TETRA TECH BAS

SOUTH COAST AQMD
CLERK OF THE BOARDS
'16 JUN -3 P3:18

June 3, 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 # 89 (5/19/16 – 5/25/16)

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 May 19, 2016 through May 25, 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
DTSC ORDERED	Clean Los Angeles County Flood Control Open Channel	Temporary Enclosure Under Negative Pressure*
EX119	Install Surface Impoundment Leak Detection Sumps	Clean Surfaces Prior to Installation

* 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.

Cleaning Los Angeles County Flood Control Open Channel

Exide continued cleaning the Los Angeles County Flood Control Open Channel that bisects the site and runs from 26th Street to the Los Angeles River. There is no mitigation plan for the open channel cleaning. However, mitigation measures were incorporated into the DTSC work plan that was reviewed and approved by both DTSC and SCAQMD. These measures include performance of all cleaning activities within a temporary enclosure under vacuum and collection of all generated liquids. Tetra Tech personnel were onsite to monitor activities related to the open channel cleaning work during this reporting period including upwind and downwind Dust Trak monitoring, until the channel cleaning was completed on Tuesday, May 24, 2016. On Friday, May 20, 2016, Exide suspended channel cleaning activities due to high winds. Channel cleaning resumed on Monday, May 23, 2016, and was completed on Tuesday, May 24, 2016.

Verification activities included:

- Visual observation of the open channel cleaning activities to verify compliance with the DTSC and SCAQMD approved work plan.
- Upwind and Downwind Dust Trak monitoring of the areas when activities were conducted onsite, to monitor for fugitive dust emissions. Review of Dust Trak data did not indicate that work associated with the open channel cleaning was generating fugitive dust emissions.
- 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 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.
- Visual confirmation that the HEPA vacuums being used were SCAQMD permitted for lead.

Install Surface Impoundment Leak Detection Sumps

Exide completed installation of 3 new sumps in the surface impoundment that include leak detection on Wednesday, May 25, 2016. Activities on Wednesday, May 25, 2016 included wiring and programming the control panel and alarms. Tetra Tech personnel were onsite to monitor activities related to the installation of the surface impoundment leak detect. Because all of the work was at the control panel, no physical labor was involved, and winds at the control panel area were blowing toward the impoundment a downwind Dust Trak monitor was not deployed.

Verification activities included:

- Visual observation of the installation activities to verify compliance with the SCAQMD 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 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
May 26 – Jun 1	• None at this time

Week	Anticipated Activities
Jun 2 - Jun 8	• None at this time

KEY MILESTONES:

The following key milestones were achieved during this reporting period:

- DTSC Ordered Open Channel Cleaning COMPLETE
- Install Surface Impoundment Leak Detection Sumps 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 May 19, 2016 through May 25, 2016. 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

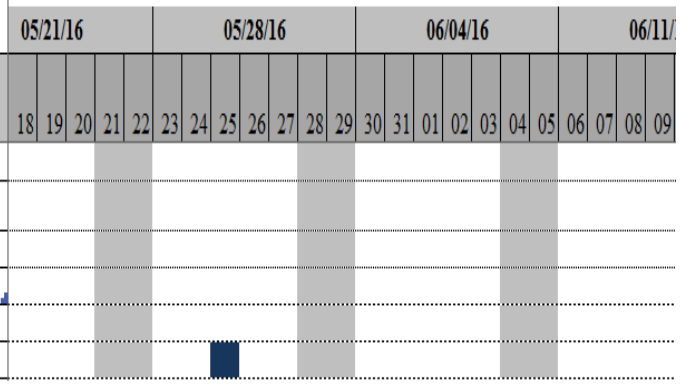
Gant Chart Schedule

Project Schedule
Week of 05/18/16 – 06/09/16
Rev: 05/25/2016

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%
Ex 119	Install Surface Impoundment Leak Detection Sumps	South Yard	15 days	5/9/06	05/27/16	100%



