

December 22, 2016

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

**\*16 DEC 22 P4:00**

**PROJECT: EXIDE TECHNOLOGIES FACILITY ID NO. 124838,  
 ORDER FOR ABATEMENT CASE NO. 3151-32**  
**RE: WEEKLY STATUS REPORT # 118 (12/8/16 – 12/14/16)**

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 8, 2016 through December 14, 2016.

**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*
EX115	Sediment Removal from Equalization Tanks	Maintain Wetted Surfaces

\* Dust Trak monitoring performed for this work item.

**RCRA RFI Soil Sampling**

RCRA RFI Soil Sampling continued on Thursday, December 8, 2016 in the South Yard area. Advanced Geoscience and their subcontractors Cascade Drilling, and Avocet continued RCRA RFI Soil Sampling and well installation in accordance with their DTSC approved work plan. Activities included the logging and processing of samples collected at each boring location, the installation of a groundwater monitoring well and the installation of soil vapor probes. Activities in the South Yard area were completed on Friday, December 9, 2016 and that concluded the onsite activities for the current DTSC approved work plan for supplemental RCRA RFI Soil Sampling.

**Tetra Tech BAS, Inc.**

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

Tetra Tech personnel were onsite to verify that RCRA RFI Soil Sampling activities were completed in accordance with the SCAQMD approved mitigation plans and the DTSC approved work plan. RCRA RFI Soil Sampling will continue into the next reporting period.

Verification activities included:

- Upwind and Downwind Dust Trak monitoring when activities were conducted outside of the Total Enclosure Building to monitor for fugitive dust emissions. Review of Dust Trak data did not indicate that work associated with the RCRA RFI Soil Sampling was generating fugitive dust emissions.

Sediment Removal from Equalization Tanks

No work occurred related to the sediment removal from the Equalization Tanks. Removal of sediment from Equalization Tank #1 will occur during a future reporting period when it will not impact water treatment 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 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.

<b>TASK</b>	<b>STATUS</b>
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. 15 – Dec. 21	<ul style="list-style-type: none"> <li>• None at this time</li> </ul>

<b>Week</b>	<b>Anticipated Activities</b>
Dec. 22 - Dec. 28	<ul style="list-style-type: none"> <li>• None at this time</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 8, 2016 through December 14, 2016. Tetra Tech personnel were onsite to attend a routine weekly meeting on Thursday, December 8, 2016 and Monday, December 12, 2016 and to observe mitigation plan work conducted on Thursday, December 8, 2016 and Friday, December 9, 2016. 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 Data Sheets

## **Gant Chart Schedule**

# Project Schedule

## Week of 12/08/16 – 12/29/16

*Rev: 12/15/2016*



Recycling Division, Vernon, CA

Mitigation Plan Risks	Task Name	Plant Location	Duration	Start Date	Finish Date	%	12/10/16							12/17/16							12/24/16												
							08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29					
Ex 72	Cleaning of Assorted Materials in Total Enclosure	Total Enclosure	772 days	1/20/14	12/31/16	80%																											
Ex 76	Various Work Methods in Total Enclosure	Total Enclosure	771 days	1/22/14	12/31/16	80%																											
4	RCRA RFI Soil Sampling	General	13 days	1/07/16	1/23/16	97%																											
Ex 83	RFI Soil Sampling Supplemental	General	13 days	1/07/16	1/23/16	97%																											
Ex 115	Sediment Removal from EQ Tanks	WWTP	-	3/7/16	12/31/16	50%																											

