SOUTH COAST AGME CLERK OF THE BOARDS

February 3, 2016

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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. 124838,

**ORDER OF ABATEMENT CASE NO. 3151-32** 

**RE:** WEEKLY STATUS REPORT # 71 (1/14/16 – 1/20/16)

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 January 14, 2016 through January 20, 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
EX107	Install Risers on Stormwater Sensor Covers	Pre-cleaning and Wet Methods*
EX109	Secure Hi-Vol Propane Tanks	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.

CN: 15279

#### Install Risers on Stormwater Sensor Covers

Work related to the installation of risers on the storm water manhole sensor covers resumed on January 14, 2016. Exide personnel installed one new riser on January 14, 2016 and 4 new risers on January 18, 2016. Tetra Tech personnel were onsite to monitor mitigation plan work related to the installation of risers on the storm water manhole sensor covers including downwind Dust Trak monitoring. Additional risers are being manufactured offsite, and installation activities will resume once fabrication is complete.

#### Verification activities included:

- Visual observation of the installation activities to verify compliance with the SCAQMD 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 securing the installation of risers on the storm water manhole covers was generating fugitive dust emissions.

#### Secure Hi-Vol Propane Tanks

On Monday, January 18, 2016 Advanced Construction completed the installation activities by tightening the seismic restraints on the propane tanks after the concrete had cured. These activities included only tightening bolds using a wrench. The repair activities completed to date have been in accordance with the approved mitigation plan.

## 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 <a href="Mitigation Plan for RCRA RFI Sampling">Mitigation Plan for RCRA RFI Sampling</a>, and Other Plant <a href="Activities">Activities</a> 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
Jan. 21 – Jan. 27	Install Riser on Stormwater Sensor Covers     Continues

Week	Anticipated Activities
Jan. 28 - Feb. 3	Install Riser on Stormwater Sensor Covers Continues

#### **KEY MILESTONES:**

The following key milestones were achieved during this reporting period:

o Secure Hi-Vol Propane Tanks:

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 January 14, 2016 through January 20, 2016. Please note that no Mitigation Plan related activities took place on Friday, January 15, 2016, Tuesday, January 19, 2016, and Wednesday, January 20, 2016. However, Tetra Tech was on-site on Friday January 15, 2016 until Exide personnel confirmed that the scheduled riser installation work had been postponed. 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

