TETRA TECH BAS

October 10, 2014 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 # 4 (10/02/14 – 10/08/14)**

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 October 2, 2014 through October 8, 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 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)
5e	North Oxidation Tank 24 Repairs	Temporary Enclosure Under Negative Pressure*
EX 49	RCRA Well Development SI-1 & SI-5	Contain All Mud/Water Proper Waste Disposal
2a	Dust Removal	Total Enclosure Building Under Negative Pressure
5f	Storm Water Piping Project Completion	Temporary Enclosure Under Negative Pressure*
5g	Refining Department Production Office Repairs	Total Enclosure Building Under Negative Pressure
EX 43	West Yard Sump Piping	None*

* Dust Trak monitoring performed for this work item.

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

North Oxidation Tank 24 Repairs

On Thursday, October 2, 2014, Advance Construction removed all of their equipment from inside Tank 24 in preparation for tank inspection. The repair work was inspected on Friday, October 3, 2014. Following the inspection the tank was closed and prepared to be filled with water to test its integrity. All work on October 2, 2014 and October 3, 2014 was performed under negative pressure and vented to a permitted HEPA filtration system. On Monday, October 6, 2014, Exide began filling Tank 24, and leak testing continued beyond the period of this report. Once the leak testing is complete the temporary enclosure will be removed.

Tetra Tech personnel witnessed the repair activities occurring within the temporary negative pressure enclosure vented to a permitted HEPA filtration system and confirmed compliance with the Mitigation Plan. No fugitive dust was observed during this work activity. Dust Trak monitoring readings upwind and downwind of the work area were generally comparable, indicating that no significant emissions were generated through this task. Verification activities included:

- Observation of the installation of the temporary enclosure.
- Continuous downwind Dust Trak monitoring on the temporary enclosure installation and repair activities within the enclosure, to monitor for fugitive dust emissions.
- Confirmation that negative pressure was maintained by checking the gauge on the temporary enclosure routinely while repair activities were ongoing and vented to a permitted HEPA filtration system throughout the entirety of the project.
- Visual inspection of the enclosure prior to the start of each shift to confirm that no visible leaks or tears were present, that the structural integrity of the enclosure was maintained and that the enclosure was under negative pressure. 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. All necessary repairs were immediately made.

Storm Water Pipe Completion Project

Innovative Construction Solutions (ICS) and their subcontractor Brownco began storm water pipe repair on the manholes in the west yard on Thursday October 2, 2014 at manhole F. All work was done within the temporary enclosure under negative pressure and vented to a permitted HEPA filtration system. Brownco saw-cut around manhole F, and then chipped out concrete using a roto hammer with dust shroud. Within the temporary enclosure, Castlerock provided two (2) 125 CFM HEPA vacuums to collect dust and liquids generated from the repair activities. Once ICS completed work at one manhole, Castlerock would then relocate the enclosure from the completed manhole to the next manhole requiring repair. During this reporting period, ICS completed work at manholes F, G, H, J and K. Work performed was similar, and mitigation measures employed were the same at all locations.

Tetra Tech personnel were onsite to verify permits for the two HEPA vacuums, review specifications and confirm that the Hilti roto hammer was an approved equal to the Bosch roto hammer identified in the approved mitigation plan. Tetra Tech personnel placed DustTrak monitors upwind and downwind of the temporary enclosure at each of the repair areas when work was taking place to monitor for fugitive dust. Tetra Tech personnel also routinely verified that the repair areas were maintained under negative pressure and vented to a permitted HEPA filtration system while work was in progress.

Tetra Tech personnel placed Dust Trak monitors upwind and downwind of manholes F. G, H, J and K to monitor for fugitive dust during the repair activities conducted in the temporary enclosures. Tetra Tech personnel also verified that the temporary enclosures maintained negative pressure once Castlerock completed erecting each and that the enclosure was vented to a permitted HEPA filtration system. Dust Trak monitoring readings upwind and downwind of the work area were generally comparable, indicating that no significant dust emissions were generated from this project.

Verification activities included:

- Observation of the installation of the temporary enclosures.
- Continuous 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.
- Visual inspection of the enclosures prior to the start of each shift to confirm that no visible leaks or tears were present, that the structural integrity of the enclosures were maintained and that the enclosures were under negative pressure and vented to a permitted HEPA filtration system throughout the entirety of the project. Any noted areas where seams needed to be re-taped were repaired by Castlerock prior to resuming work within the enclosures. Seams that needed re-taping were identified during the initial inspection by Tetra Tech personnel or when a drop in negative pressure was noted and repairs were made immediately.
- Visual inspection of the completed repair areas to confirm that all liquid and dust had been captured by HEPA vacuum and containerized in sealed 55 gallon drums.
- Visual inspection of drum labels and transfer of the drums to the total enclosure building for proper waste management.

Dust Removal

National Response Corporation (NRC) personnel were onsite on October 2, 3, 6 and 7, 2014, to continue erecting scaffolding and vacuum piping inside the total enclosure building and to prepare their equipment for dust removal. Dust removal began on October 8, 2014 using six (6) HEPA backpack type vacuums with valid SCAQMD various locations permits.

NRC began dust removal in the total enclosure building in the area of the Santa Maria tank in the RMPS building. Six (6) back-pack type HEPA vacuums were used to remove dust from horizontal cross members and supports. Vacuum activities started shortly after 9:00 a.m. and continued beyond this reporting period. The vacuums were emptied into the RMPS sump under continuous mist. The RMPS sump is a part of the existing dust conveyance system which converts dust to a water slurry that is sent to the filter press circuit.

NRC maintains eight (8) permitted back-pack type HEPA vacuums with SCAQMD various locations permits that will be used during the dust removal process. The eight (8) permitted vacuums include two (2) Pullman Holt Model 30 ASB (Serial Numbers 6773 and 6774), two (2) Comfort Pro Model BP6S (Serial Numbers 0914002684 and 0914002684), and four (4) Nilfisk Model GD 10 Back (Serial Numbers 1411-00096, 1411-00032, 1411-00064, and 1426-00160).

NRC intends to start using a vacuum truck to facilitate the dust removal activities during the next reporting period pending receipt of an SCAQMD Permit to Operate.

Tetra Tech personnel were onsite to monitor mobilization activities and observe installation of scaffolding and 3 inch PVC pipe that will be used as a header to vacuum in the rafters and on elevated surfaces within the total enclosure building. Once dust removal began, Tetra Tech personnel were onsite to monitor dust removal activities, verify permits for the HEPA vacuums, and dust disposal at the RMPS sump. Verification activities included:

- Visual observation of the dust removal process for fugitive dust within the total enclosure building.
- Verification that the total enclosure building was maintained under negative pressure and vented to operational air pollution control equipment during all dust removal activities.
- Verification that SCAQMD various locations permits were present for all of the back pack type HEPA vacuums and that the serial numbers on the equipment matched the permit.
- Observation of the emptying of the vacuums at the RMPS sump to confirm that no fugitive dust was generated during the process.

<u>Refining Department Production Office Repairs</u>

Exide's contractor Brownco began work in the Refining Department Production Office on October 3, 2014 after an asbestos survey was completed. No asbestos containing materials were identified in the working area. The Refining Department Production Office is located within the total enclosure building and is maintained under negative pressure and vented to operational air pollution control equipment. Repair activities including plumbing, air conditioner repairs, installation of electrical conduit and boxes, and installation of drywall. Repair activities in the bathroom continue beyond this reporting period.

Tetra Tech personnel were onsite to observe repair and mitigation activities associated with the refining department production office repairs. Verification activities included:

- Verification that the total enclosure building was maintained under negative pressure during repair activities.
- Verification that the HEPA vacuum that was used by Browncо had a valid SCAQMD various locations permit for use with lead.
- Verification that Browncо HEPA vacuumed the work area at the completion of each shift in accordance with the mitigation plan.

West Yard Sump Piping

Advanced Construction installed aboveground piping along the west and north fence in the west yard to connect the west yard sumps to the water treatment system. This activity does not require a temporary negative pressure enclosure because no work is being performed that has the potential to generate dust. To confirm Exide's statement that the activity will not generate dust, Tetra Tech personnel placed Dust Trak monitors upwind and downwind of the work area to monitor for fugitive dust during working hours. Dust Trak monitoring readings upwind and downwind of the work area were generally comparable, indicating that no significant dust emissions were generated from this project.

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 accordance with the Order for Abatement Case No. 3151-32 Findings and Decision, air monitoring was performed while work was occurring within the temporary enclosure at the North Oxidation Tank 24 area, during the enclosure installation and all repair work performed with the temporary enclosure at the storm water piping project completion, and during the west yard sump piping installation. Monitoring results and a site map showing the location of the temporary enclosures 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 table below shows the status of these activities

TASK	STATUS
North Oxidation Tank 24 Repairs	Ongoing
Security Surveillance Camera Installation	Completed
Storm Water Pipe Completion	Ongoing
Dust Removal	Ongoing
Refining Dep. Production Office Repairs	Ongoing
West Yard Sump Piping	Ongoing

WORK SCHEDULED DURING THE UPCOMING PERIOD:

The following activities are anticipated for the upcoming weeks:

Week	Anticipated Activities
Oct. 9 - Oct. 15	• North Oxidation Tank 24 Repairs Continue • Feed Room Floor Repair • Stormwater Pipe Project Completion Continues • Dust Removal Continues • Refining Department Production Office Repairs Continue • West Yard Sump Piping Continues • Santa Maria Tank 12 • Sand Filter Repair Work Phase 2 • Reverb Furnace Activities • Removal of Security Trailer • Install Chains and Signage
Oct. 16 - Oct. 22	• Storm Water Pipe Project Completion Continues • Feed Room Floor Repairs Continue • Dust Removal Continues • Refining Department Production Office Continues • West Yard Sump Piping Continues • Santa Maria Tank 12 Continues • Sand Filters Repair Work Continues • Reverb Furnace Activities Continue • Removal of Security Trailer Continues • Installation of Chains and Signage Continues

KEY MILESTONES:

The following key milestones were achieved during this reporting period:

- Security Surveillance Camera Installation: COMPLETED

POTENTIAL CHANGES AND ACTION ITEMS REQUIRING RESOLUTION:

The following items require resolution:

- None at this time.

OTHER NOTES/COMMENTS

Dust Removal activities are scheduled to occur 24 hours per day 5 days per week.

SUMMARY:

The summary provided herein covers the activities for the period of October 2, 2014 through October 8, 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

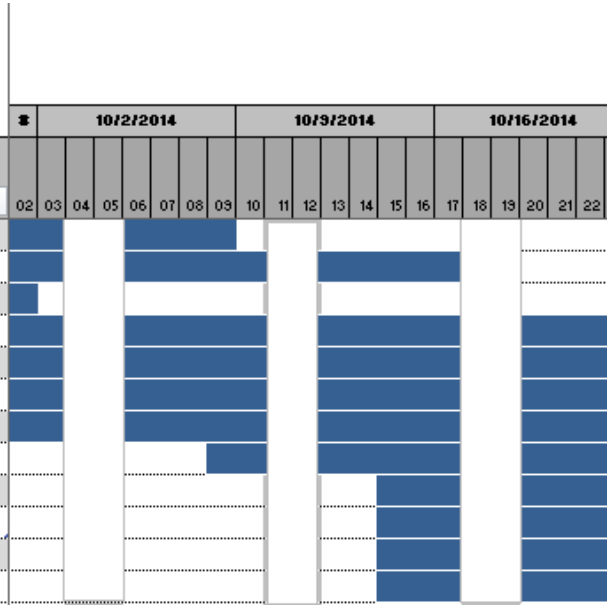
ATTACHMENTS:
Gant Chart Schedule
Site Map
Monitoring Results / Reports

Gant Chart Schedule

Project Schedule
Week of 10/2/14 – 10/22/14

EXIDE TECHNOLOGIES
Recycling Division, Vernon, CA

Mitigation Plan Reference	Task Name	Plant Location	Duration	Start Date	Finish Date	%
5e	Tank/Sump Maintenance (Tank 24)	North Yard	24 days	9/16/14	10/10/14	95%
5f	Storm Water Piping Project Completion	Yards	20 days	9/29/14	10/19/14	15%
6a	Security Surveillance Camera Installation	North Yard	11 days	9/22/14	10/3/14	100%
Ex36	Feedroom floor repair	Reverb Feedroom	61 days	9/22/14	11/22/14	0%
2a	Dust Removal for structure	RMPS & Refining	58 days	9/29/14	11/26/14	5%
5g	Refining Dep. Production Office Repairs	Refining	60 days	9/29/14	11/28/14	25%
Ex43	West Yard Sump Piping	RMPS & Refining	47 days	9/29/14	11/15/14	35%
5d	Santa Maria Tank 12	RMPS	29 days	10/9/14	11/7/14	0%
Ex51	Sand Filters Repair work	WWTP	30 days	10/15/14	11/14/14	0%
5a	Reverb Furnace Activities	RMPS	30 days	10/15/14	11/14/14	0%
Ex53	Removal of Security Trailer	Bandini Gate	11 days	10/15/14	10/29/14	0%
Ex68	Install Chains & Signage	BagHouse	21 days	10/15/14	11/24/14	0%



