TETRA TECH BAS

SOUTH COAST AQMD
CLERK OF THE BOARDS

'16 JUL -1 P2:16

July 1, 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 # 93 (6/16/16 – 6/22/16)**

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 June 16, 2016 through June 22, 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
NA	Repair to WWTP #2 Reaction Tank Cross-over Pipe	Clean Repair Area With D-lead Wipes*

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

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.

Repair to WWTP #2 Reaction Tank Cross-Over Pipe

On Thursday, June 16, 2016, Exide completed repairs to the WWTP #2 Reaction Tank Cross-Over Pipe. Prior to the start of work, a plastic tarp was placed under the repair area to catch any debris. The repair area was then cleaned using d-lead wipes prior to the start of the repair. Once the area was cleaned, a fiberglass patch was installed on the cross-over pipe and allowed to cure. The repair area was subsequently cleaned using a SCAQMD approved HEPA vacuum, and the plastic sheeting was removed once the repairs were complete. Tetra Tech personnel were onsite to monitor activities related to the repair including upwind and downwind Dust Trak monitoring.

Verification activities included:

- Visual observation of the repair to the WWTP #2 Reaction Tank Cross-Over Pipe to verify compliance with the scope of work submitted to SCAQMD for review and approval.
- 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 the cross-over pipe repairs 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 were 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
Jun. 23 – Jun. 29	• None at this time.

Week	Anticipated Activities
Jun. 30 - Jul. 6	• None at this time.

KEY MILESTONES:

The following key milestones were achieved during this reporting period:

- WWTP #2 Reaction Tank Cross-Over Pipe Repair: COMPLETE

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 June 16, 2016 through June 22, 2016. Tetra Tech personnel were not onsite other than to attend routine weekly meetings on Thursday, June 16, 2016, and Monday, June 20, 2016 and to observe repairs to the WWTP #2 Reaction Tank Cross-Over Pipe repairs on Thursday, June 16, 2016. No other 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 Forms

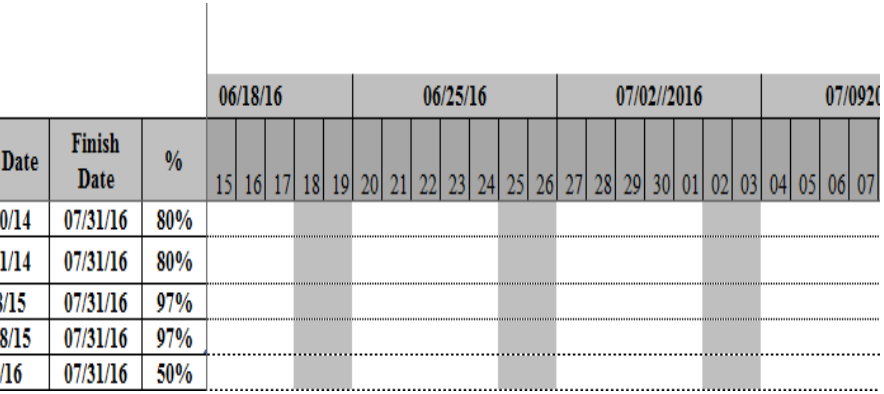
Gant Chart Schedule

Project Schedule
Week of 06/15/16 – 07/07/16
Rev: 06/23/2016

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	619 days	11/20/14	07/31/16	80%
Ex 76	Various Work Methods in Total Enclosure	Total Enclosure	618 days	11/21/14	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%



