0.147
3	12/21/2015	09:57:38	0.051	0.052	0.054	0.058	0.059
4	12/21/2015	10:02:38	0.053	0.054	0.054	0.057	0.057
5	12/21/2015	10:07:38	0.049	0.050	0.051	0.053	0.053
6	12/21/2015	10:12:38	0.046	0.046	0.047	0.048	0.048
7	12/21/2015	10:17:38	0.052	0.054	0.055	0.061	0.061
8	12/21/2015	10:22:38	0.062	0.064	0.067	0.076	0.077
9	12/21/2015	10:27:38	0.051	0.052	0.053	0.057	0.057
10	12/21/2015	10:32:38	0.041	0.042	0.042	0.044	0.044
11	12/21/2015	10:37:38	0.036	0.037	0.037	0.039	0.039
12	12/21/2015	10:42:38	0.035	0.035	0.036	0.037	0.037
13	12/21/2015	10:47:38	0.036	0.036	0.037	0.038	0.038
14	12/21/2015	10:52:38	0.035	0.036	0.036	0.037	0.037
15	12/21/2015	10:57:38	0.032	0.032	0.033	0.034	0.034
16	12/21/2015	11:02:38	0.032	0.033	0.033	0.034	0.034
17	12/21/2015	11:07:38	0.040	0.041	0.041	0.042	0.042
18	12/21/2015	11:12:38	0.040	0.040	0.041	0.041	0.041
19	12/21/2015	11:17:38	0.037	0.038	0.038	0.039	0.039
20	12/21/2015	11:22:38	0.039	0.040	0.040	0.040	0.040
21	12/21/2015	11:27:38	0.032	0.033	0.033	0.034	0.034
22	12/21/2015	11:32:38	0.031	0.032	0.032	0.032	0.033
23	12/21/2015	11:37:38	0.028	0.028	0.029	0.029	0.029
24	12/21/2015	11:42:38	0.029	0.029	0.029	0.030	0.031
25	12/21/2015	11:47:38	0.028	0.028	0.028	0.029	0.029
26	12/21/2015	11:52:38	0.028	0.028	0.028	0.030	0.031
27	12/21/2015	11:57:38	0.028	0.028	0.028	0.031	0.034
28	12/21/2015	12:02:38	0.027	0.028	0.028	0.028	0.029
29	12/21/2015	12:07:38	0.027	0.028	0.028	0.028	0.028
30	12/21/2015	12:12:38	0.028	0.028	0.028	0.029	0.029
31	12/21/2015	12:17:38	0.025	0.025	0.026	0.026	0.026
32	12/21/2015	12:22:38	0.027	0.027	0.028	0.028	0.028
33	12/21/2015	12:27:38	0.026	0.026	0.027	0.027	0.027
34	12/21/2015	12:32:38	0.026	0.026	0.027	0.027	0.027
35	12/21/2015	12:37:38	0.024	0.024	0.024	0.025	0.025