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

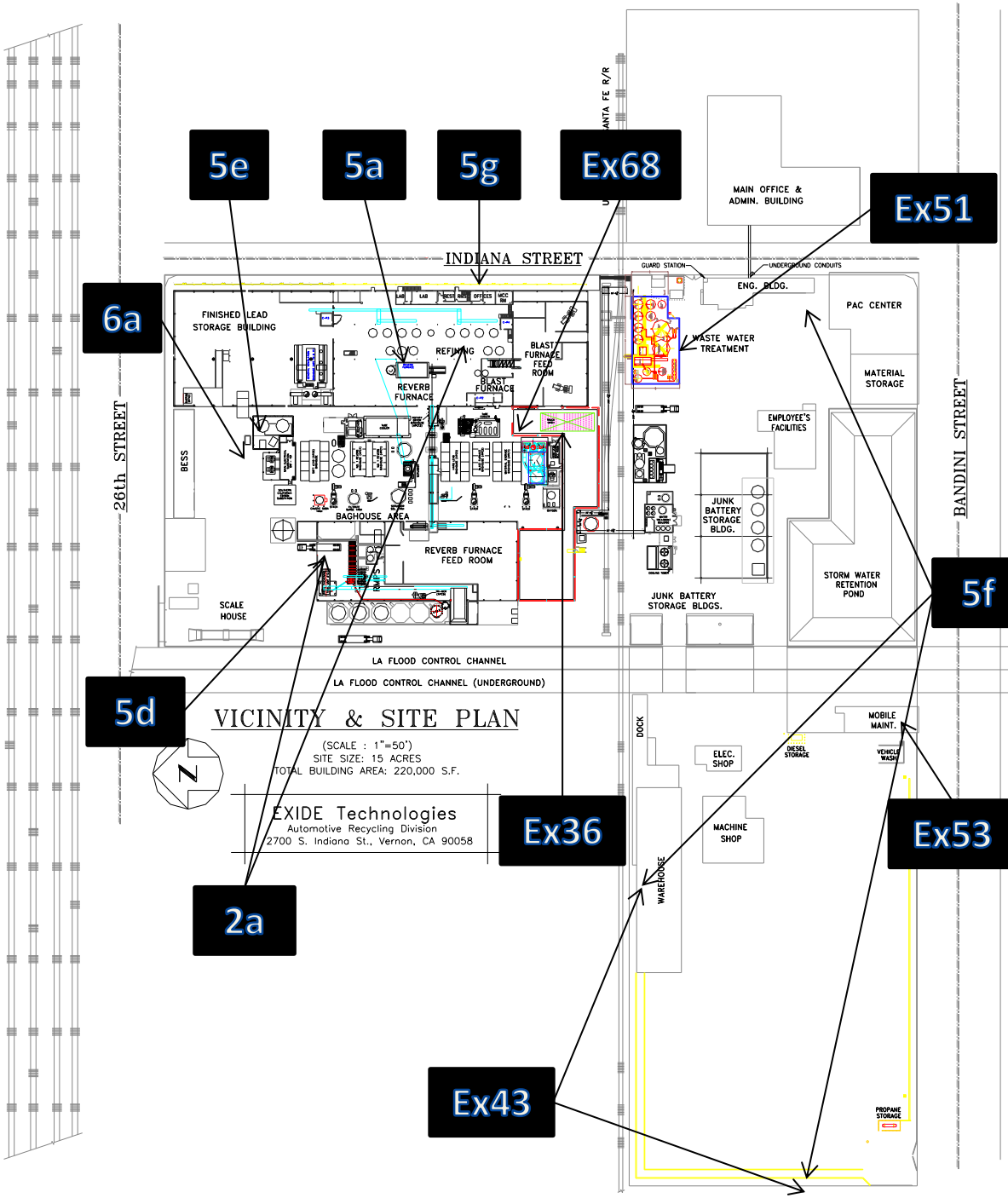
Site Map

Mitigation Project Map Layout

Week 10/02/14 – 10/22/14

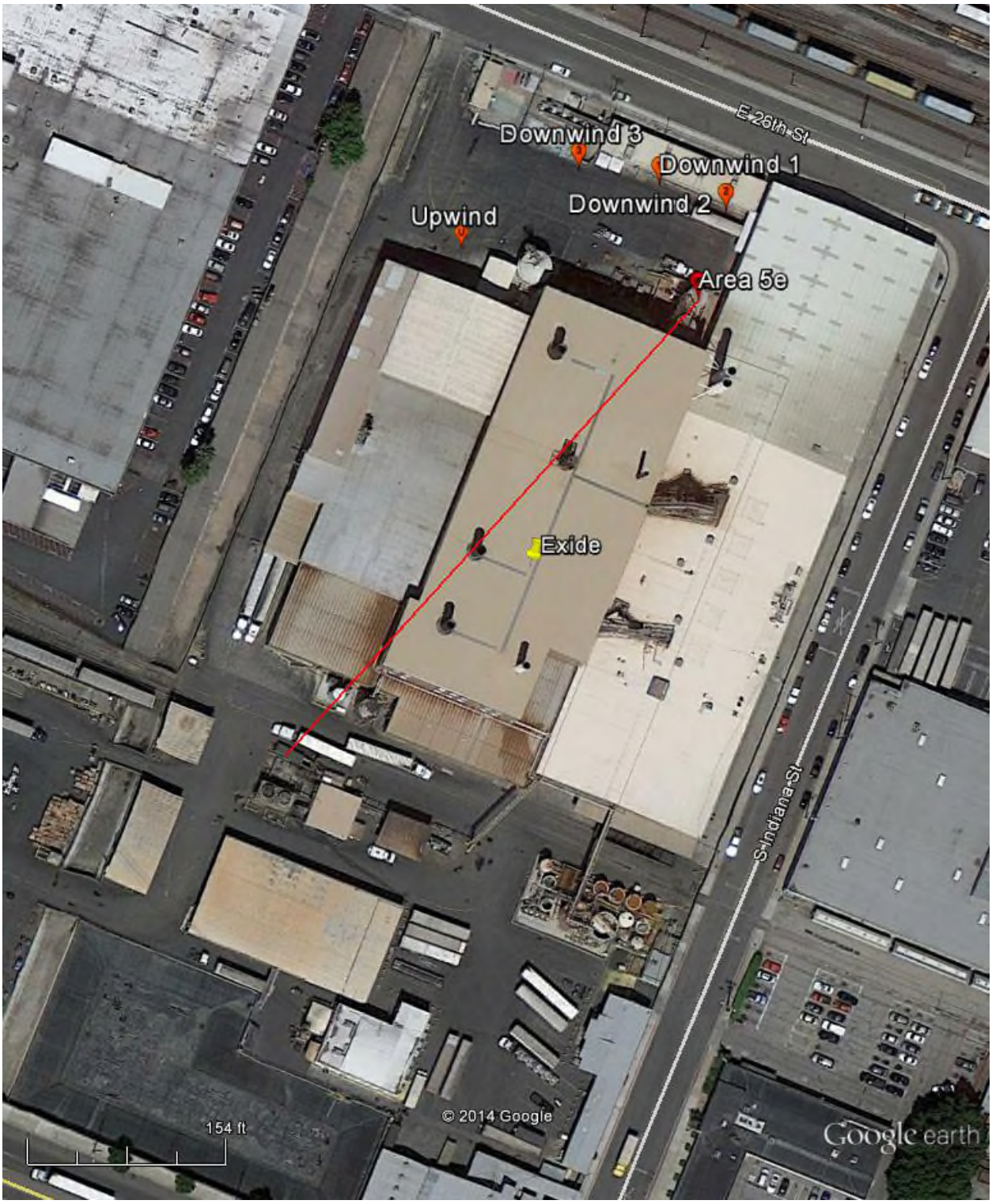
5e. North Oxidation Tank 24
5f. Storm water piping
6a. Security Camera's
Ex36. Feedroom floor repair
2a. Dust Removal
5g. Refining Department Pro. Office
Ex43 West Yard Sump Piping
Ex.51 Sandfilters Repair Work
5d. Santa Maria Tank 12
5a.Reverb Furnace Activities
Ex53.Removal of Security Trailer
Ex68. BF Install Chains & Signage

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_100914.ppt

Monitoring Results / Reports
(October 2, 2014)



EX 5e REPAIR AREA
DUST TRAK MONITORING LOCATIONS

TETRA TECH BAS

EXIDE TECHNOLOGIES FACILITY ID NO. 124838
ORDER FOR ABATEMENT CASE NO. 3151-32
INSTANTANEOUS DUSTTRAK AIR MONITORING FORM

Date: 10/2/2014 Work Activity / Location: 5e - North Oxidation Tank 24

Cycle Reading No.	Upwind 1		Downwind 1		Downwind 2		Downwind 3	
	Location:	U-1	Location:	D-1	Location:	D-2	Location:	D-3
	Serial No.:	8530110315	Serial No.:	8533133501	Serial No.:	8530132205	Serial No.:	8530113011
	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)
1	6:24	0.037	6:22	0.057	6:22	0.053	6:23	0.042
2	6:44	0.050	6:42	0.052	6:42	0.053	6:44	0.050
3	6:58	0.043	6:57	0.036	6:57	0.048	6:58	0.042
4	7:16	0.036	7:15	0.030	7:15	0.040	7:16	0.034
5	7:30	0.037	7:29	0.037	7:29	0.044	7:30	0.038
6	7:52	0.035	7:51	0.033	7:50	0.040	7:52	0.036
7	8:11	0.022	8:09	0.022	8:08	0.026	8:12	0.020
8	8:32	0.020	8:31	0.021	8:30	0.022	8:32	0.025
9	8:51	0.027	8:49	0.029	8:49	0.024	8:51	0.022
10	9:06	0.022	9:05	0.021	9:05	0.026	9:06	0.028
11	9:21	0.024	9:20	0.029	9:20	0.031	9:22	0.025
12	9:41	0.024	9:39	0.022	9:39	0.021	9:41	0.025
13	10:09	0.023	10:11	0.020	10:11	0.023	10:10	0.042
14	10:26	0.015	10:24	0.014	10:24	0.014	10:26	0.020
15	10:40	0.016	10:38	0.022	10:39	0.016	10:38	0.023
16	11:00	0.013	11:02	0.020	11:03	0.016	11:00	0.024
17	11:18	0.016	11:19	0.024	11:20	0.018	11:18	0.020
18	12:07	0.014	12:06	0.014	12:06	0.015	12:07	0.026
19	12:23	0.021	12:21	0.015	12:21	0.020	12:23	0.031
20	12:37	0.015	12:36	0.013	12:36	0.017	12:37	0.026
21	12:51	0.019	12:49	0.023	12:49	0.016	12:51	0.031
22	13:14	0.019	13:13	0.016	13:13	0.021	13:14	0.034
23	13:31	0.017	13:29	0.015	13:29	0.017	13:31	0.030
24	13:48	0.019	13:47	0.012	13:47	0.015	13:48	0.032
25	14:07	0.019	14:05	0.011	14:05	0.014	14:07	0.028
26	14:24	0.016	14:20	0.014	14:20	0.016	14:24	0.030
27								
28								
29								
30								
31								
32								

Time	7:35	10:20	12:53					
Wind Direction	0	0	0					
Avg. Wind Speed	0.0	0.0	0.0					[mph]
Temperature	71.7	85.4	96.2					[°F]

Comments: Work began at 6:35am and finished at 2:00pm.
Small valve tent pressure: = -0.040" w.c at 10:25, = -0.036" w.c. at 10:45.

Site Map attached showing location of Dustrak Monitors, and location of construction activities.

Recorded By: Tony Hernandez Date: 10/2/2014

Reviewed By: Nick Somogyi Date: 10/2/2014

Test 008

Instrument	
Model	DustTrak II
Instrument S/N	8530110315

Data Properties	
Start Date	10/02/2014
Start Time	05:46:05
Stop Date	10/02/2014
Stop Time	14:31:05
Total Time	0:08:45:00
Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/02/2014	06:01:05	0.036
2	10/02/2014	06:16:05	0.032
3	10/02/2014	06:31:05	0.040
4	10/02/2014	06:46:05	0.048
5	10/02/2014	07:01:05	0.043
6	10/02/2014	07:16:05	0.037
7	10/02/2014	07:31:05	0.039
8	10/02/2014	07:46:05	0.039
9	10/02/2014	08:01:05	0.033
10	10/02/2014	08:16:05	0.021
11	10/02/2014	08:31:05	0.020
12	10/02/2014	08:46:05	0.020
13	10/02/2014	09:01:05	0.023
14	10/02/2014	09:16:05	0.027
15	10/02/2014	09:31:05	0.035
16	10/02/2014	09:46:05	0.026
17	10/02/2014	10:01:05	0.021
18	10/02/2014	10:16:05	0.020
19	10/02/2014	10:31:05	0.016
20	10/02/2014	10:46:05	0.017
21	10/02/2014	11:01:05	0.014
22	10/02/2014	11:16:05	0.015
23	10/02/2014	11:31:05	0.016
24	10/02/2014	11:46:05	0.016
25	10/02/2014	12:01:05	0.016
26	10/02/2014	12:16:05	0.016
27	10/02/2014	12:31:05	0.020
28	10/02/2014	12:46:05	0.017
29	10/02/2014	13:01:05	0.019
30	10/02/2014	13:16:05	0.024
31	10/02/2014	13:31:05	0.021
32	10/02/2014	13:46:05	0.020
33	10/02/2014	14:01:05	0.018
34	10/02/2014	14:16:05	0.016
35	10/02/2014	14:31:05	0.016

Test 010

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	10/02/2014
Instrument S/N	8533133501	Start Time	05:50:32
		Stop Date	10/02/2014
		Stop Time	14:20:32
		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	10/02/2014	06:05:32	0.028	0.029	0.030	0.034	0.035
2	10/02/2014	06:20:32	0.026	0.028	0.029	0.035	0.037
3	10/02/2014	06:35:32	0.029	0.030	0.032	0.041	0.047
4	10/02/2014	06:50:32	0.034	0.035	0.037	0.042	0.044
5	10/02/2014	07:05:32	0.033	0.035	0.036	0.041	0.043
6	10/02/2014	07:20:32	0.026	0.027	0.028	0.032	0.033
7	10/02/2014	07:35:32	0.028	0.029	0.030	0.034	0.035
8	10/02/2014	07:50:32	0.029	0.030	0.031	0.037	0.038
9	10/02/2014	08:05:32	0.022	0.023	0.024	0.028	0.030
10	10/02/2014	08:20:32	0.015	0.016	0.017	0.021	0.023
11	10/02/2014	08:35:32	0.015	0.016	0.017	0.021	0.023
12	10/02/2014	08:50:32	0.016	0.017	0.018	0.022	0.023
13	10/02/2014	09:05:32	0.016	0.017	0.018	0.023	0.025
14	10/02/2014	09:20:32	0.025	0.026	0.027	0.033	0.035
15	10/02/2014	09:35:32	0.023	0.023	0.025	0.029	0.031
16	10/02/2014	09:50:32	0.015	0.015	0.017	0.020	0.022
17	10/02/2014	10:05:32	0.013	0.014	0.015	0.019	0.020
18	10/02/2014	10:20:32	0.013	0.013	0.014	0.017	0.018
19	10/02/2014	10:35:32	0.011	0.012	0.013	0.016	0.018
20	10/02/2014	10:50:32	0.011	0.011	0.012	0.016	0.018
21	10/02/2014	11:05:32	0.009	0.009	0.010	0.014	0.016
22	10/02/2014	11:20:32	0.009	0.010	0.011	0.015	0.017
23	10/02/2014	11:35:32	0.009	0.010	0.011	0.015	0.017
24	10/02/2014	11:50:32	0.010	0.011	0.012	0.016	0.017
25	10/02/2014	12:05:32	0.010	0.010	0.011	0.015	0.016
26	10/02/2014	12:20:32	0.009	0.009	0.010	0.013	0.014
27	10/02/2014	12:35:32	0.011	0.011	0.012	0.015	0.016
28	10/02/2014	12:50:32	0.009	0.009	0.010	0.012	0.013
29	10/02/2014	13:05:32	0.011	0.011	0.012	0.015	0.015
30	10/02/2014	13:20:32	0.013	0.013	0.014	0.017	0.018
31	10/02/2014	13:35:32	0.011	0.011	0.012	0.014	0.015
32	10/02/2014	13:50:32	0.010	0.011	0.011	0.013	0.013
33	10/02/2014	14:05:32	0.009	0.010	0.010	0.012	0.013
34	10/02/2014	14:20:32	0.008	0.008	0.009	0.011	0.012