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_05/25/16.pptx

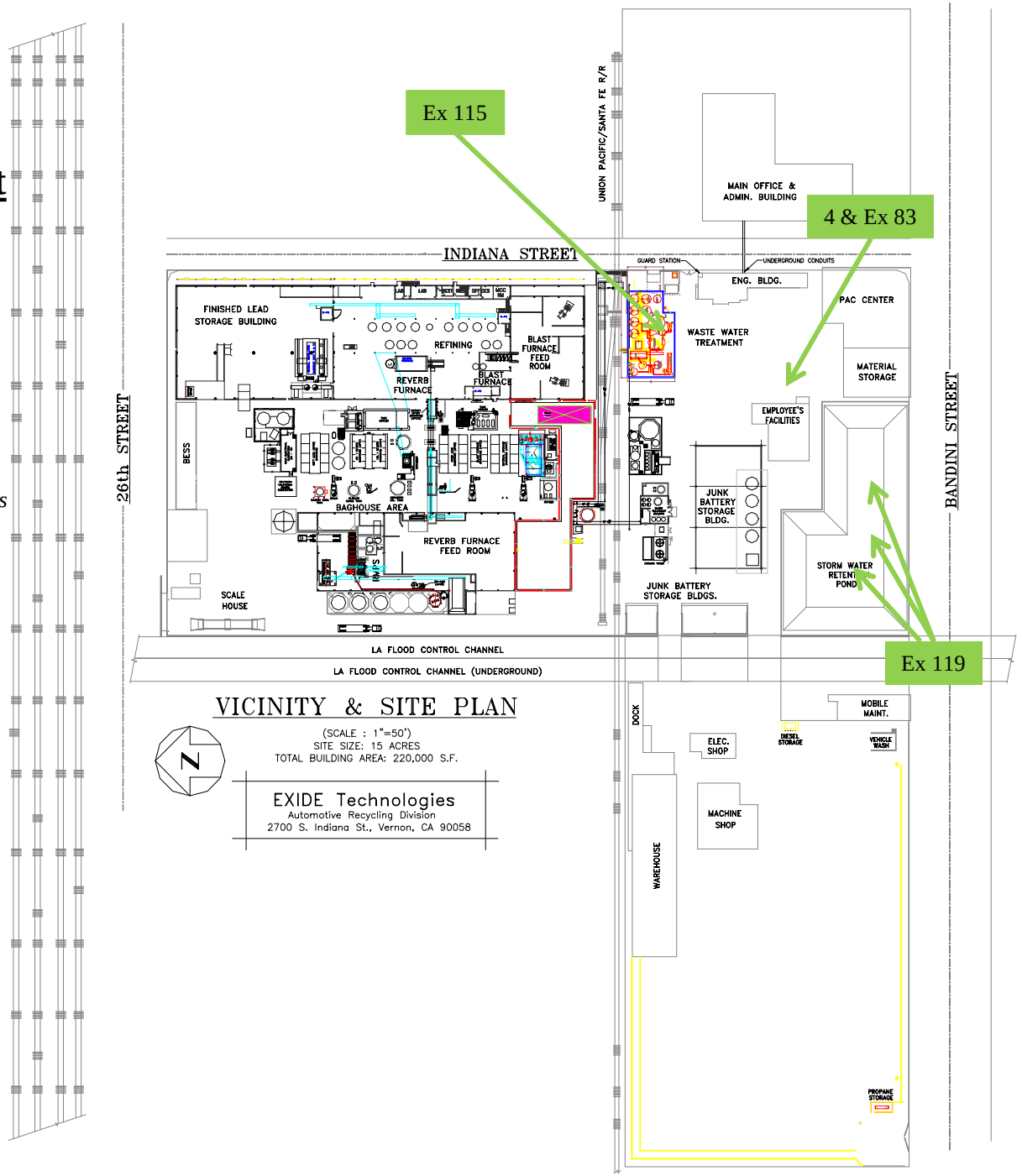
Site Map

Mitigation Project Map Layout

Week 05/18/16 – 06/09/16

Rev: 05/25/2016

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 119. Install Surface Impoundment Leak Detection Sumps