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	12/21/2015	12:42:38	0.024	0.025	0.025	0.025	0.026
37	12/21/2015	12:47:38	0.022	0.023	0.023	0.023	0.024
38	12/21/2015	12:52:38	0.026	0.026	0.026	0.027	0.027
39	12/21/2015	12:57:38	0.026	0.026	0.026	0.027	0.027
40	12/21/2015	13:02:38	0.024	0.025	0.025	0.026	0.026
41	12/21/2015	13:07:38	0.024	0.024	0.024	0.025	0.025
42	12/21/2015	13:12:38	0.026	0.026	0.027	0.027	0.027
43	12/21/2015	13:17:38	0.027	0.028	0.028	0.028	0.029
44	12/21/2015	13:22:38	0.028	0.029	0.029	0.030	0.030
45	12/21/2015	13:27:38	0.027	0.027	0.027	0.028	0.028
46	12/21/2015	13:32:38	0.030	0.031	0.031	0.032	0.032
47	12/21/2015	13:37:38	0.032	0.032	0.032	0.033	0.033
48	12/21/2015	13:42:38	0.034	0.035	0.035	0.036	0.036
49	12/21/2015	13:47:38	0.032	0.032	0.033	0.033	0.033
50	12/21/2015	13:52:38	0.032	0.032	0.032	0.033	0.033
51	12/21/2015	13:57:38	0.031	0.032	0.032	0.032	0.033
52	12/21/2015	14:02:38	0.033	0.033	0.034	0.034	0.034
53	12/21/2015	14:07:38	0.033	0.033	0.033	0.034	0.034
54	12/21/2015	14:12:38	0.030	0.030	0.030	0.031	0.031
55	12/21/2015	14:17:38	0.029	0.029	0.029	0.030	0.030
56	12/21/2015	14:22:38	0.020	0.020	0.020	0.021	0.021
57	12/21/2015	14:27:38	0.017	0.018	0.018	0.018	0.018
58	12/21/2015	14:32:38	0.015	0.016	0.016	0.017	0.017
59	12/21/2015	14:37:38	0.019	0.020	0.020	0.021	0.021
60	12/21/2015	14:42:38	0.022	0.022	0.023	0.023	0.023
61	12/21/2015	14:47:38	0.016	0.017	0.017	0.018	0.018
62	12/21/2015	14:52:38	0.016	0.016	0.016	0.017	0.017
63	12/21/2015	14:57:38	0.016	0.016	0.017	0.017	0.017
64	12/21/2015	15:02:38	0.017	0.017	0.017	0.018	0.018
65	12/21/2015	15:07:38	0.018	0.019	0.019	0.019	0.020
66	12/21/2015	15:12:38	0.019	0.019	0.020	0.020	0.020
67	12/21/2015	15:17:38	0.017	0.018	0.018	0.019	0.019
68	12/21/2015	15:22:38	0.018	0.018	0.018	0.019	0.019
69	12/21/2015	15:27:38	0.018	0.019	0.019	0.020	0.020
70	12/21/2015	15:32:38	0.019	0.020	0.020	0.020	0.020
71	12/21/2015	15:37:38	0.020	0.020	0.021	0.021	0.021
72	12/21/2015	15:42:38	0.019	0.020	0.020	0.020	0.020
73	12/21/2015	15:47:38	0.016	0.016	0.017	0.017	0.018

# Test 015

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	12/21/2015
Instrument S/N	8533113401	Start Time	09:59:48
		Stop Date	12/21/2015
		Stop Time	15:49:48
		Total Time	0:05:50:00
		Logging Interval	300 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	12/21/2015	10:04:48	0.052	0.052	0.053	0.053	0.053
2	12/21/2015	10:09:48	0.055	0.057	0.058	0.061	0.061
3	12/21/2015	10:14:48	0.047	0.048	0.049	0.050	0.050
4	12/21/2015	10:19:48	0.060	0.063	0.066	0.071	0.071
5	12/21/2015	10:24:48	0.043	0.044	0.045	0.046	0.046
6	12/21/2015	10:29:48	0.041	0.042	0.042	0.042	0.042
7	12/21/2015	10:34:48	0.035	0.035	0.035	0.035	0.035
8	12/21/2015	10:39:48	0.035	0.035	0.035	0.036	0.036
9	12/21/2015	10:44:48	0.034	0.034	0.035	0.035	0.035
10	12/21/2015	10:49:48	0.035	0.036	0.036	0.036	0.036
11	12/21/2015	10:54:48	0.033	0.034	0.034	0.034	0.034
12	12/21/2015	10:59:48	0.031	0.032	0.032	0.032	0.032
13	12/21/2015	11:04:48	0.035	0.036	0.036	0.036	0.036
14	12/21/2015	11:09:48	0.041	0.041	0.041	0.042	0.042
15	12/21/2015	11:14:48	0.040	0.041	0.041	0.041	0.041
16	12/21/2015	11:19:48	0.040	0.040	0.040	0.040	0.040
17	12/21/2015	11:24:48	0.039	0.040	0.040	0.040	0.040
18	12/21/2015	11:29:48	0.032	0.033	0.033	0.033	0.033
19	12/21/2015	11:34:48	0.033	0.034	0.034	0.034	0.034
20	12/21/2015	11:39:48	0.030	0.031	0.031	0.031	0.031
21	12/21/2015	11:44:48	0.032	0.033	0.033	0.034	0.034
22	12/21/2015	11:49:48	0.030	0.030	0.031	0.031	0.031
23	12/21/2015	11:54:48	0.032	0.033	0.033	0.037	0.037
24	12/21/2015	11:59:48	0.030	0.030	0.031	0.031	0.031
25	12/21/2015	12:04:48	0.030	0.031	0.031	0.031	0.031
26	12/21/2015	12:09:48	0.031	0.032	0.032	0.032	0.032
27	12/21/2015	12:14:48	0.032	0.032	0.032	0.033	0.033
28	12/21/2015	12:19:48	0.029	0.029	0.030	0.030	0.030
29	12/21/2015	12:24:48	0.028	0.029	0.029	0.029	0.029
30	12/21/2015	12:29:48	0.027	0.028	0.028	0.028	0.028
31	12/21/2015	12:34:48	0.028	0.028	0.028	0.028	0.028
32	12/21/2015	12:39:48	0.028	0.028	0.029	0.029	0.029
33	12/21/2015	12:44:48	0.028	0.028	0.029	0.029	0.029
34	12/21/2015	12:49:48	0.028	0.029	0.029	0.029	0.029
35	12/21/2015	12:54:48	0.029	0.029	0.029	0.029	0.029



