TETRA TECH BAS

October 3, 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 # 3 (09/25/14 – 10/01/14)**

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 September 25, 2014 through October 1, 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.

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North Oxidation Tank 24 Repairs

On Thursday September 25, 2014 Advance Construction and their subcontractor Fail Safe continued installation of new fiberglass lining within Tank 24. Installation of the new fiberglass was completed on September 29, 2014 and on September 30, 2014. On October 1, 2014 Advanced Construction prepared the work area inside Tank 24 under negative pressure and heat cured the new fiberglass lining. No odors were noted during performance of heat curing activities. Inspection and leak testing will continue into the next reporting period. Once the inspection and leak testing are complete the temporary enclosure will be removed.

On September 30, 2014 the start of repair activities was delayed because one of the negative air machines had been relocated to another temporary enclosure. The negative air machine was reconnected to the temporary enclosure at Tank 24, and repair activities resumed.

Tetra Tech personnel witnessed the repair activities occurring within the temporary negative pressure enclosure 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.
- Confirmation that negative pressure was established prior to the start of repair activities on September 30, 2014.
- 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.

RCRA Well Development SI-1 & SI-5

Avocet Environmental, Inc. returned to the site on September 25, 2014 under E2 Environmental to complete well development of two onsite groundwater wells. Prior to starting work, two (2) layers of nine mil plastic sheeting were placed on the ground around the well. To contain runoff of any liquids resulting from well development activities, absorbent booms were placed around the perimeter. Water was removed from wells SI-1 and SI-5 by repeatedly lowering and retrieving a bailer into the well. All water and sediment removed from the wells was placed in 55-gallon drums, labeled properly and

placed in the total enclosure building. Avocet Environmental completed development activities on September 25, 2014 and demobilized.

Tetra Tech personnel observed the well development activities and verified that the work was done in accordance with the supplemental mitigation plan. The nature of the work did not have the potential to generate dust and therefore Dust Trak monitors were not set up to monitor this task. Verification activities included:

- Observation of placement of plastic and absorbent booms prior to the start of well development.
- Observation of bailing and surging activities at both well locations.
- Visual verification that all water and sediment was drummed and labeled properly.

Storm Water Pipe Completion Project

Castlerock Environmental erected temporary enclosures over manholes F, G and F-1 in the west yard on September 29, 2014 and September 30, 2014. Innovative Construction Solutions (ICS) began mobilizing to the site, but has not begun any of the repair activities. ICS is scheduled to begin work on the storm water manholes in the next reporting period.

Tetra Tech personnel placed Dust Trak monitors upwind and downwind of manholes F. G and F-1 to monitor for fugitive dust during the erection of the temporary enclosures. Tetra Tech personnel also verified that the temporary enclosures maintained negative pressure once Castlerock completed each temporary enclosure. 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.
- 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 and repairs were made immediately.

Dust Removal

National Response Corporation (NRC) personnel were onsite on September 29, 2014 for additional health and safety training and to mobilization of equipment to the site. NRC began erecting scaffolding and vacuum piping inside the total enclosure building starting Tuesday September 30, 2014. Scaffolding and vacuum piping erection will continue into the next reporting period. Dust removal is scheduled to start during the next reporting period.

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.

Refining Department Production Office Repairs

Exide's contractor Brownco mobilized to the site on September 29, 2014 to begin work. However, repair activities in Exide's Refining Department Production Offices were postponed pending completion of an asbestos survey of the work area. The matter relating to the potential for asbestos to be present in the work area has been brought to the attention of the SCAQMD who is responsible for assuring compliance with their Rule 1403 – Asbestos Emissions From Demolition / Renovation Activities.

