



SOUTH COAST AQMD  
CLERK OF THE BOARDS

December 8, 2015

CN: 15279

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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 # 64 (11/26/15 – 12/2/15)**

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 November 26, 2015 through December 2, 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

Installation of risers on the storm water manhole sensor covers. Exide is installing risers on the sensor covers to prevent any wash down or rain water to enter the sensor

**Tetra Tech BAS, Inc.**

1360 Valley Vista Drive, Diamond Bar, CA 91765  
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area. The existing covers are not able to keep water from leaking into the sensor area. Exide will install a total of 24 risers throughout the storm water piping system on the North, West and South yards. This work began on December 1, 2015. Exide personnel installed the first riser and will now test the riser for a 7 day period to insure that the repair method is appropriate.

Verification activities included:

- Visual inspection of the completed installation to verify that the area was clean.

Gutters and Spouts East

Advanced Construction began installation of gutters on the north end of the East portion Total Enclosure Building on Tuesday, December 1, 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. Installation of the new gutters will continue into 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. 3 – Dec. 9	<ul style="list-style-type: none"> <li>• Install Gutters and Spouts East Continues</li> <li>• Install Riser of Stormwater Sensor Covers Continues</li> </ul>

Week	Anticipated Activities
Dec. 10 - Dec. 16	<ul style="list-style-type: none"> <li>• Install Gutters and Spouts East Continues</li> <li>• Install Riser on Stormwater Sensor Covers Continues</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:

- None.

POTENTIAL CHANGES AND ACTION ITEMS REQUIRING RESOLUTION:

The following items require resolution:

- None at this time.

SUMMARY:

The summary provided herein covers the activities for the period of November 26, 2015 through December 2, 2015. No mitigation plan work occurred on Thursday, November 26, 2015 and Friday, November 27, 2015 due to the Thanksgiving Holiday. 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 11/26/15 – 12/16/15

*Rev: 12/03/2015*



Recycling Division, Vernon, CA

Mitigation Plan Risks	Task Name	Plant Location	Duration	Start Date	Finish Date	%	Gantt Chart															
							11/28/15				12/05/15				12/12/15							
							26	27	28	29	30	01	02	03	04	05	06	07	08	09	10	11
Ex 72	Cleaning of Assorted Materials in Total Enclosure	Total Enclosure	406 days	11/20/14	12/31/15	80%	[Gantt bars for Ex 72: 11/20/14 to 12/31/15]															
Ex 76	Various Work Methods in Total Enclosure	Total Enclosure	405 days	11/21/14	12/31/15	80%	[Gantt bars for Ex 76: 11/21/14 to 12/31/15]															
4	RCRA RFI Soil Sampling	General	316 days	2/18/15	12/31/15	97%	[Gantt bars for 4: 2/18/15 to 12/31/15]															
Ex 83	RFI Soil Sampling Supplemental	General	316 days	2/18/15	12/31/15	97%	[Gantt bars for Ex 83: 2/18/15 to 12/31/15]															
Ex 106	Repairing City Water Line at East Fence	East Fence North Yard	1 day	12/11/15	12/11/15	0%	[Gantt bar for Ex 106: 12/11/15]															
Ex 107	Install Riser on Storm Water Sensor Covers	General	15 days	12/1/15	12/30/15	1%	[Gantt bar for Ex 107: 12/1/15 to 12/30/15]															
Ex 108	Install Roof Gutters & Spouts BH Bldg East	Total Enclosure Roof	15 days	12/1/15	12/30/15	1%	[Gantt bar for Ex 108: 12/1/15 to 12/30/15]															

