

December 29, 2015

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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 # 66 (12/10/15 – 12/16/15)**

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 10, 2015 through December 16, 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
EX107	Install Risers of Stormwater Sensor Covers	Pre-cleaning and Wet Methods
EX108	Install Gutters and Spouts East	Pre-cleaning and Wet Methods*

**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 is identified to address the changed field conditions and approved by the regulatory agencies.

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 in the next reporting period.

Gutters and Spouts East

Advanced Construction resumed installation activities on Thursday, December 10, 2015, and then returned to complete installation of gutters on the north end of the East portion Total Enclosure Building on Wednesday, December 16, 2015. The work area was pre-cleaned and all wash waters were collected using a SCAQMD permitted HEPA vacuum. The work area was kept wet during the installation of the new gutter system. The new gutters will be leak tested in the next reporting period.

Verification activities included:

- Periodic visual inspection of the installation activity to confirm that the area was pre-cleaned, that all cleaning liquids were collected using HEPA vacuums, confirmation that the HEPA vacuums were permitted by SCAQMD, confirmation that the area was maintained wet, and confirmation that installation activities were as described in the approved mitigation plan.
- Dust Trak air monitors were set up downwind of the gutter installation activities to monitor for elevated levels of fugitive dust. Monitoring did not detect an elevated level of fugitive dust related to this mitigation activity.

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:

Week	Anticipated Activities
Dec. 17 – Dec. 23	<ul style="list-style-type: none"> <li>• Install Gutters and Spouts East Completes</li> <li>• Repair City Water Line at East Fence</li> <li>• Install Riser of Stormwater Sensor Covers Continues</li> <li>• Replace WWTP Reactor Tank Mixers #2 and #4</li> </ul>

Week	Anticipated Activities
Dec. 24 - Dec. 30	<ul style="list-style-type: none"> <li>• Install Riser on Stormwater Sensor Covers Completes</li> </ul>

**KEY MILESTONES:**

The following key milestones were achieved during this reporting period:

- o None at this time.

WORKER SAFETY CONCERNS:

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

- 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 10, 2015 through December 16, 2015. Please note that no Mitigation Plan related activities took place on Friday, December 11, 2015, Monday, December 14, 2015 and Tuesday, December 15, 2015 and therefore Tetra Tech was not on-site during those days. 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 12/10/15 – 12/30/15

*Rev: 12/17/2015*



Recycling Division, Vernon, CA

							12/12/15							12/19/15							12/26/15							01/02/16						
Mitigation Plan Risks	Task Name	Plant Location	Duration	Start Date	Finish Date	%	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	01					
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	12/30/15	100%																												
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.*