West Yard Sump Piping

Advanced Construction began mobilizing material to the site for the west yard sump piping project on September 29, 2014. 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	No Activity
RCRA Well Development SI-1 & SI-5	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. 2 - Oct. 8	• North Oxidation Tank 24 Repairs Continue • Security Surveillance Camera Installation Continues • Feed Room Floor Repair • Stormwater Pipe Project Completion Continues • Dust Removal Continues • Refining Department Production Office Repairs Continue • West Yard Sump Piping Continues
Oct. 9 - Oct. 15	• 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 • Sand Filters Repair Work

KEY MILESTONES:

The following key milestones were achieved during this reporting period:

- RCRA Well Development SI-1 & SI-5: COMPLETED
- Dust Removal: BEGAN
- Storm Water Pipe Project Completion: BEGAN
- Refining Department Production Office: BEGAN
- West Yard Sump Piping: BEGAN

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 September 25, 2014 through October 1, 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 for
Project Engineer

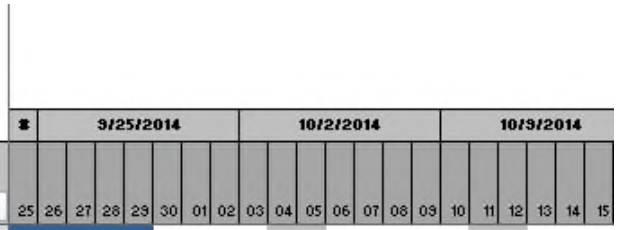
ATTACHMENTS:
Gant Chart Schedule
Site Map
Monitoring Results / Reports

Gant Chart Schedule

Updated Project Schedule
Week of 09/25/14 – 10/15/14

EXIDE TECHNOLOGIES
Recycling Division, Vernon, CA

Mitigation Plan Referenc	Task Name	Plant Location	Duration	Start Date	Finish Date	%
5e	Tank/Sump Maintenance (Tank 24)	North Yard	14 days	9/16/14	9/30/14	80%
5f	Storm Water Piping Project Completion	Yards	20 days	9/29/14	10/19/14	5%
6a	Security Surveillance Camera Installation	North Yard	10 days	9/22/14	10/2/14	90%
Ex36	Feedroom floor repair	Reverb Feedroom	13 days	9/22/14	10/5/14	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	1%
Ex43	West Yard Sump Piping	RMPS & Refining	13 days	9/29/14	10/12/14	5%
5d	Santa Maria Tank 12	RMPS	29 days	10/9/14	11/7/14	0%
Ex51	Sand Filters Repair work	WWTP	30 days	10/8/14	11/7/14	0%
5a	Reverb Furnace Activities	RMPS	30 days	10/8/14	11/8/14	0%



