TETRA TECH BAS

March 25, 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

PROJECT: EXIDE TECHNOLOGIES FACILITY ID NO. 124838, ORDER OF ABATEMENT CASE NO. 3151-32
RE: WEEKLY STATUS REPORT # 78 (3/3/16 – 3/9/16)

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 March 3, 2016 through March 9, 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

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.

Sediment Removal from Equalization Tanks

On Tuesday, March 8, 2016, Exide began removal of sediment from the equalization tanks at the waste water treatment plant. Tetra Tech personnel were onsite to monitor

Tetra Tech BAS, Inc.
1360 Valley Vista Drive, Diamond Bar, CA 91765
Tel 909.860.7777 Fax 909.860.8017 www.tetratech.com

activities related to the mitigation plan work including upwind and downwind Dust Trak monitoring. Removal of sediment from the equalization tanks will continue into the next reporting period.

Verification activities included:

- Visual observation of the sediment 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 sediment was generating fugitive dust emissions. It should be noted that there were initially high hits at the downwind monitor due to engine exhaust from one of the vacuum trucks. The Dust Trak was relocated to be downwind of the sediment removal activity, and not in line with the engine exhaust from the vehicle.
- Periodic visual inspection of the work area to confirm that the area remained wetted and free of any sediment or debris.

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
Mar. 10 – Mar. 16	• Sediment Removal from the Equalization Tanks

Week	Anticipated Activities
Mar. 17 - Mar. 23	• No Mitigation Plan Work Indicated

KEY MILESTONES:

The following key milestones were achieved during this reporting period:

- Sediment Removal from Equalization Tanks: BEGAN

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 March 3, 2016 through March 9, 2016. Please note that while no Mitigation Plan related activities were conducted on March 3, 2016 and March 7, 2016 Tetra Tech personnel were onsite until Exide indicated that no mitigation plan work would be conducted. Tetra Tech personnel were not onsite on March 4, 2016 and March 9, 2016 as no mitigation plan work was scheduled. 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

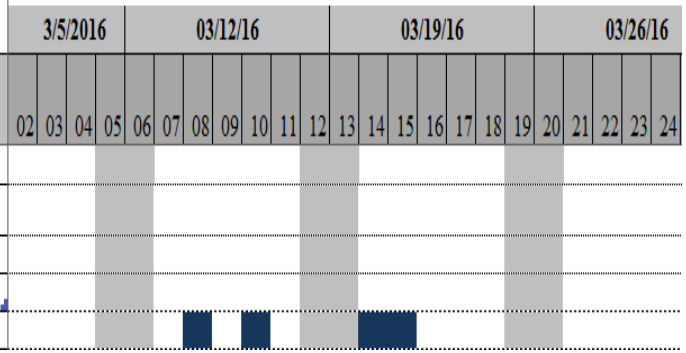
Gant Chart Schedule

Project Schedule
Week of 03/02/16 – 03/24/16
Rev: 03/10/2016

EXIDE TECHNOLOGIES

Recycling Division, Vernon, CA

Mitigation Plan Risks	Task Name	Plant Location	Duration	Start Date	Finish Date	%
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 115	Sediment Removal from EQ Tanks	WWTP	5 days	3/7/16	03/11/16	30%