*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 12/08/16 – 12/29/16**

**Rev: 12/15/2016**

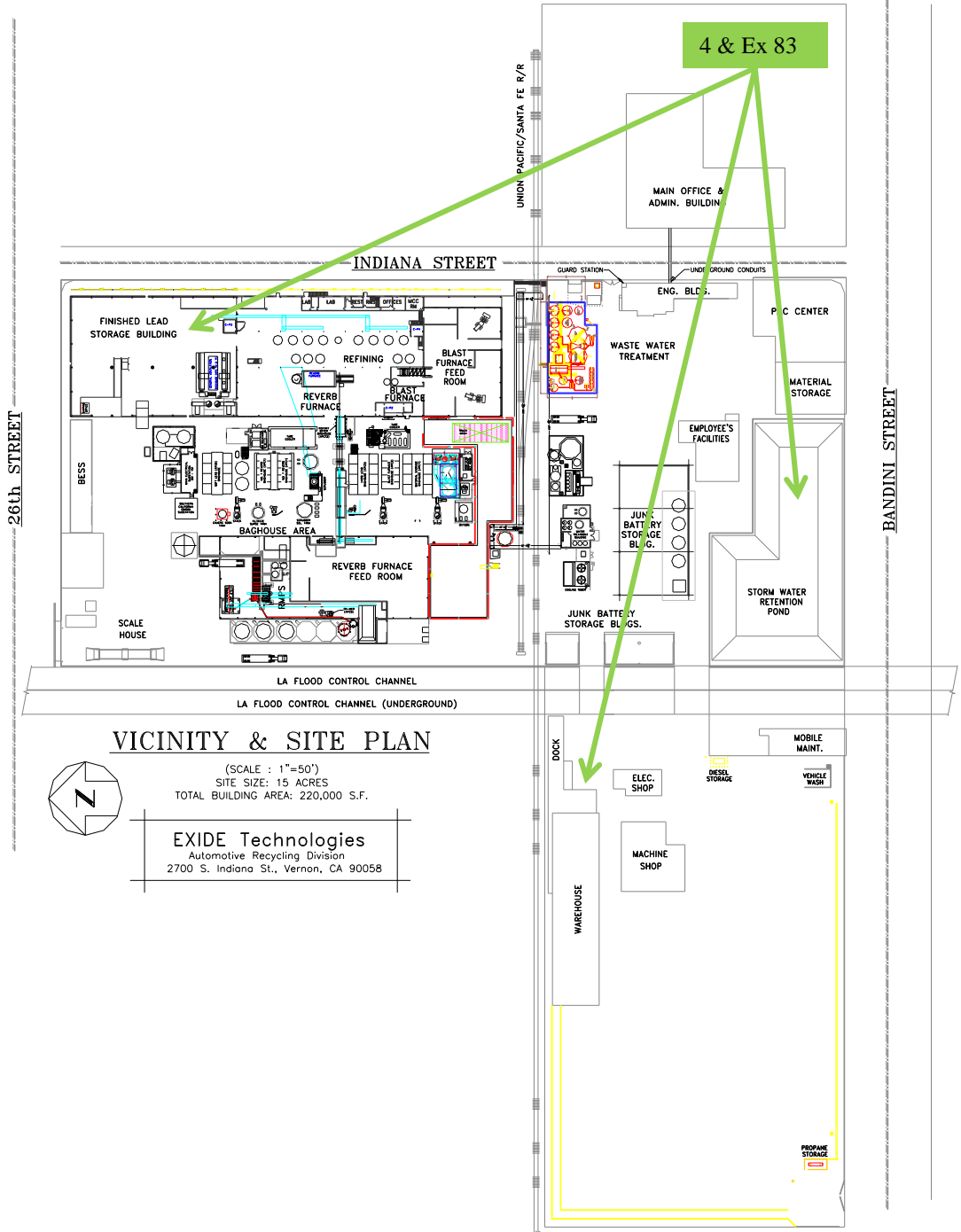
4. RCRA RFI Soil Sampling

Ex 83. RFI Soil Sampling Supplemental

Ex 72. Cleaning of Assorted Materials in Total Encl.

Ex 76. Various Work Methods in Total Enclosure

Ex 115. Sediment Removal from EQ Tanks



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



**Monitoring Results / Reports**  
**(Thursday, December 8, 2016)**

<b>ACTIVITY</b>	<b>SERIAL NUMBER</b>	<b>LOCATION</b>
EX 83/4 – RCRA RFI Soil Sampling	8533113401	Upwind
EX 83/4 – RCRA RFI Soil Sampling	8533152102	Downwind



Exide Technologies  
2700 Indiana Street  
Vernon, CA 90058

12/8/2016 EX-83/4

# Test 010

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	12/08/2016
Instrument S/N	8533113401	Start Time	06:47:58
		Stop Date	12/08/2016
		Stop Time	11:17:58
		Total Time	0:04:30:00
		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	12/08/2016	07:02:58	0.039	0.039	0.040	0.041	0.042
2	12/08/2016	07:17:58	0.051	0.052	0.052	0.053	0.053
3	12/08/2016	07:32:58	0.056	0.057	0.058	0.058	0.059
4	12/08/2016	07:47:58	0.071	0.072	0.073	0.074	0.074
5	12/08/2016	08:02:58	0.073	0.074	0.075	0.076	0.076
6	12/08/2016	08:17:58	0.066	0.066	0.067	0.068	0.068
7	12/08/2016	08:32:58	0.067	0.068	0.068	0.069	0.069
8	12/08/2016	08:47:58	0.072	0.073	0.073	0.074	0.074
9	12/08/2016	09:02:58	0.073	0.074	0.075	0.076	0.076
10	12/08/2016	09:17:58	0.076	0.077	0.077	0.078	0.078
11	12/08/2016	09:32:58	0.080	0.080	0.081	0.082	0.082
12	12/08/2016	09:47:58	0.081	0.081	0.082	0.083	0.083
13	12/08/2016	10:02:58	0.079	0.080	0.081	0.082	0.082
14	12/08/2016	10:17:58	0.076	0.077	0.077	0.078	0.078
15	12/08/2016	10:32:58	0.066	0.066	0.067	0.068	0.068
16	12/08/2016	10:47:58	0.065	0.066	0.066	0.067	0.067
17	12/08/2016	11:02:58	0.065	0.065	0.066	0.067	0.067
18	12/08/2016	11:17:58	0.063	0.063	0.064	0.065	0.065