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_05/25/2016.pptx

Monitoring Results / Reports
(Thursday, May 19, 2016)

ACTIVITY	SERIAL NUMBER	LOCATION
Cleaning LA County Open Channel	8533141005	Uowind
Cleaning LA County Open Channel	8533143905	Downwind
Cleaning LA County Open Channel	8533152408	Downwind

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

5/19/2016 DTSC Ordered Open Channel Cleaning

Test 005

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	05/19/2016
Instrument S/N	8533143905	Start Time	05:54:43
		Stop Date	05/19/2016
		Stop Time	09:54:43
		Total Time	0:04:00:00
		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	05/19/2016	06:09:43	0.029	0.029	0.030	0.030	0.030
2	05/19/2016	06:24:43	0.029	0.030	0.031	0.031	0.031
3	05/19/2016	06:39:43	0.031	0.032	0.033	0.034	0.034
4	05/19/2016	06:54:43	0.030	0.031	0.031	0.031	0.031
5	05/19/2016	07:09:43	0.030	0.031	0.031	0.031	0.031
6	05/19/2016	07:24:43	0.030	0.031	0.031	0.031	0.032
7	05/19/2016	07:39:43	0.030	0.031	0.032	0.032	0.032
8	05/19/2016	07:54:43	0.032	0.033	0.033	0.033	0.034
9	05/19/2016	08:09:43	0.032	0.033	0.033	0.034	0.034
10	05/19/2016	08:24:43	0.034	0.035	0.036	0.036	0.036
11	05/19/2016	08:39:43	0.034	0.035	0.036	0.036	0.037
12	05/19/2016	08:54:43	0.033	0.034	0.035	0.036	0.036
13	05/19/2016	09:09:43	0.032	0.033	0.033	0.034	0.034
14	05/19/2016	09:24:43	0.040	0.044	0.045	0.045	0.045
15	05/19/2016	09:39:43	0.046	0.051	0.052	0.053	0.053
16	05/19/2016	09:54:43	0.052	0.058	0.058	0.059	0.059

Test 025

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	05/19/2016
Instrument S/N	8533152408	Start Time	10:10:51
		Stop Date	05/19/2016
		Stop Time	14:40:51
		Total Time	0:04:30:00
		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	05/19/2016	10:25:51	0.043	0.044	0.044	0.045	0.045
2	05/19/2016	10:40:51	0.043	0.044	0.044	0.044	0.044
3	05/19/2016	10:55:51	0.040	0.041	0.041	0.041	0.041
4	05/19/2016	11:10:51	0.037	0.037	0.037	0.038	0.038
5	05/19/2016	11:25:51	0.035	0.035	0.035	0.036	0.036
6	05/19/2016	11:40:51	0.033	0.034	0.034	0.034	0.034
7	05/19/2016	11:55:51	0.034	0.034	0.034	0.035	0.035
8	05/19/2016	12:10:51	0.035	0.035	0.036	0.036	0.036
9	05/19/2016	12:25:51	0.036	0.036	0.037	0.037	0.037
10	05/19/2016	12:40:51	0.037	0.037	0.037	0.038	0.038
11	05/19/2016	12:55:51	0.035	0.035	0.036	0.036	0.036
12	05/19/2016	13:10:51	0.034	0.034	0.035	0.035	0.035
13	05/19/2016	13:25:51	0.033	0.033	0.033	0.034	0.034
14	05/19/2016	13:40:51	0.032	0.032	0.032	0.033	0.033
15	05/19/2016	13:55:51	0.032	0.033	0.033	0.034	0.034
16	05/19/2016	14:10:51	0.032	0.032	0.032	0.033	0.033
17	05/19/2016	14:25:51	0.033	0.034	0.034	0.035	0.035
18	05/19/2016	14:40:51	0.034	0.034	0.035	0.035	0.035