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_06/23/16.pptx

Site Map

Mitigation Project Map Layout

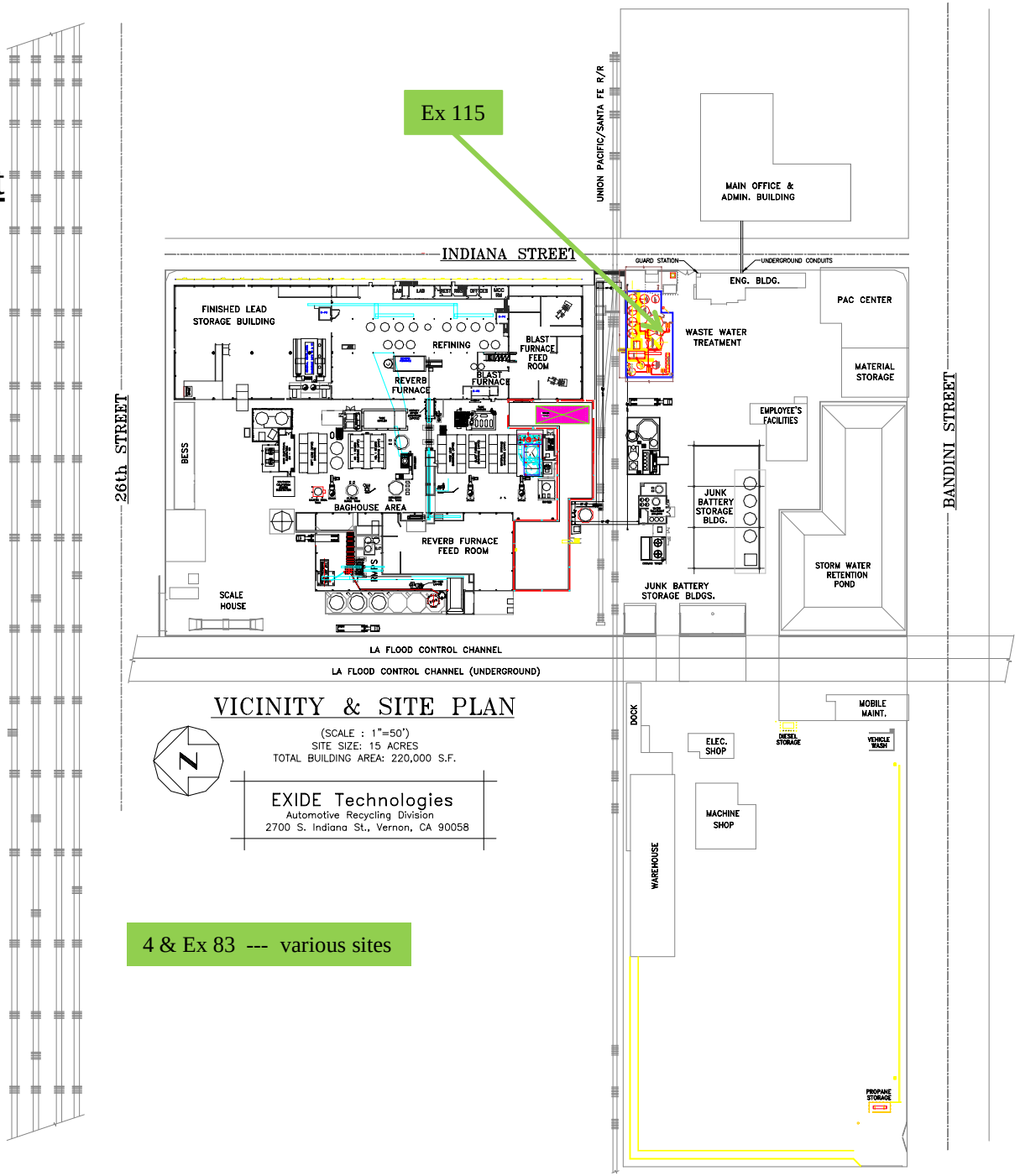
Week 06/15/16 – 07/07/16

Rev: 06/23/2016

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.

