

September 22, 2016

CN: 15279

**'16 SEP 22 P2:10**

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. 124838,  
 ORDER FOR ABATEMENT CASE NO. 3151-32**  
**RE: WEEKLY STATUS REPORT # 105 (9/8/16 – 9/14/16)**

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 September 8, 2016 through September 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
EX 120	Remove Linde LOX Equipment	Pressure wash, Temporary Enclosure Under Negative Pressure*

\* 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.**

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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.

Removal of Linde LOX Equipment

Exide and its subcontractor, Castlerock completed clean up and removal of the temporary enclosure constructed for the removal of the liquid oxygen (LOX) equipment on Thursday, September 8, 2016. The activities were completed in accordance with the approved mitigation plan. Tetra Tech personnel were onsite to monitor work related to the removal of the temporary enclosure including upwind and downwind Dust Trak monitoring.

Verification activities included:

- Visual observation of the removal activities to verify compliance with the SCAQMD approved mitigation plan.
- Upwind and Downwind Dust Trak monitoring of the areas when activities were conducted, to monitor for fugitive dust emissions. Review of Dust Trak data did not indicate that work associated with removal of the Linde LOX Equipment 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:

Week	Anticipated Activities
Sept. 15 – Sept. 21	<ul style="list-style-type: none"> <li>• None at this time</li> </ul>

Week	Anticipated Activities
Sept. 22 - Sept. 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 Removal of Linde LOX Equipment 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 September 8, 2016 through September 14, 2016. Tetra Tech personnel were onsite to attend routine weekly meetings on Thursday, September 8, 2016 and Monday, September 12, 2016, and on Thursday, September 8, 2016 to observe activities associated with the removal of the Linde LOX equipment. 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 09/07/16 – 09/29/16

*Rev: 09/15/2016*

 <span style="margin-left: 100px;">Recycling Division, Vernon, CA</span>							09/10/16		09/17/16			09/24/16			10/01/16								
							07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Ex 72	Cleaning of Assorted Materials in Total Enclosure	Total Enclosure	619 days	1/20/14	07/31/16	80%																	
Ex 76	Various Work Methods in Total Enclosure	Total Enclosure	618 days	1/21/14	07/31/16	80%																	
4	RCRA RFI Soil Sampling	General	529 days	2/18/15	07/31/16	97%																	
Ex 83	RFI Soil Sampling Supplemental	General	529 days	02/18/15	07/31/16	97%																	
Ex 115	Sediment Removal from EQ Tanks	WWTP	5 days	3/7/16	07/31/16	50%																	
Ex 120	Remove Linde LOX Equip	South of Total Enclosure	14 days	8/29/16	09/16/16	100%																	