Test 016

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	05/19/2016
Instrument S/N	8533141005	Start Time	06:02:29
		Stop Date	05/19/2016
		Stop Time	09:34:49
		Total Time	0:03:32:00
		Logging Interval	910 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	05/19/2016	06:17:39	0.027	0.028	0.028	0.029	0.029
2	05/19/2016	06:32:49	0.031	0.031	0.031	0.032	0.032
3	05/19/2016	06:47:59	0.029	0.030	0.030	0.030	0.030
4	05/19/2016	07:03:09	0.031	0.032	0.032	0.032	0.032
5	05/19/2016	07:18:19	0.028	0.028	0.028	0.028	0.028
6	05/19/2016	07:33:29	0.028	0.028	0.029	0.029	0.029
7	05/19/2016	07:48:39	0.030	0.031	0.031	0.031	0.032
8	05/19/2016	08:03:49	0.033	0.034	0.034	0.034	0.034
9	05/19/2016	08:18:59	0.033	0.033	0.033	0.034	0.034
10	05/19/2016	08:34:09	0.034	0.035	0.035	0.035	0.035
11	05/19/2016	08:49:19	0.034	0.035	0.035	0.035	0.036
12	05/19/2016	09:04:29	0.032	0.032	0.033	0.033	0.033
13	05/19/2016	09:19:39	0.032	0.032	0.033	0.033	0.033
14	05/19/2016	09:34:49	0.031	0.031	0.031	0.032	0.032

Test 017

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	05/19/2016
Instrument S/N	8533141005	Start Time	10:05:24
		Stop Date	05/19/2016
		Stop Time	14:38:24
		Total Time	0:04:33:00
		Logging Interval	910 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	05/19/2016	10:20:34	0.038	0.039	0.039	0.040	0.040
2	05/19/2016	10:35:44	0.039	0.039	0.039	0.040	0.040
3	05/19/2016	10:50:54	0.038	0.038	0.038	0.039	0.039
4	05/19/2016	11:06:04	0.040	0.040	0.040	0.040	0.041
5	05/19/2016	11:21:14	0.039	0.039	0.039	0.039	0.039
6	05/19/2016	11:36:24	0.036	0.036	0.036	0.037	0.037
7	05/19/2016	11:51:34	0.037	0.037	0.037	0.037	0.037
8	05/19/2016	12:06:44	0.038	0.038	0.039	0.039	0.039
9	05/19/2016	12:21:54	0.039	0.039	0.039	0.040	0.040
10	05/19/2016	12:37:04	0.041	0.042	0.042	0.042	0.042
11	05/19/2016	12:52:14	0.038	0.038	0.038	0.039	0.039
12	05/19/2016	13:07:24	0.038	0.038	0.038	0.039	0.039
13	05/19/2016	13:22:34	0.037	0.037	0.037	0.038	0.038
14	05/19/2016	13:37:44	0.036	0.036	0.037	0.037	0.037
15	05/19/2016	13:52:54	0.036	0.037	0.037	0.038	0.038
16	05/19/2016	14:08:04	0.034	0.035	0.035	0.035	0.036
17	05/19/2016	14:23:14	0.035	0.036	0.036	0.037	0.037
18	05/19/2016	14:38:24	0.034	0.034	0.035	0.035	0.035

Monitoring Results / Reports
(Friday, May 20, 2016)

ACTIVITY	SERIAL NUMBER	LOCATION
Cleaning LA County Open Channel	8533141005	Upwind
Cleaning LA County Open Channel	8533152408	Downwind