Test 010

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/02/2014
Instrument S/N	8530132205	Start Time	05:53:17
		Stop Date	10/02/2014
		Stop Time	14:23:17
		Total Time	0:08:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/02/2014	06:08:17	0.040
2	10/02/2014	06:23:17	0.042
3	10/02/2014	06:38:17	0.043
4	10/02/2014	06:53:17	0.053
5	10/02/2014	07:08:17	0.049
6	10/02/2014	07:23:17	0.040
7	10/02/2014	07:38:17	0.043
8	10/02/2014	07:53:17	0.041
9	10/02/2014	08:08:17	0.032
10	10/02/2014	08:23:17	0.021
11	10/02/2014	08:38:17	0.022
12	10/02/2014	08:53:17	0.022
13	10/02/2014	09:08:17	0.025
14	10/02/2014	09:23:17	0.035
15	10/02/2014	09:38:17	0.026
16	10/02/2014	09:53:17	0.024
17	10/02/2014	10:08:17	0.022
18	10/02/2014	10:23:17	0.021
19	10/02/2014	10:38:17	0.019
20	10/02/2014	10:53:17	0.016
21	10/02/2014	11:08:17	0.015
22	10/02/2014	11:23:17	0.016
23	10/02/2014	11:38:17	0.015
24	10/02/2014	11:53:17	0.016
25	10/02/2014	12:08:17	0.015
26	10/02/2014	12:23:17	0.017
27	10/02/2014	12:38:17	0.018
28	10/02/2014	12:53:17	0.016
29	10/02/2014	13:08:17	0.019
30	10/02/2014	13:23:17	0.022
31	10/02/2014	13:38:17	0.019
32	10/02/2014	13:53:17	0.017
33	10/02/2014	14:08:17	0.016
34	10/02/2014	14:23:17	0.015

Test 014

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/02/2014
Instrument S/N	8530113011	Start Time	05:49:06
		Stop Date	10/02/2014
		Stop Time	14:19:06
		Total Time	0:08:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/02/2014	06:04:06	0.039
2	10/02/2014	06:19:06	0.031
3	10/02/2014	06:34:06	0.037
4	10/02/2014	06:49:06	0.046
5	10/02/2014	07:04:06	0.045
6	10/02/2014	07:19:06	0.035
7	10/02/2014	07:34:06	0.038
8	10/02/2014	07:49:06	0.043
9	10/02/2014	08:04:06	0.032
10	10/02/2014	08:19:06	0.023
11	10/02/2014	08:34:06	0.023
12	10/02/2014	08:49:06	0.023
13	10/02/2014	09:04:06	0.026
14	10/02/2014	09:19:06	0.045
15	10/02/2014	09:34:06	0.030
16	10/02/2014	09:49:06	0.029
17	10/02/2014	10:04:06	0.025
18	10/02/2014	10:19:06	0.027
19	10/02/2014	10:34:06	0.023
20	10/02/2014	10:49:06	0.024
21	10/02/2014	11:04:06	0.022
22	10/02/2014	11:19:06	0.026
23	10/02/2014	11:34:06	0.024
24	10/02/2014	11:49:06	0.029
25	10/02/2014	12:04:06	0.029
26	10/02/2014	12:19:06	0.027
27	10/02/2014	12:34:06	0.032
28	10/02/2014	12:49:06	0.029
29	10/02/2014	13:04:06	0.032
30	10/02/2014	13:19:06	0.036
31	10/02/2014	13:34:06	0.033
32	10/02/2014	13:49:06	0.032
33	10/02/2014	14:04:06	0.032
34	10/02/2014	14:19:06	0.029

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

10/02/2014 Work Area 5f - MH-F

TETRA TECH BAS

EXIDE TECHNOLOGIES FACILITY ID NO. 124838
ORDER FOR ABATEMENT CASE NO. 3151-32
INSTANTANEOUS DUSTTRAK AIR MONITORING FORM

Date: 10/2/2014 Work Activity / Location: 5f - Manhole F

Cycle Reading No.	Upwind 1		Downwind 1		Downwind 2		Downwind 3	
	Location: UF-1		Location: DF-1		Location:		Location:	
	Serial No.: 8530142303		Serial No.: 8530113811		Serial No.:		Serial No.:	
	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)
1	6:58	0.058	6:59	0.038				
2	7:15	0.058	7:16	0.043				
3	7:33	0.086	7:34	0.059				
4	7:44	0.074	7:45	0.057				
5	8:04	0.048	8:05	0.036				
6	8:15	0.041	8:16	0.038				
7	8:30	0.054	8:30	0.033				
8	8:45	0.038	8:45	0.034				
9	8:59	0.047	9:00	0.026				
10	9:15	0.033	9:16	0.023				
11	9:30	0.035	9:31	0.024				
12	9:44	0.029	9:45	0.024				
13	10:02	0.028	10:02	0.021				
14	10:15	0.025	10:15	0.019				
15	10:29	0.022	10:30	0.020				
16	10:46	0.019	10:47	0.016				
17	10:59	0.015	11:00	0.017				
18	12:02	0.020	12:03	0.017				
19	12:15	0.022	12:15	0.019				
20	12:29	0.018	12:30	0.020				
21	12:46	0.013	12:46	0.018				
22	12:59	0.015	13:00	0.020				
23	13:14	0.015	13:15	0.019				
24	13:29	0.016	13:30	0.019				
25	13:46	0.018	13:47	0.018				
26	13:59	0.013	14:00	0.018				
27	14:16	0.015	14:17	0.017				
28	14:27	0.010	14:30	0.017				
29								
30								
31								
32								

Time	6:15	8:35	10:35	12:35				
Wind Direction	NNE	NNE	NNE	NNE				
Avg. Wind Speed	0.5	2.5	2.0	2.0				[mph]
Temperature	67.5	76.0	86.0	95				[°F]

Comments: Work began at 6:25am and finished at 2:20pm.
Tent enclosure pressure = -0.024" w.c at 6:30, = -0.031" w.c at 8:30, = -0.038" w.c at 10:45, = -0.032" w.c at 12:35, = -0.086" w.c at 14:25.

Site Map attached showing location of Dustrak Monitors, and location of construction activities.

Recorded By: Teri Daigle Date: 10/2/2014

Reviewed By: Nick Somogyi Date: 10/2/2014

Test 003

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/02/2014
Instrument S/N	8530142303	Start Time	05:56:30
		Stop Date	10/02/2014
		Stop Time	14:26:30
		Total Time	0:08:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/02/2014	06:11:30	0.061
2	10/02/2014	06:26:30	0.066
3	10/02/2014	06:41:30	0.056
4	10/02/2014	06:56:30	0.052
5	10/02/2014	07:11:30	0.060
6	10/02/2014	07:26:30	0.059
7	10/02/2014	07:41:30	0.075
8	10/02/2014	07:56:30	0.074
9	10/02/2014	08:11:30	0.050
10	10/02/2014	08:26:30	0.045
11	10/02/2014	08:41:30	0.045
12	10/02/2014	08:56:30	0.043
13	10/02/2014	09:11:30	0.038
14	10/02/2014	09:26:30	0.035
15	10/02/2014	09:41:30	0.033
16	10/02/2014	09:56:30	0.028
17	10/02/2014	10:11:30	0.030
18	10/02/2014	10:26:30	0.023
19	10/02/2014	10:41:30	0.021
20	10/02/2014	10:56:30	0.018
21	10/02/2014	11:11:30	0.016
22	10/02/2014	11:26:30	0.017
23	10/02/2014	11:41:30	0.016
24	10/02/2014	11:56:30	0.016
25	10/02/2014	12:11:30	0.017
26	10/02/2014	12:26:30	0.019
27	10/02/2014	12:41:30	0.015
28	10/02/2014	12:56:30	0.015
29	10/02/2014	13:11:30	0.017
30	10/02/2014	13:26:30	0.016
31	10/02/2014	13:41:30	0.016
32	10/02/2014	13:56:30	0.016
33	10/02/2014	14:11:30	0.013
34	10/02/2014	14:26:30	0.013

Test 011

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/02/2014
Instrument S/N	8530113811	Start Time	05:58:51
		Stop Date	10/02/2014
		Stop Time	14:28:51
		Total Time	0:08:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/02/2014	06:13:51	0.072
2	10/02/2014	06:28:51	0.047
3	10/02/2014	06:43:51	0.041
4	10/02/2014	06:58:51	0.036
5	10/02/2014	07:13:51	0.042
6	10/02/2014	07:28:51	0.048
7	10/02/2014	07:43:51	0.064
8	10/02/2014	07:58:51	0.058
9	10/02/2014	08:13:51	0.037
10	10/02/2014	08:28:51	0.031
11	10/02/2014	08:43:51	0.030
12	10/02/2014	08:58:51	0.030
13	10/02/2014	09:13:51	0.023
14	10/02/2014	09:28:51	0.024
15	10/02/2014	09:43:51	0.022
16	10/02/2014	09:58:51	0.022
17	10/02/2014	10:13:51	0.023
18	10/02/2014	10:28:51	0.020
19	10/02/2014	10:43:51	0.020
20	10/02/2014	10:58:51	0.017
21	10/02/2014	11:13:51	0.017
22	10/02/2014	11:28:51	0.018
23	10/02/2014	11:43:51	0.018
24	10/02/2014	11:58:51	0.019
25	10/02/2014	12:13:51	0.020
26	10/02/2014	12:28:51	0.022
27	10/02/2014	12:43:51	0.018
28	10/02/2014	12:58:51	0.019
29	10/02/2014	13:13:51	0.021
30	10/02/2014	13:28:51	0.019
31	10/02/2014	13:43:51	0.020
32	10/02/2014	13:58:51	0.019
33	10/02/2014	14:13:51	0.017
34	10/02/2014	14:28:51	0.019

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

10/02/2014 Work Area Ex43

TETRA TECH BAS

EXIDE TECHNOLOGIES FACILITY ID NO. 124838
ORDER FOR ABATEMENT CASE NO. 3151-32
INSTANTANEOUS DUSTTRAK AIR MONITORING FORM

Date: 10/2/2014

Work Activity / Location: Ex. 43 - Above ground pipe installation

Cycle Reading No.	Upwind 1		Downwind 1		Downwind 2		Downwind 3	
	Location: U43-1		Location: D43-1		Location:		Location:	
	Serial No.: 8533132902		Serial No.: 8530100906		Serial No.:		Serial No.:	
	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)
1	6:36	0.049	6:37	0.033				
2	6:59	0.041	7:00	0.034				
3	7:14	0.045	7:15	0.042				
4	7:29	0.065	7:30	0.039				
5	7:46	0.061	7:47	0.047				
6	8:05	0.036	8:06	0.030				
7	8:16	0.030	8:17	0.024				
8	8:31	0.028	8:32	0.024				
9	8:46	0.030	8:47	0.027				
10	9:00	0.027	9:01	0.025				
11	9:17	0.028	9:17	0.025				
12	9:32	0.026	9:32	0.027				
13	9:46	0.030	9:46	0.028				
14	10:03	0.025	10:04	0.029				
15	10:16	0.023	10:17	0.031				
16	10:31	0.023	10:31	0.032				
17	10:47	0.020	10:48	0.028				
18	11:00	0.020	11:01	0.028				
19	12:03	0.024	12:04	0.032				
20	12:16	0.023	12:16	0.032				
21	12:31	0.028	12:32	0.033				
22	12:47	0.023	12:47	0.033				
23	13:01	0.023	13:01	0.034				
24	13:15	0.023	13:16	0.034				
25	13:30	0.023	13:31	0.035				
26	13:47	0.023	13:48	0.036				
27	14:00	0.023	14:01	0.034				
28	14:18	0.024	14:18	0.036				
29	14:32	0.025	14:34	0.035				
30								
31								
32								

Time	6:15	8:35	10:35	12:35				
Wind Direction	NNE	NNE	NNE	NNE				
Avg. Wind Speed	0.5	2.5	2.0	2.0				[mph]
Temperature	67.5	76.0	86.0	95				[°F]

Comments: Work began at 6:35am and finished by 11am.

Site Map attached showing location of Dustrak Monitors, and location of construction activities.