*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 11/26/15 – 12/16/15**

**Rev: 12/03/15**

## 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

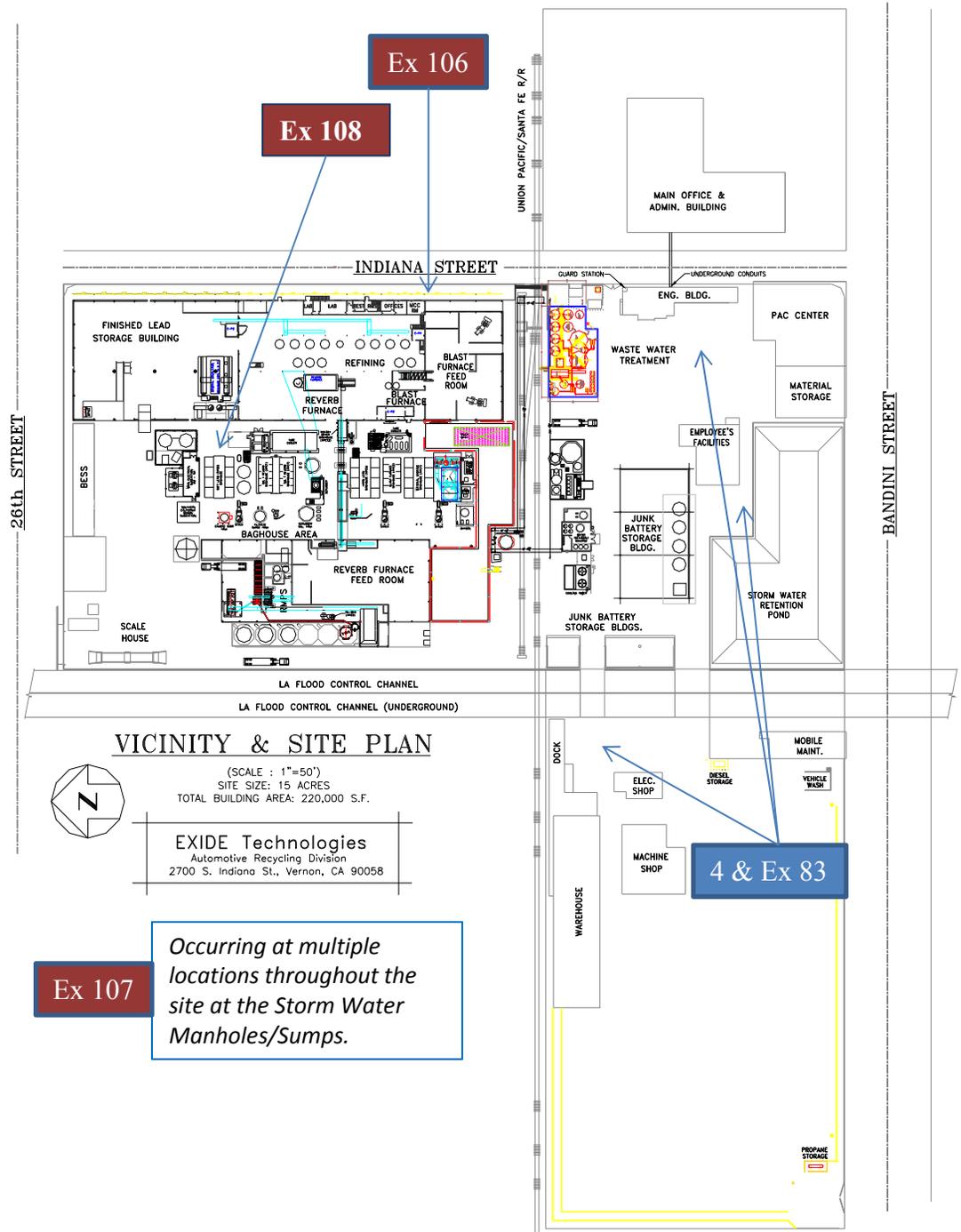
EX 106. Repairing City Water Pipe at East Fence

