TETRA TECH BAS

January 2, 2015 CN: 15279

Mr. Edwin L. Pupka
Senior Enforcement Manager
Office of Engineering and Compliance
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765

PROJECT: **EXIDE TECHNOLOGIES FACILITY ID NO. 124868, ORDER OF ABATEMENT CASE NO. 3151-32**

RE: **WEEKLY STATUS REPORT # 16 (12/25/14 – 12/31/14)**

Dear Mr. Pupka,

Tetra Tech Inc. is pleased to present the following Weekly Status Report for the above referenced project. This report covers the period of December 25, 2014 through December 31, 2014.

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) currently under way or completed 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 Construction of Risk Reduction Measures, 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)
2a	Dust Removal	Total Enclosure Building Under Negative Pressure
EX 43	West Yard Sump Piping	None Required
5d	Santa Maria Tank #12	Temporary Enclosure Under Negative Pressure in the Total Enclosure Building
EX 69	Scrap Cutting of Large Metal Pieces	Temporary Enclosure Under Negative Pressure in the Total Enclosure Building
3c	Replacement of Blast Furnace Partial Enclosure	Total Enclosure Building Under Negative Pressure
5b	Blast Furnace Activities	Total Enclosure Building Under Negative Pressure
3a	Blast Furnace Tray Type Wet Scrubbing System Installation	Total Enclosure Building Under Negative Pressure
3i	Installation of Rotary Dryer Regenerative Thermal Oxidizer	Total Enclosure Building Under Negative Pressure
3j	Installation of HEPA Filters on MAC Bag Houses	Total Enclosure Building Under Negative Pressure

TASK ID	Major Work Item	Mitigation Measure(s)
EX 73	Stormwater Repair – 3 Manholes	Temporary Enclosure Under Negative Pressure
EX 33	Building Negative Pressure Monitoring Upgrade	Use of self-tapping screws, Pre-Cleaning of area
EX 44	Underground Pipe Project	Temporary Enclosure Under Negative Pressure*
EX 81	Removal & Shipment of Spent Furnace Brick and Refractory	Total Enclosure Building Under Negative Pressure
EX 84	Repurposing of North Reverb Baghouse	Total Enclosure Building Under Negative Pressure
EX 86 / 3k	Installation of Blast RTO	Total Enclosure Building Under Negative Pressure

* Dust Trak monitoring performed for this work item.

Dust Removal

National Response Corporation (NRC) did not perform any dust removal activities during this reporting period. NRC is scheduled to resume dust removal activities on January 2, 2015.

West Yard Sump Piping

No work occurred on the West Yard Sump Piping during this reporting period. Exide is awaiting Department of Toxic Substances Control (DTSC) review and comment on proposed piping modification prior to completion of this task. This activity does not require a temporary negative pressure enclosure because no work is being performed that has the potential to generate dust.

Santa Maria Tank #12

Bear Welding continued work within the temporary enclosure erected inside the Total Enclosure Building grinding and welding seams where pinhole leaks were detected when the Santa Maria Tank #12 was filled with water and leak tested. Work conducted included grinding and welding seams on the Santa Maria Tank #12. The tank passed inspection on December 31, 2015. Bear Welding will begin clean up and is scheduled to demobilize during the next reporting period.

Tetra Tech personnel were onsite to observe work performed by Bear Welding within the Santa Maria Tank #12 temporary enclosure. Verification activities included:

- Verification that the Total Enclosure Building was maintained under negative pressure and vented to operational air pollution control equipment during all observed activities.
- Periodic confirmation that negative pressure was maintained on the temporary enclosure by checking the gauge.
- Periodic visual inspection of the temporary enclosure to confirm that no visible leaks or tears were present, that the structural integrity of the enclosure was maintained and that it was under negative pressure and vented to a SCAQMD permitted HEPA filtration system. Any noted areas where seams needed to be

re-taped were repaired by Castlerock prior to resuming work within the enclosure. Seams that needed re-taping were identified during the periodic inspection by Tetra Tech personnel or when a drop in negative pressure was noted. Any observed conditions requiring repair were addressed immediately.

Scrap Cutting of Large Metal Pieces

Bear Welding completed work within the temporary enclosure erected inside the Total Enclosure Building in support of the reconstruction of the Santa Maria Tank #12. Scrap metal pieces were cut and removed to facilitate the tank reconstruction process. The cutting was conducted inside the temporary enclosure and removed metal pieces were moved out of the enclosure and placed into a lined closed top roll off bin to await transportation and disposal. The roll off bin was located outside of the RMPS room doorway within the west corridor of the baghouse area. The tank reconstruction is complete, including repairs to welds that were not water tight.