Recorded By: Teri Daigle/Ralph De La Parra Date: 10/2/2014

Reviewed By: Nick Somogyi Date: 10/2/2014

Test 011

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	10/02/2014
Instrument S/N	8533132902	Start Time	06:01:47
		Stop Date	10/02/2014
		Stop Time	14:31:47
		Total Time	0:08:30:00
		Logging Interval	900 seconds

Test Data

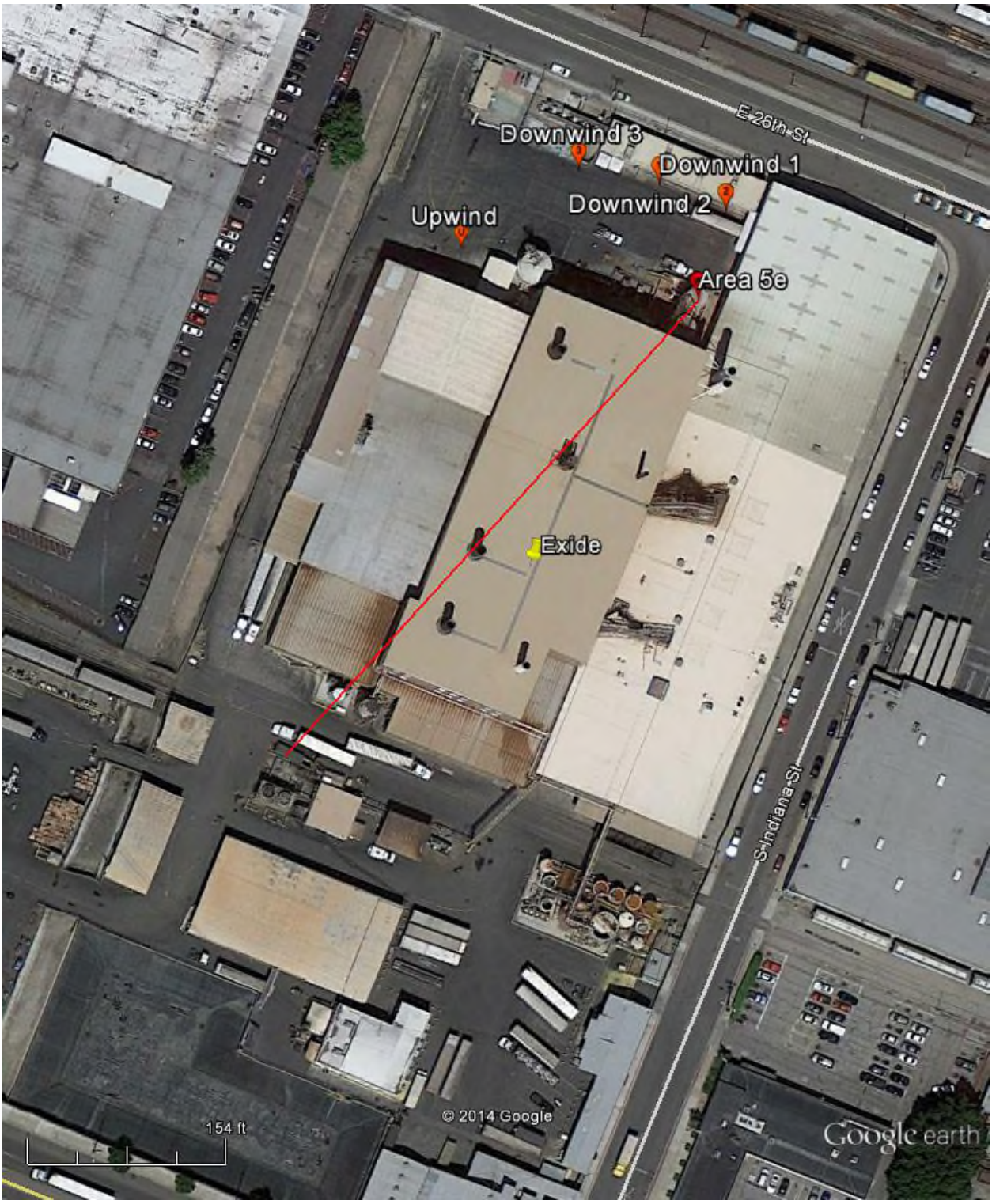
Data Point	Date	Time	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3
1	10/02/2014	06:16:47	0.044	0.047	0.049	0.054	0.055
2	10/02/2014	06:31:47	0.042	0.045	0.047	0.054	0.054
3	10/02/2014	06:46:47	0.038	0.040	0.041	0.044	0.044
4	10/02/2014	07:01:47	0.035	0.038	0.038	0.040	0.041
5	10/02/2014	07:16:47	0.040	0.043	0.043	0.046	0.046
6	10/02/2014	07:31:47	0.045	0.047	0.048	0.050	0.050
7	10/02/2014	07:46:47	0.046	0.048	0.049	0.053	0.053
8	10/02/2014	08:01:47	0.044	0.046	0.047	0.049	0.050
9	10/02/2014	08:16:47	0.031	0.032	0.033	0.036	0.036
10	10/02/2014	08:31:47	0.024	0.025	0.026	0.028	0.028
11	10/02/2014	08:46:47	0.027	0.029	0.029	0.032	0.032
12	10/02/2014	09:01:47	0.024	0.025	0.026	0.029	0.029
13	10/02/2014	09:16:47	0.021	0.022	0.023	0.026	0.026
14	10/02/2014	09:31:47	0.023	0.024	0.025	0.028	0.028
15	10/02/2014	09:46:47	0.021	0.023	0.023	0.025	0.025
16	10/02/2014	10:01:47	0.022	0.023	0.024	0.026	0.026
17	10/02/2014	10:16:47	0.022	0.023	0.024	0.026	0.026
18	10/02/2014	10:31:47	0.020	0.020	0.021	0.023	0.023
19	10/02/2014	10:46:47	0.019	0.020	0.021	0.023	0.023
20	10/02/2014	11:01:47	0.018	0.018	0.019	0.022	0.022
21	10/02/2014	11:16:47	0.018	0.019	0.020	0.022	0.022
22	10/02/2014	11:31:47	0.019	0.019	0.020	0.023	0.023
23	10/02/2014	11:46:47	0.019	0.020	0.021	0.023	0.023
24	10/02/2014	12:01:47	0.020	0.021	0.021	0.024	0.024
25	10/02/2014	12:16:47	0.021	0.022	0.023	0.026	0.026
26	10/02/2014	12:31:47	0.022	0.023	0.023	0.026	0.026
27	10/02/2014	12:46:47	0.020	0.020	0.021	0.023	0.023
28	10/02/2014	13:01:47	0.021	0.022	0.022	0.025	0.025
29	10/02/2014	13:16:47	0.023	0.024	0.024	0.027	0.027
30	10/02/2014	13:31:47	0.021	0.022	0.023	0.025	0.025
31	10/02/2014	13:46:47	0.023	0.024	0.024	0.026	0.026
32	10/02/2014	14:01:47	0.022	0.022	0.023	0.025	0.025
33	10/02/2014	14:16:47	0.021	0.022	0.022	0.024	0.024
34	10/02/2014	14:31:47	0.022	0.023	0.024	0.027	0.027

Test 016

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/02/2014
Instrument S/N	8530100906	Start Time	06:04:19
		Stop Date	10/02/2014
		Stop Time	14:34:19
		Total Time	0:08:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/02/2014	06:19:19	0.095
2	10/02/2014	06:34:19	0.033
3	10/02/2014	06:49:19	0.034
4	10/02/2014	07:04:19	0.033
5	10/02/2014	07:19:19	0.039
6	10/02/2014	07:34:19	0.039
7	10/02/2014	07:49:19	0.042
8	10/02/2014	08:04:19	0.036
9	10/02/2014	08:19:19	0.029
10	10/02/2014	08:34:19	0.024
11	10/02/2014	08:49:19	0.028
12	10/02/2014	09:04:19	0.025
13	10/02/2014	09:19:19	0.025
14	10/02/2014	09:34:19	0.028
15	10/02/2014	09:49:19	0.028
16	10/02/2014	10:04:19	0.029
17	10/02/2014	10:19:19	0.031
18	10/02/2014	10:34:19	0.029
19	10/02/2014	10:49:19	0.028
20	10/02/2014	11:04:19	0.028
21	10/02/2014	11:19:19	0.029
22	10/02/2014	11:34:19	0.029
23	10/02/2014	11:49:19	0.030
24	10/02/2014	12:04:19	0.031
25	10/02/2014	12:19:19	0.033
26	10/02/2014	12:34:19	0.033
27	10/02/2014	12:49:19	0.032
28	10/02/2014	13:04:19	0.034
29	10/02/2014	13:19:19	0.035
30	10/02/2014	13:34:19	0.035
31	10/02/2014	13:49:19	0.036
32	10/02/2014	14:04:19	0.035
33	10/02/2014	14:19:19	0.035
34	10/02/2014	14:34:19	0.036

Monitoring Results / Reports
(October 3, 2014)



EX 5e REPAIR AREA
DUST TRAK MONITORING LOCATIONS

TETRA TECH BAS

EXIDE TECHNOLOGIES FACILITY ID NO. 124838
ORDER FOR ABATEMENT CASE NO. 3151-32
INSTANTANEOUS DUSTTRAK AIR MONITORING FORM

Date: 10/3/2014 Work Activity / Location: 5e - North Oxidation Tank 24

Cycle Reading No.	Upwind 1		Downwind 1		Downwind 2		Downwind 3	
	Location:	U-1	Location:	D-1	Location:	D-2	Location:	D-3
	Serial No.:	8530110315	Serial No.:	8530113811	Serial No.:	8530132205	Serial No.:	8533133501
	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)
1	6:55	0.021	6:53	0.023	6:51	0.021	6:54	0.025
2	7:47	0.065	7:48	0.042	7:46	0.049	7:45	0.088
3	8:06	0.031	8:07	0.033	8:08	0.031	8:05	0.043
4	8:20	0.025	8:22	0.037	8:24	0.033	8:21	0.033
5	8:35	0.029	8:37	0.031	8:38	0.036	8:36	0.041
6	8:50	0.031	8:52	0.036	8:53	0.028	8:51	0.051
7	9:05	0.016	9:07	0.021	9:08	0.018	9:06	0.028
8	9:20	0.020	9:24	0.020	9:23	0.019	9:22	0.024
9	9:36	0.015	9:38	0.020	9:39	0.019	9:38	0.017
10	9:56	0.014	9:58	0.019	9:59	0.018	9:57	0.018
11	10:10	0.014	10:12	0.023	10:13	0.016	10:11	0.020
12	10:25	0.017	10:27	0.020	10:28	0.018	10:26	0.019
13	10:40	0.016	10:42	0.020	10:43	0.017	10:41	0.019
14	10:55	0.015	10:57	0.022	10:57	0.016	10:56	0.017
15	12:00	0.019	12:02	0.018	12:03	0.016	12:01	0.015
16	12:15	0.020	12:17	0.022	12:18	0.018	12:16	0.016
17	12:30	0.022	12:32	0.029	12:33	0.023	12:31	0.017
18	12:45	0.021	12:47	0.021	12:48	0.019	12:46	0.014
19	13:00	0.019	13:02	0.022	13:03	0.020	13:01	0.016
20	13:15	0.022	13:17	0.020	13:18	0.018	13:16	0.022
21	13:30	0.015	13:31	0.019	13:32	0.016	13:31	0.011
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Time	6:55	12:14						
Wind Direction	0	WNW						
Avg. Wind Speed	0	3						[mph]
Temperature	70.4	95.3						[°F]

Comments:

Tent enclosure pressure = -0.095" w.c at 6:58/ small tank -0.017" w.c.

Site Map attached showing location of Dustrak Monitors, and location of construction activities.

Recorded By: Marcus Enriquez Date: 10/3/2014

Reviewed By: Nick Somogyi Date: 10/3/2014

Test 009

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/03/2014
Instrument S/N	8530110315	Start Time	06:15:14
		Stop Date	10/03/2014
		Stop Time	16:19:14
		Total Time	0:10:04:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/03/2014	06:30:14	0.017
2	10/03/2014	06:45:14	0.019
3	10/03/2014	07:00:14	0.023
4	10/03/2014	07:15:14	0.034
5	10/03/2014	07:30:14	0.033
6	10/03/2014	07:45:14	0.038
7	10/03/2014	08:00:14	0.038
8	10/03/2014	08:15:14	0.031
9	10/03/2014	08:30:14	0.028
10	10/03/2014	08:45:14	0.027
11	10/03/2014	09:00:14	0.026
12	10/03/2014	09:15:14	0.017
13	10/03/2014	09:30:14	0.017
14	10/03/2014	09:45:14	0.016
15	10/03/2014	10:00:14	0.016
16	10/03/2014	10:15:14	0.015
17	10/03/2014	10:30:14	0.015
18	10/03/2014	10:45:14	0.015
19	10/03/2014	11:00:14	0.015
20	10/03/2014	11:15:14	0.015
21	10/03/2014	11:30:14	0.014
22	10/03/2014	11:45:14	0.015
23	10/03/2014	12:00:14	0.017
24	10/03/2014	12:15:14	0.017
25	10/03/2014	12:30:14	0.024
26	10/03/2014	12:45:14	0.023
27	10/03/2014	13:00:14	0.018
28	10/03/2014	13:15:14	0.022
29	10/03/2014	13:30:14	0.018
30	10/03/2014	13:45:14	0.033
31	10/03/2014	16:20:00	0.000

Test 012

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/03/2014
Instrument S/N	8530113811	Start Time	06:20:44
		Stop Date	10/03/2014
		Stop Time	16:07:44
		Total Time	0:09:47:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/03/2014	06:35:44	0.034
2	10/03/2014	06:50:44	0.025
3	10/03/2014	07:05:44	0.029
4	10/03/2014	07:20:44	0.037
5	10/03/2014	07:35:44	0.037
6	10/03/2014	07:50:44	0.042
7	10/03/2014	08:05:44	0.037
8	10/03/2014	08:20:44	0.038
9	10/03/2014	08:35:44	0.028
10	10/03/2014	08:50:44	0.050
11	10/03/2014	09:05:44	0.023
12	10/03/2014	09:20:44	0.020
13	10/03/2014	09:35:44	0.021
14	10/03/2014	09:50:44	0.021
15	10/03/2014	10:05:44	0.021
16	10/03/2014	10:20:44	0.020
17	10/03/2014	10:35:44	0.020
18	10/03/2014	10:50:44	0.020
19	10/03/2014	11:05:44	0.019
20	10/03/2014	11:20:44	0.021
21	10/03/2014	11:35:44	0.018
22	10/03/2014	11:50:44	0.019
23	10/03/2014	12:05:44	0.019
24	10/03/2014	12:20:44	0.022
25	10/03/2014	12:35:44	0.024
26	10/03/2014	12:50:44	0.023
27	10/03/2014	13:05:44	0.021
28	10/03/2014	13:20:44	0.022
29	10/03/2014	13:35:44	0.020
30	10/03/2014	16:08:35	0.000

Test 011

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/03/2014
Instrument S/N	8530132205	Start Time	06:23:37
		Stop Date	10/03/2014
		Stop Time	16:01:37
		Total Time	0:09:38:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/03/2014	06:38:37	0.027
2	10/03/2014	06:53:37	0.024
3	10/03/2014	07:08:37	0.056
4	10/03/2014	07:23:37	0.040
5	10/03/2014	07:38:37	0.037
6	10/03/2014	07:53:37	0.045
7	10/03/2014	08:08:37	0.034
8	10/03/2014	08:23:37	0.037
9	10/03/2014	08:38:37	0.028
10	10/03/2014	08:53:37	0.035
11	10/03/2014	09:08:37	0.021
12	10/03/2014	09:23:37	0.020
13	10/03/2014	09:38:37	0.020
14	10/03/2014	09:53:37	0.019
15	10/03/2014	10:08:37	0.018
16	10/03/2014	10:23:37	0.016
17	10/03/2014	10:38:37	0.017
18	10/03/2014	10:53:37	0.017
19	10/03/2014	11:08:37	0.015
20	10/03/2014	11:23:37	0.017
21	10/03/2014	11:38:37	0.014
22	10/03/2014	11:53:37	0.015
23	10/03/2014	12:08:37	0.016
24	10/03/2014	12:23:37	0.019
25	10/03/2014	12:38:37	0.021
26	10/03/2014	12:53:37	0.018
27	10/03/2014	13:08:37	0.018
28	10/03/2014	13:23:37	0.018
29	10/03/2014	13:38:37	0.017
30	10/03/2014	16:02:22	0.000