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

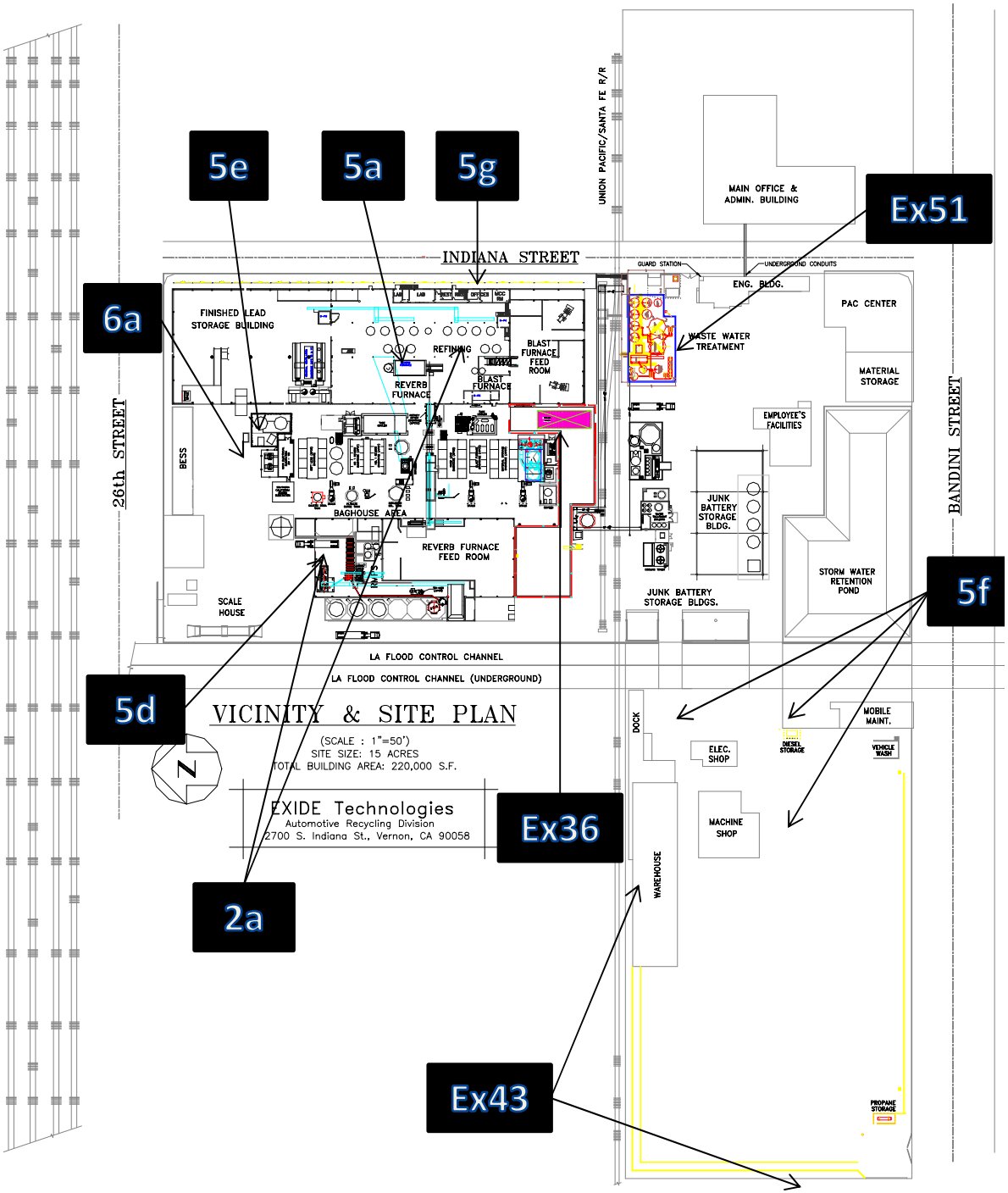
Mitigation Project Schedule_100214.ppt

Site Map

Mitigation Project Map Layout

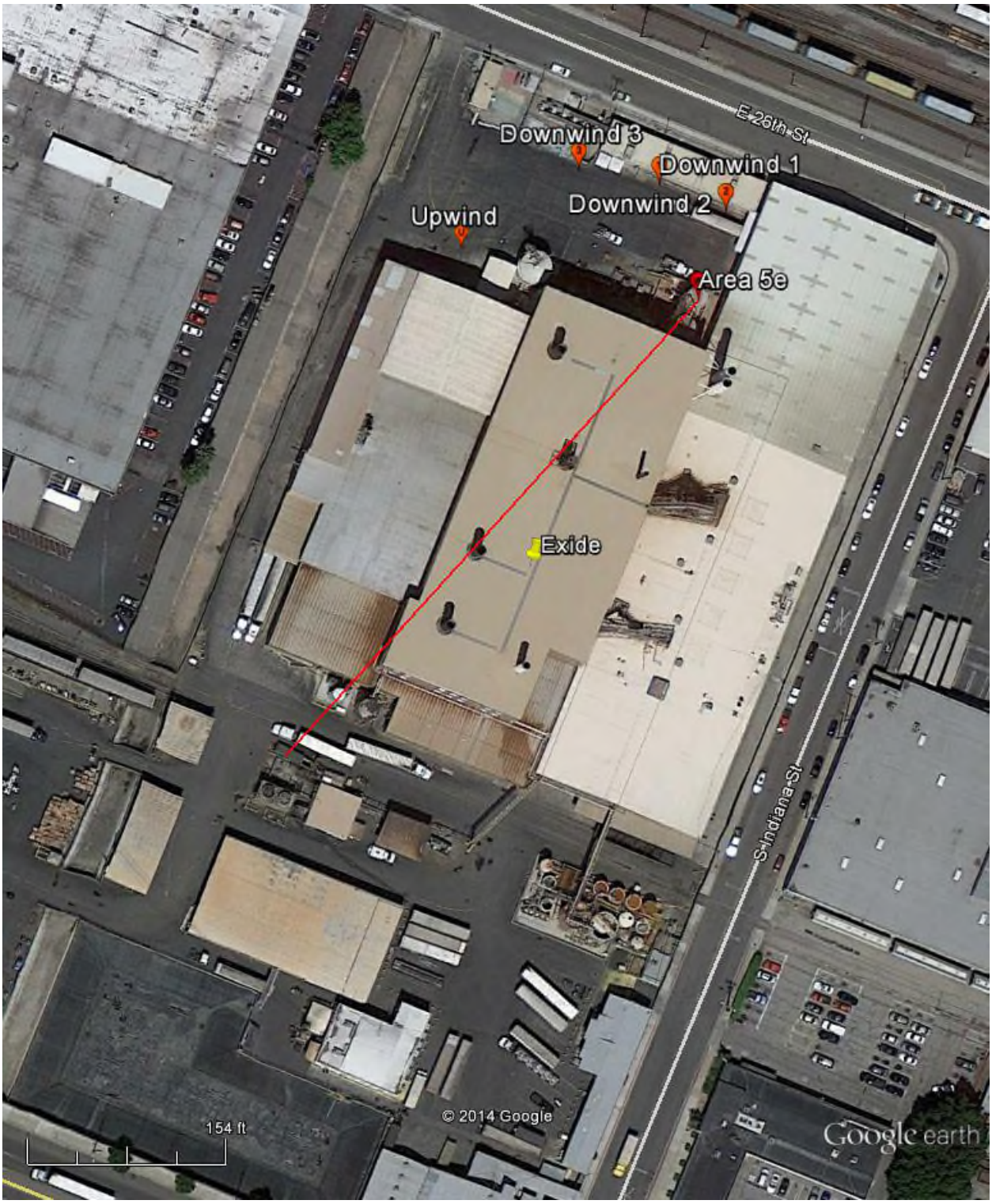
Week 09/25/14 – 10/15/14

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



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

Monitoring Results / Reports
(September 25, 2014)



EX 5e REPAIR AREA
DUST TRAK MONITORING LOCATIONS

TETRA TECH BAS

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

Date: 9/25/2014 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.: 8533132902		Serial No.: 8530141008		Serial No.: 8530100906		Serial No.: 8530113011	
	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)
1	6:34	0.044	6:35	0.156	6:36	0.088	6:33	0.040
2	6:54	0.048	6:56	0.048	6:55	0.039	6:55	0.048
3	7:15	0.047	7:18	0.053	7:18	0.051	7:16	0.051
4	7:36	0.050	7:38	0.054	7:38	0.039	7:37	0.049
5	8:15	0.044	8:16	0.051	8:17	0.039	8:15	0.048
6	8:30	0.039	8:31	0.047	8:32	0.035	8:30	0.046