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

5/20/2016 DTSC Ordered Open Channel Cleaning

Test 018

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	05/20/2016
Instrument S/N	8533141005	Start Time	06:29:26
		Stop Date	05/20/2016
		Stop Time	09:31:26
		Total Time	0:03:02:00
		Logging Interval	910 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	05/20/2016	06:44:36	0.016	0.017	0.018	0.019	0.019
2	05/20/2016	06:59:46	0.018	0.019	0.020	0.020	0.020
3	05/20/2016	07:14:56	0.018	0.020	0.020	0.021	0.021
4	05/20/2016	07:30:06	0.018	0.019	0.020	0.020	0.020
5	05/20/2016	07:45:16	0.018	0.020	0.020	0.021	0.021
6	05/20/2016	08:00:26	0.019	0.020	0.021	0.021	0.021
7	05/20/2016	08:15:36	0.019	0.021	0.021	0.021	0.021
8	05/20/2016	08:30:46	0.016	0.017	0.017	0.018	0.018
9	05/20/2016	08:45:56	0.015	0.016	0.016	0.017	0.017
10	05/20/2016	09:01:06	0.014	0.015	0.016	0.016	0.016
11	05/20/2016	09:16:16	0.015	0.016	0.017	0.018	0.018
12	05/20/2016	09:31:26	0.014	0.014	0.015	0.016	0.016

Test 026

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	05/20/2016
Instrument S/N	8533152408	Start Time	06:23:54
		Stop Date	05/20/2016
		Stop Time	10:38:54
		Total Time	0:04:15:00
		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	05/20/2016	06:38:54	0.016	0.018	0.019	0.019	0.019
2	05/20/2016	06:53:54	0.016	0.018	0.018	0.019	0.019
3	05/20/2016	07:08:54	0.019	0.020	0.021	0.021	0.021
4	05/20/2016	07:23:54	0.017	0.019	0.019	0.020	0.020
5	05/20/2016	07:38:54	0.017	0.019	0.020	0.020	0.021
6	05/20/2016	07:53:54	0.018	0.020	0.020	0.021	0.021
7	05/20/2016	08:08:54	0.018	0.020	0.020	0.021	0.021
8	05/20/2016	08:23:54	0.016	0.018	0.018	0.019	0.019
9	05/20/2016	08:38:54	0.013	0.014	0.014	0.015	0.015
10	05/20/2016	08:53:54	0.014	0.015	0.015	0.016	0.016
11	05/20/2016	09:08:54	0.013	0.014	0.015	0.015	0.016
12	05/20/2016	09:23:54	0.013	0.013	0.014	0.015	0.015
13	05/20/2016	10:14:30	0.038	0.040	0.041	0.056	0.108
14	05/20/2016	10:23:54	0.019	0.021	0.022	0.029	0.045
15	05/20/2016	10:38:54	0.016	0.017	0.017	0.022	0.030

Monitoring Results / Reports
(Monday, May 23, 2016)

ACTIVITY	SERIAL NUMBER	LOCATION
Cleaning LA County Open Channel	8533143905	Upwind
Cleaning LA County Open Channel	8533152408	Downwind