Ex 107. Install Risers on Storm Water Sensor Covers

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

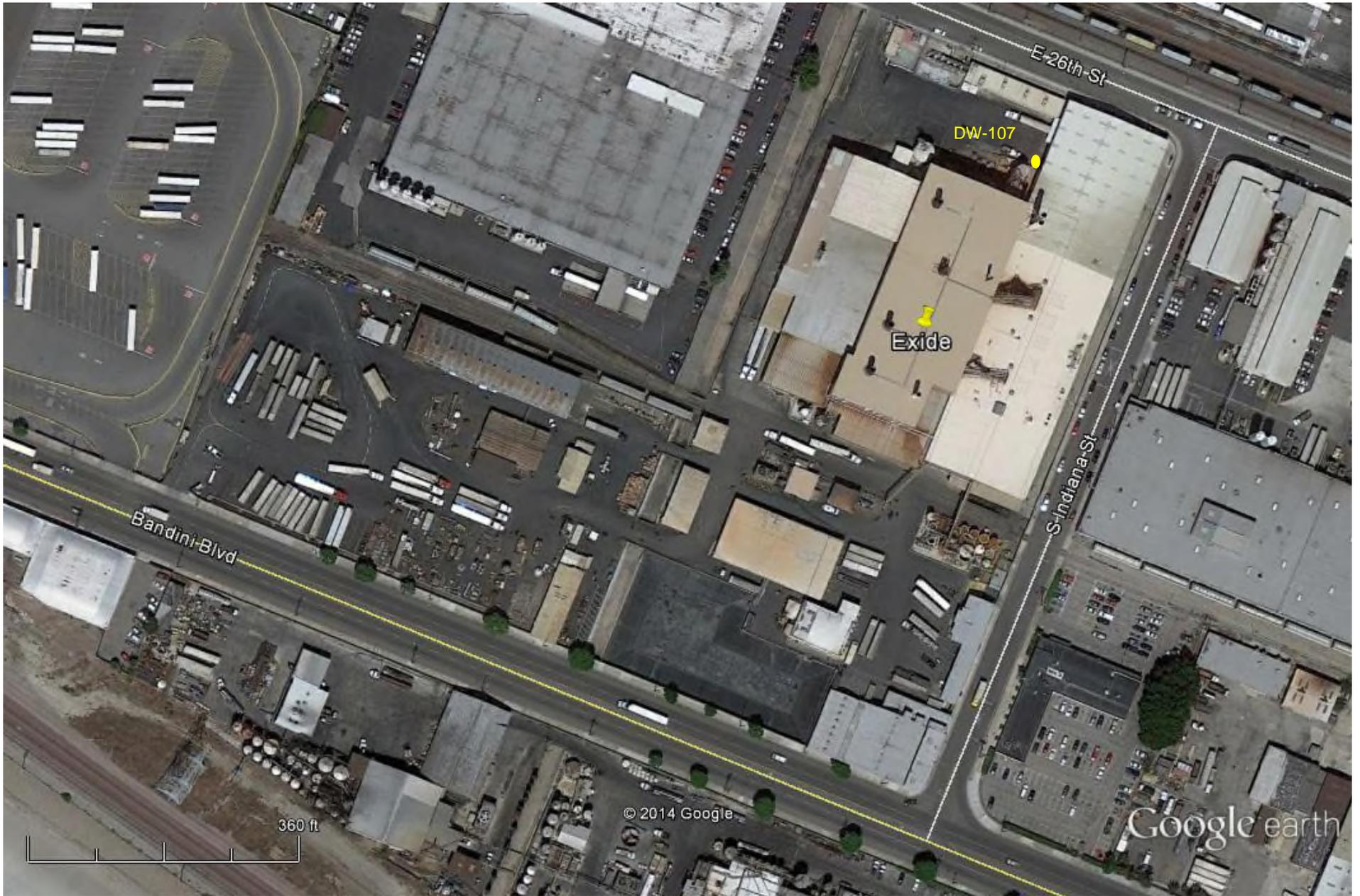
Numbering system correlates with Mitigation plan document. Ex refers to additional work part of Sec. 6b in the Mitigation plan document.