Test 011

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	10/03/2014
Instrument S/N	8533133501	Start Time	06:16:30
		Stop Date	10/03/2014
		Stop Time	15:56:30
		Total Time	0:09:40:00
		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	10/03/2014	06:31:30	0.027	0.027	0.029	0.039	0.068
2	10/03/2014	06:46:30	0.017	0.018	0.019	0.023	0.025
3	10/03/2014	07:01:30	0.020	0.021	0.022	0.028	0.030
4	10/03/2014	07:16:30	0.025	0.026	0.029	0.036	0.038
5	10/03/2014	07:31:30	0.025	0.027	0.029	0.040	0.044
6	10/03/2014	07:46:30	0.028	0.029	0.032	0.041	0.044
7	10/03/2014	08:01:30	0.031	0.032	0.036	0.052	0.058
8	10/03/2014	08:16:30	0.025	0.026	0.029	0.037	0.039
9	10/03/2014	08:31:30	0.021	0.022	0.024	0.030	0.032
10	10/03/2014	08:46:30	0.022	0.023	0.025	0.033	0.035
11	10/03/2014	09:01:30	0.019	0.020	0.023	0.032	0.035
12	10/03/2014	09:16:30	0.013	0.014	0.015	0.020	0.022
13	10/03/2014	09:31:30	0.013	0.014	0.015	0.020	0.021
14	10/03/2014	09:46:30	0.012	0.013	0.014	0.019	0.020
15	10/03/2014	10:01:30	0.012	0.013	0.014	0.018	0.020
16	10/03/2014	10:16:30	0.012	0.012	0.014	0.017	0.018
17	10/03/2014	10:31:30	0.011	0.012	0.013	0.016	0.017
18	10/03/2014	10:46:30	0.011	0.012	0.013	0.016	0.018
19	10/03/2014	11:01:30	0.011	0.011	0.012	0.016	0.017
20	10/03/2014	11:16:30	0.011	0.011	0.012	0.015	0.015
21	10/03/2014	11:31:30	0.012	0.012	0.013	0.015	0.016
22	10/03/2014	11:46:30	0.010	0.011	0.012	0.014	0.016
23	10/03/2014	12:01:30	0.012	0.012	0.013	0.015	0.016
24	10/03/2014	12:16:30	0.011	0.012	0.013	0.016	0.016
25	10/03/2014	12:31:30	0.015	0.015	0.016	0.020	0.021
26	10/03/2014	12:46:30	0.015	0.015	0.016	0.018	0.019
27	10/03/2014	13:01:30	0.011	0.012	0.012	0.014	0.014
28	10/03/2014	13:16:30	0.013	0.014	0.014	0.015	0.015
29	10/03/2014	13:31:30	0.011	0.011	0.011	0.012	0.013
30	10/03/2014	15:57:24	0.000	0.000	0.000	0.000	0.000

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

10/03/2014 Work Area 5f - MH-F

TETRA TECH BAS

EXIDE TECHNOLOGIES FACILITY ID NO. 124838
ORDER FOR ABATEMENT CASE NO. 3151-32
INSTANTANEOUS DUSTTRAK AIR MONITORING FORM

Date: 10/3/2014 Work Activity / Location: 5f - Manhole F

Cycle Reading No.	Upwind 1 Location: UF-1 Serial No.: 8533132902		Downwind 1 Location: DF-1 Serial No.: 8530113011		Downwind 2 Location: Serial No.:		Downwind 3 Location: Serial No.:	
	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)
1	7:01	0.033	7:02	0.029				
2	7:16	0.035	7:17	0.027				
3	7:31	0.036	7:32	0.032				
4	7:48	0.033	7:49	0.035				
5	9:01	0.032	9:00	0.031				
6	9:22	0.022	9:24	0.026				
7	9:39	0.023	9:41	0.022				
8	9:54	0.023	9:56	0.021				
9	10:06	0.021	10:08	0.023				
10	11:27	0.022	11:29	0.025				
11	11:44	0.023	11:46	0.028				
12	11:57	0.024	11:58	0.029				
13	12:13	0.026	12:15	0.034				
14	12:31	0.026	12:32	0.033				
15	12:47	0.023	12:49	0.031				
16	13:04	0.023	13:05	0.033				
17	13:18	0.024	13:20	0.034				
18	13:32	0.024	13:34	0.031				
19	13:46	0.023	13:50	0.034				
20	14:03	0.024	14:05	0.036				
21	14:18	0.024	14:20	0.031				
22	14:33	0.024	14:34	0.033				
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Time	7:00	11:31	14:12				
Wind Direction	NNE	0	0				
Avg. Wind Speed	0.1	0	0				[mph]
Temperature	70	97.5	99.1				[°F]

Comments:

Tent enclosure pressure = -0.063" w.c at 7:16, = -0.027" w.c. at 9:22, = -0.031" w.c. at 11:27, = -0.024" w.c. at 13:32.

Site Map attached showing location of Dustrak Monitors, and location of construction activities.

Recorded By: Ralph De La Parra / Tony Hernandez Date: 10/3/2014

Reviewed By: Nick Somogyi Date: 10/3/2014

Test 012

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	10/03/2014
Instrument S/N	8533132902	Start Time	05:57:14
		Stop Date	10/03/2014
		Stop Time	14:27:14
		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	10/03/2014	06:12:14	0.040	0.041	0.043	0.049	0.049
2	10/03/2014	06:27:14	0.036	0.037	0.039	0.044	0.044
3	10/03/2014	06:42:14	0.037	0.039	0.040	0.045	0.045
4	10/03/2014	06:57:14	0.031	0.033	0.034	0.040	0.040
5	10/03/2014	07:12:14	0.032	0.034	0.035	0.040	0.040
6	10/03/2014	07:27:14	0.032	0.034	0.035	0.040	0.041
7	10/03/2014	07:42:14	0.031	0.033	0.035	0.040	0.040
8	10/03/2014	07:57:14	0.032	0.034	0.036	0.042	0.043
9	10/03/2014	08:12:14	0.044	0.046	0.048	0.057	0.057
10	10/03/2014	08:27:14	0.040	0.042	0.044	0.050	0.050
11	10/03/2014	08:42:14	0.037	0.039	0.041	0.045	0.046
12	10/03/2014	08:57:14	0.035	0.037	0.039	0.046	0.046
13	10/03/2014	09:12:14	0.029	0.030	0.031	0.034	0.035
14	10/03/2014	09:27:14	0.022	0.023	0.024	0.027	0.027
15	10/03/2014	09:42:14	0.021	0.022	0.023	0.028	0.028
16	10/03/2014	09:57:14	0.021	0.022	0.023	0.027	0.027
17	10/03/2014	10:12:14	0.020	0.021	0.022	0.025	0.025
18	10/03/2014	10:27:14	0.020	0.021	0.022	0.024	0.024
19	10/03/2014	10:42:14	0.020	0.021	0.022	0.025	0.025
20	10/03/2014	10:57:14	0.021	0.022	0.022	0.025	0.025
21	10/03/2014	11:12:14	0.021	0.021	0.022	0.025	0.025
22	10/03/2014	11:27:14	0.021	0.022	0.022	0.025	0.025
23	10/03/2014	11:42:14	0.021	0.021	0.022	0.024	0.024
24	10/03/2014	11:57:14	0.021	0.022	0.023	0.025	0.025
25	10/03/2014	12:12:14	0.021	0.022	0.023	0.025	0.025
26	10/03/2014	12:27:14	0.024	0.024	0.025	0.028	0.028
27	10/03/2014	12:42:14	0.023	0.024	0.025	0.027	0.027
28	10/03/2014	12:57:14	0.022	0.023	0.023	0.025	0.025
29	10/03/2014	13:12:14	0.022	0.023	0.023	0.025	0.025
30	10/03/2014	13:27:14	0.022	0.023	0.023	0.025	0.025
31	10/03/2014	13:42:14	0.023	0.023	0.024	0.026	0.026
32	10/03/2014	13:57:14	0.023	0.024	0.025	0.027	0.027
33	10/03/2014	14:12:14	0.024	0.024	0.025	0.027	0.027
34	10/03/2014	14:27:14	0.023	0.024	0.024	0.026	0.026

Test 015

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/03/2014
Instrument S/N	8530113011	Start Time	06:02:48
		Stop Date	10/03/2014
		Stop Time	14:32:48
		Total Time	0:08:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/03/2014	06:17:48	0.036
2	10/03/2014	06:32:48	0.038
3	10/03/2014	06:47:48	0.032
4	10/03/2014	07:02:48	0.030
5	10/03/2014	07:17:48	0.030
6	10/03/2014	07:32:48	0.029
7	10/03/2014	07:47:48	0.031
8	10/03/2014	08:02:48	0.034
9	10/03/2014	08:17:48	0.049
10	10/03/2014	08:32:48	0.046
11	10/03/2014	08:47:48	0.043
12	10/03/2014	09:02:48	0.032
13	10/03/2014	09:17:48	0.029
14	10/03/2014	09:32:48	0.024
15	10/03/2014	09:47:48	0.022
16	10/03/2014	10:02:48	0.023
17	10/03/2014	10:17:48	0.022
18	10/03/2014	10:32:48	0.023
19	10/03/2014	10:47:48	0.024
20	10/03/2014	11:02:48	0.025
21	10/03/2014	11:17:48	0.026
22	10/03/2014	11:32:48	0.026
23	10/03/2014	11:47:48	0.028
24	10/03/2014	12:02:48	0.030
25	10/03/2014	12:17:48	0.031
26	10/03/2014	12:32:48	0.034
27	10/03/2014	12:47:48	0.033
28	10/03/2014	13:02:48	0.032
29	10/03/2014	13:17:48	0.031
30	10/03/2014	13:32:48	0.032
31	10/03/2014	13:47:48	0.034
32	10/03/2014	14:02:48	0.035
33	10/03/2014	14:17:48	0.035
34	10/03/2014	14:32:48	0.033

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

10/03/2014 Work Area 5f - MH-G

TETRA TECH BAS

EXIDE TECHNOLOGIES FACILITY ID NO. 124838
ORDER FOR ABATEMENT CASE NO. 3151-32
INSTANTANEOUS DUSTTRAK AIR MONITORING FORM

Date: 10/3/2014 Work Activity / Location: 5f - Manhole G

Cycle Reading No.	Upwind 1 Location: UG-1 Serial No.: 8530100906		Downwind 1 Location: DG-1 Serial No.: 8530142303		Downwind 2 Location: Serial No.:		Downwind 3 Location: Serial No.:	
	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)
1	6:58	0.031	6:59	0.039				
2	7:14	0.035	7:15	0.042				
3	7:28	0.030	7:29	0.039				
4	7:46	0.040	7:47	0.042				
5	9:04	0.027	9:02	0.026				
6	9:20	0.025	9:20	0.026				
7	9:36	0.025	9:37	0.020				
8	9:51	0.026	9:52	0.020				
9	10:05	0.026	10:05	0.017				
10	11:24	0.030	11:25	0.014				
11	11:40	0.032	11:41	0.015				
12	11:55	0.032	11:55	0.016				
13	12:10	0.033	12:11	0.018				
14	12:27	0.033	12:28	0.018				
15	12:44	0.033	12:45	0.014				
16	13:01	0.032	13:02	0.013				
17	13:15	0.033	13:16	0.014				
18	13:30	0.032	13:30	0.012				
19	13:45	0.034	13:46	0.015				
20	14:00	0.034	14:01	0.015				
21	14:15	0.033	14:16	0.015				
22	14:30	0.032	14:31	0.014				
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Time	7:00	11:30	14:10				
Wind Direction	NNE	0	0				
Avg. Wind Speed	0.1	0.0	0				[mph]
Temperature	70	78.7	98.8				[°F]

Comments:

Tent enclosure pressure = -0.025" w.c at 7:14, = -0.040" w.c. at 9:20, = -0.036" w.c. at 11:24, = -0.061" w.c. at 13:30.

Site Map attached showing location of Dustrak Monitors, and location of construction activities.

Recorded By: Ralph De La Parra / Tony Hernandez Date: 10/3/2014

Reviewed By: Nick Somogyi Date: 10/3/2014

Test 017

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/03/2014
Instrument S/N	8530100906	Start Time	06:07:27
		Stop Date	10/03/2014
		Stop Time	14:22:27
		Total Time	0:08:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/03/2014	06:22:27	0.035
2	10/03/2014	06:37:27	0.039
3	10/03/2014	06:52:27	0.039
4	10/03/2014	07:07:27	0.032
5	10/03/2014	07:22:27	0.032
6	10/03/2014	07:37:27	0.031
7	10/03/2014	07:52:27	0.037
8	10/03/2014	08:07:27	0.040
9	10/03/2014	08:22:27	0.037
10	10/03/2014	08:37:27	0.031
11	10/03/2014	08:52:27	0.034
12	10/03/2014	09:07:27	0.026
13	10/03/2014	09:22:27	0.024
14	10/03/2014	09:37:27	0.026
15	10/03/2014	09:52:27	0.026
16	10/03/2014	10:07:27	0.026
17	10/03/2014	10:22:27	0.027
18	10/03/2014	10:37:27	0.028
19	10/03/2014	10:52:27	0.029
20	10/03/2014	11:07:27	0.030
21	10/03/2014	11:22:27	0.030
22	10/03/2014	11:37:27	0.031
23	10/03/2014	11:52:27	0.032
24	10/03/2014	12:07:27	0.032
25	10/03/2014	12:22:27	0.033
26	10/03/2014	12:37:27	0.033
27	10/03/2014	12:52:27	0.032
28	10/03/2014	13:07:27	0.032
29	10/03/2014	13:22:27	0.032
30	10/03/2014	13:37:27	0.033
31	10/03/2014	13:52:27	0.034
32	10/03/2014	14:07:27	0.034
33	10/03/2014	14:22:27	0.034