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

5/23/2016 DTSC Ordered Open Channel Cleaning

Test 006

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	05/23/2016
Instrument S/N	8533143905	Start Time	06:36:17
		Stop Date	05/23/2016
		Stop Time	14:51:17
		Total Time	0:08:15:00
		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	05/23/2016	06:51:17	0.012	0.013	0.013	0.015	0.015
2	05/23/2016	07:06:17	0.012	0.013	0.014	0.014	0.015
3	05/23/2016	07:21:17	0.011	0.013	0.013	0.014	0.014
4	05/23/2016	07:36:17	0.011	0.013	0.014	0.014	0.014
5	05/23/2016	07:51:17	0.010	0.012	0.013	0.013	0.013
6	05/23/2016	08:06:17	0.008	0.010	0.010	0.011	0.011
7	05/23/2016	08:21:17	0.007	0.008	0.009	0.009	0.010
8	05/23/2016	08:36:17	0.009	0.010	0.010	0.011	0.011
9	05/23/2016	08:51:17	0.007	0.008	0.008	0.009	0.010
10	05/23/2016	09:06:17	0.006	0.007	0.007	0.008	0.008
11	05/23/2016	09:21:17	0.006	0.007	0.008	0.008	0.008
12	05/23/2016	09:36:17	0.010	0.011	0.012	0.012	0.013
13	05/23/2016	09:51:17	0.008	0.010	0.010	0.011	0.011
14	05/23/2016	10:06:17	0.007	0.008	0.009	0.009	0.009
15	05/23/2016	10:21:17	0.009	0.010	0.010	0.011	0.011
16	05/23/2016	10:36:17	0.011	0.012	0.013	0.014	0.014
17	05/23/2016	10:51:17	0.007	0.009	0.009	0.010	0.010
18	05/23/2016	11:06:17	0.007	0.008	0.009	0.009	0.009
19	05/23/2016	11:21:17	0.006	0.007	0.007	0.008	0.008
20	05/23/2016	11:36:17	0.005	0.006	0.007	0.007	0.008
21	05/23/2016	11:51:17	0.006	0.007	0.007	0.009	0.012
22	05/23/2016	12:06:17	0.005	0.006	0.006	0.007	0.008
23	05/23/2016	12:21:17	0.004	0.005	0.005	0.006	0.007
24	05/23/2016	12:36:17	0.003	0.004	0.004	0.005	0.006
25	05/23/2016	12:51:17	0.002	0.003	0.003	0.004	0.004
26	05/23/2016	13:06:17	0.001	0.002	0.003	0.003	0.004
27	05/23/2016	13:21:17	0.001	0.002	0.002	0.003	0.003
28	05/23/2016	13:36:17	0.001	0.002	0.002	0.003	0.004
29	05/23/2016	13:51:17	0.001	0.002	0.002	0.003	0.004
30	05/23/2016	14:06:17	0.000	0.001	0.001	0.002	0.002
31	05/23/2016	14:21:17	0.000	0.001	0.001	0.002	0.002
32	05/23/2016	14:36:17	0.000	0.001	0.001	0.002	0.003
33	05/23/2016	14:51:17	0.000	0.001	0.001	0.002	0.002

Test 027

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	05/23/2016
Instrument S/N	8533152408	Start Time	06:44:23
		Stop Date	05/23/2016
		Stop Time	14:44:23
		Total Time	0:08:00:00
		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	05/23/2016	06:59:23	0.013	0.014	0.015	0.016	0.016
2	05/23/2016	07:14:23	0.010	0.011	0.012	0.013	0.013
3	05/23/2016	07:29:23	0.011	0.012	0.012	0.013	0.013
4	05/23/2016	07:44:23	0.010	0.011	0.011	0.012	0.012
5	05/23/2016	07:59:23	0.007	0.008	0.008	0.009	0.009
6	05/23/2016	08:14:23	0.005	0.006	0.006	0.007	0.007
7	05/23/2016	08:29:23	0.005	0.006	0.006	0.007	0.007
8	05/23/2016	08:44:23	0.006	0.006	0.007	0.007	0.007
9	05/23/2016	08:59:23	0.004	0.005	0.005	0.005	0.006
10	05/23/2016	09:14:23	0.005	0.006	0.006	0.006	0.007
11	05/23/2016	09:29:23	0.005	0.005	0.005	0.006	0.006
12	05/23/2016	09:44:23	0.004	0.005	0.005	0.006	0.006
13	05/23/2016	09:59:23	0.005	0.005	0.006	0.006	0.006
14	05/23/2016	10:14:23	0.006	0.007	0.007	0.008	0.008
15	05/23/2016	10:29:23	0.004	0.005	0.005	0.006	0.006
16	05/23/2016	10:44:23	0.005	0.006	0.006	0.007	0.007
17	05/23/2016	10:59:23	0.005	0.006	0.006	0.007	0.007
18	05/23/2016	11:14:23	0.006	0.007	0.007	0.008	0.008
19	05/23/2016	11:29:23	0.003	0.004	0.004	0.005	0.005
20	05/23/2016	11:44:23	0.003	0.004	0.004	0.005	0.005
21	05/23/2016	11:59:23	0.003	0.003	0.004	0.005	0.005
22	05/23/2016	12:14:23	0.003	0.003	0.003	0.004	0.004
23	05/23/2016	12:29:23	0.003	0.003	0.003	0.004	0.004
24	05/23/2016	12:44:23	0.004	0.004	0.005	0.005	0.006
25	05/23/2016	12:59:23	0.002	0.003	0.003	0.004	0.004
26	05/23/2016	13:14:23	0.003	0.003	0.004	0.004	0.005
27	05/23/2016	13:29:23	0.003	0.003	0.004	0.004	0.004
28	05/23/2016	13:44:23	0.003	0.003	0.004	0.004	0.004
29	05/23/2016	13:59:23	0.003	0.003	0.004	0.004	0.004
30	05/23/2016	14:14:23	0.003	0.003	0.003	0.004	0.004
31	05/23/2016	14:29:23	0.003	0.003	0.003	0.004	0.004
32	05/23/2016	14:44:23	0.002	0.003	0.003	0.004	0.004