Tetra Tech personnel were onsite to observe work performed by Bear Welding within the Santa Maria Tank #12 temporary enclosure. Verification activities included:

- Verification that the Total Enclosure Building was maintained under negative pressure and vented to operational air pollution control equipment during all observed activities.
- Periodic confirmation that negative pressure was maintained on the temporary enclosure by checking the gauge.
- Periodic visual inspection of the temporary enclosure to confirm that no visible leaks or tears were present, that the structural integrity of the enclosure was maintained and that it was under negative pressure and vented to a SCAQMD permitted HEPA filtration system. Any noted areas where seams needed to be re-taped were repaired by Castlerock prior to resuming work within the enclosure. Seams that needed re-taping were identified during the initial inspection by Tetra Tech personnel or when a drop in negative pressure was noted. Any observed conditions requiring repair were addressed immediately.
- Periodic verification that North RMPS door remained closed to prevent cross draft from North Yard.
- Verification that pieces were cut small enough to fit into the roll-off bin designated for this task.

Blast Furnace Activities and Replacement of Blast Furnace Partial Enclosure

Advanced Construction and Exide Personnel continued removal of the blast furnace partial enclosure on Friday, December 26, 2014, and continued removing large accumulations of hardened lead from the area in and around the Blast Furnace and the crucible. This work will continue in the next reporting period.

Tetra Tech personnel were onsite to observe the deconstruction and housekeeping activities. Verification activities included:

- Verification that the Total Enclosure Building was maintained under negative pressure and vented to operational air pollution control equipment during all observed activities.

- Periodic visual observation of the installation activities to confirm compliance with the supplemental mitigation plan.

Blast Furnace Tray Type Wet Scrubbing System

Advanced Construction continued installation activities related to the new blast furnace tray type wet scrubbing system. Advanced Construction completed the concrete removal, removal of soil to 5 feet below grade, collection of soil samples from the bottom of the excavation, backfill of the over excavation to the subgrade for the equipment slab and footings using a cement slurry, and began installation of rebar for the new equipment foundation.

Tetra Tech personnel were onsite to observe the breaking and removal operations. Verification activities included:

- Verification that the Total Enclosure Building was maintained under negative pressure and vented to operational air pollution control equipment during all observed activities.
- Observation of concrete breaking and removal activities being performed using wet methods under a water mist.
- Observation of loading of the hoppers and transfer of the materials from the hoppers to the roll off containers to verify that no visible fugitive dust was generated.
- Observation of lining of the roll off containers, the closing, tarping and shrink wrapping of the container lid, and the decontamination of the roll off containers prior to removal of the container from the total enclosure building maintained under negative pressure for offsite disposal.

Installation of the Rotary Dryer Regenerative Thermal Oxidizer (RTO)

Advanced Construction continued installation activities on Friday, December 26, 2014, for the Rotary Dryer RTO. Activities included removal of the existing concrete, soil excavation, collection of soil sampled from the bottom of the excavation, backfilling of the over excavation to the subgrade for the footings and foundation using a cement slurry and began installation of rebar for the new equipment foundation. Removed concrete and soil were loaded into a plastic lined hopper and the hoppers were transported within the total enclosure building to the finished lead building where the soil and concrete were transferred from the hoppers into lined roll off containers.

Tetra Tech personnel were onsite to observe saw cutting, breaking and removal operations. Verification activities included:

- Verification that the Total Enclosure Building was maintained under negative pressure and vented to operational air pollution control equipment during all observed activities.
- Observation of concrete breaking and removal activities being performed using wet methods under a water mist.

- Observation of loading of the hoppers and transfer of the materials from the hoppers to the roll off containers to verify that no visible fugitive dust was generated.
- Observation of lining of the roll off containers, the closing, tarping and shrink wrapping of the container lid, and the decontamination of the roll off containers prior to removal of the container from the total enclosure building maintained under negative pressure for offsite disposal.

Installation of HEPA Filters on MAC Bag Houses

Baghouse Services continued installation activities on Friday, December 26, 2014 for the HEPA filters on the MAC Bag Houses. Activities included modifications to the air ducts and installation of the new HEPA filter housing.

Tetra Tech personnel were onsite to observe installation activities. Verification activities included:

- Verification that the Total Enclosure Building was maintained under negative pressure and vented to operational air pollution control equipment during all observed activities.
- Monitoring of the Total Enclosure Building's magna-helix gages 2 to 3 times per shift to verify negative pressure is maintained during the scheduled shut down of the MAC Bag Houses.

Stormwater Repair – 3 Manholes

No work was completed on this project during this reporting period. Innovative Construction Solutions (ICS) has been requested to provide additional information on a proposed repair method before the method can be approved. Repair activities will resume once a repair method is approved.

Building Negative Pressure Monitoring Upgrade

Southwest Industrial Electric did not complete any onsite work related to the negative pressure monitoring upgrade. Southwest Industrial Electric is currently working on programming for the negative pressure monitoring offsite and is scheduled to return to the site on January 5, 2015 to resume onsite work.

Underground Piping Project

Castlerock Environmental completed installation of a new temporary enclosure in the south yard north of the battery storage area on Monday, December 29, 2014. Advanced Construction began saw cutting asphalt within the temporary enclosure on December 29, 2014 to facilitate removal of buried piping. Removal of asphalt, soil and buried piping will begin during the next reporting period.