## **Site Map**



## Mitigation Project Map Layout

**Week 12/10/15 – 12/30/15**

**Rev: 12/17/15**

### 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

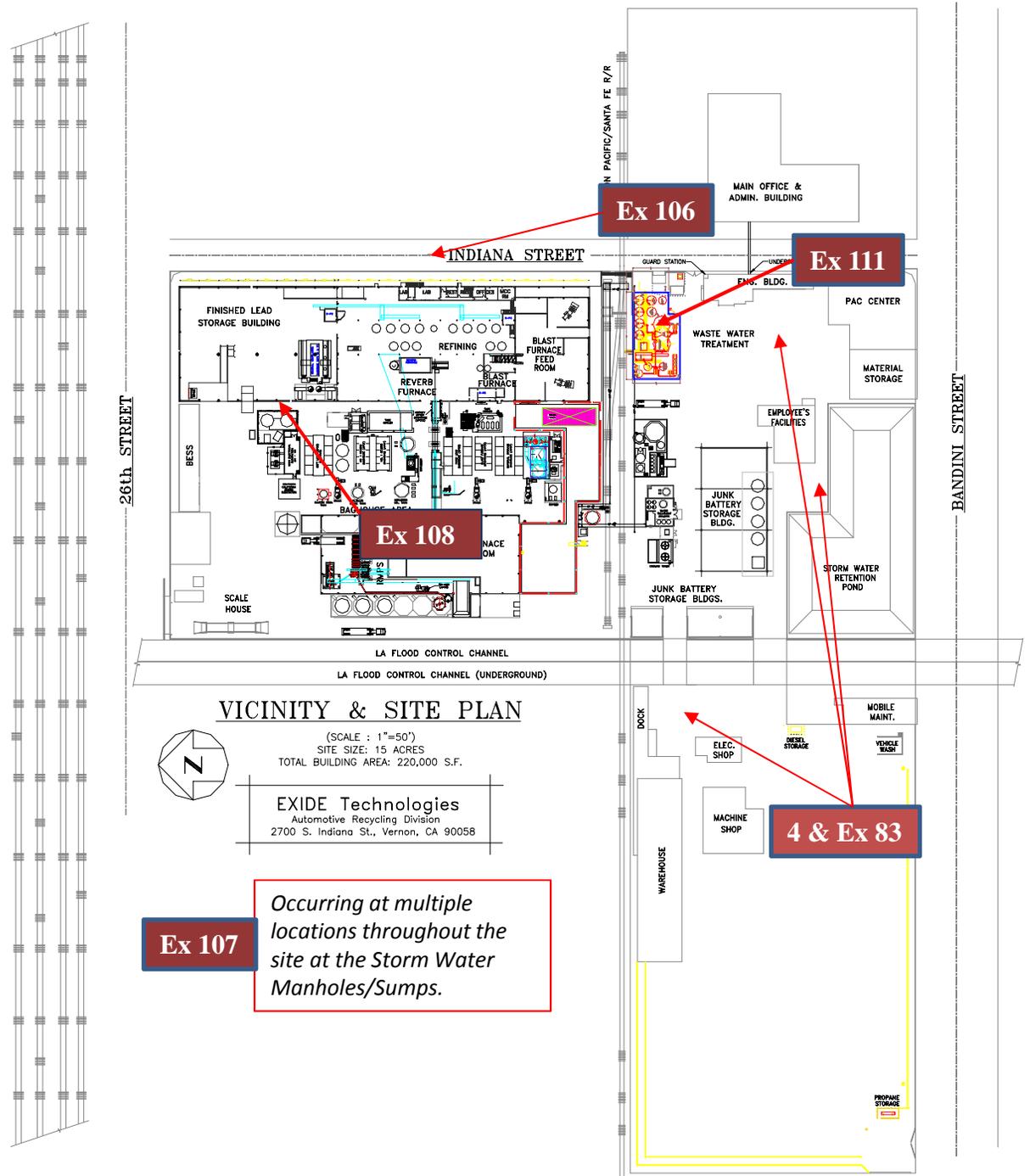
Ex 107. Install Risers on Storm Water Sensor Covers