7	8:48	0.046	8:47	0.054	8:45	0.043	8:48	0.054
8	9:02	0.047	9:00	0.049	9:00	0.041	9:01	0.053
9	9:15	0.042	9:16	0.044	9:16	0.039	9:15	0.051
10	9:31	0.041	9:32	0.051	9:33	0.039	9:31	0.049
11	9:45	0.043	9:46	0.053	9:47	0.037	9:45	0.051
12	10:00	0.040	10:01	0.048	10:01	0.042	10:00	0.050
13	10:16	0.042	10:15	0.044	10:15	0.042	10:16	0.052
14	10:30	0.039	10:31	0.042	10:32	0.046	10:30	0.050
15	10:46	0.041	10:48	0.052	10:49	0.038	10:46	0.052
16	11:08	0.038	11:01	0.055	11:02	0.050	11:00	0.048
17	12:30	0.021	12:31	0.014	12:32	0.030	12:30	0.024
18	12:46	0.029	12:48	0.018	12:47	0.019	12:46	0.031
19	13:00	0.031	13:09	0.023	13:10	0.016	13:01	0.036
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Time	6:38	8:40	13:15					
Wind Direction	none	none	W					
Avg. Wind Speed	0	0	8.5					[mph]
Temperature	71.5	77.4	84.8					[°F]

Comments: Work began at 7:30am and finished at approximately 12:50pm.
Tent enclosure pressure = -0.011" w.c. at 8:30am, = -0.012" w.c. at 10:06am, and = -0.011" w.c. at 12:20pm.