*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 09/07/16 – 09/29/16**

**Rev: 09/15/2016**

## 4. RCRA RFI Soil Sampling

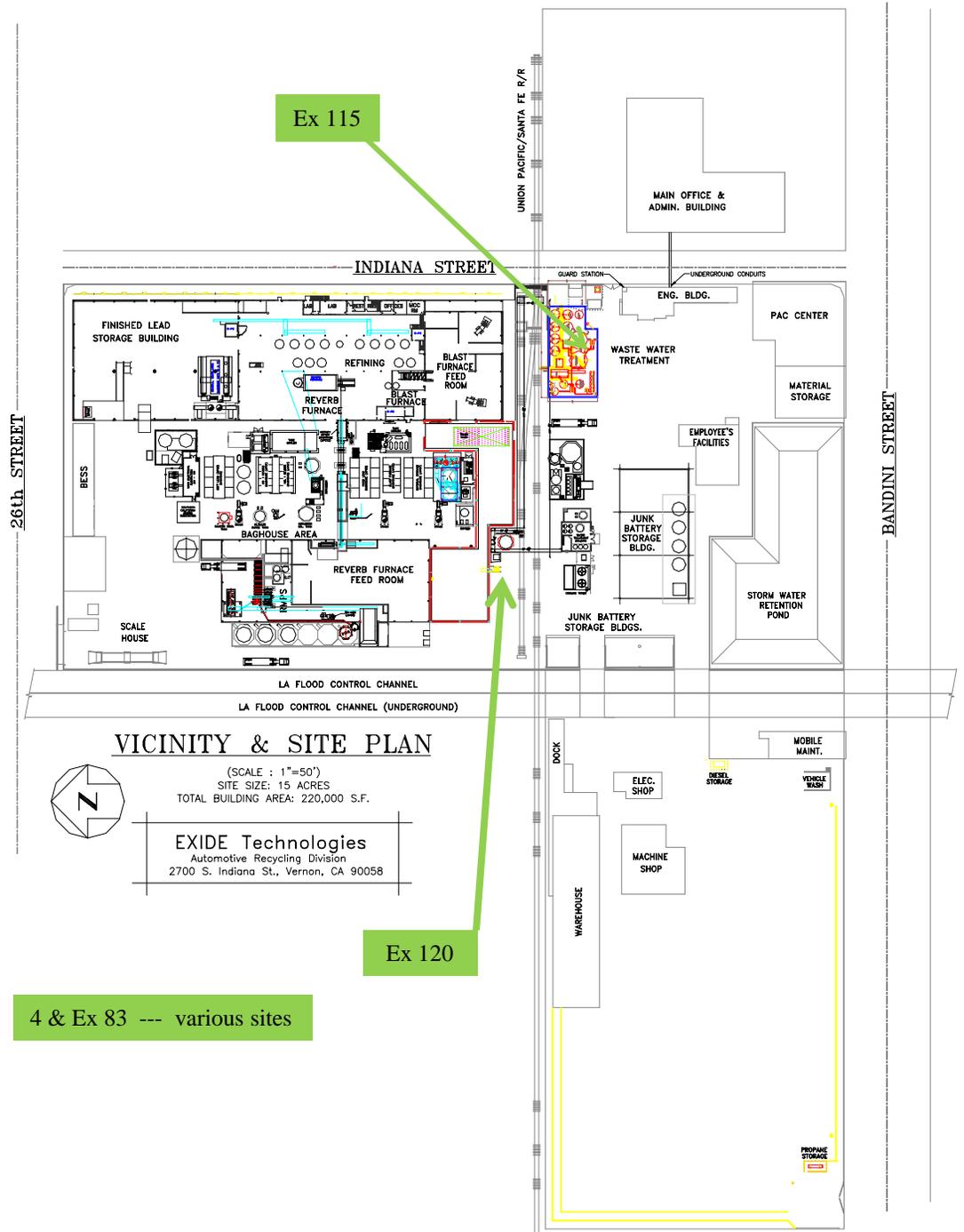
Ex 83. RFI Soil Sampling Supplemental

Ex 72. Cleaning of Assorted Materials in Total Encl.