Mitigation Schedule and Map\_12/03/15.pptx



**Monitoring Results / Reports**  
**(Tuesday, December 1, 2015)**

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



Exide Technologies  
2700 Indiana Street  
Vernon, CA 90058

12/1/2015 EX-107

# Test 009

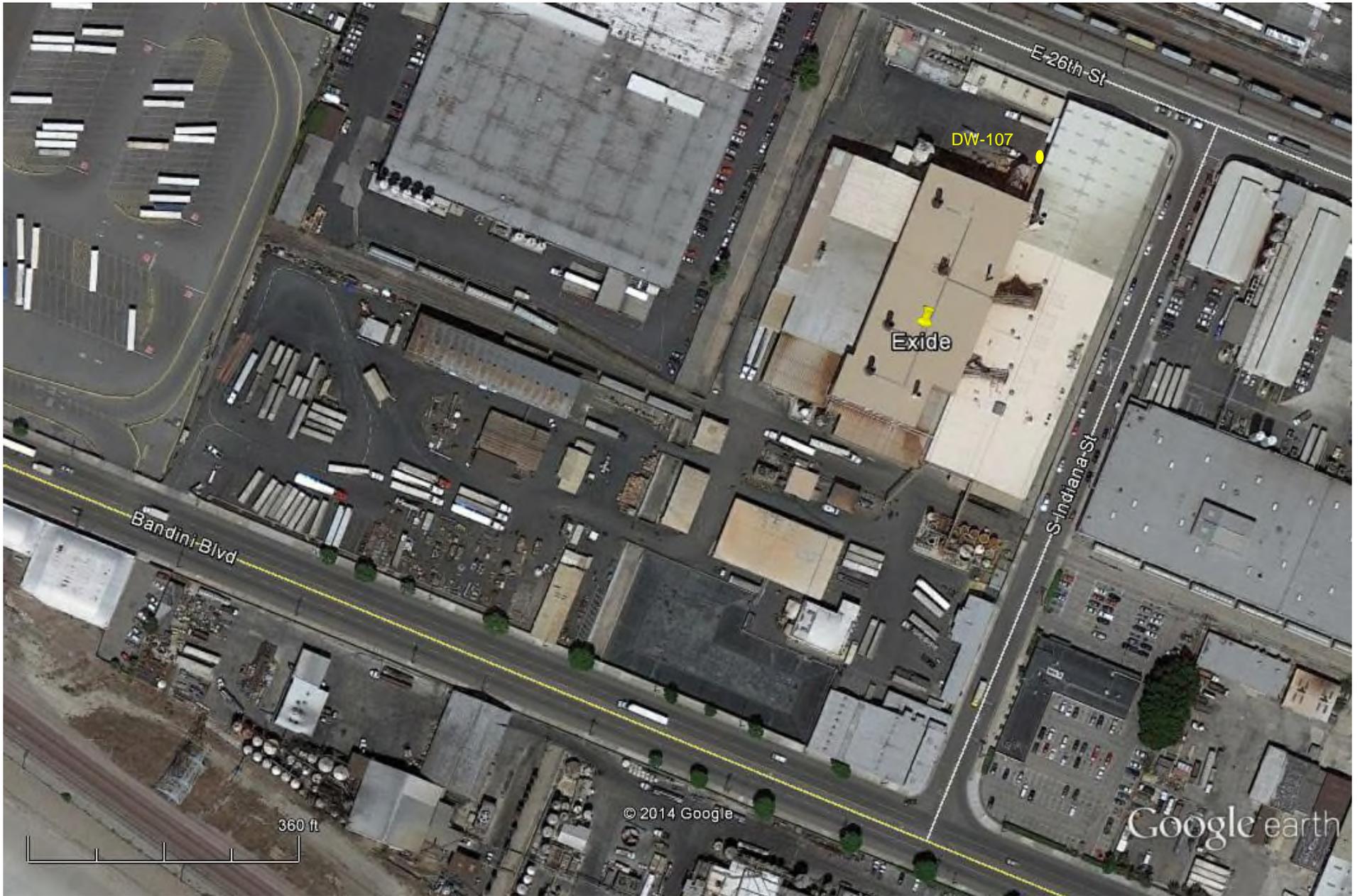
Instrument		Data Properties	
Model	DustTrak DRX	Start Date	12/01/2015
Instrument S/N	8533141005	Start Time	11:01:26
		Stop Date	12/01/2015
		Stop Time	14:41:26
		Total Time	0:03:40:00
		Logging Interval	300 seconds

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	12/01/2015	11:06:26	0.025	0.026	0.026	0.028	0.028
2	12/01/2015	11:11:26	0.024	0.025	0.025	0.027	0.027
3	12/01/2015	11:16:26	0.022	0.023	0.023	0.024	0.025
4	12/01/2015	11:21:26	0.022	0.023	0.023	0.025	0.025
5	12/01/2015	11:26:26	0.025	0.025	0.026	0.027	0.028
6	12/01/2015	11:31:26	0.025	0.026	0.026	0.028	0.028
7	12/01/2015	11:36:26	0.024	0.024	0.025	0.026	0.026
8	12/01/2015	11:41:26	0.024	0.024	0.025	0.026	0.026
9	12/01/2015	11:46:26	0.022	0.023	0.024	0.025	0.026
10	12/01/2015	11:51:26	0.022	0.023	0.023	0.025	0.025
11	12/01/2015	11:56:26	0.022	0.022	0.023	0.024	0.024
12	12/01/2015	12:01:26	0.022	0.023	0.023	0.025	0.025
13	12/01/2015	12:06:26	0.024	0.024	0.025	0.026	0.027
14	12/01/2015	12:11:26	0.024	0.024	0.025	0.026	0.027
15	12/01/2015	12:16:26	0.025	0.026	0.027	0.028	0.028
16	12/01/2015	12:21:26	0.025	0.025	0.026	0.027	0.028
17	12/01/2015	12:26:26	0.022	0.022	0.023	0.024	0.024
18	12/01/2015	12:31:26	0.020	0.020	0.021	0.022	0.022
19	12/01/2015	12:36:26	0.020	0.021	0.021	0.023	0.023
20	12/01/2015	12:41:26	0.020	0.021	0.021	0.023	0.023
21	12/01/2015	12:46:26	0.018	0.018	0.019	0.020	0.020
22	12/01/2015	12:51:26	0.017	0.018	0.018	0.019	0.020
23	12/01/2015	12:56:26	0.022	0.023	0.023	0.025	0.025
24	12/01/2015	13:01:26	0.022	0.023	0.023	0.025	0.025
25	12/01/2015	13:06:26	0.023	0.024	0.025	0.026	0.026
26	12/01/2015	13:11:26	0.023	0.024	0.024	0.025	0.026
27	12/01/2015	13:16:26	0.025	0.026	0.026	0.028	0.028
28	12/01/2015	13:21:26	0.019	0.020	0.020	0.021	0.022
29	12/01/2015	13:26:26	0.024	0.024	0.025	0.027	0.027
30	12/01/2015	13:31:26	0.026	0.027	0.028	0.030	0.030
31	12/01/2015	13:36:26	0.027	0.028	0.029	0.031	0.031
32	12/01/2015	13:41:26	0.025	0.025	0.026	0.028	0.028
33	12/01/2015	13:46:26	0.026	0.027	0.028	0.029	0.030
34	12/01/2015	13:51:26	0.040	0.042	0.042	0.044	0.044
35	12/01/2015	13:56:26	0.047	0.049	0.049	0.050	0.051
36	12/01/2015	14:01:26	0.033	0.034	0.034	0.036	0.036
37	12/01/2015	14:06:26	0.027	0.027	0.028	0.029	0.030
38	12/01/2015	14:11:26	0.025	0.025	0.025	0.027	0.027