Mitigation Schedule and Map_06/23/2016.pptx



Monitoring Results / Reports
(Thursday, June 16, 2016)

ACTIVITY	SERIAL NUMBER	LOCATION
WWTP #2 Reaction Tank Cross Over Pipe	8533123601	Upwind
WWTP #2 Reaction Tank Cross Over Pipe	8533152408	Downwind

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

6/16/2016 WWTP #2 Reaction Tank
Cross Over Pipe Repair

Test 001

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	06/16/2016
Instrument S/N	8533123601	Start Time	06:30:20
		Stop Date	06/16/2016
		Stop Time	11:45:20
		Total Time	0:05:15:00
		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	06/16/2016	06:45:20	0.023	0.026	0.026	0.028	0.032
2	06/16/2016	07:00:20	0.016	0.018	0.018	0.019	0.019
3	06/16/2016	07:15:20	0.016	0.018	0.018	0.019	0.019
4	06/16/2016	07:30:20	0.019	0.021	0.022	0.022	0.023
5	06/16/2016	07:45:20	0.017	0.019	0.019	0.020	0.020
6	06/16/2016	08:00:20	0.015	0.017	0.017	0.018	0.018
7	06/16/2016	08:15:20	0.014	0.016	0.017	0.017	0.018
8	06/16/2016	08:30:20	0.014	0.016	0.016	0.017	0.017
9	06/16/2016	08:45:20	0.013	0.015	0.015	0.015	0.015
10	06/16/2016	09:00:20	0.012	0.013	0.014	0.014	0.014
11	06/16/2016	09:15:20	0.012	0.013	0.013	0.014	0.014
12	06/16/2016	09:30:20	0.012	0.013	0.013	0.014	0.014
13	06/16/2016	09:45:20	0.014	0.015	0.015	0.016	0.016
14	06/16/2016	10:00:20	0.016	0.018	0.019	0.021	0.021
15	06/16/2016	10:15:20	0.015	0.016	0.017	0.017	0.017
16	06/16/2016	10:30:20	0.015	0.017	0.017	0.018	0.018
17	06/16/2016	10:45:20	0.016	0.017	0.017	0.018	0.018
18	06/16/2016	11:00:20	0.015	0.017	0.017	0.018	0.018
19	06/16/2016	11:15:20	0.017	0.018	0.019	0.019	0.019
20	06/16/2016	11:30:20	0.017	0.018	0.019	0.019	0.019
21	06/16/2016	11:45:20	0.017	0.018	0.019	0.019	0.020

Test 001

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	06/16/2016
Instrument S/N	8533152408	Start Time	06:23:45
		Stop Date	06/16/2016
		Stop Time	11:38:45
		Total Time	0:05:15:00
		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	06/16/2016	06:38:45	0.024	0.026	0.027	0.029	0.030
2	06/16/2016	06:53:45	0.021	0.023	0.023	0.024	0.025
3	06/16/2016	07:08:45	0.019	0.021	0.021	0.022	0.022
4	06/16/2016	07:23:45	0.022	0.024	0.025	0.026	0.026
5	06/16/2016	07:38:45	0.025	0.026	0.027	0.028	0.029
6	06/16/2016	07:53:45	0.022	0.023	0.024	0.025	0.026
7	06/16/2016	08:08:45	0.020	0.022	0.023	0.024	0.024
8	06/16/2016	08:23:45	0.019	0.021	0.021	0.023	0.023
9	06/16/2016	08:38:45	0.020	0.022	0.022	0.023	0.024
10	06/16/2016	08:53:45	0.018	0.020	0.020	0.021	0.021
11	06/16/2016	09:08:45	0.017	0.018	0.018	0.019	0.019
12	06/16/2016	09:23:45	0.016	0.017	0.018	0.019	0.019
13	06/16/2016	09:38:45	0.016	0.017	0.017	0.018	0.018
14	06/16/2016	09:53:45	0.016	0.017	0.018	0.019	0.019
15	06/16/2016	10:08:45	0.017	0.018	0.019	0.020	0.020
16	06/16/2016	10:23:45	0.017	0.018	0.019	0.020	0.020
17	06/16/2016	10:38:45	0.017	0.018	0.019	0.020	0.020
18	06/16/2016	10:53:45	0.017	0.018	0.018	0.019	0.020
19	06/16/2016	11:08:45	0.018	0.019	0.019	0.020	0.021
20	06/16/2016	11:23:45	0.018	0.019	0.020	0.021	0.021
21	06/16/2016	11:38:45	0.020	0.021	0.022	0.023	0.023