Verification activities included:

- Observation of the installation of the temporary enclosures.
- Downwind Dust Trak monitoring on the temporary enclosure installations and repair activities within the enclosures, to monitor for fugitive dust emissions.

- Confirmation that negative pressure was maintained by checking the gauge on the temporary enclosures.
- Periodic visual inspection of the temporary enclosure to confirm that no visible leaks or tears were present, that the structural integrity of the enclosure was maintained and that it was under negative pressure and vented to a SCAQMD permitted HEPA filtration system. Any noted areas where seams needed to be re-taped were repaired by Castlerock prior to resuming work within the enclosure. Seams that needed re-taping were identified during the periodic inspection by Tetra Tech personnel or when a drop in negative pressure was noted. Any observed conditions requiring repair were addressed immediately.

Removal and Shipment of Spent Furnace Brick and Refractory

Exide did not ship any spent furnace brick and refractory during this reporting period because of the scheduled outage for the MAC Bag Houses. While the MAC Bag Houses are off line, Exide has restricted access to the reverb feed room and the corridor between the Reverb and Blast feed rooms. Once the MAC Bag Houses are brought back online shipment of the spent furnace brick and refractory will resume.

Repurposing of North Reverb Bag House

Advanced Construction resumed installation activities on Friday, December 26, 2014, for the repurposing of the North Reverb Bag House. Castlerock installed a new temporary enclosure around the North Reverb Bag House prior to removal of the bags from the bag house. Castlerock completed the installation of the temporary enclosure maintained under negative pressure on December 30, 2014 and Exide personnel began removal of the bags on December 31, 2014 within the temporary enclosure maintained under negative pressure. Removal of the bags will continue into the next reporting period.

Tetra Tech personnel were installation of the temporary negative pressure enclosure and removal of the bags from the North Reverb Bag House. Verification activities included:

- Verification that the Total Enclosure Building was maintained under negative pressure and vented to operational air pollution control equipment during all observed activities.
- Observation of the installation of the temporary enclosure.
- Confirmation that negative pressure was maintained by checking the gauge on the temporary enclosures.
- Periodic visual inspection of the temporary enclosure to confirm that no visible leaks or tears were present, that the structural integrity of the enclosure was maintained and that it was under negative pressure and vented to a SCAQMD permitted HEPA filtration system. Any noted areas where seams needed to be re-taped were repaired by Castlerock prior to resuming work within the enclosure. Seams that needed re-taping were identified during the periodic inspection by Tetra Tech personnel or when a drop in negative pressure was noted. Any observed conditions requiring repair were addressed immediately.

Installation of Blast RTO

Advanced Construction continued installation activities on Friday, December 26, 2014 for the installation of the new RTO for the Blast Furnace. Activities included saw cutting the concrete in the area of the equipment foundation slab, breaking and removal of the existing concrete, cutting of existing rebar, and soil excavation for the footing. Removed concrete and soil were loaded into a plastic lined hopper and the hoppers were transported within the Total Enclosure Building to the finished lead building where the soil and concrete were transferred from the hoppers into lined roll off containers.

Tetra Tech personnel were onsite to observe saw cutting, breaking and removal operations. Verification activities included:

- Verification that the Total Enclosure Building was maintained under negative pressure and vented to operational air pollution control equipment during all observed activities.
- Observation of concrete breaking and removal activities being performed using wet methods under a water mist.
- Observation of loading of the hoppers and transfer of the materials from the hoppers to the roll off containers to verify that no visible fugitive dust was generated.
- Observation of lining of the roll off containers, the closing, tarping and shrink wrapping of the container lid, and the decontamination of the roll off containers prior to removal of the container from the total enclosure building maintained under negative pressure for offsite disposal.

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 Construction of Risk Reducing Measures, 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 was conducted during a portion of all repair work performed within the temporary enclosures on a daily basis. Monitoring results are attached. 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 readings upwind and downwind of the noted work areas were generally comparable, indicating that no significant dust emissions were generated through these tasks. Therefore, no additional dust suppression activities were implemented.

Activity Which Resulted in Excessive Dust	Additional Suppression Activity
None	Not Required

WORKER SAFETY CONCERNS:

The following Health and Safety issues, as they apply to Tetra Tech employees, were observed during this reporting period:

- 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
Dust Removal	Ongoing
West Yard Sump Piping	Ongoing - on hold
Santa Maria Tank 12	Ongoing
Scrap Cutting of Large Metal Pieces	Completed
Storm Water Repair – 3 Manholes	Ongoing
Building Negative Pressure Monitoring Upgrade	Ongoing
Underground Pipe Project	Ongoing
Blast Furnace Activities	Ongoing
TASK	**STATUS**
Replacement of Blast Furnace Partial Enclosure	Ongoing
Blast Furnace Tray Type Wet Scrubbing System Installation	Ongoing
Installation of Rotary Dryer Regenerative Thermal Oxidizer	Ongoing
Installation of HEPA Filters on MAC Baghouses	Ongoing
Repurposing of North Reverb Baghouse	Ongoing
Installation of Blast RTO	Ongoing