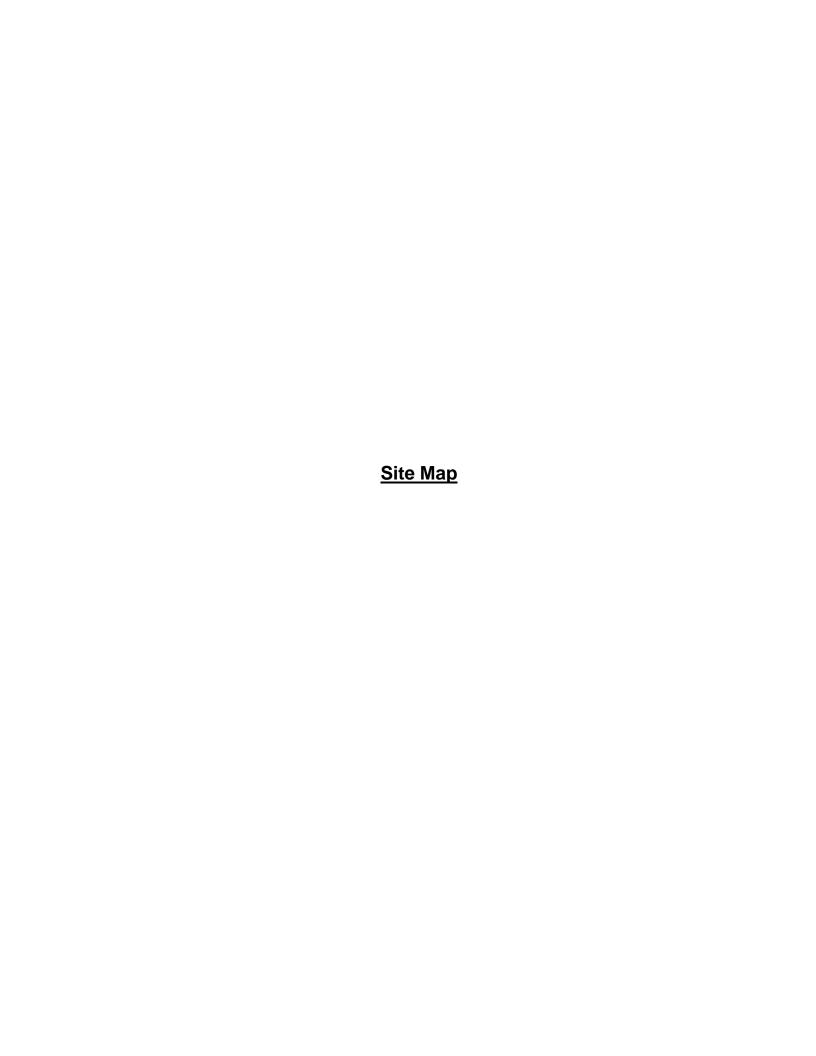


# Project Schedule Week of 01/14/16 – 02/03/16

Rev: 01/21/2016

TECHN	DE°	sion, Vernon, CA					1/16/2	016			0	1/23/10	5				01/30	)/16			02
Mitigation Plan Risks	Task Name	Plant Location	Duration	Start Date	Finish Date	%	14 1	15 16	17	18 19	9 20	21	22 2	3 24	25	26	27 2	8 29	30	31	01 02 03
Ex 72	Cleaning of Assorted Materials in Total Enclosure	Total Enclosure	497 days	11/20/14	3/31/16	80%															
Ex 76	Various Work Methods in Total Enclosure	Total Enclosure	496 days	11/21/14	3/31/16	80%															
4	RCRA RFI Soil Sampling	General	407 days	2/18/15	3/31/16	97%															
Ex 83	RFI Soil Sampling Supplemental	General	407 days	02/18/15	3/31/16	97%															
Ex 107	Install Riser on Storm Water Sensor Covers	General	30 days	12/01/15	01/29/16	1%															
Ex 109	Secure HiVol Propane Tanks	General	15 days	01/04/16	01/22/16	27%															

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



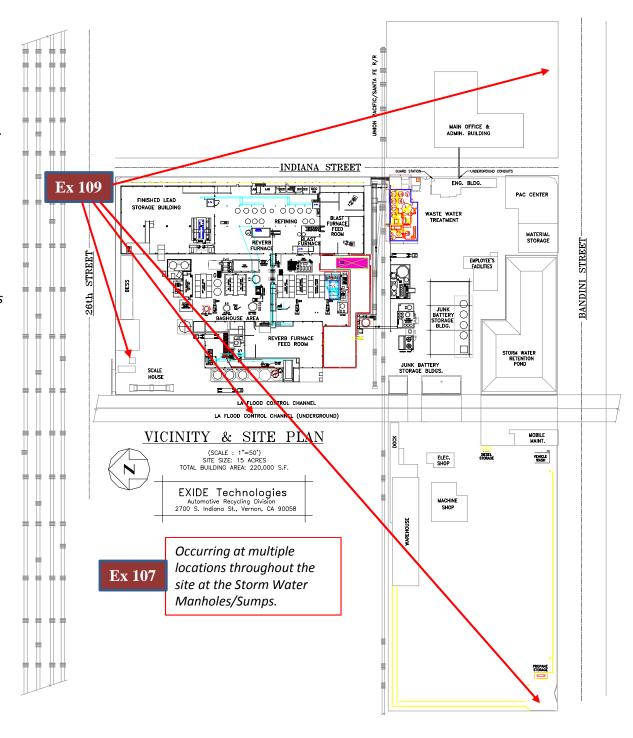


# Mitigation Project Map Layout Week 01/07/16 - 01/27/16 Rev: 01/18/16

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 107. Install Risers on Storm Water Sensor Covers
Ex 109. Secure Hi-Vol Propane Tanks

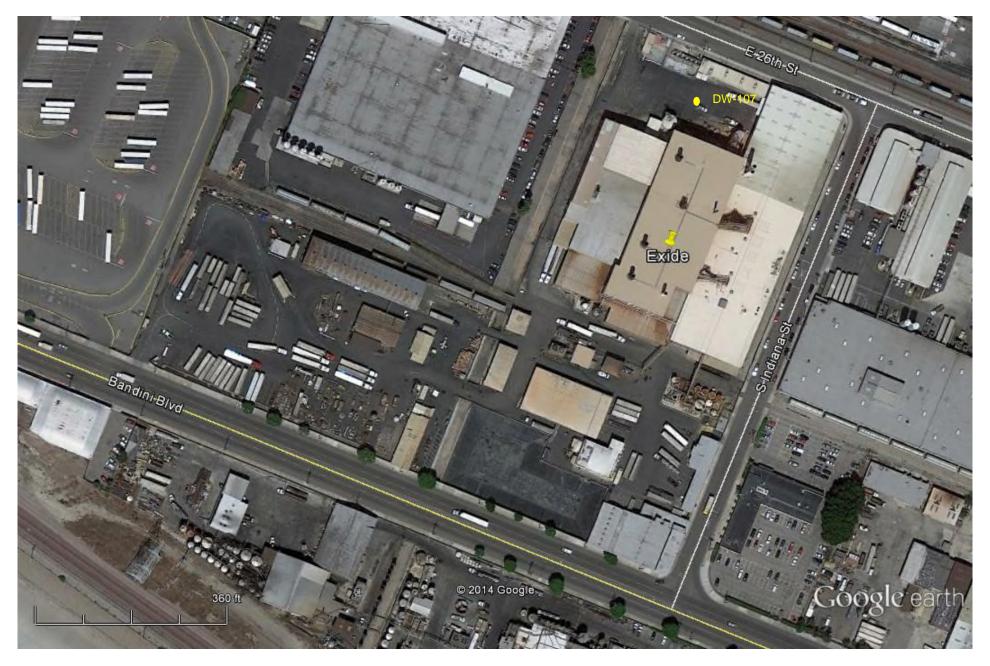
Numbering system correlates with Mitigation plan document. Ex refers to additional work part of Sec. 6b in the Mitigation plan document.