Ex 76. Various Work Methods in Total Enclosure

Ex 115. Sediment Removal from EQ Tanks

Ex 120 Remove Linde LOX Equip

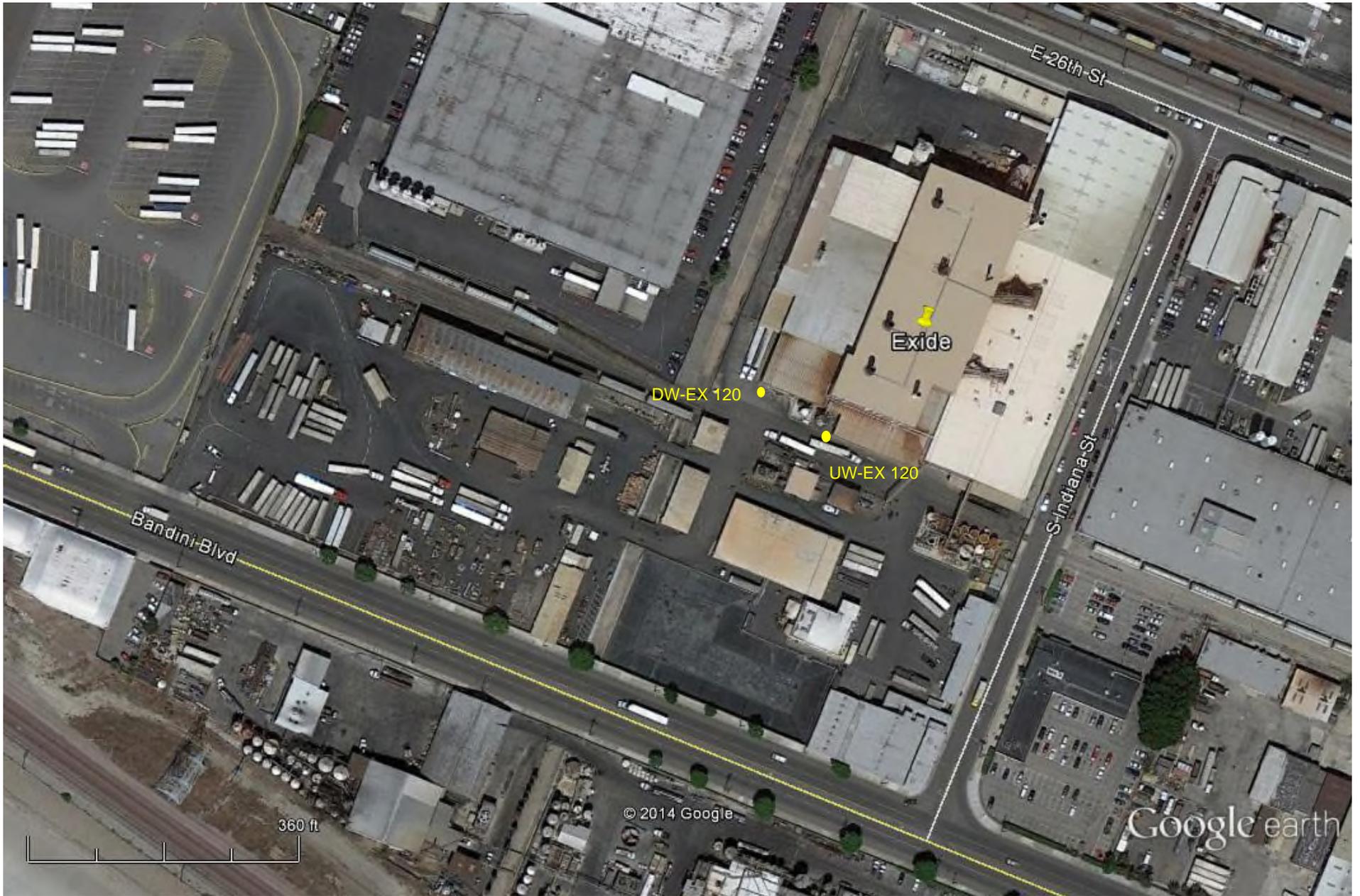


Numbering system correlates with Mitigation plan document. Ex refers to additional work part of Sec. 6b in the Mitigation plan document.

Mitigation Schedule and Map\_09/15/2016.pptx

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

<b>ACTIVITY</b>	<b>SERIAL NUMBER</b>	<b>LOCATION</b>
EX 120 – Remove Linde LOX Equipment	8533113401	Upwind
EX 120 – Remove Linde LOX Equipment	8533151002	Downwind



Exide Technologies  
2700 Indiana Street  
Vernon, CA 90058

9/8/2016 EX 120

# Test 005

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	09/08/2016
Instrument S/N	8533113401	Start Time	09:20:24
		Stop Date	09/08/2016
		Stop Time	10:20:24
		Total Time	0:01:00:00
		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	09/08/2016	09:35:24	0.032	0.032	0.032	0.033	0.033
2	09/08/2016	09:50:24	0.032	0.032	0.032	0.033	0.033
3	09/08/2016	10:05:24	0.030	0.030	0.030	0.031	0.031
4	09/08/2016	10:20:24	0.032	0.032	0.032	0.033	0.033

# Test 005

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	09/08/2016
Instrument S/N	8533151002	Start Time	07:05:14
		Stop Date	09/08/2016
		Stop Time	10:20:14
		Total Time	0:03:15:00
		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	09/08/2016	07:20:14	0.021	0.022	0.022	0.023	0.023
2	09/08/2016	07:35:14	0.021	0.022	0.023	0.023	0.023
3	09/08/2016	07:50:14	0.021	0.022	0.022	0.024	0.024
4	09/08/2016	08:05:14	0.020	0.021	0.021	0.022	0.022
5	09/08/2016	08:20:14	0.020	0.021	0.022	0.023	0.023
6	09/08/2016	08:35:14	0.021	0.022	0.022	0.023	0.023
7	09/08/2016	08:50:14	0.020	0.021	0.021	0.022	0.022
8	09/08/2016	09:05:14	0.022	0.023	0.024	0.024	0.024
9	09/08/2016	09:20:14	0.023	0.024	0.025	0.025	0.025
10	09/08/2016	09:35:14	0.024	0.025	0.026	0.026	0.026
11	09/08/2016	09:50:14	0.023	0.024	0.024	0.025	0.025
12	09/08/2016	10:05:14	0.020	0.021	0.022	0.023	0.023
13	09/08/2016	10:20:14	0.022	0.023	0.023	0.024	0.024