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>
39	12/01/2015	14:16:26	0.033	0.034	0.035	0.036	0.036
40	12/01/2015	14:21:26	0.034	0.035	0.036	0.037	0.037
41	12/01/2015	14:26:26	0.033	0.034	0.034	0.035	0.035
42	12/01/2015	14:31:26	0.033	0.034	0.034	0.035	0.036
43	12/01/2015	14:36:26	0.025	0.026	0.026	0.027	0.028
44	12/01/2015	14:41:26	0.024	0.024	0.025	0.026	0.026

**Monitoring Results / Reports**  
**(Wednesday, December 2, 2015)**

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



Exide Technologies  
2700 Indiana Street  
Vernon, CA 90058

12/2/2015 EX-107

# Test 010

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	12/02/2015
Instrument S/N	8533141005	Start Time	09:27:51
		Stop Date	12/02/2015
		Stop Time	11:37:51
		Total Time	0:02:10:00
		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	12/02/2015	09:32:51	0.006	0.007	0.007	0.009	0.010
2	12/02/2015	09:37:51	0.005	0.006	0.006	0.007	0.007
3	12/02/2015	09:42:51	0.005	0.005	0.006	0.007	0.007
4	12/02/2015	09:47:51	0.005	0.005	0.006	0.007	0.007
5	12/02/2015	09:52:51	0.005	0.005	0.005	0.007	0.007
6	12/02/2015	09:57:51	0.005	0.006	0.006	0.008	0.008
7	12/02/2015	10:02:51	0.005	0.006	0.006	0.007	0.007
8	12/02/2015	10:07:51	0.005	0.005	0.005	0.007	0.007
9	12/02/2015	10:12:51	0.004	0.005	0.005	0.006	0.006
10	12/02/2015	10:17:51	0.004	0.004	0.005	0.005	0.006
11	12/02/2015	10:22:51	0.005	0.006	0.006	0.007	0.007
12	12/02/2015	10:27:51	0.007	0.007	0.008	0.009	0.009
13	12/02/2015	10:32:51	0.005	0.005	0.005	0.006	0.006
14	12/02/2015	10:37:51	0.004	0.005	0.005	0.006	0.006
15	12/02/2015	10:42:51	0.005	0.005	0.005	0.006	0.006
16	12/02/2015	10:47:51	0.004	0.005	0.005	0.006	0.006
17	12/02/2015	10:52:51	0.007	0.008	0.008	0.009	0.009
18	12/02/2015	10:57:51	0.005	0.005	0.006	0.006	0.006
19	12/02/2015	11:02:51	0.006	0.006	0.006	0.007	0.008
20	12/02/2015	11:07:51	0.008	0.008	0.009	0.010	0.010
21	12/02/2015	11:12:51	0.008	0.008	0.009	0.010	0.010
22	12/02/2015	11:17:51	0.007	0.007	0.008	0.008	0.009
23	12/02/2015	11:22:51	0.005	0.005	0.006	0.006	0.007
24	12/02/2015	11:27:51	0.005	0.006	0.006	0.007	0.007
25	12/02/2015	11:32:51	0.006	0.006	0.007	0.007	0.007
26	12/02/2015	11:37:51	0.005	0.006	0.006	0.007	0.007