Mitigation Schedule and Map 01/21/16.pptx



## Monitoring Results / Reports (Thursday, January 14, 2016)

ACTIVITY	SERIAL NUMBER	LOCATION
EX-107 Install Risers on Stormwater Sensor Covers	8533113403	Downwind



Exide Technologies 2700 Indiana Street Vernon, CA 90058

1/14/2016 EX-107

## **Test 001**

Inst	rument	Data Properties			
Model	DustTrak DRX	Start Date	01/14/2016		
Instrument S/N	8533113403	Start Time	12:42:51		
		Stop Date	01/14/2016		
		Stop Time	13:57:51		
		Total Time	0:01:15:00		
		Logging Interval	900 seconds		

				Test Data			
Data Point	Date	Time	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3
1	01/14/2016	12:57:51	0.020	0.022	0.022	0.024	0.025
2	01/14/2016	13:12:51	0.019	0.020	0.021	0.022	0.022
3	01/14/2016	13:27:51	0.020	0.021	0.022	0.023	0.023
4	01/14/2016	13:42:51	0.019	0.021	0.021	0.023	0.023
5	01/14/2016	13:57:51	0.018	0.019	0.020	0.021	0.021

## Monitoring Results / Reports (Monday, January 18, 2016)

ACTIVITY	SERIAL NUMBER	LOCATION
EX-107 Install Risers on Stormwater Sensor Covers	8533113403	Downwind



Exide Technologies 2700 Indiana Street Vernon, CA 90058

1/18/2016 EX-107

## **Test 003**

Instr	ument	Data P	roperties
Model	DustTrak DRX	Start Date	01/18/2016
Instrument S/N	8533113403	Start Time	10:58:05
		Stop Date	01/18/2016
		Stop Time	11:13:05
		Total Time	0:00:15:00

Test Data								
Data Point	Date	Time	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3	
1	01/18/2016	11:13:05	0.021	0.023	0.023	0.024	0.025	

## **Test 004**

Instr	ument	Data P	Data Properties		
Model	Model DustTrak DRX		01/18/2016		
Instrument S/N	Instrument S/N 8533113403		11:29:28		
		Stop Date	01/18/2016		
		Stop Time	11:44:28		
		Total Time	0:00:15:00		

Test Data							
Data Point         Date Date         Time Time         PM1 PM2.5 PM3.5							_
1	01/18/2016	11:44:28	0.020	0.022	0.024	0.026	0.026

## **Test 005**

Inst	rument	Data Properties		
Model	DustTrak DRX	Start Date	01/18/2016	
Instrument S/N	8533113403	Start Time	12:17:47	
		Stop Date	01/18/2016	
		Stop Time	12:47:47	
		Total Time	0:00:30:00	
		Logging Interval	900 seconds	

Test Data								
Data Point	Date	Time	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3	
1	01/18/2016	12:32:47	0.018	0.020	0.022	0.025	0.025	
2	01/18/2016	12:47:47	0.016	0.017	0.017	0.018	0.018	

## **Test 002**

Inst	rument	Data Properties		
Model	Model DustTrak DRX		01/18/2016	
Instrument S/N	8533113403	Start Time	10:01:57	
		Stop Date	01/18/2016	
		Stop Time	10:46:57	
		Total Time	0:00:45:00	
		Logging Interval	900 seconds	

Statistics								
	PM1	PM2.5	RESP	PM10	TOTAL			
Avg	0.022 mg/m^3	0.023 mg/m^3	0.023 mg/m^3	0.024 mg/m^3	0.024 mg/m^3			
Max	0.022 mg/m^3	0.023 mg/m^3	0.024 mg/m^3	0.025 mg/m^3	0.026 mg/m^3			
Max Date	01/18/2016	01/18/2016	01/18/2016	01/18/2016	01/18/2016			
Max Time	10:31:57	10:31:57	10:16:57	10:16:57	10:16:57			
Min	0.021 mg/m^3	0.022 mg/m^3	0.023 mg/m^3	0.023 mg/m^3	0.023 mg/m^3			
Min Date	01/18/2016	01/18/2016	01/18/2016	01/18/2016	01/18/2016			
Min Time	10:16:57	10:16:57	10:16:57 10:31:57		10:31:57			
TWA (8 hr)	0.002	0.002 0.002		0.002	0.002			
TWA Start Date	01/18/2016	01/18/2016	01/18/2016	01/18/2016	01/18/2016			
TWA Start Time	10:01:57	10:01:57	10:01:57	10:01:57	10:01:57			
TWA End Time	10:46:57	10:46:57	10:46:57	10:46:57	10:46:57			

Test Data								
Data Point	Date	Time	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3	
1	01/18/2016	10:16:57	0.021	0.022	0.024	0.025	0.026	
2	01/18/2016	10:31:57	0.022	0.023	0.023	0.023	0.023	
3	01/18/2016	10:46:57	0.022	0.023	0.023	0.024	0.024	