Test 004

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/03/2014
Instrument S/N	8530142303	Start Time	06:11:01
		Stop Date	10/03/2014
		Stop Time	14:26:01
		Total Time	0:08:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/03/2014	06:26:01	0.085
2	10/03/2014	06:41:01	0.045
3	10/03/2014	06:56:01	0.072
4	10/03/2014	07:11:01	0.041
5	10/03/2014	07:26:01	0.039
6	10/03/2014	07:41:01	0.041
7	10/03/2014	07:56:01	0.041
8	10/03/2014	08:11:01	0.062
9	10/03/2014	08:26:01	0.052
10	10/03/2014	08:41:01	0.046
11	10/03/2014	08:56:01	0.046
12	10/03/2014	09:11:01	0.027
13	10/03/2014	09:26:01	0.022
14	10/03/2014	09:41:01	0.022
15	10/03/2014	09:56:01	0.021
16	10/03/2014	10:11:01	0.019
17	10/03/2014	10:26:01	0.018
18	10/03/2014	10:41:01	0.018
19	10/03/2014	10:56:01	0.018
20	10/03/2014	11:11:01	0.016
21	10/03/2014	11:26:01	0.016
22	10/03/2014	11:41:01	0.015
23	10/03/2014	11:56:01	0.015
24	10/03/2014	12:11:01	0.014
25	10/03/2014	12:26:01	0.017
26	10/03/2014	12:41:01	0.017
27	10/03/2014	12:56:01	0.014
28	10/03/2014	13:11:01	0.014
29	10/03/2014	13:26:01	0.014
30	10/03/2014	13:41:01	0.013
31	10/03/2014	13:56:01	0.015
32	10/03/2014	14:11:01	0.016
33	10/03/2014	14:26:01	0.014

Monitoring Results / Reports
(October 6, 2014)

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

10/06/2014 Work Area 5f - MH-F

TETRA TECH BAS

EXIDE TECHNOLOGIES FACILITY ID NO. 124838
ORDER FOR ABATEMENT CASE NO. 3151-32
INSTANTANEOUS DUSTTRAK AIR MONITORING FORM

Date: 10/6/2014 Work Activity / Location: 5f - Manhole F

Cycle Reading No.	Upwind 1		Downwind 1		Downwind 2		Downwind 3	
	Location: UF-1		Location: DF-1		Location:		Location:	
	Serial No.: 8533133501		Serial No.: 8530113811		Serial No.:		Serial No.:	
	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)
1	6:39	0.066	6:39	0.057				
2	6:41	0.057	6:41	0.058				
3	7:10	0.054	7:10	0.053				
4	7:23	0.068	7:27	0.083				
5	7:32	0.092	7:33	0.114				
6	7:39	0.091	7:41	0.157				
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Time								
Wind Direction								
Avg. Wind Speed								[mph]
Temperature								[°F]

Comments:

7:00 - Tent F started to come down.

7:40 - Upwind Dusttrak moved to different locarion.

Site Map attached showing location of Dustrak Monitors, and location of construction activities.

Recorded By: Jose R. Santoyo Date: 10/6/2014

Reviewed By: Nick Somogyi Date: 10/6/2014

Test 012

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	10/06/2014
Instrument S/N	8533133501	Start Time	06:10:30
		Stop Date	10/06/2014
		Stop Time	07:55:30
		Total Time	0:01:45:00
		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	10/06/2014	06:25:30	0.044	0.045	0.047	0.055	0.060
2	10/06/2014	06:40:30	0.044	0.046	0.049	0.063	0.070
3	10/06/2014	06:55:30	0.037	0.038	0.040	0.048	0.051
4	10/06/2014	07:10:30	0.035	0.036	0.037	0.042	0.045
5	10/06/2014	07:25:30	0.039	0.040	0.042	0.048	0.051
6	10/06/2014	07:40:30	0.056	0.058	0.065	0.103	0.124
7	10/06/2014	07:55:30	0.045	0.047	0.052	0.077	0.091

Test 013

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/06/2014
Instrument S/N	8530113811	Start Time	06:13:16
		Stop Date	10/06/2014
		Stop Time	07:28:16
		Total Time	0:01:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/06/2014	06:28:16	0.055
2	10/06/2014	06:43:16	0.061
3	10/06/2014	06:58:16	0.048
4	10/06/2014	07:13:16	0.052
5	10/06/2014	07:28:16	0.068

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

10/06/2014 Work Area 5f - MH-G

TETRA TECH BAS

EXIDE TECHNOLOGIES FACILITY ID NO. 124838
ORDER FOR ABATEMENT CASE NO. 3151-32
INSTANTANEOUS DUSTTRAK AIR MONITORING FORM

Date: 10/6/2014 Work Activity / Location: 5f - Manhole G

Cycle Reading No.	Upwind 1		Downwind 1		Downwind 2		Downwind 3	
	Location: UG-1		Location: DG-1		Location:		Location:	
	Serial No.: 8530132205		Serial No.: 8530100906		Serial No.:		Serial No.:	
	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)
1	6:36	0.072	6:34	0.046				
2	7:22	0.041	7:20	0.045				
3	7:30	0.053	7:29	0.081				
4	7:36	0.083	7:37	0.048				
5	7:44	0.078	7:46	0.050				
6	7:52	0.054	7:53	0.051				
7	7:54	0.052	7:56	0.047				
8	7:58	0.052	8:00	0.042				
9	8:01	0.052	8:03	0.049				
10	8:05	0.046	8:07	0.045				
11	8:10	0.049	8:11	0.043				
12	8:14	0.053	8:16	0.041				
13	8:18	0.053	8:19	0.050				
14	8:22	0.051	8:24	0.045				
15	8:26	0.066	8:28	0.042				
16	8:31	0.048	8:33	0.040				
17	8:36	0.042	8:38	0.038				
18	8:40	0.041	8:42	0.038				
19	9:06	0.047	9:14	0.042				
20	9:21	0.047	9:23	0.041				
21	9:37	0.038	9:37	0.038				
22	9:53	0.039	9:54	0.036				
23	10:07	0.028	10:07	0.036				
24	10:23	0.027	10:24	0.035				
25	10:40	0.026	10:40	0.033				
26	10:55	0.023	10:55	0.036				
27	12:13	0.025	12:14	0.037				
28	12:30	0.026	12:30	0.037				
29	12:45	0.020	12:45	0.035				
30	13:00	0.021	13:00	0.036				
31	13:15	0.023	13:17	0.037				
32	13:30	0.025	13:36	0.038				

Time	9:17	12:33						
Wind Direction	0	NE						
Avg. Wind Speed	0	2.7						[mph]
Temperature	85.4	93						[°F]

Comments: Tent enclosure pressure = -0.021" w.c. at 7:43am, = -0.050" w.c. at 9:39 am, = -0.027" w.c. at 10:55am, = -0.025" w.c. at 12:45 pm, = -0.015" w.c. at 13:16

Site Map attached showing location of Dustrak Monitors, and location of construction activities.

Recorded By: Jose R. Santoyo Date: 10/6/2014

Reviewed By: Nick Somogyi Date: 10/6/2014

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

10/06/2014 Work Area 5f - MH-H

TETRA TECH BAS

EXIDE TECHNOLOGIES FACILITY ID NO. 124838
ORDER FOR ABATEMENT CASE NO. 3151-32
INSTANTANEOUS DUSTTRAK AIR MONITORING FORM

Date: 10/6/2014 Work Activity / Location: 5f - Manhole H

Cycle Reading No.	Upwind 1		Downwind 1		Downwind 2		Downwind 3	
	Location: UH-1		Location: DH-1		Location:		Location:	
	Serial No.: 8530132205		Serial No.: 8530100906		Serial No.:		Serial No.:	
	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)
1	13:50	0.025	13:50	0.037				
2	14:08	0.040	14:09	0.045				
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Time	14:08							
Wind Direction	W							
Avg. Wind Speed	5.6							[mph]
Temperature	93.5							[°F]

Comments:

Site Map attached showing location of Dustrak Monitors, and location of construction activities.

Recorded By: Jose R. Santoyo Date: 10/6/2014

Reviewed By: Nick Somogyi Date: 10/6/2014

Test 012

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/06/2014
Instrument S/N	8530132205	Start Time	06:12:56
		Stop Date	10/06/2014
		Stop Time	14:12:56
		Total Time	0:08:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/06/2014	06:27:56	0.065
2	10/06/2014	06:42:56	0.069
3	10/06/2014	06:57:56	0.058
4	10/06/2014	07:12:56	0.049
5	10/06/2014	07:27:56	0.049
6	10/06/2014	07:42:56	0.077
7	10/06/2014	07:57:56	0.063
8	10/06/2014	08:12:56	0.049
9	10/06/2014	08:27:56	0.055
10	10/06/2014	08:42:56	0.046
11	10/06/2014	08:57:56	0.042
12	10/06/2014	09:12:56	0.047
13	10/06/2014	09:27:56	0.049
14	10/06/2014	09:42:56	0.041
15	10/06/2014	09:57:56	0.037
16	10/06/2014	10:12:56	0.029
17	10/06/2014	10:27:56	0.027
18	10/06/2014	10:42:56	0.028
19	10/06/2014	10:57:56	0.025
20	10/06/2014	11:12:56	0.025
21	10/06/2014	11:27:56	0.026
22	10/06/2014	11:42:56	0.023
23	10/06/2014	11:57:56	0.021
24	10/06/2014	12:12:56	0.023
25	10/06/2014	12:27:56	0.027
26	10/06/2014	12:42:56	0.026
27	10/06/2014	12:57:56	0.022
28	10/06/2014	13:12:56	0.021
29	10/06/2014	13:27:56	0.023
30	10/06/2014	13:42:56	0.029
31	10/06/2014	13:57:56	0.028
32	10/06/2014	14:12:56	0.040

Test 018

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/06/2014
Instrument S/N	8530100906	Start Time	06:07:56
		Stop Date	10/06/2014
		Stop Time	14:07:56
		Total Time	0:08:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/06/2014	06:22:56	0.058
2	10/06/2014	06:37:56	0.049
3	10/06/2014	06:52:56	0.051
4	10/06/2014	07:07:56	0.045
5	10/06/2014	07:22:56	0.042
6	10/06/2014	07:37:56	0.051
7	10/06/2014	07:52:56	0.050
8	10/06/2014	08:07:56	0.046
9	10/06/2014	08:22:56	0.045
10	10/06/2014	08:37:56	0.041
11	10/06/2014	08:52:56	0.038
12	10/06/2014	09:07:56	0.041
13	10/06/2014	09:22:56	0.043
14	10/06/2014	09:37:56	0.039
15	10/06/2014	09:52:56	0.038
16	10/06/2014	10:07:56	0.035
17	10/06/2014	10:22:56	0.033
18	10/06/2014	10:37:56	0.034
19	10/06/2014	10:52:56	0.034
20	10/06/2014	11:07:56	0.034
21	10/06/2014	11:22:56	0.036
22	10/06/2014	11:37:56	0.036
23	10/06/2014	11:52:56	0.035
24	10/06/2014	12:07:56	0.035
25	10/06/2014	12:22:56	0.038
26	10/06/2014	12:37:56	0.037
27	10/06/2014	12:52:56	0.035
28	10/06/2014	13:07:56	0.035
29	10/06/2014	13:22:56	0.035
30	10/06/2014	13:37:56	0.051
31	10/06/2014	13:52:56	0.037
32	10/06/2014	14:07:56	0.044

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

10/06/2014 Work Area 5f - MH-J

TETRA TECH BAS

EXIDE TECHNOLOGIES FACILITY ID NO. 124838
ORDER FOR ABATEMENT CASE NO. 3151-32
INSTANTANEOUS DUSTTRAK AIR MONITORING FORM

Date: 10/6/2014 Work Activity / Location: 5f - Manhole J

Cycle Reading No.	Upwind 1		Downwind 1		Downwind 2		Downwind 3	
	Location: UJ-1		Location: DJ-1		Location:		Location:	
	Serial No.: 8530113811		Serial No.: 8533133501		Serial No.:		Serial No.:	
	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)
1	8:04	0.061	8:17	0.067				
2	8:25	0.064	8:25	0.069				
3	9:31	0.040	9:31	0.026				
4	9:44	0.037	9:43	0.029				
5	10:00	0.033	10:00	0.024				
6	10:16	0.030	10:16	0.023				
7	10:34	0.029	10:34	0.024				
8	10:45	0.027	10:45	0.022				
9	11:00	0.019	11:00	0.026				
10	12:14	0.031	12:14	0.019				
11	12:41	0.027	12:42	0.018				
12	12:55	0.026	12:55	0.017				
13	13:11	0.024	13:13	0.013				
14	13:35	0.033	13:36	0.020				
15	13:50	0.028	13:50	0.017				
16	14:14	0.041	14:12	0.027				
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Time	9:30	11:00	14:00				
Wind Direction	0	0	W				
Avg. Wind Speed	0	0	5				[mph]
Temperature	85.4	87.3	93.2				[°F]

Comments:
Tent enclosure pressure = -0.045" w.c. at 8:15, = -0.082" w.c. at 10:00, = -0.027" w.c. at 12:15,
= -0.024" w.c. at 13:51.

Site Map attached showing location of Dustrak Monitors, and location of construction activities.