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	12/21/2015	12:59:48	0.029	0.029	0.030	0.030	0.030
37	12/21/2015	13:04:48	0.029	0.029	0.029	0.030	0.030
38	12/21/2015	13:09:48	0.029	0.029	0.029	0.030	0.030
39	12/21/2015	13:14:48	0.030	0.030	0.030	0.030	0.030
40	12/21/2015	13:19:48	0.044	0.044	0.044	0.044	0.044
41	12/21/2015	13:24:48	0.035	0.035	0.035	0.035	0.035
42	12/21/2015	13:29:48	0.031	0.031	0.032	0.032	0.032
43	12/21/2015	13:34:48	0.036	0.036	0.036	0.037	0.037
44	12/21/2015	13:39:48	0.036	0.036	0.036	0.036	0.036
45	12/21/2015	13:44:48	0.037	0.037	0.037	0.038	0.038
46	12/21/2015	13:49:48	0.037	0.038	0.038	0.038	0.038
47	12/21/2015	13:54:48	0.037	0.037	0.037	0.038	0.038
48	12/21/2015	13:59:48	0.038	0.038	0.038	0.039	0.039
49	12/21/2015	14:04:48	0.038	0.038	0.039	0.039	0.039
50	12/21/2015	14:09:48	0.037	0.038	0.038	0.038	0.038
51	12/21/2015	14:14:48	0.035	0.036	0.036	0.036	0.036
52	12/21/2015	14:19:48	0.033	0.033	0.033	0.033	0.034
53	12/21/2015	14:24:48	0.022	0.023	0.023	0.023	0.023
54	12/21/2015	14:29:48	0.022	0.022	0.022	0.022	0.022
55	12/21/2015	14:34:48	0.020	0.021	0.021	0.021	0.021
56	12/21/2015	14:39:48	0.021	0.021	0.021	0.021	0.021
57	12/21/2015	14:44:48	0.023	0.023	0.023	0.023	0.023
58	12/21/2015	14:49:48	0.021	0.022	0.022	0.022	0.022
59	12/21/2015	14:54:48	0.020	0.020	0.020	0.021	0.021
60	12/21/2015	14:59:48	0.020	0.021	0.021	0.021	0.021
61	12/21/2015	15:04:48	0.021	0.022	0.022	0.022	0.022
62	12/21/2015	15:09:48	0.022	0.023	0.023	0.023	0.023
63	12/21/2015	15:14:48	0.021	0.022	0.022	0.022	0.022
64	12/21/2015	15:19:48	0.020	0.021	0.021	0.021	0.021
65	12/21/2015	15:24:48	0.020	0.021	0.021	0.021	0.021
66	12/21/2015	15:29:48	0.021	0.021	0.022	0.022	0.022
67	12/21/2015	15:34:48	0.022	0.023	0.023	0.023	0.023
68	12/21/2015	15:39:48	0.021	0.022	0.022	0.022	0.022
69	12/21/2015	15:44:48	0.020	0.021	0.021	0.021	0.021
70	12/21/2015	15:49:48	0.017	0.018	0.018	0.018	0.018