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_03/10/16.pptx

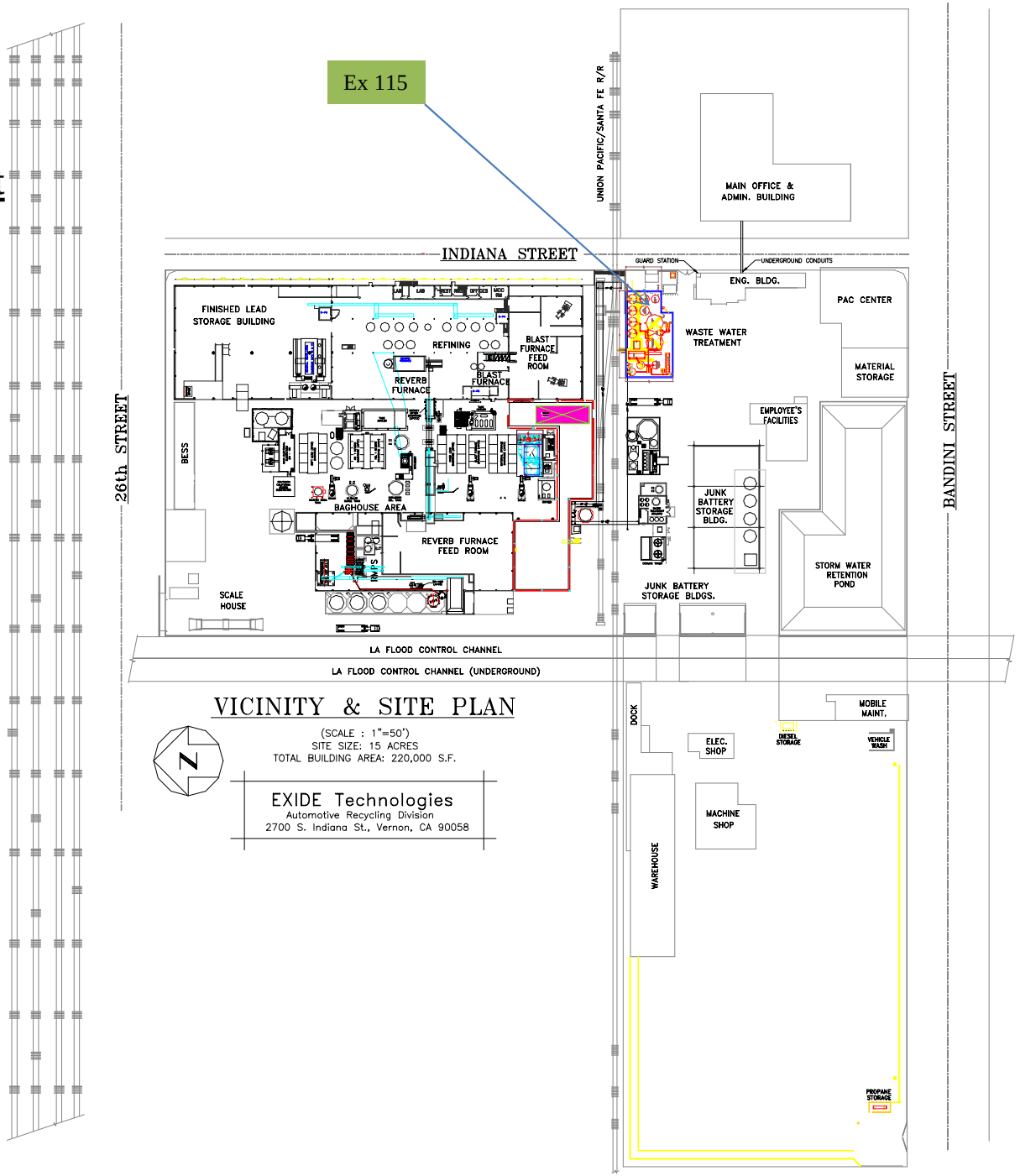
Site Map

Mitigation Project Map Layout

Week 03/02/16 – 03/24/16

Rev: 03/10/16

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 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.

Mitigation Schedule and Map_03/10/16.pptx

Monitoring Results / Reports
(Tuesday, March 8, 2016)

ACTIVITY	SERIAL NUMBER	LOCATION
Sediment Removal from Equalization Tanks	8533113403	Upwind
Sediment Removal from Equalization Tanks	8533152408	Downwind

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

3/8/2016 EX 115

Test 007

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	03/08/2016
Instrument S/N	8533152408	Start Time	07:36:32
		Stop Date	03/08/2016
		Stop Time	09:51:32
		Total Time	0:02:15:00
		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	03/08/2016	07:51:32	0.014	0.015	0.015	0.017	0.017
2	03/08/2016	08:06:32	0.016	0.016	0.017	0.017	0.017
3	03/08/2016	08:21:32	0.020	0.022	0.022	0.022	0.022
4	03/08/2016	08:36:32	0.074	0.080	0.080	0.080	0.080
5	03/08/2016	08:51:32	0.052	0.056	0.057	0.057	0.057
6	03/08/2016	09:06:32	0.031	0.033	0.034	0.034	0.034
7	03/08/2016	09:21:32	0.018	0.019	0.019	0.019	0.020
8	03/08/2016	09:36:32	0.115	0.119	0.120	0.120	0.121
9	03/08/2016	09:51:32	0.136	0.143	0.143	0.144	0.144