Recorded By: Henry Jaquez Date: 10/6/2014

Reviewed By: Nick Somogyi Date: 10/6/2014

Test 014

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/06/2014
Instrument S/N	8530113811	Start Time	07:51:39
		Stop Date	10/06/2014
		Stop Time	14:06:39
		Total Time	0:06:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/06/2014	08:06:39	0.062
2	10/06/2014	08:21:39	0.060
3	10/06/2014	08:36:39	0.056
4	10/06/2014	08:51:39	0.042
5	10/06/2014	09:06:39	0.049
6	10/06/2014	09:21:39	0.050
7	10/06/2014	09:36:39	0.045
8	10/06/2014	09:51:39	0.044
9	10/06/2014	10:06:39	0.035
10	10/06/2014	10:21:39	0.032
11	10/06/2014	10:36:39	0.034
12	10/06/2014	10:51:39	0.032
13	10/06/2014	11:06:39	0.030
14	10/06/2014	11:21:39	0.032
15	10/06/2014	11:36:39	0.029
16	10/06/2014	11:51:39	0.026
17	10/06/2014	12:06:39	0.027
18	10/06/2014	12:21:39	0.031
19	10/06/2014	12:36:39	0.032
20	10/06/2014	12:51:39	0.026
21	10/06/2014	13:06:39	0.025
22	10/06/2014	13:21:39	0.024
23	10/06/2014	13:36:39	0.029
24	10/06/2014	13:51:39	0.029
25	10/06/2014	14:06:39	0.040

Test 013

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	10/06/2014
Instrument S/N	8533133501	Start Time	08:16:17
		Stop Date	10/06/2014
		Stop Time	14:01:17
		Total Time	0:05:45:00
		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	10/06/2014	08:31:17	0.039	0.040	0.044	0.053	0.059
2	10/06/2014	08:46:17	0.028	0.029	0.030	0.034	0.034
3	10/06/2014	09:01:17	0.030	0.031	0.033	0.036	0.036
4	10/06/2014	09:16:17	0.031	0.032	0.033	0.037	0.037
5	10/06/2014	09:31:17	0.030	0.030	0.032	0.034	0.035
6	10/06/2014	09:46:17	0.026	0.027	0.028	0.031	0.031
7	10/06/2014	10:01:17	0.023	0.023	0.024	0.026	0.027
8	10/06/2014	10:16:17	0.019	0.020	0.021	0.022	0.023
9	10/06/2014	10:31:17	0.018	0.019	0.020	0.021	0.022
10	10/06/2014	10:46:17	0.018	0.019	0.019	0.021	0.021
11	10/06/2014	11:01:17	0.018	0.018	0.019	0.020	0.021
12	10/06/2014	11:16:17	0.017	0.018	0.018	0.020	0.020
13	10/06/2014	11:31:17	0.018	0.018	0.019	0.021	0.021
14	10/06/2014	11:46:17	0.016	0.016	0.017	0.018	0.019
15	10/06/2014	12:01:17	0.014	0.015	0.015	0.017	0.017
16	10/06/2014	12:16:17	0.016	0.016	0.017	0.018	0.019
17	10/06/2014	12:31:17	0.018	0.018	0.019	0.021	0.021
18	10/06/2014	12:46:17	0.015	0.016	0.016	0.018	0.018
19	10/06/2014	13:01:17	0.014	0.014	0.015	0.016	0.016
20	10/06/2014	13:16:17	0.012	0.013	0.013	0.014	0.015
21	10/06/2014	13:31:17	0.015	0.016	0.016	0.018	0.018
22	10/06/2014	13:46:17	0.016	0.016	0.017	0.018	0.019
23	10/06/2014	14:01:17	0.019	0.020	0.021	0.023	0.023

Monitoring Results / Reports
(October 7, 2014)

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

10/07/2014 Work Area 5f - MH-H

TETRA TECH BAS

EXIDE TECHNOLOGIES FACILITY ID NO. 124838
ORDER FOR ABATEMENT CASE NO. 3151-32
INSTANTANEOUS DUSTTRAK AIR MONITORING FORM

Date: 10/7/2014 Work Activity / Location: 5f - Manhole H

Cycle Reading No.	Upwind 1 Location: UH-1 Serial No.: 8530132205		Downwind 1 Location: DH-1 Serial No.: 8533133501		Downwind 2 Location: Serial No.:		Downwind 3 Location: Serial No.:	
	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)
1	6:25	0.071	6:27	0.058				
2	6:46	0.061	6:46	0.048				
3	7:00	0.065	7:00	0.049				
4	7:15	0.062	7:15	0.047				
5	7:30	0.057	7:31	0.047				
6	7:46	0.074	7:46	0.063				
7	8:00	0.063	8:00	0.063				
8	8:19	0.070	8:19	0.060				
9	8:31	0.069	8:32	0.058				
10	8:47	0.072	8:48	0.054				
11	9:00	0.076	9:00	0.054				
12	9:15	0.068	9:15	0.051				
13	9:30	0.060	9:30	0.045				
14	9:45	0.061	9:45	0.045				
15	11:05	0.041	11:06	0.030				
16	11:22	0.035	11:22	0.029				
17	11:35	0.031	11:35	0.028				
18	11:52	0.040	11:52	0.031				
19	12:06	0.042	12:06	0.036				
20	12:21	0.037	12:21	0.033				
21	12:35	0.032	12:35	0.028				
22	12:50	0.028	12:51	0.020				
23	13:07	0.027	13:07	0.021				
24	13:19	0.029	13:20	0.021				
25	13:37	0.027	13:37	0.022				
26	13:50	0.027	13:50	0.020				
27	14:06	0.024	14:06	0.017				
28								
29								
30								
31								
32								

Time	9:00	11:22	13:58				
Wind Direction	0	W	W				
Avg. Wind Speed	0	2.2	2.9				[mph]
Temperature	72.8	88.5	92.7				[°F]

Comments:

Tent enclosure pressure = -0.045" w.c at 7:15, = -0.052" w.c. at 9:15, = -0.051" w.c. at 11:05, = -0.083" w.c. at 13:07.

Site Map attached showing location of Dustrak Monitors, and location of construction activities.

Recorded By: Jose R. Santoyo Date: 10/7/2014

Reviewed By: Nick Somogyi Date: 10/7/2014

Test 013

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/07/2014
Instrument S/N	8530132205	Start Time	06:24:35
		Stop Date	10/07/2014
		Stop Time	14:09:35
		Total Time	0:07:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/07/2014	06:39:35	0.070
2	10/07/2014	06:54:35	0.063
3	10/07/2014	07:09:35	0.062
4	10/07/2014	07:24:35	0.064
5	10/07/2014	07:39:35	0.059
6	10/07/2014	07:54:35	0.072
7	10/07/2014	08:09:35	0.067
8	10/07/2014	08:24:35	0.069
9	10/07/2014	08:39:35	0.066
10	10/07/2014	08:54:35	0.072
11	10/07/2014	09:09:35	0.073
12	10/07/2014	09:24:35	0.067
13	10/07/2014	09:39:35	0.060
14	10/07/2014	09:54:35	0.060
15	10/07/2014	10:09:35	0.061
16	10/07/2014	10:24:35	0.044
17	10/07/2014	10:39:35	0.037
18	10/07/2014	10:54:35	0.043
19	10/07/2014	11:09:35	0.039
20	10/07/2014	11:24:35	0.041
21	10/07/2014	11:39:35	0.030
22	10/07/2014	11:54:35	0.038
23	10/07/2014	12:09:35	0.040
24	10/07/2014	12:24:35	0.038
25	10/07/2014	12:39:35	0.033
26	10/07/2014	12:54:35	0.028
27	10/07/2014	13:09:35	0.027
28	10/07/2014	13:24:35	0.027
29	10/07/2014	13:39:35	0.028
30	10/07/2014	13:54:35	0.026
31	10/07/2014	14:09:35	0.024

Test 014

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	10/07/2014
Instrument S/N	8533133501	Start Time	06:20:41
		Stop Date	10/07/2014
		Stop Time	14:05:41
		Total Time	0:07:45:00
		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	10/07/2014	06:35:41	0.049	0.050	0.051	0.053	0.054
2	10/07/2014	06:50:41	0.046	0.047	0.049	0.052	0.052
3	10/07/2014	07:05:41	0.044	0.045	0.046	0.048	0.049
4	10/07/2014	07:20:41	0.045	0.046	0.047	0.049	0.050
5	10/07/2014	07:35:41	0.041	0.042	0.044	0.047	0.048
6	10/07/2014	07:50:41	0.048	0.049	0.050	0.053	0.053
7	10/07/2014	08:05:41	0.052	0.053	0.055	0.059	0.060
8	10/07/2014	08:20:41	0.051	0.052	0.053	0.057	0.058
9	10/07/2014	08:35:41	0.049	0.050	0.052	0.057	0.059
10	10/07/2014	08:50:41	0.048	0.049	0.050	0.053	0.054
11	10/07/2014	09:05:41	0.051	0.052	0.053	0.056	0.056
12	10/07/2014	09:20:41	0.048	0.049	0.050	0.052	0.052
13	10/07/2014	09:35:41	0.043	0.044	0.045	0.047	0.048
14	10/07/2014	09:50:41	0.041	0.042	0.043	0.045	0.046
15	10/07/2014	10:05:41	0.042	0.042	0.043	0.045	0.046
16	10/07/2014	10:20:41	0.034	0.035	0.035	0.037	0.038
17	10/07/2014	10:35:41	0.025	0.026	0.027	0.029	0.029
18	10/07/2014	10:50:41	0.031	0.031	0.032	0.034	0.035
19	10/07/2014	11:05:41	0.026	0.026	0.027	0.029	0.029
20	10/07/2014	11:20:41	0.029	0.029	0.031	0.033	0.033
21	10/07/2014	11:35:41	0.022	0.023	0.024	0.026	0.026
22	10/07/2014	11:50:41	0.024	0.025	0.026	0.029	0.029
23	10/07/2014	12:05:41	0.027	0.027	0.028	0.031	0.031
24	10/07/2014	12:20:41	0.027	0.028	0.029	0.031	0.032
25	10/07/2014	12:35:41	0.023	0.024	0.025	0.027	0.027
26	10/07/2014	12:50:41	0.019	0.020	0.021	0.024	0.024
27	10/07/2014	13:05:41	0.018	0.019	0.019	0.021	0.021
28	10/07/2014	13:20:41	0.018	0.019	0.020	0.022	0.022
29	10/07/2014	13:35:41	0.018	0.018	0.019	0.021	0.022
30	10/07/2014	13:50:41	0.017	0.017	0.018	0.020	0.020
31	10/07/2014	14:05:41	0.016	0.017	0.018	0.021	0.021

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

10/07/2014 Work Area 5f - MH-J

TETRA TECH BAS

EXIDE TECHNOLOGIES FACILITY ID NO. 124838
ORDER FOR ABATEMENT CASE NO. 3151-32
INSTANTANEOUS DUSTTRAK AIR MONITORING FORM

Date: 10/7/2014 Work Activity / Location: 5f - Manhole J

Cycle Reading No.	Upwind 1 Location: UJ-1 Serial No.: 8530100906		Downwind 1 Location: DJ-1 Serial No.: 8530113811		Downwind 2 Location: Serial No.:		Downwind 3 Location: Serial No.:	
	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)
1	6:30	0.047	6:33	0.066				
2	6:42	0.046	6:41	0.069				
3	7:00	0.049	7:01	0.063				
4	7:18	0.051	7:18	0.071				
5	7:30	0.052	7:30	0.068				
6	7:46	0.054	7:46	0.069				
7	8:00	0.052	8:00	0.068				
8	8:15	0.052	8:15	0.067				
9	8:30	0.054	8:30	0.066				
10	8:45	0.053	8:45	0.071				
11	9:00	0.052	8:59	0.073				
12	9:15	0.049	9:15	0.063				
13	9:31	0.046	9:31	0.050				
14	10:00	0.042	10:00	0.062				
15	11:06	0.042	11:06	0.044				
16	11:20	0.041	11:20	0.035				
17	11:30	0.038	11:42	0.042				
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Time	6:30	9:35	11:00					
Wind Direction	0	SW	W					
Avg. Wind Speed	0	0.9	1.4					[mph]
Temperature	68.9	79.0	93.8					[°F]

Comments: Work began at 6:30am and finished at 11:00am when tent enclosure was moved to Manhole K location.
Tent enclosure pressure = -0.030" w.c at 6:35, = -0.025" w.c. at 7:55, = -0.035" w.c. at 10:00.

Site Map attached showing location of Dustrak Monitors, and location of construction activities.

Recorded By: Henry Jaquez Date: 10/7/2014

Reviewed By: Nick Somogyi Date: 10/7/2014

Test 019

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/07/2014
Instrument S/N	8530100906	Start Time	06:24:24
		Stop Date	10/07/2014
		Stop Time	11:24:24
		Total Time	0:05:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/07/2014	06:39:24	0.049
2	10/07/2014	06:54:24	0.048
3	10/07/2014	07:09:24	0.046
4	10/07/2014	07:24:24	0.049
5	10/07/2014	07:39:24	0.047
6	10/07/2014	07:54:24	0.052
7	10/07/2014	08:09:24	0.053
8	10/07/2014	08:24:24	0.053
9	10/07/2014	08:39:24	0.051
10	10/07/2014	08:54:24	0.054
11	10/07/2014	09:09:24	0.055
12	10/07/2014	09:24:24	0.051
13	10/07/2014	09:39:24	0.048
14	10/07/2014	09:54:24	0.049
15	10/07/2014	10:09:24	0.050
16	10/07/2014	10:24:24	0.042
17	10/07/2014	10:39:24	0.041
18	10/07/2014	10:54:24	0.045
19	10/07/2014	11:09:24	0.043
20	10/07/2014	11:24:24	0.044

Test 015

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/07/2014
Instrument S/N	8530113811	Start Time	06:22:22
		Stop Date	10/07/2014
		Stop Time	11:37:22
		Total Time	0:05:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/07/2014	06:37:22	0.067
2	10/07/2014	06:52:22	0.063
3	10/07/2014	07:07:22	0.059
4	10/07/2014	07:22:22	0.063
5	10/07/2014	07:37:22	0.059
6	10/07/2014	07:52:22	0.068
7	10/07/2014	08:07:22	0.078
8	10/07/2014	08:22:22	0.070
9	10/07/2014	08:37:22	0.068
10	10/07/2014	08:52:22	0.072
11	10/07/2014	09:07:22	0.076
12	10/07/2014	09:22:22	0.069
13	10/07/2014	09:37:22	0.063
14	10/07/2014	09:52:22	0.061
15	10/07/2014	10:07:22	0.063
16	10/07/2014	10:22:22	0.049
17	10/07/2014	10:37:22	0.040
18	10/07/2014	10:52:22	0.049
19	10/07/2014	11:07:22	0.040
20	10/07/2014	11:22:22	0.046
21	10/07/2014	11:37:22	0.034

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

10/07/2014 Work Area 5f - MH-K

TETRA TECH BAS

EXIDE TECHNOLOGIES FACILITY ID NO. 124838
ORDER FOR ABATEMENT CASE NO. 3151-32
INSTANTANEOUS DUSTTRAK AIR MONITORING FORM

Date: 10/7/2014 Work Activity / Location: 5f - Manhole K

Cycle Reading No.	Upwind 1 Location: UK-1 Serial No.: 8530100906		Downwind 1 Location: DK-1 Serial No.: 8530113811		Downwind 2 Location: Serial No.:		Downwind 3 Location: Serial No.:	
	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)
1	11:45	0.046	11:30	0.037				
2	12:00	0.042	12:00	0.037				
3	12:20	0.044	12:20	0.038				
4	12:44	0.038	12:44	0.029				
5	12:58	0.037	12:59	0.028				
6	13:16	0.037	13:17	0.028				
7	13:31	0.038	13:31	0.029				
8	13:46	0.037	13:46	0.025				
9	14:00	0.036	14:00	0.023				
10	14:15	0.039	14:15	0.027				
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Time	12:15	13:00	14:00					
Wind Direction	W	W	W					
Avg. Wind Speed	1.2	2.0	1.4					[mph]
Temperature	90.1	93.0	95.1					[°F]

Comments: Work began at 12:30pm.
Tent enclosure pressure = -0.030" w.c. at 12:30, = -0.020" w.c. at 13:17, = -0.033" w.c. at 13:31, = -0.041" w.c. at 13:46.