WORK SCHEDULED DURING THE UPCOMING PERIOD:

The following activities are anticipated for the upcoming weeks:

Week	Anticipated Activities
Jan. 1 – Jan. 7	• Dust Removal Continues • Santa Maria Tank #12 Completes • Underground Piping Project Completes • Storm Water Repair 3 Manholes Continues • Building Negative Pressure Monitoring Upgrade Completes • Removal & Shipment of Spent Furnace Brick and Refractory Completes • Blast Furnace Activities Continue • Repurposing of North Reverb Baghouse Continues • Replacement of Blast Furnace Partial Enclosure Continues • Installation of Rotary Dryer Regenerative Thermal Oxidizer Continues • Blast Furnace Tray Type Wet Scrubbing System Installation Continues • Installation of HEPA Filters on MAC Baghouses Completes • Installation of Blast RTO Continues • RCRA RFI Soil Sampling Starts

Week	Anticipated Activities
Jan 8 - Jan 14	• Dust Removal Continues • Repurposing of North Reverb Baghouse Continues • Replacement of Blast Furnace Partial Enclosure Continues • Installation of Rotary Dryer Regenerative Thermal Oxidizer Continues • Blast Furnace Tray Type Wet Scrubbing System Installation Continues • Installation of Blast RTO Continues • RCRA RFI Soil Sampling Continues

KEY MILESTONES:

The following key milestones were achieved during this reporting period:

- Scrap Cutting Pieces – COMPLETE

POTENTIAL CHANGES AND ACTION ITEMS REQUIRING RESOLUTION:

The following items require resolution:

- None at this time.

OTHER NOTES/COMMENTS

Due to budgetary constraints and Exide's schedule, continuous monitoring of all activities was not possible. Each activity being performed is inspected periodically on a daily basis, but is no longer continuously monitored.

No work was completed on Thursday, December 25, 2014 related to the mitigation plans.

SUMMARY:

The summary provided herein covers the activities for the period of December 25, 2014 through December 31, 2014. Daily Dust Trak monitoring data are attached. Also attached please find 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
Monitoring Results / Reports

Gant Chart Schedule

Project Schedule
Week of 12/18/14 – 1/7/15
Rev: 12/29/2014

EXIDE TECHNOLOGIES — Recycling Division, Vernon, CA

Mitigation Plan Risks	Task Name	Plant Location	Duration	Start Date	Finish Date	%
Ex43	West Yard Sump Piping	West Yard	116 days	9/29/14	1/23/15	90%
2a	Dust Removal for Structure	Total	152 days	9/29/14	2/28/15	90%
5d	Rebuild of Santa Maria (Tank 12)	RMPS	80 days	10/17/14	1/5/15	90%
Ex73	Stormwater Repair – 3 Manholes	Yards	81 days	10/31/14	1/20/15	90%
Ex44	Underground Pipe Project	South Yard	67 days	11/3/14	1/9/15	84%
Ex69	Scrap Cutting Pieces	RMPS	40 days	11/12/14	12/22/14	100%
Ex72	Cleaning of Assorted Materials in Total Enclosure	Total	130 days	11/20/14	3/30/15	30%
Ex76	Various Work Methods in Total Enclosure	Total	129 days	11/21/14	3/30/15	29%
Ex33	Building Negative Pressure Monitoring Upgrade	General	46 days	12/1/14	1/16/15	70%
Ex77	Containerizing Reverb Feed	Plant	9 days	1/5/15	1/14/15	0%
Ex80	WWT Containment Coating Repair	WWTP	14 days	12/8/14	12/22/14	100%
Ex81	Removal & Shipment of Spent Furnace Brick &	General	36 days	12/4/14	1/9/15	90%
5b	Blast Furnace Activities	Blast Furnace	73 days	12/16/14	2/27/15	50%
4	RCRA RFI Soil Sampling	General	73 days	1/5/15	3/19/15	0%
Ex83	RFI Soil Sampling Supplemental	General	73 days	1/5/15	3/19/15	0%
3a	Blast Furnace Tray Type Wet Scrubbing System	BH Building	91 days	12/16/14	3/17/15	5%
Ex84	Repurposing of North Reverb Baghouse	BH Building	42 days	12/22/14	2/2/15	10%
3c	Replacement of Blast Furnace Partial Enclosure	Blast Furnace	66 days	12/16/14	2/20/15	20%
3i	Installation of Rotary Dryer Regenerative Thermal	BH Building	57 days	12/16/14	2/11/15	5%
3j	Installation of HEPA Filters on MAC Baghouses	BH Building	20 days	12/16/14	1/5/15	50%
Ex86 / 3k	Installation of Blast RTO	Smelting	78 days	12/22/14	3/10/15	5%