# Test 002

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	12/08/2016
Instrument S/N	8533152102	Start Time	06:41:55
		Stop Date	12/08/2016
		Stop Time	11:11:55
		Total Time	0:04:30:00
		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	12/08/2016	06:56:55	0.030	0.032	0.033	0.034	0.035
2	12/08/2016	07:11:55	0.041	0.043	0.044	0.045	0.045
3	12/08/2016	07:26:55	0.050	0.052	0.053	0.054	0.054
4	12/08/2016	07:41:55	0.059	0.062	0.063	0.063	0.064
5	12/08/2016	07:56:55	0.071	0.074	0.075	0.076	0.076
6	12/08/2016	08:11:55	0.062	0.065	0.066	0.067	0.067
7	12/08/2016	08:26:55	0.062	0.064	0.065	0.066	0.067
8	12/08/2016	08:41:55	0.067	0.070	0.070	0.071	0.071
9	12/08/2016	08:56:55	0.065	0.068	0.068	0.069	0.070
10	12/08/2016	09:11:55	0.064	0.067	0.068	0.069	0.069
11	12/08/2016	09:26:55	0.064	0.067	0.067	0.068	0.069
12	12/08/2016	09:41:55	0.067	0.070	0.070	0.071	0.072
13	12/08/2016	09:56:55	0.069	0.072	0.073	0.074	0.075
14	12/08/2016	10:11:55	0.068	0.070	0.071	0.072	0.073
15	12/08/2016	10:26:55	0.058	0.061	0.061	0.062	0.063
16	12/08/2016	10:41:55	0.056	0.058	0.059	0.060	0.060
17	12/08/2016	10:56:55	0.054	0.057	0.058	0.058	0.059
18	12/08/2016	11:11:55	0.052	0.055	0.055	0.056	0.057

**Monitoring Results / Reports**  
**(Friday, December 9, 2016)**

<b>ACTIVITY</b>	<b>SERIAL NUMBER</b>	<b>LOCATION</b>
EX 83/4 – RCRA RFI Soil Sampling	8533152102	Upwind
EX 83/4 – RCRA RFI Soil Sampling	8533113401	Downwind



Exide Technologies  
2700 Indiana Street  
Vernon, CA 90058

12/9/2016 EX-83/4

# Test 003

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	12/09/2016
Instrument S/N	8533152102	Start Time	06:47:59
		Stop Date	12/09/2016
		Stop Time	15:17:59
		Total Time	0:08:30:00
		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	12/09/2016	07:02:59	0.047	0.049	0.050	0.052	0.052
2	12/09/2016	07:17:59	0.057	0.058	0.059	0.059	0.060
3	12/09/2016	07:32:59	0.048	0.049	0.050	0.051	0.052
4	12/09/2016	07:47:59	0.049	0.051	0.051	0.052	0.052
5	12/09/2016	08:02:59	0.057	0.059	0.060	0.061	0.061
6	12/09/2016	08:17:59	0.059	0.061	0.062	0.062	0.063
7	12/09/2016	08:32:59	0.052	0.054	0.055	0.055	0.056
8	12/09/2016	08:47:59	0.054	0.056	0.057	0.057	0.057
9	12/09/2016	09:02:59	0.054	0.056	0.056	0.057	0.057
10	12/09/2016	09:17:59	0.056	0.058	0.059	0.059	0.060
11	12/09/2016	09:32:59	0.065	0.067	0.067	0.068	0.068
12	12/09/2016	09:47:59	0.077	0.079	0.080	0.081	0.082
13	12/09/2016	10:02:59	0.074	0.076	0.076	0.077	0.078
14	12/09/2016	10:17:59	0.067	0.068	0.069	0.070	0.070
15	12/09/2016	10:32:59	0.065	0.067	0.067	0.068	0.068
16	12/09/2016	10:47:59	0.065	0.066	0.067	0.068	0.068
17	12/09/2016	11:02:59	0.065	0.066	0.067	0.067	0.068
18	12/09/2016	11:17:59	0.068	0.069	0.070	0.071	0.071
19	12/09/2016	11:32:59	0.069	0.071	0.072	0.073	0.073
20	12/09/2016	11:47:59	0.066	0.068	0.069	0.069	0.070
21	12/09/2016	12:02:59	0.051	0.052	0.052	0.053	0.053
22	12/09/2016	12:17:59	0.048	0.049	0.050	0.050	0.050
23	12/09/2016	12:32:59	0.056	0.058	0.058	0.059	0.059
24	12/09/2016	12:47:59	0.050	0.051	0.051	0.052	0.052
25	12/09/2016	13:02:59	0.047	0.048	0.048	0.049	0.049
26	12/09/2016	13:17:59	0.044	0.045	0.046	0.046	0.046
27	12/09/2016	13:32:59	0.044	0.045	0.045	0.045	0.046
28	12/09/2016	13:47:59	0.044	0.045	0.046	0.046	0.046
29	12/09/2016	14:02:59	0.046	0.047	0.048	0.048	0.048
30	12/09/2016	14:17:59	0.049	0.050	0.050	0.051	0.051
31	12/09/2016	14:32:59	0.050	0.051	0.052	0.052	0.052
32	12/09/2016	14:47:59	0.049	0.050	0.051	0.051	0.051
33	12/09/2016	15:02:59	0.035	0.036	0.036	0.036	0.036
34	12/09/2016	15:17:59	0.028	0.029	0.029	0.029	0.030