Site Map attached showing location of Dustrak Monitors, and location of construction activities.

Recorded By: Henry Jaquez Date: 10/7/2014

Reviewed By: Nick Somogyi Date: 10/7/2014

Test 020

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/07/2014
Instrument S/N	8530100906	Start Time	11:38:02
		Stop Date	10/07/2014
		Stop Time	14:08:02
		Total Time	0:02:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/07/2014	11:53:02	0.043
2	10/07/2014	12:08:02	0.044
3	10/07/2014	12:23:02	0.043
4	10/07/2014	12:38:02	0.040
5	10/07/2014	12:53:02	0.038
6	10/07/2014	13:08:02	0.038
7	10/07/2014	13:23:02	0.037
8	10/07/2014	13:38:02	0.038
9	10/07/2014	13:53:02	0.038
10	10/07/2014	14:08:02	0.036

Test 016

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/07/2014
Instrument S/N	8530113811	Start Time	11:51:07
		Stop Date	10/07/2014
		Stop Time	14:06:07
		Total Time	0:02:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/07/2014	12:06:07	0.044
2	10/07/2014	12:21:07	0.041
3	10/07/2014	12:36:07	0.036
4	10/07/2014	12:51:07	0.030
5	10/07/2014	13:06:07	0.029
6	10/07/2014	13:21:07	0.028
7	10/07/2014	13:36:07	0.028
8	10/07/2014	13:51:07	0.027
9	10/07/2014	14:06:07	0.024

Monitoring Results / Reports
(October 8, 2014)

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

10/08/2014 Work Area 5f - MH-H

TETRA TECH BAS

EXIDE TECHNOLOGIES FACILITY ID NO. 124838
ORDER FOR ABATEMENT CASE NO. 3151-32
INSTANTANEOUS DUSTTRAK AIR MONITORING FORM

Date: 10/8/2014 Work Activity / Location: 5f - Manhole H

Cycle Reading No.	Upwind 1		Downwind 1		Downwind 2		Downwind 3	
	Location: UH-1		Location: DH-1		Location:		Location:	
	Serial No.: 8530100906		Serial No.: 8533133501		Serial No.:		Serial No.:	
	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)
1	6:01	0.047	6:05	0.048				
2	6:15	0.043	6:15	0.047				
3	6:30	0.050	6:30	0.049				
4	7:20	0.049	7:20	0.050				
5	7:49	0.064	7:49	0.072				
6	8:05	0.050	8:06	0.048				
7	8:15	0.054	8:15	0.052				
8	8:20	0.051	8:20	0.049				
9	9:04	0.044	9:05	0.052				
10	9:20	0.043	9:20	0.040				
11	9:36	0.040	9:35	0.044				
12	10:50	0.040	10:50	0.032				
13	11:01	0.046	11:05	0.048				
14	11:19	0.045	11:20	0.037				
15	11:46	0.039	11:46	0.042				
16	12:00	0.037	12:00	0.039				
17	12:16	0.041	12:16	0.036				
18	12:30	0.039	12:30	0.041				
19	13:00	0.042	13:00	0.033				
20	13:15	0.038	13:15	0.021				
21	13:30	0.037	13:30	0.029				
22	14:00	0.037	14:00	0.031				
23	14:27	0.046	14:27	0.036				
24								
25								
26								
27								
28								
29								
30								
31								
32								

Time	6:10	8:05	11:04	13:00				
Wind Direction	0	0	W	W				
Avg. Wind Speed	0.0	0.0	1.4	1.9				[mph]
Temperature	70.4	72.3	82.7	85.4				[°F]

Comments: Work began at 6:30am.

Tent enclosure negative pressure: -0.053" w.c. at 6:45, -0.048" w.c. at 8:07, -0.020" w.c. at 11:02, -0.024" w.c. at 11:45, -0.036" w.c. at 12:30.

Site Map attached showing location of Dustrak Monitors, and location of construction activities.

Recorded By: Henry Jaquez Date: 10/8/2014

Reviewed By: Nick Somogyi Date: 10/8/2014

Test 021

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/08/2014
Instrument S/N	8530100906	Start Time	05:59:26
		Stop Date	10/08/2014
		Stop Time	14:29:26
		Total Time	0:08:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/08/2014	06:14:26	0.048
2	10/08/2014	06:29:26	0.047
3	10/08/2014	06:44:26	0.043
4	10/08/2014	06:59:26	0.046
5	10/08/2014	07:14:26	0.043
6	10/08/2014	07:29:26	0.051
7	10/08/2014	07:44:26	0.060
8	10/08/2014	07:59:26	0.058
9	10/08/2014	08:14:26	0.053
10	10/08/2014	08:29:26	0.051
11	10/08/2014	08:44:26	0.044
12	10/08/2014	08:59:26	0.042
13	10/08/2014	09:14:26	0.044
14	10/08/2014	09:29:26	0.044
15	10/08/2014	09:44:26	0.040
16	10/08/2014	09:59:26	0.041
17	10/08/2014	10:14:26	0.041
18	10/08/2014	10:29:26	0.041
19	10/08/2014	10:44:26	0.037
20	10/08/2014	10:59:26	0.041
21	10/08/2014	11:14:26	0.050
22	10/08/2014	11:29:26	0.043
23	10/08/2014	11:44:26	0.041
24	10/08/2014	11:59:26	0.041
25	10/08/2014	12:14:26	0.042
26	10/08/2014	12:29:26	0.043
27	10/08/2014	12:44:26	0.047
28	10/08/2014	12:59:26	0.043
29	10/08/2014	13:14:26	0.045
30	10/08/2014	13:29:26	0.047
31	10/08/2014	13:44:26	0.045
32	10/08/2014	13:59:26	0.043
33	10/08/2014	14:14:26	0.042
34	10/08/2014	14:29:26	0.042

Test 015

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	10/08/2014
Instrument S/N	8533133501	Start Time	06:04:44
		Stop Date	10/08/2014
		Stop Time	14:19:44
		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	10/08/2014	06:19:44	0.044	0.045	0.047	0.052	0.053
2	10/08/2014	06:34:44	0.037	0.038	0.039	0.041	0.041
3	10/08/2014	06:49:44	0.035	0.036	0.037	0.039	0.039
4	10/08/2014	07:04:44	0.036	0.036	0.038	0.040	0.040
5	10/08/2014	07:19:44	0.037	0.038	0.039	0.041	0.041
6	10/08/2014	07:34:44	0.044	0.045	0.046	0.048	0.049
7	10/08/2014	07:49:44	0.058	0.060	0.062	0.067	0.067
8	10/08/2014	08:04:44	0.049	0.050	0.052	0.054	0.055
9	10/08/2014	08:19:44	0.048	0.049	0.050	0.053	0.054
10	10/08/2014	08:34:44	0.041	0.042	0.044	0.047	0.048
11	10/08/2014	08:49:44	0.035	0.036	0.038	0.042	0.043
12	10/08/2014	09:04:44	0.037	0.038	0.040	0.045	0.046
13	10/08/2014	09:19:44	0.036	0.037	0.039	0.042	0.042
14	10/08/2014	09:34:44	0.036	0.037	0.039	0.042	0.043
15	10/08/2014	09:49:44	0.032	0.033	0.034	0.038	0.038
16	10/08/2014	10:04:44	0.032	0.033	0.034	0.038	0.038
17	10/08/2014	10:19:44	0.032	0.033	0.034	0.038	0.038
18	10/08/2014	10:34:44	0.029	0.029	0.031	0.034	0.035
19	10/08/2014	10:49:44	0.026	0.027	0.028	0.032	0.032
20	10/08/2014	11:04:44	0.032	0.033	0.034	0.037	0.038
21	10/08/2014	11:19:44	0.035	0.036	0.038	0.041	0.042
22	10/08/2014	11:34:44	0.028	0.028	0.030	0.033	0.033
23	10/08/2014	11:49:44	0.025	0.026	0.027	0.030	0.031
24	10/08/2014	12:04:44	0.025	0.026	0.027	0.029	0.030
25	10/08/2014	12:19:44	0.024	0.025	0.026	0.029	0.030
26	10/08/2014	12:34:44	0.033	0.034	0.037	0.045	0.045
27	10/08/2014	12:49:44	0.028	0.029	0.030	0.033	0.033
28	10/08/2014	13:04:44	0.026	0.027	0.028	0.031	0.031
29	10/08/2014	13:19:44	0.031	0.031	0.033	0.035	0.035
30	10/08/2014	13:34:44	0.033	0.034	0.035	0.037	0.037
31	10/08/2014	13:49:44	0.028	0.029	0.030	0.032	0.032
32	10/08/2014	14:04:44	0.035	0.036	0.037	0.038	0.039
33	10/08/2014	14:19:44	0.027	0.028	0.029	0.030	0.030

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

10/08/2014 Work Area 5f - MH-K

TETRA TECH BAS

EXIDE TECHNOLOGIES FACILITY ID NO. 124838
ORDER FOR ABATEMENT CASE NO. 3151-32
INSTANTANEOUS DUSTTRAK AIR MONITORING FORM

Date: 10/8/2014 Work Activity / Location: 5f - Manhole K

Cycle Reading No.	Upwind 1 Location: UK-1 Serial No.: 8530113811		Downwind 1 Location: DK-1 Serial No.: 8530132205		Downwind 2 Location: Serial No.:		Downwind 3 Location: Serial No.:	
	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)
1	6:16	0.077	6:12	0.066				
2	6:32	0.073	6:32	0.065				
3	7:00	0.069	7:00	0.065				
4	7:15	0.073	7:15	0.069				
5	7:30	0.074	7:30	0.067				
6	7:45	0.073	7:45	0.088				
7	8:08	0.072	8:10	0.067				
8	8:16	0.076	8:17	0.068				
9	8:19	0.074	8:19	0.069				
10	9:03	0.062	9:04	0.060				
11	9:21	0.059	9:22	0.061				
12	9:34	0.051	9:35	0.047				
13	10:43	0.048	10:45	0.040				
14	10:50	0.047	10:50	0.038				
15	11:06	0.074	11:09	0.051				
16	11:21	0.041	11:22	0.039				
17	11:48	0.044	11:48	0.036				
18	12:02	0.044	12:02	0.029				
19	12:15	0.039	12:15	0.027				
20	12:32	0.040	12:32	0.031				
21	12:45	0.039	12:45	0.027				
22	13:00	0.041	13:00	0.025				
23	13:07	0.037	13:07	0.049				
24	13:25	0.033	13:25	0.043				
25	13:48	0.037	13:48	0.040				
26	14:24	0.049	14:19	0.039				
27								
28								
29								
30								
31								
32								

Time	6:10	8:05	11:07	12:55				
Wind Direction	0	0	W	W				
Avg. Wind Speed	0.0	0.0	1.7	3.4				[mph]
Temperature	70.4	72.4	85.4	85.6				[°F]

Comments: Work began at 6:30am.

Tent enclosure negative pressure: -0.046" w.c. at 6:47, -0.085" w.c. at 8:10, -0.030" w.c. at 10:45, -0.029" w.c. at 11:08

Site Map attached showing location of Dustrak Monitors, and location of construction activities.

Recorded By: Henry Jaquez Date: 10/8/2014

Reviewed By: Nick Somogyi Date: 10/8/2014

Test 017

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/08/2014
Instrument S/N	8530113811	Start Time	06:15:35
		Stop Date	10/08/2014
		Stop Time	14:15:35
		Total Time	0:08:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/08/2014	06:30:35	0.061
2	10/08/2014	06:45:35	0.053
3	10/08/2014	07:00:35	0.056
4	10/08/2014	07:15:35	0.054
5	10/08/2014	07:30:35	0.066
6	10/08/2014	07:45:35	0.087
7	10/08/2014	08:00:35	0.083
8	10/08/2014	08:15:35	0.072
9	10/08/2014	08:30:35	0.066
10	10/08/2014	08:45:35	0.054
11	10/08/2014	09:00:35	0.056
12	10/08/2014	09:15:35	0.059
13	10/08/2014	09:30:35	0.058
14	10/08/2014	09:45:35	0.051
15	10/08/2014	10:00:35	0.053
16	10/08/2014	10:15:35	0.055
17	10/08/2014	10:30:35	0.053
18	10/08/2014	10:45:35	0.045
19	10/08/2014	11:00:35	0.049
20	10/08/2014	11:15:35	0.063
21	10/08/2014	11:30:35	0.049
22	10/08/2014	11:45:35	0.044
23	10/08/2014	12:00:35	0.043
24	10/08/2014	12:15:35	0.042
25	10/08/2014	12:30:35	0.044
26	10/08/2014	12:45:35	0.050
27	10/08/2014	13:00:35	0.042
28	10/08/2014	13:15:35	0.049
29	10/08/2014	13:30:35	0.061
30	10/08/2014	13:45:35	0.050
31	10/08/2014	14:00:35	0.050
32	10/08/2014	14:15:35	0.059

Test 014

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/08/2014
Instrument S/N	8530132205	Start Time	06:10:50
		Stop Date	10/08/2014
		Stop Time	14:10:50
		Total Time	0:08:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/08/2014	06:25:50	0.065
2	10/08/2014	06:40:50	0.054
3	10/08/2014	06:55:50	0.051
4	10/08/2014	07:10:50	0.049
5	10/08/2014	07:25:50	0.057
6	10/08/2014	07:40:50	0.074
7	10/08/2014	07:55:50	0.084
8	10/08/2014	08:10:50	0.069
9	10/08/2014	08:25:50	0.066
10	10/08/2014	08:40:50	0.056
11	10/08/2014	08:55:50	0.050
12	10/08/2014	09:10:50	0.053
13	10/08/2014	09:25:50	0.053
14	10/08/2014	09:40:50	0.049
15	10/08/2014	09:55:50	0.046
16	10/08/2014	10:10:50	0.047
17	10/08/2014	10:25:50	0.049
18	10/08/2014	10:40:50	0.039
19	10/08/2014	10:55:50	0.040
20	10/08/2014	11:10:50	0.054
21	10/08/2014	11:25:50	0.048
22	10/08/2014	11:40:50	0.040
23	10/08/2014	11:55:50	0.038
24	10/08/2014	12:10:50	0.038
25	10/08/2014	12:25:50	0.037
26	10/08/2014	12:40:50	0.044
27	10/08/2014	12:55:50	0.044
28	10/08/2014	13:10:50	0.042
29	10/08/2014	13:25:50	0.050
30	10/08/2014	13:40:50	0.048
31	10/08/2014	13:55:50	0.040
32	10/08/2014	14:10:50	0.053