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_122914.pptx

Site Map

Mitigation Project Map Layout

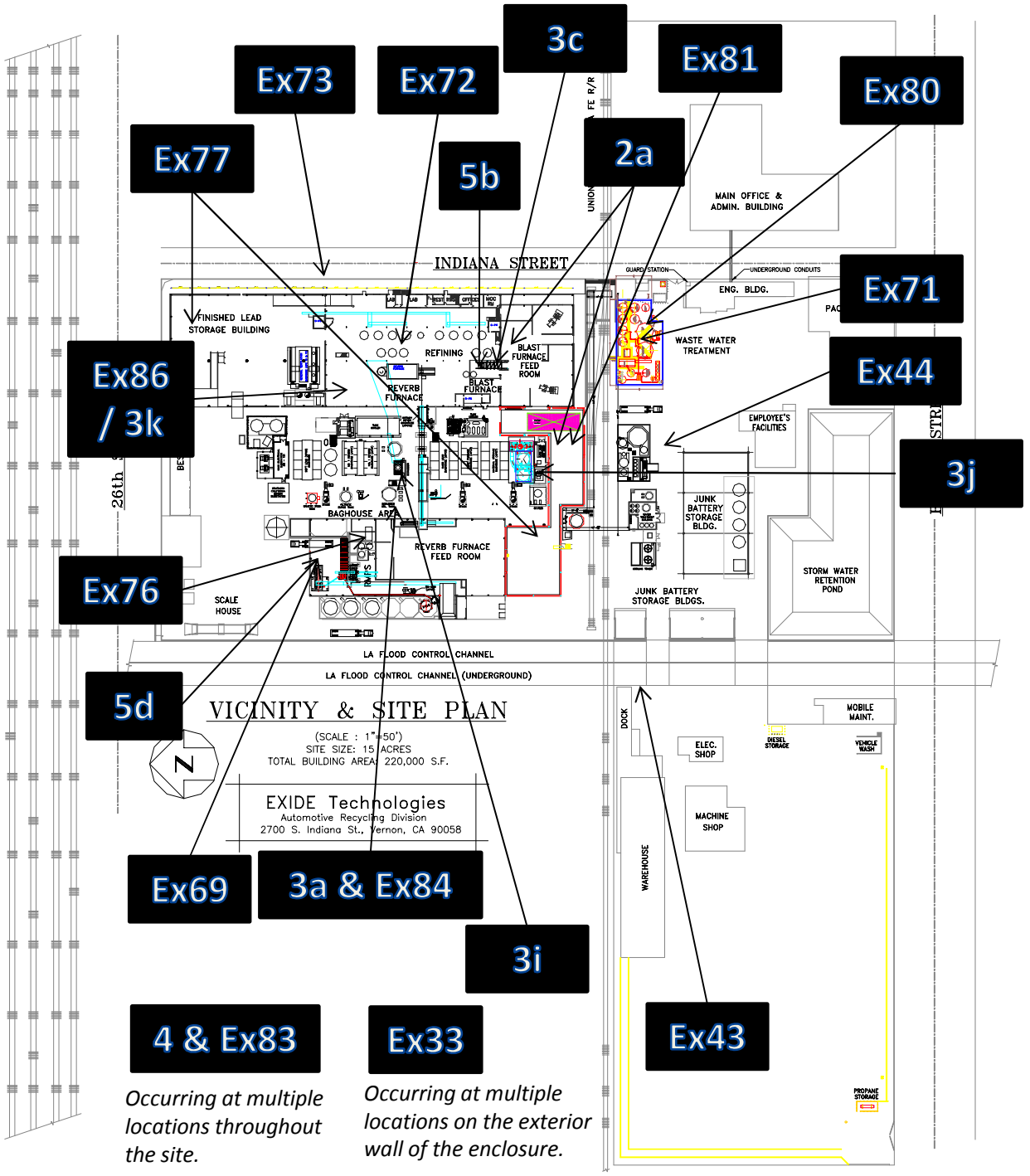
Week 12/18/14 – 1/7/15

Rev: 12/29/2014

Ex43. *West Yard Sump Piping*
2a*. Dust Removal*
5d*. Rebuild of Santa Maria (Tank 12)*
Ex73*. Stormwater Repair – 3 Manholes*
Ex44*. Underground Pipe Project*
Ex69*. Scrap Cutting Pieces*
Ex77*. Containerizing Reverb Feed*
Ex80. *WWT Containment Coating Repair*
Ex81*. Removal & Shipment of Spent Furnace Brick & Refractory*
Ex33. *Building Negative Pressure Monitoring Upgrade*
4. *RCRA RFI Soil Sampling*
Ex83*. RFI Soil Sampling Supplemental*
Ex72. *Cleaning of Assorted Materials in Total Enclosure*
Ex76. *Various Work Methods in Total Enclosure*
5b. *Blast Furnace Activities*
3a. *Blast Furnace Tray Type Wet Scrubbing System Installation*
Ex84*. Rebuilding of Reverb Baghouse*
3c. *Replacement of Blast Furnace Partial Enclosure*
3i. *Installation of Rotary Dryer Regenerative Thermal Oxidizer*
3j. *Installation of HEPA Filters on MAC Baghouses*
Ex86 / 3k. *Installation of Blast RTO*