**Monitoring Results / Reports**  
**(Wednesday, December 23, 2015)**

<b>ACTIVITY</b>	<b>SERIAL NUMBER</b>	<b>LOCATION</b>
EX-111 Replace WWTP Reactor Tank Mixers 2&4	8533141005	Upwind
EX-111 Replace WWTP Reactor Tank Mixers 2&4	8533113401	Downwind



Exide Technologies  
2700 Indiana Street  
Vernon, CA 90058

12/23/2015 EX-111

# Test 016

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	12/23/2015
Instrument S/N	8533141005	Start Time	07:46:15
		Stop Date	12/23/2015
		Stop Time	13:11:15
		Total Time	0:05:25:00
		Logging Interval	300 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	12/23/2015	07:51:15	0.057	0.059	0.059	0.060	0.060
2	12/23/2015	07:56:15	0.058	0.059	0.060	0.060	0.060
3	12/23/2015	08:01:15	0.058	0.060	0.060	0.061	0.061
4	12/23/2015	08:06:15	0.060	0.062	0.063	0.064	0.064
5	12/23/2015	08:11:15	0.061	0.062	0.064	0.065	0.065
6	12/23/2015	08:16:15	0.062	0.064	0.064	0.065	0.065
7	12/23/2015	08:21:15	0.061	0.063	0.063	0.064	0.064
8	12/23/2015	08:26:15	0.064	0.065	0.066	0.067	0.067
9	12/23/2015	08:31:15	0.058	0.060	0.060	0.061	0.061
10	12/23/2015	08:36:15	0.057	0.058	0.059	0.059	0.060
11	12/23/2015	08:41:15	0.054	0.055	0.055	0.056	0.056
12	12/23/2015	08:46:15	0.053	0.054	0.055	0.055	0.055
13	12/23/2015	08:51:15	0.055	0.056	0.056	0.057	0.057
14	12/23/2015	08:56:15	0.054	0.055	0.055	0.056	0.056
15	12/23/2015	09:01:15	0.056	0.057	0.057	0.057	0.058
16	12/23/2015	09:06:15	0.056	0.057	0.058	0.058	0.058
17	12/23/2015	09:11:15	0.059	0.060	0.060	0.061	0.061
18	12/23/2015	09:16:15	0.057	0.058	0.059	0.059	0.060
19	12/23/2015	09:21:15	0.059	0.060	0.061	0.062	0.062
20	12/23/2015	09:26:15	0.058	0.060	0.060	0.061	0.061
21	12/23/2015	09:31:15	0.056	0.057	0.058	0.058	0.058
22	12/23/2015	09:36:15	0.056	0.057	0.058	0.058	0.058
23	12/23/2015	09:41:15	0.051	0.052	0.052	0.053	0.053
24	12/23/2015	09:46:15	0.053	0.054	0.054	0.054	0.055
25	12/23/2015	09:51:15	0.056	0.057	0.058	0.058	0.058
26	12/23/2015	09:56:15	0.052	0.053	0.054	0.054	0.054
27	12/23/2015	10:01:15	0.049	0.050	0.050	0.051	0.051
28	12/23/2015	10:06:15	0.048	0.049	0.049	0.050	0.050
29	12/23/2015	10:11:15	0.045	0.046	0.046	0.046	0.046
30	12/23/2015	10:16:15	0.044	0.045	0.045	0.045	0.045
31	12/23/2015	10:21:15	0.041	0.042	0.042	0.043	0.043
32	12/23/2015	10:26:15	0.043	0.044	0.044	0.044	0.045
33	12/23/2015	10:31:15	0.047	0.048	0.048	0.049	0.049
34	12/23/2015	10:36:15	0.048	0.049	0.049	0.049	0.050
35	12/23/2015	10:41:15	0.048	0.049	0.050	0.050	0.050