Monitoring Results / Reports
(Tuesday, May 24, 2016)

ACTIVITY	SERIAL NUMBER	LOCATION
Cleaning LA County Open Channel	8533143905	Upwind
Cleaning LA County Open Channel	8533152408	Downwind

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

5/24/2016 DTSC Ordered Open Channel Cleaning

Test 007

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	05/24/2016
Instrument S/N	8533143905	Start Time	06:55:39
		Stop Date	05/24/2016
		Stop Time	15:25:39
		Total Time	0:08:30:00
		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	05/24/2016	07:10:39	0.015	0.016	0.017	0.018	0.018
2	05/24/2016	07:25:39	0.017	0.019	0.019	0.020	0.020
3	05/24/2016	07:40:39	0.012	0.013	0.014	0.015	0.015
4	05/24/2016	07:55:39	0.010	0.011	0.011	0.012	0.012
5	05/24/2016	08:10:39	0.010	0.011	0.011	0.012	0.012
6	05/24/2016	08:25:39	0.008	0.009	0.010	0.010	0.010
7	05/24/2016	08:40:39	0.009	0.010	0.011	0.011	0.012
8	05/24/2016	08:55:39	0.009	0.010	0.010	0.011	0.011
9	05/24/2016	09:10:39	0.009	0.010	0.010	0.011	0.011
10	05/24/2016	09:25:39	0.010	0.011	0.012	0.012	0.012
11	05/24/2016	09:40:39	0.010	0.011	0.011	0.012	0.012
12	05/24/2016	09:55:39	0.009	0.010	0.010	0.011	0.011
13	05/24/2016	10:10:39	0.008	0.008	0.009	0.009	0.009
14	05/24/2016	10:25:39	0.007	0.007	0.008	0.008	0.008
15	05/24/2016	10:40:39	0.007	0.007	0.008	0.008	0.008
16	05/24/2016	10:55:39	0.006	0.007	0.007	0.008	0.008
17	05/24/2016	11:10:39	0.006	0.007	0.007	0.007	0.007
18	05/24/2016	11:25:39	0.006	0.007	0.007	0.008	0.008
19	05/24/2016	11:40:39	0.006	0.007	0.007	0.008	0.008
20	05/24/2016	11:55:39	0.006	0.007	0.007	0.008	0.008
21	05/24/2016	12:10:39	0.007	0.008	0.008	0.009	0.009
22	05/24/2016	12:25:39	0.007	0.008	0.008	0.009	0.009
23	05/24/2016	12:40:39	0.007	0.007	0.008	0.008	0.009
24	05/24/2016	12:55:39	0.008	0.008	0.009	0.010	0.010
25	05/24/2016	13:10:39	0.007	0.008	0.009	0.009	0.009
26	05/24/2016	13:25:39	0.007	0.008	0.008	0.009	0.009
27	05/24/2016	13:40:39	0.007	0.008	0.009	0.009	0.009
28	05/24/2016	13:55:39	0.007	0.007	0.008	0.008	0.008
29	05/24/2016	14:10:39	0.006	0.006	0.007	0.007	0.007
30	05/24/2016	14:25:39	0.005	0.006	0.006	0.007	0.007
31	05/24/2016	14:40:39	0.005	0.005	0.006	0.006	0.006
32	05/24/2016	14:55:39	0.004	0.004	0.005	0.005	0.005
33	05/24/2016	15:10:39	0.003	0.004	0.004	0.004	0.004
34	05/24/2016	15:25:39	0.002	0.003	0.003	0.003	0.003