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_122914.pptx



Monitoring Results / Reports
(Monday, December 29, 2014)

ACTIVITY	SERIAL NUMBER	LOCATION
EX-44 – UNDERGROUND PIPE PROJECT	8530141712	UPWIND
EX-44 – UNDERGROUND PIPE PROJECT	8530113011	DOWNWIND 1
EX-44 – UNDERGROUND PIPE PROJECT	8530100906	DOWNWIND 2

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

12/29/2014 Work Area Ex 44 -
Underground Pipe Project

Test 011

Instrument		Data Properties	
Model	DustTrak II	Start Date	12/29/2014
Instrument S/N	8530141712	Start Time	07:42:06
		Stop Date	12/29/2014
		Stop Time	14:27:06
		Total Time	0:06:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	12/29/2014	07:57:06	0.048
2	12/29/2014	08:12:06	0.044
3	12/29/2014	08:27:06	0.048
4	12/29/2014	08:42:06	0.054
5	12/29/2014	08:57:06	0.062
6	12/29/2014	09:12:06	0.067
7	12/29/2014	09:27:06	0.071
8	12/29/2014	09:42:06	0.073
9	12/29/2014	09:57:06	0.071
10	12/29/2014	10:12:06	0.069
11	12/29/2014	10:27:06	0.063
12	12/29/2014	10:42:06	0.065
13	12/29/2014	10:57:06	0.051
14	12/29/2014	11:12:06	0.049
15	12/29/2014	11:27:06	0.025
16	12/29/2014	11:42:06	0.027
17	12/29/2014	11:57:06	0.036
18	12/29/2014	12:12:06	0.039
19	12/29/2014	12:27:06	0.046
20	12/29/2014	12:42:06	0.048
21	12/29/2014	12:57:06	0.050
22	12/29/2014	13:12:06	0.046
23	12/29/2014	13:27:06	0.046
24	12/29/2014	13:42:06	0.050
25	12/29/2014	13:57:06	0.049
26	12/29/2014	14:12:06	0.051
27	12/29/2014	14:27:06	0.052

Test 057

Instrument		Data Properties	
Model	DustTrak II	Start Date	12/29/2014
Instrument S/N	8530113011	Start Time	08:08:55
		Stop Date	12/29/2014
		Stop Time	14:23:55
		Total Time	0:06:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	12/29/2014	08:23:55	0.043
2	12/29/2014	08:38:55	0.039
3	12/29/2014	08:53:55	0.043
4	12/29/2014	09:08:55	0.049
5	12/29/2014	09:23:55	0.050
6	12/29/2014	09:38:55	0.053
7	12/29/2014	09:53:55	0.052
8	12/29/2014	10:08:55	0.051
9	12/29/2014	10:23:55	0.045
10	12/29/2014	10:38:55	0.045
11	12/29/2014	10:53:55	0.038
12	12/29/2014	11:08:55	0.036
13	12/29/2014	11:23:55	0.021
14	12/29/2014	11:38:55	0.015
15	12/29/2014	11:53:55	0.026
16	12/29/2014	12:08:55	0.028
17	12/29/2014	12:23:55	0.033
18	12/29/2014	12:38:55	0.036
19	12/29/2014	12:53:55	0.038
20	12/29/2014	13:08:55	0.036
21	12/29/2014	13:23:55	0.036
22	12/29/2014	13:38:55	0.039
23	12/29/2014	13:53:55	0.038
24	12/29/2014	14:08:55	0.039
25	12/29/2014	14:23:55	0.040

Test 063

Instrument		Data Properties	
Model	DustTrak II	Start Date	12/29/2014
Instrument S/N	8530100906	Start Time	08:57:03
		Stop Date	12/29/2014
		Stop Time	14:27:03
		Total Time	0:05:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	12/29/2014	09:12:03	0.043
2	12/29/2014	09:27:03	0.045
3	12/29/2014	09:42:03	0.046
4	12/29/2014	09:57:03	0.044
5	12/29/2014	10:12:03	0.041
6	12/29/2014	10:27:03	0.038
7	12/29/2014	10:42:03	0.038
8	12/29/2014	10:57:03	0.027
9	12/29/2014	11:12:03	0.026
10	12/29/2014	11:27:03	0.010
11	12/29/2014	11:42:03	0.018
12	12/29/2014	11:57:03	0.022
13	12/29/2014	12:12:03	0.025
14	12/29/2014	12:27:03	0.029
15	12/29/2014	12:42:03	0.032
16	12/29/2014	12:57:03	0.032
17	12/29/2014	13:12:03	0.031
18	12/29/2014	13:27:03	0.032
19	12/29/2014	13:42:03	0.035
20	12/29/2014	13:57:03	0.033
21	12/29/2014	14:12:03	0.034
22	12/29/2014	14:27:03	0.033