Ex 108. Install Roof Gutters & Spouts BH Bldg. East

Ex 111. Replace WWTP Reactor Tanks Mixers 2 & 4

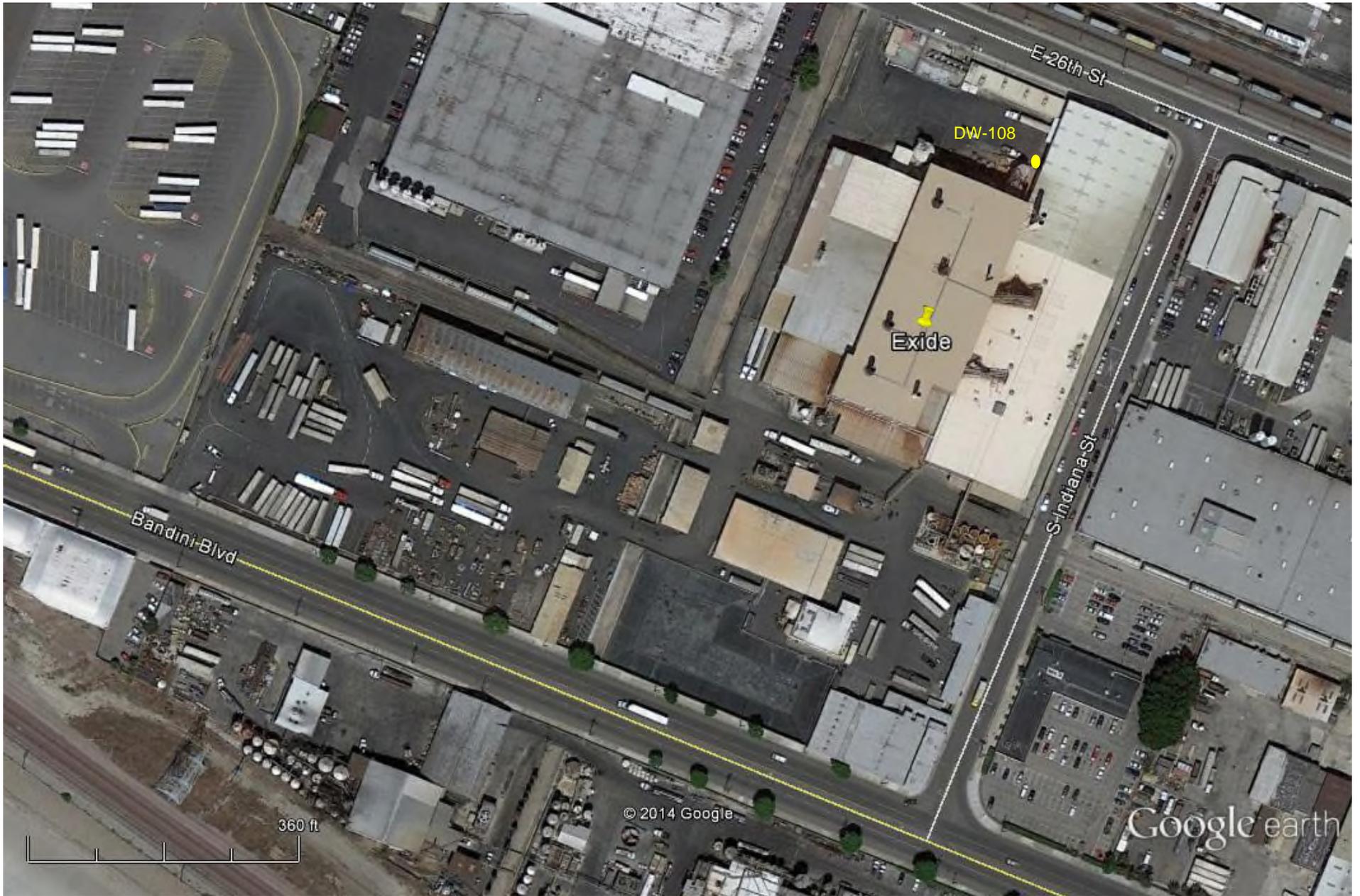
Numbering system correlates with Mitigation plan document. Ex refers to additional work part of Sec. 6b in the Mitigation plan document.

Mitigation Schedule and Map\_12/17/15.pptx



**Monitoring Results / Reports**  
**(Thursday, December 10, 2015)**

<b>ACTIVITY</b>	<b>SERIAL NUMBER</b>	<b>LOCATION</b>
EX-108 Gutter and Spouts East	8533141005	Downwind