Test 008

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	03/08/2016
Instrument S/N	8533152408	Start Time	09:57:34
		Stop Date	03/08/2016
		Stop Time	14:42:34
		Total Time	0:04:45:00
		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	03/08/2016	10:12:34	0.011	0.012	0.012	0.012	0.013
2	03/08/2016	10:27:34	0.009	0.009	0.009	0.010	0.010
3	03/08/2016	10:42:34	0.008	0.008	0.008	0.009	0.009
4	03/08/2016	10:57:34	0.010	0.010	0.010	0.011	0.011
5	03/08/2016	11:12:34	0.016	0.017	0.017	0.018	0.018
6	03/08/2016	11:27:34	0.016	0.016	0.016	0.017	0.017
7	03/08/2016	11:42:34	0.016	0.016	0.017	0.017	0.017
8	03/08/2016	11:57:34	0.008	0.008	0.009	0.009	0.009
9	03/08/2016	12:12:34	0.009	0.009	0.010	0.010	0.010
10	03/08/2016	12:27:34	0.010	0.010	0.010	0.011	0.011
11	03/08/2016	12:42:34	0.011	0.011	0.011	0.012	0.012
12	03/08/2016	12:57:34	0.013	0.014	0.014	0.015	0.015
13	03/08/2016	13:12:34	0.004	0.005	0.005	0.005	0.006
14	03/08/2016	13:27:34	0.002	0.002	0.003	0.003	0.003
15	03/08/2016	13:42:34	0.001	0.001	0.001	0.002	0.002
16	03/08/2016	13:57:34	0.002	0.002	0.002	0.003	0.003
17	03/08/2016	14:12:34	0.001	0.002	0.002	0.002	0.002
18	03/08/2016	14:27:34	0.002	0.002	0.002	0.003	0.003
19	03/08/2016	14:42:34	0.001	0.002	0.002	0.002	0.002

Test 018

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	03/08/2016
Instrument S/N	8533113403	Start Time	07:29:44
		Stop Date	03/08/2016
		Stop Time	14:29:44
		Total Time	0:07:00:00
		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	03/08/2016	07:44:44	0.005	0.006	0.006	0.007	0.007
2	03/08/2016	07:59:44	0.007	0.008	0.008	0.009	0.009
3	03/08/2016	08:14:44	0.005	0.006	0.006	0.006	0.006
4	03/08/2016	08:29:44	0.004	0.004	0.005	0.005	0.005
5	03/08/2016	08:44:44	0.004	0.005	0.005	0.005	0.005
6	03/08/2016	08:59:44	0.003	0.004	0.004	0.004	0.004
7	03/08/2016	09:14:44	0.004	0.005	0.005	0.005	0.006
8	03/08/2016	09:29:44	0.004	0.004	0.004	0.005	0.005
9	03/08/2016	09:44:44	0.004	0.005	0.005	0.006	0.006
10	03/08/2016	09:59:44	0.004	0.005	0.005	0.006	0.006
11	03/08/2016	10:14:44	0.004	0.004	0.005	0.005	0.006
12	03/08/2016	10:29:44	0.004	0.004	0.005	0.006	0.006
13	03/08/2016	10:44:44	0.004	0.004	0.004	0.005	0.005
14	03/08/2016	10:59:44	0.004	0.004	0.004	0.005	0.005
15	03/08/2016	11:14:44	0.004	0.005	0.006	0.007	0.007
16	03/08/2016	11:29:44	0.004	0.005	0.005	0.006	0.006
17	03/08/2016	11:44:44	0.004	0.004	0.005	0.006	0.006
18	03/08/2016	11:59:44	0.004	0.005	0.005	0.006	0.006
19	03/08/2016	12:14:44	0.005	0.005	0.005	0.006	0.006
20	03/08/2016	12:29:44	0.005	0.005	0.006	0.007	0.007
21	03/08/2016	12:44:44	0.005	0.005	0.006	0.006	0.006
22	03/08/2016	12:59:44	0.005	0.005	0.006	0.007	0.007
23	03/08/2016	13:14:44	0.003	0.004	0.004	0.005	0.005
24	03/08/2016	13:29:44	0.002	0.002	0.003	0.003	0.004
25	03/08/2016	13:44:44	0.001	0.002	0.002	0.002	0.003
26	03/08/2016	13:59:44	0.001	0.002	0.002	0.003	0.003
27	03/08/2016	14:14:44	0.001	0.002	0.002	0.003	0.003
28	03/08/2016	14:29:44	0.001	0.002	0.002	0.003	0.003