Monitoring Results / Reports
(Tuesday, December 30, 2014)

ACTIVITY	SERIAL NUMBER	LOCATION
EX-44 – UNDERGROUND PIPE PROJECT	8530100906	UPWIND
EX-44 – UNDERGROUND PIPE PROJECT	8530141008	DOWNWIND 1
EX-44 – UNDERGROUND PIPE PROJECT	8530141712	DOWNWIND 2

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

12/30/2014 Work Area Ex 44 -
Underground Pipe Project

Test 064

Instrument		Data Properties	
Model	DustTrak II	Start Date	12/30/2014
Instrument S/N	8530100906	Start Time	07:27:14
		Stop Date	12/30/2014
		Stop Time	13:12:14
		Total Time	0:05:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	12/30/2014	07:42:14	0.073
2	12/30/2014	07:57:14	0.076
3	12/30/2014	08:12:14	0.077
4	12/30/2014	08:27:14	0.077
5	12/30/2014	08:42:14	0.079
6	12/30/2014	08:57:14	0.081
7	12/30/2014	09:12:14	0.085
8	12/30/2014	09:27:14	0.089
9	12/30/2014	09:42:14	0.083
10	12/30/2014	09:57:14	0.086
11	12/30/2014	10:12:14	0.082
12	12/30/2014	10:27:14	0.080
13	12/30/2014	10:42:14	0.074
14	12/30/2014	10:57:14	0.069
15	12/30/2014	11:12:14	0.067
16	12/30/2014	11:27:14	0.063
17	12/30/2014	11:42:14	0.054
18	12/30/2014	11:57:14	0.040
19	12/30/2014	12:12:14	0.036
20	12/30/2014	12:27:14	0.036
21	12/30/2014	12:42:14	0.033
22	12/30/2014	12:57:14	0.025
23	12/30/2014	13:12:14	0.019

Test 049

Instrument		Data Properties	
Model	DustTrak II	Start Date	12/30/2014
Instrument S/N	8530141008	Start Time	07:39:32
		Stop Date	12/30/2014
		Stop Time	13:24:32
		Total Time	0:05:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	12/30/2014	07:54:32	0.110
2	12/30/2014	08:09:32	0.109
3	12/30/2014	08:24:32	0.108
4	12/30/2014	08:39:32	0.109
5	12/30/2014	08:54:32	0.114
6	12/30/2014	09:09:32	0.117
7	12/30/2014	09:24:32	0.120
8	12/30/2014	09:39:32	0.117
9	12/30/2014	09:54:32	0.117
10	12/30/2014	10:09:32	0.109
11	12/30/2014	10:24:32	0.112
12	12/30/2014	10:39:32	0.103
13	12/30/2014	10:54:32	0.097
14	12/30/2014	11:09:32	0.094
15	12/30/2014	11:24:32	0.087
16	12/30/2014	11:39:32	0.087
17	12/30/2014	11:54:32	0.062
18	12/30/2014	12:09:32	0.051
19	12/30/2014	12:24:32	0.050
20	12/30/2014	12:39:32	0.051
21	12/30/2014	12:54:32	0.037
22	12/30/2014	13:09:32	0.031
23	12/30/2014	13:24:32	0.024

Test 012

Instrument		Data Properties	
Model	DustTrak II	Start Date	12/30/2014
Instrument S/N	8530141712	Start Time	07:34:31
		Stop Date	12/30/2014
		Stop Time	13:19:31
		Total Time	0:05:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	12/30/2014	07:49:31	0.181
2	12/30/2014	08:04:31	0.122
3	12/30/2014	08:19:31	0.125
4	12/30/2014	08:34:31	0.125
5	12/30/2014	08:49:31	0.127
6	12/30/2014	09:04:31	0.125
7	12/30/2014	09:19:31	0.130
8	12/30/2014	09:34:31	0.135
9	12/30/2014	09:49:31	0.128
10	12/30/2014	10:04:31	0.134
11	12/30/2014	10:19:31	0.123
12	12/30/2014	10:34:31	0.119
13	12/30/2014	10:49:31	0.113
14	12/30/2014	11:04:31	0.104
15	12/30/2014	11:19:31	0.101
16	12/30/2014	11:34:31	0.101
17	12/30/2014	11:49:31	0.075
18	12/30/2014	12:04:31	0.061
19	12/30/2014	12:19:31	0.057
20	12/30/2014	12:34:31	0.058
21	12/30/2014	12:49:31	0.047
22	12/30/2014	13:04:31	0.040
23	12/30/2014	13:19:31	0.029

Monitoring Results / Reports
(Wednesday, December 31, 2014)

ACTIVITY	SERIAL NUMBER	LOCATION
EX-44 – UNDERGROUND PIPE PROJECT	8530141712	UPWIND
EX-44 – UNDERGROUND PIPE PROJECT	8530141008	DOWNWIND 1
EX-44 – UNDERGROUND PIPE PROJECT	8530100906 8530142303	DOWNWIND 2