Exide Technologies  
2700 Indiana Street  
Vernon, CA 90058

12/10/2015 EX-108

# Test 012

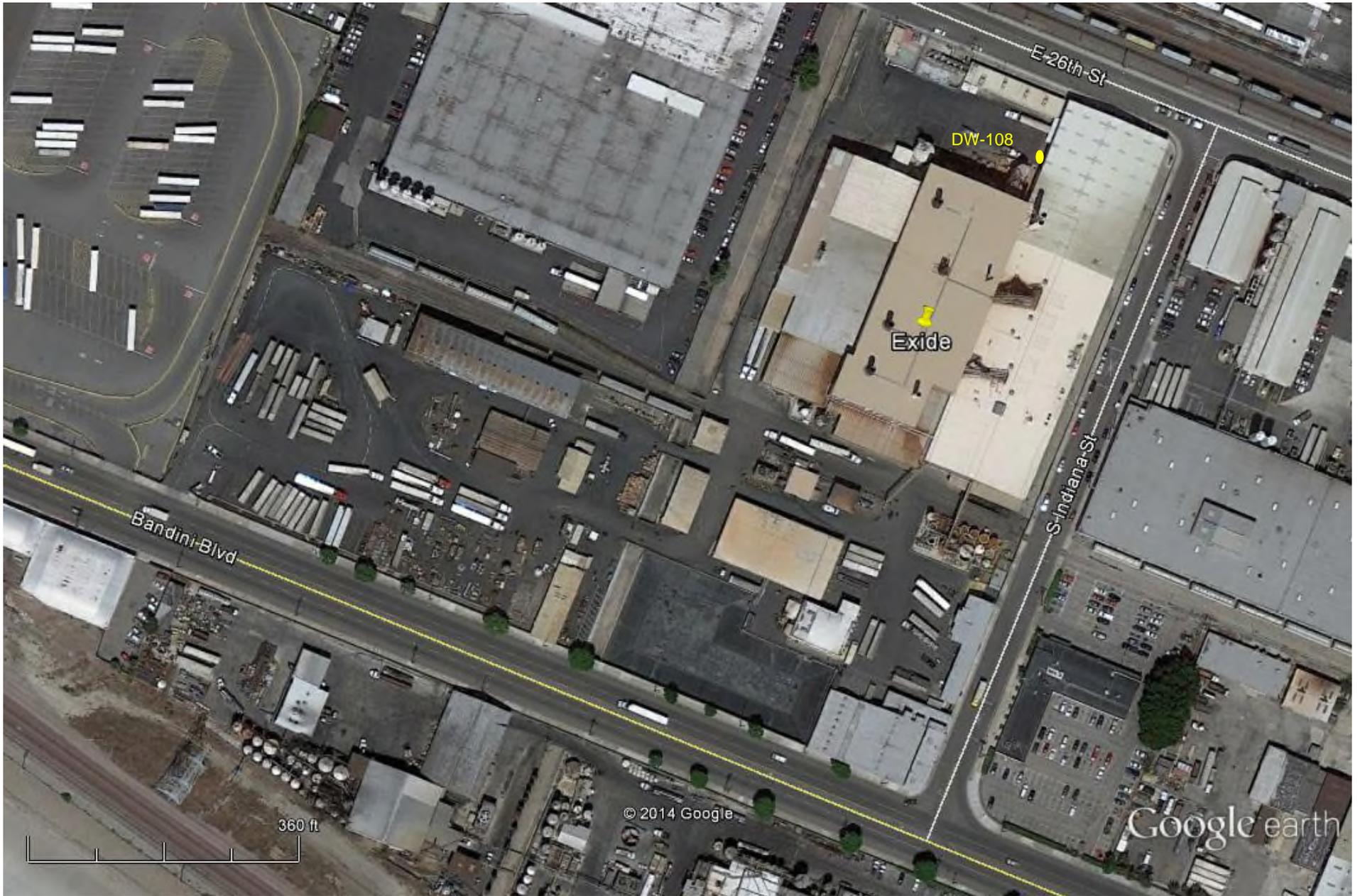
Instrument		Data Properties	
Model	DustTrak DRX	Start Date	12/10/2015
Instrument S/N	8533141005	Start Time	10:08:48
		Stop Date	12/10/2015
		Stop Time	13:58:48
		Total Time	0:03:50:00
		Logging Interval	300 seconds