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	12/23/2015	10:46:15	0.048	0.048	0.049	0.049	0.049
37	12/23/2015	10:51:15	0.041	0.042	0.043	0.043	0.043
38	12/23/2015	10:56:15	0.045	0.046	0.047	0.047	0.047
39	12/23/2015	11:01:15	0.050	0.051	0.051	0.052	0.052
40	12/23/2015	11:06:15	0.050	0.051	0.051	0.052	0.052
41	12/23/2015	11:11:15	0.047	0.048	0.049	0.049	0.049
42	12/23/2015	11:16:15	0.042	0.043	0.043	0.043	0.044
43	12/23/2015	11:21:15	0.040	0.040	0.041	0.041	0.041
44	12/23/2015	11:26:15	0.035	0.036	0.036	0.036	0.036
45	12/23/2015	11:31:15	0.029	0.030	0.030	0.030	0.030
46	12/23/2015	11:36:15	0.039	0.040	0.040	0.041	0.041
47	12/23/2015	11:41:15	0.038	0.038	0.039	0.039	0.039
48	12/23/2015	11:46:15	0.036	0.036	0.037	0.037	0.037
49	12/23/2015	11:51:15	0.032	0.033	0.033	0.034	0.034
50	12/23/2015	11:56:15	0.035	0.036	0.036	0.037	0.037
51	12/23/2015	12:01:15	0.037	0.037	0.038	0.038	0.039
52	12/23/2015	12:06:15	0.036	0.037	0.037	0.037	0.038
53	12/23/2015	12:11:15	0.036	0.037	0.037	0.038	0.038
54	12/23/2015	12:16:15	0.036	0.036	0.037	0.037	0.037
55	12/23/2015	12:21:15	0.035	0.036	0.036	0.036	0.036
56	12/23/2015	12:26:15	0.033	0.034	0.034	0.035	0.035
57	12/23/2015	12:31:15	0.031	0.031	0.032	0.032	0.032
58	12/23/2015	12:36:15	0.032	0.032	0.032	0.033	0.033
59	12/23/2015	12:41:15	0.030	0.030	0.031	0.031	0.031
60	12/23/2015	12:46:15	0.028	0.029	0.029	0.030	0.030
61	12/23/2015	12:51:15	0.030	0.031	0.031	0.032	0.032
62	12/23/2015	12:56:15	0.030	0.031	0.031	0.031	0.031
63	12/23/2015	13:01:15	0.032	0.033	0.033	0.033	0.034
64	12/23/2015	13:06:15	0.031	0.032	0.032	0.033	0.033
65	12/23/2015	13:11:15	0.034	0.035	0.035	0.035	0.035