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

12/31/2014 Work Area Ex 44 -
Underground Pipe Project

Test 013

Instrument		Data Properties	
Model	DustTrak II	Start Date	12/31/2014
Instrument S/N	8530141712	Start Time	07:47:31
		Stop Date	12/31/2014
		Stop Time	14:32:31
		Total Time	0:06:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	12/31/2014	08:02:31	0.060
2	12/31/2014	08:17:31	0.050
3	12/31/2014	08:32:31	0.080
4	12/31/2014	08:47:31	0.143
5	12/31/2014	09:02:31	0.031
6	12/31/2014	09:17:31	0.028
7	12/31/2014	09:32:31	0.035
8	12/31/2014	09:47:31	0.023
9	12/31/2014	10:02:31	0.020
10	12/31/2014	10:17:31	0.021
11	12/31/2014	10:32:31	0.022
12	12/31/2014	10:47:31	0.020
13	12/31/2014	11:02:31	0.017
14	12/31/2014	11:17:31	0.013
15	12/31/2014	11:32:31	0.015
16	12/31/2014	11:47:31	0.014
17	12/31/2014	12:02:31	0.014
18	12/31/2014	12:17:31	0.014
19	12/31/2014	12:32:31	0.016
20	12/31/2014	12:47:31	0.014
21	12/31/2014	13:02:31	0.014
22	12/31/2014	13:17:31	0.014
23	12/31/2014	13:32:31	0.014
24	12/31/2014	13:47:31	0.015
25	12/31/2014	14:02:31	0.014
26	12/31/2014	14:17:31	0.015
27	12/31/2014	14:32:31	0.016

Test 050

Instrument		Data Properties	
Model	DustTrak II	Start Date	12/31/2014
Instrument S/N	8530141008	Start Time	07:47:12
		Stop Date	12/31/2014
		Stop Time	14:32:12
		Total Time	0:06:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	12/31/2014	08:02:12	0.068
2	12/31/2014	08:17:12	0.047
3	12/31/2014	08:32:12	0.088
4	12/31/2014	08:47:12	0.122
5	12/31/2014	09:02:12	0.028
6	12/31/2014	09:17:12	0.026
7	12/31/2014	09:32:12	0.031
8	12/31/2014	09:47:12	0.021
9	12/31/2014	10:02:12	0.018
10	12/31/2014	10:17:12	0.019
11	12/31/2014	10:32:12	0.020
12	12/31/2014	10:47:12	0.019
13	12/31/2014	11:02:12	0.014
14	12/31/2014	11:17:12	0.012
15	12/31/2014	11:32:12	0.013
16	12/31/2014	11:47:12	0.013
17	12/31/2014	12:02:12	0.012
18	12/31/2014	12:17:12	0.013
19	12/31/2014	12:32:12	0.014
20	12/31/2014	12:47:12	0.012
21	12/31/2014	13:02:12	0.012
22	12/31/2014	13:17:12	0.012
23	12/31/2014	13:32:12	0.013
24	12/31/2014	13:47:12	0.013
25	12/31/2014	14:02:12	0.013
26	12/31/2014	14:17:12	0.013
27	12/31/2014	14:32:12	0.014

Test 065

Instrument		Data Properties	
Model	DustTrak II	Start Date	12/31/2014
Instrument S/N	8530100906	Start Time	07:36:31
		Stop Date	12/31/2014
		Stop Time	12:17:31
		Total Time	0:04:41:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	12/31/2014	07:51:31	0.044
2	12/31/2014	08:06:31	0.037
3	12/31/2014	08:21:31	0.031
4	12/31/2014	08:36:31	0.111
5	12/31/2014	08:51:31	0.023
6	12/31/2014	09:06:31	0.017
7	12/31/2014	09:21:31	0.018
8	12/31/2014	09:36:31	0.017
9	12/31/2014	09:51:31	0.012
10	12/31/2014	10:06:31	0.012
11	12/31/2014	10:21:31	0.014
12	12/31/2014	10:36:31	0.012
13	12/31/2014	10:51:31	0.012
14	12/31/2014	11:06:31	0.008
15	12/31/2014	11:21:31	0.008
16	12/31/2014	11:36:31	0.009
17	12/31/2014	11:51:31	0.009
18	12/31/2014	12:18:28	0.000

Test 047

Instrument		Data Properties	
Model	DustTrak II	Start Date	12/31/2014
Instrument S/N	8530142303	Start Time	12:53:24
		Stop Date	12/31/2014
		Stop Time	14:38:24
		Total Time	0:01:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	12/31/2014	13:08:24	0.021
2	12/31/2014	13:23:24	0.022
3	12/31/2014	13:38:24	0.023
4	12/31/2014	13:53:24	0.022
5	12/31/2014	14:08:24	0.023
6	12/31/2014	14:23:24	0.023
7	12/31/2014	14:38:24	0.024