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	12/10/2015	10:13:48	0.104	0.104	0.105	0.105	0.105
2	12/10/2015	10:18:48	0.097	0.097	0.098	0.098	0.098
3	12/10/2015	10:23:48	0.084	0.085	0.085	0.085	0.085
4	12/10/2015	10:28:48	0.082	0.083	0.083	0.084	0.084
5	12/10/2015	10:33:48	0.080	0.081	0.081	0.082	0.082
6	12/10/2015	10:38:48	0.080	0.081	0.081	0.081	0.081
7	12/10/2015	10:43:48	0.083	0.083	0.084	0.084	0.084
8	12/10/2015	10:48:48	0.082	0.083	0.083	0.083	0.083
9	12/10/2015	10:53:48	0.086	0.087	0.087	0.087	0.088
10	12/10/2015	10:58:48	0.086	0.087	0.087	0.087	0.087
11	12/10/2015	11:03:48	0.082	0.082	0.082	0.083	0.083
12	12/10/2015	11:08:48	0.082	0.082	0.083	0.083	0.083
13	12/10/2015	11:13:48	0.082	0.083	0.083	0.083	0.083
14	12/10/2015	11:18:48	0.081	0.082	0.082	0.082	0.082
15	12/10/2015	11:23:48	0.077	0.078	0.078	0.078	0.079
16	12/10/2015	11:28:48	0.079	0.079	0.079	0.080	0.080
17	12/10/2015	11:33:48	0.082	0.083	0.083	0.084	0.084
18	12/10/2015	11:38:48	0.083	0.084	0.084	0.085	0.085
19	12/10/2015	11:43:48	0.084	0.085	0.085	0.086	0.086
20	12/10/2015	11:48:48	0.085	0.085	0.086	0.086	0.087
21	12/10/2015	11:53:48	0.083	0.084	0.084	0.085	0.085
22	12/10/2015	11:58:48	0.083	0.083	0.084	0.084	0.084
23	12/10/2015	12:03:48	0.081	0.082	0.082	0.083	0.083
24	12/10/2015	12:08:48	0.082	0.083	0.083	0.083	0.083
25	12/10/2015	12:13:48	0.084	0.085	0.085	0.086	0.086
26	12/10/2015	12:18:48	0.086	0.086	0.087	0.087	0.087
27	12/10/2015	12:23:48	0.087	0.088	0.088	0.089	0.089
28	12/10/2015	12:28:48	0.087	0.088	0.088	0.089	0.089
29	12/10/2015	12:33:48	0.087	0.088	0.088	0.089	0.089
30	12/10/2015	12:38:48	0.085	0.086	0.087	0.087	0.087
31	12/10/2015	12:43:48	0.083	0.084	0.084	0.085	0.085
32	12/10/2015	12:48:48	0.079	0.080	0.080	0.081	0.081
33	12/10/2015	12:53:48	0.079	0.080	0.080	0.080	0.081
34	12/10/2015	12:58:48	0.080	0.080	0.081	0.081	0.081
35	12/10/2015	13:03:48	0.074	0.075	0.075	0.076	0.076

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	12/10/2015	13:08:48	0.035	0.035	0.036	0.036	0.036
37	12/10/2015	13:13:48	0.020	0.021	0.021	0.022	0.022
38	12/10/2015	13:18:48	0.018	0.018	0.019	0.019	0.019
39	12/10/2015	13:23:48	0.016	0.017	0.017	0.018	0.018
40	12/10/2015	13:28:48	0.014	0.014	0.015	0.015	0.015
41	12/10/2015	13:33:48	0.014	0.014	0.014	0.015	0.015
42	12/10/2015	13:38:48	0.012	0.012	0.012	0.013	0.013
43	12/10/2015	13:43:48	0.013	0.013	0.014	0.014	0.014
44	12/10/2015	13:48:48	0.015	0.016	0.016	0.017	0.017
45	12/10/2015	13:53:48	0.015	0.016	0.016	0.016	0.016
46	12/10/2015	13:58:48	0.016	0.017	0.017	0.018	0.018

**Monitoring Results / Reports**  
**(Wednesday, December 16, 2015)**

<b>ACTIVITY</b>	<b>SERIAL NUMBER</b>	<b>LOCATION</b>
EX-108 Gutter and Spouts East	8533141005	Downwind