# Test 011

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	12/09/2016
Instrument S/N	8533113401	Start Time	06:52:18
		Stop Date	12/09/2016
		Stop Time	15:22:18
		Total Time	0:08:30:00
		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	12/09/2016	07:07:18	0.050	0.050	0.051	0.052	0.052
2	12/09/2016	07:22:18	0.052	0.052	0.053	0.053	0.053
3	12/09/2016	07:37:18	0.046	0.047	0.048	0.049	0.049
4	12/09/2016	07:52:18	0.048	0.048	0.048	0.049	0.049
5	12/09/2016	08:07:18	0.055	0.056	0.056	0.057	0.057
6	12/09/2016	08:22:18	0.054	0.055	0.055	0.056	0.056
7	12/09/2016	08:37:18	0.049	0.049	0.050	0.050	0.050
8	12/09/2016	08:52:18	0.053	0.053	0.054	0.055	0.055
9	12/09/2016	09:07:18	0.051	0.052	0.052	0.053	0.053
10	12/09/2016	09:22:18	0.055	0.056	0.056	0.057	0.057
11	12/09/2016	09:37:18	0.066	0.066	0.067	0.068	0.068
12	12/09/2016	09:52:18	0.077	0.077	0.078	0.079	0.080
13	12/09/2016	10:07:18	0.072	0.073	0.073	0.075	0.075
14	12/09/2016	10:22:18	0.066	0.066	0.066	0.067	0.067
15	12/09/2016	10:37:18	0.065	0.066	0.066	0.067	0.067
16	12/09/2016	10:52:18	0.066	0.067	0.067	0.068	0.068
17	12/09/2016	11:07:18	0.067	0.067	0.068	0.068	0.068
18	12/09/2016	11:22:18	0.070	0.070	0.071	0.071	0.071
19	12/09/2016	11:37:18	0.071	0.072	0.072	0.073	0.073
20	12/09/2016	11:52:18	0.066	0.067	0.067	0.068	0.068
21	12/09/2016	12:07:18	0.054	0.054	0.054	0.055	0.055
22	12/09/2016	12:22:18	0.052	0.052	0.052	0.053	0.053
23	12/09/2016	12:37:18	0.053	0.054	0.054	0.055	0.055
24	12/09/2016	12:52:18	0.054	0.055	0.055	0.056	0.056
25	12/09/2016	13:07:18	0.052	0.052	0.052	0.053	0.053
26	12/09/2016	13:22:18	0.049	0.049	0.050	0.050	0.050
27	12/09/2016	13:37:18	0.049	0.049	0.049	0.050	0.050
28	12/09/2016	13:52:18	0.050	0.050	0.050	0.051	0.051
29	12/09/2016	14:07:18	0.052	0.052	0.053	0.053	0.054
30	12/09/2016	14:22:18	0.054	0.055	0.055	0.056	0.056
31	12/09/2016	14:37:18	0.056	0.056	0.056	0.057	0.057
32	12/09/2016	14:52:18	0.055	0.055	0.055	0.056	0.056
33	12/09/2016	15:07:18	0.039	0.039	0.039	0.039	0.039
34	12/09/2016	15:22:18	0.033	0.033	0.033	0.033	0.033