Test 028

Instrument	
Model	DustTrak DRX
Instrument S/N	8533152408

Data Properties	
Start Date	05/24/2016
Start Time	06:41:53
Stop Date	05/24/2016
Stop Time	15:26:53
Total Time	0:08:45:00
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	05/24/2016	06:56:53	0.012	0.013	0.014	0.015	0.015
2	05/24/2016	07:11:53	0.013	0.014	0.014	0.015	0.015
3	05/24/2016	07:26:53	0.013	0.013	0.014	0.014	0.014
4	05/24/2016	07:41:53	0.010	0.011	0.012	0.012	0.012
5	05/24/2016	07:56:53	0.008	0.008	0.009	0.009	0.009
6	05/24/2016	08:11:53	0.008	0.008	0.009	0.009	0.009
7	05/24/2016	08:26:53	0.008	0.008	0.009	0.009	0.009
8	05/24/2016	08:41:53	0.008	0.009	0.009	0.010	0.010
9	05/24/2016	08:56:53	0.007	0.008	0.008	0.009	0.009
10	05/24/2016	09:11:53	0.007	0.008	0.008	0.009	0.009
11	05/24/2016	09:26:53	0.008	0.008	0.008	0.009	0.009
12	05/24/2016	09:41:53	0.007	0.007	0.007	0.008	0.008
13	05/24/2016	09:56:53	0.006	0.006	0.007	0.007	0.007
14	05/24/2016	10:11:53	0.005	0.006	0.006	0.006	0.007
15	05/24/2016	10:26:53	0.005	0.005	0.006	0.006	0.006
16	05/24/2016	10:41:53	0.005	0.006	0.006	0.007	0.007
17	05/24/2016	10:56:53	0.005	0.006	0.006	0.006	0.006
18	05/24/2016	11:11:53	0.006	0.007	0.007	0.007	0.007
19	05/24/2016	11:26:53	0.007	0.008	0.008	0.008	0.008
20	05/24/2016	11:41:53	0.007	0.008	0.008	0.008	0.009
21	05/24/2016	11:56:53	0.007	0.007	0.008	0.008	0.008
22	05/24/2016	12:11:53	0.008	0.008	0.008	0.009	0.009
23	05/24/2016	12:26:53	0.009	0.010	0.010	0.010	0.011
24	05/24/2016	12:41:53	0.018	0.019	0.019	0.019	0.019
25	05/24/2016	12:56:53	0.016	0.017	0.017	0.018	0.018
26	05/24/2016	13:11:53	0.014	0.015	0.016	0.016	0.016
27	05/24/2016	13:26:53	0.015	0.015	0.015	0.016	0.016
28	05/24/2016	13:41:53	0.020	0.021	0.021	0.022	0.022
29	05/24/2016	13:56:53	0.014	0.014	0.014	0.015	0.015
30	05/24/2016	14:11:53	0.016	0.016	0.016	0.017	0.017
31	05/24/2016	14:26:53	0.016	0.016	0.017	0.017	0.017
32	05/24/2016	14:41:53	0.014	0.014	0.015	0.015	0.015
33	05/24/2016	14:56:53	0.009	0.009	0.009	0.010	0.011
34	05/24/2016	15:11:53	0.007	0.007	0.007	0.008	0.008
35	05/24/2016	15:26:53	0.006	0.007	0.007	0.008	0.008