# Test 016

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	12/23/2015
Instrument S/N	8533113401	Start Time	08:08:42
		Stop Date	12/23/2015
		Stop Time	13:18:42
		Total Time	0:05:10:00
		Logging Interval	300 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	12/23/2015	08:13:42	0.065	0.067	0.068	0.068	0.068
2	12/23/2015	08:18:42	0.062	0.064	0.064	0.064	0.064
3	12/23/2015	08:23:42	0.064	0.065	0.066	0.066	0.066
4	12/23/2015	08:28:42	0.066	0.067	0.067	0.067	0.067
5	12/23/2015	08:33:42	0.058	0.059	0.059	0.059	0.059
6	12/23/2015	08:38:42	0.055	0.056	0.056	0.056	0.056
7	12/23/2015	08:43:42	0.055	0.055	0.056	0.056	0.056
8	12/23/2015	08:48:42	0.054	0.055	0.055	0.056	0.056
9	12/23/2015	08:53:42	0.054	0.054	0.055	0.055	0.055
10	12/23/2015	08:58:42	0.054	0.055	0.055	0.055	0.055
11	12/23/2015	09:03:42	0.059	0.060	0.060	0.060	0.060
12	12/23/2015	09:08:42	0.059	0.060	0.060	0.060	0.061
13	12/23/2015	09:13:42	0.060	0.061	0.061	0.061	0.062
14	12/23/2015	09:18:42	0.060	0.061	0.062	0.062	0.062
15	12/23/2015	09:23:42	0.063	0.064	0.065	0.065	0.065
16	12/23/2015	09:28:42	0.059	0.060	0.060	0.060	0.060
17	12/23/2015	09:33:42	0.058	0.058	0.059	0.059	0.059
18	12/23/2015	09:38:42	0.056	0.057	0.057	0.057	0.057
19	12/23/2015	09:43:42	0.054	0.055	0.055	0.055	0.055
20	12/23/2015	09:48:42	0.057	0.058	0.058	0.058	0.058
21	12/23/2015	09:53:42	0.056	0.056	0.057	0.057	0.057
22	12/23/2015	09:58:42	0.053	0.054	0.054	0.054	0.054
23	12/23/2015	10:03:42	0.051	0.051	0.052	0.052	0.052
24	12/23/2015	10:08:42	0.050	0.051	0.051	0.051	0.051
25	12/23/2015	10:13:42	0.046	0.047	0.047	0.047	0.047
26	12/23/2015	10:18:42	0.044	0.045	0.045	0.045	0.045
27	12/23/2015	10:23:42	0.044	0.045	0.045	0.045	0.045
28	12/23/2015	10:28:42	0.047	0.048	0.048	0.048	0.048
29	12/23/2015	10:33:42	0.051	0.051	0.052	0.052	0.052
30	12/23/2015	10:38:42	0.051	0.052	0.052	0.052	0.052
31	12/23/2015	10:43:42	0.051	0.052	0.052	0.052	0.052
32	12/23/2015	10:48:42	0.051	0.052	0.052	0.052	0.052
33	12/23/2015	10:53:42	0.049	0.049	0.050	0.050	0.050
34	12/23/2015	10:58:42	0.054	0.055	0.055	0.055	0.055
35	12/23/2015	11:03:42	0.053	0.054	0.054	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	12/23/2015	11:08:42	0.054	0.055	0.055	0.055	0.055
37	12/23/2015	11:13:42	0.050	0.050	0.050	0.051	0.051
38	12/23/2015	11:18:42	0.044	0.045	0.045	0.045	0.045
39	12/23/2015	11:23:42	0.043	0.044	0.044	0.044	0.044
40	12/23/2015	11:28:42	0.036	0.036	0.036	0.036	0.036
41	12/23/2015	11:33:42	0.041	0.041	0.041	0.042	0.042
42	12/23/2015	11:38:42	0.046	0.046	0.046	0.047	0.047
43	12/23/2015	11:43:42	0.044	0.044	0.045	0.045	0.045
44	12/23/2015	11:48:42	0.039	0.039	0.039	0.040	0.040
45	12/23/2015	11:53:42	0.040	0.041	0.041	0.041	0.041
46	12/23/2015	11:58:42	0.044	0.045	0.045	0.045	0.045
47	12/23/2015	12:03:42	0.044	0.045	0.045	0.045	0.045
48	12/23/2015	12:08:42	0.044	0.045	0.045	0.045	0.045
49	12/23/2015	12:13:42	0.045	0.046	0.046	0.046	0.046
50	12/23/2015	12:18:42	0.046	0.046	0.046	0.046	0.046
51	12/23/2015	12:23:42	0.043	0.044	0.044	0.044	0.044
52	12/23/2015	12:28:42	0.042	0.043	0.043	0.043	0.043
53	12/23/2015	12:33:42	0.035	0.036	0.036	0.036	0.036
54	12/23/2015	12:38:42	0.034	0.035	0.035	0.035	0.035
55	12/23/2015	12:43:42	0.035	0.035	0.035	0.035	0.035
56	12/23/2015	12:48:42	0.034	0.035	0.035	0.035	0.035
57	12/23/2015	12:53:42	0.036	0.037	0.037	0.037	0.037
58	12/23/2015	12:58:42	0.036	0.037	0.037	0.037	0.037
59	12/23/2015	13:03:42	0.039	0.039	0.040	0.040	0.040
60	12/23/2015	13:08:42	0.036	0.037	0.037	0.037	0.037
61	12/23/2015	13:13:42	0.036	0.036	0.036	0.036	0.036
62	12/23/2015	13:18:42	0.041	0.041	0.041	0.042	0.042