Exide Technologies  
2700 Indiana Street  
Vernon, CA 90058

12/16/2015 EX-108

# Test 014

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	12/16/2015
Instrument S/N	8533141005	Start Time	09:48:10
		Stop Date	12/16/2015
		Stop Time	14:18:10
		Total Time	0:04:30:00
		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	12/16/2015	09:53:10	0.009	0.010	0.010	0.010	0.011
2	12/16/2015	09:58:10	0.010	0.010	0.011	0.011	0.011
3	12/16/2015	10:03:10	0.011	0.011	0.011	0.012	0.012
4	12/16/2015	10:08:10	0.011	0.011	0.011	0.012	0.012
5	12/16/2015	10:13:10	0.011	0.012	0.012	0.013	0.013
6	12/16/2015	10:18:10	0.011	0.012	0.012	0.012	0.012
7	12/16/2015	10:23:10	0.010	0.010	0.011	0.011	0.011
8	12/16/2015	10:28:10	0.010	0.010	0.010	0.010	0.011
9	12/16/2015	10:33:10	0.010	0.010	0.010	0.010	0.011
10	12/16/2015	10:38:10	0.011	0.011	0.011	0.011	0.012
11	12/16/2015	10:43:10	0.010	0.010	0.011	0.011	0.011
12	12/16/2015	10:48:10	0.010	0.010	0.010	0.011	0.011
13	12/16/2015	10:53:10	0.010	0.011	0.011	0.011	0.011
14	12/16/2015	10:58:10	0.011	0.011	0.011	0.012	0.012
15	12/16/2015	11:03:10	0.011	0.011	0.011	0.011	0.012
16	12/16/2015	11:08:10	0.011	0.011	0.011	0.012	0.012
17	12/16/2015	11:13:10	0.011	0.011	0.011	0.012	0.012
18	12/16/2015	11:18:10	0.011	0.012	0.012	0.012	0.012
19	12/16/2015	11:23:10	0.010	0.010	0.011	0.011	0.011
20	12/16/2015	11:28:10	0.009	0.009	0.009	0.010	0.010
21	12/16/2015	11:33:10	0.009	0.009	0.009	0.010	0.010
22	12/16/2015	11:38:10	0.010	0.011	0.011	0.011	0.011
23	12/16/2015	11:43:10	0.011	0.012	0.012	0.012	0.012
24	12/16/2015	11:48:10	0.012	0.012	0.012	0.012	0.013
25	12/16/2015	11:53:10	0.012	0.012	0.012	0.013	0.013
26	12/16/2015	11:58:10	0.011	0.012	0.012	0.012	0.013
27	12/16/2015	12:03:10	0.015	0.015	0.015	0.016	0.016
28	12/16/2015	12:08:10	0.016	0.016	0.016	0.017	0.017
29	12/16/2015	12:13:10	0.016	0.016	0.016	0.017	0.017
30	12/16/2015	12:18:10	0.016	0.016	0.016	0.017	0.017
31	12/16/2015	12:23:10	0.014	0.014	0.015	0.015	0.015
32	12/16/2015	12:28:10	0.014	0.014	0.014	0.015	0.015
33	12/16/2015	12:33:10	0.013	0.014	0.014	0.014	0.014
34	12/16/2015	12:38:10	0.013	0.013	0.014	0.014	0.014
35	12/16/2015	12:43:10	0.017	0.017	0.017	0.018	0.018

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	12/16/2015	12:48:10	0.015	0.015	0.015	0.016	0.016
37	12/16/2015	12:53:10	0.017	0.017	0.017	0.017	0.017
38	12/16/2015	12:58:10	0.019	0.020	0.020	0.020	0.020
39	12/16/2015	13:03:10	0.016	0.016	0.016	0.017	0.017
40	12/16/2015	13:08:10	0.013	0.014	0.014	0.014	0.014
41	12/16/2015	13:13:10	0.013	0.013	0.014	0.014	0.014
42	12/16/2015	13:18:10	0.010	0.010	0.010	0.010	0.011
43	12/16/2015	13:23:10	0.006	0.007	0.007	0.007	0.007
44	12/16/2015	13:28:10	0.006	0.006	0.007	0.007	0.007
45	12/16/2015	13:33:10	0.006	0.006	0.007	0.007	0.007
46	12/16/2015	13:38:10	0.006	0.006	0.006	0.006	0.006
47	12/16/2015	13:43:10	0.006	0.006	0.006	0.007	0.007
48	12/16/2015	13:48:10	0.007	0.007	0.008	0.008	0.008
49	12/16/2015	13:53:10	0.007	0.008	0.008	0.008	0.008
50	12/16/2015	13:58:10	0.007	0.007	0.007	0.008	0.008
51	12/16/2015	14:03:10	0.006	0.007	0.007	0.007	0.007
52	12/16/2015	14:08:10	0.005	0.005	0.005	0.005	0.005
53	12/16/2015	14:13:10	0.005	0.005	0.005	0.005	0.005
54	12/16/2015	14:18:10	0.006	0.006	0.006	0.007	0.007