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

Recorded By: Henry Jaquez Date: 9/25/2014

Reviewed By: Nick Somogyi Date: 9/25/2014

Test 006

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	09/25/2014
Instrument S/N	8533132902	Start Time	06:26:50
		Stop Date	09/25/2014
		Stop Time	13:56:50
		Total Time	0:07:30:00
		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	09/25/2014	06:41:50	0.052	0.055	0.057	0.060	0.061
2	09/25/2014	06:56:50	0.077	0.082	0.083	0.086	0.087
3	09/25/2014	07:11:50	0.043	0.048	0.050	0.054	0.055
4	09/25/2014	07:26:50	0.043	0.047	0.048	0.052	0.052
5	09/25/2014	07:41:50	0.040	0.044	0.045	0.050	0.050
6	09/25/2014	07:56:50	0.041	0.045	0.047	0.051	0.051
7	09/25/2014	08:11:50	0.043	0.046	0.048	0.052	0.052
8	09/25/2014	08:26:50	0.039	0.042	0.044	0.048	0.048
9	09/25/2014	08:41:50	0.041	0.044	0.046	0.050	0.050
10	09/25/2014	08:56:50	0.040	0.043	0.044	0.048	0.048
11	09/25/2014	09:11:50	0.037	0.040	0.041	0.045	0.045
12	09/25/2014	09:26:50	0.032	0.034	0.035	0.038	0.038
13	09/25/2014	09:41:50	0.037	0.039	0.041	0.045	0.045
14	09/25/2014	09:56:50	0.039	0.042	0.044	0.048	0.049
15	09/25/2014	10:11:50	0.039	0.042	0.044	0.049	0.049
16	09/25/2014	10:26:50	0.035	0.038	0.039	0.042	0.042
17	09/25/2014	10:41:50	0.032	0.034	0.035	0.039	0.039
18	09/25/2014	10:56:50	0.032	0.034	0.035	0.038	0.038
19	09/25/2014	11:11:50	0.033	0.035	0.036	0.039	0.039
20	09/25/2014	11:26:50	0.027	0.030	0.031	0.033	0.034
21	09/25/2014	11:41:50	0.026	0.028	0.030	0.033	0.033
22	09/25/2014	11:56:50	0.023	0.026	0.027	0.030	0.030
23	09/25/2014	12:11:50	0.019	0.021	0.022	0.024	0.024
24	09/25/2014	12:26:50	0.017	0.019	0.020	0.023	0.023
25	09/25/2014	12:41:50	0.015	0.017	0.017	0.019	0.019
26	09/25/2014	12:56:50	0.017	0.018	0.019	0.021	0.021
27	09/25/2014	13:11:50	0.017	0.018	0.019	0.021	0.021
28	09/25/2014	13:26:50	0.018	0.019	0.020	0.023	0.023
29	09/25/2014	13:41:50	0.015	0.017	0.017	0.020	0.020
30	09/25/2014	13:56:50	0.016	0.017	0.018	0.020	0.020

Test 011

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/25/2014
Instrument S/N	8530141008	Start Time	06:23:11
		Stop Date	09/25/2014
		Stop Time	13:53:11
		Total Time	0:07:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/25/2014	06:38:11	0.048
2	09/25/2014	06:53:11	0.145
3	09/25/2014	07:08:11	0.056
4	09/25/2014	07:23:11	0.059
5	09/25/2014	07:38:11	0.056
6	09/25/2014	07:53:11	0.056
7	09/25/2014	08:08:11	0.062
8	09/25/2014	08:23:11	0.053
9	09/25/2014	08:38:11	0.056
10	09/25/2014	08:53:11	0.054
11	09/25/2014	09:08:11	0.051
12	09/25/2014	09:23:11	0.043
13	09/25/2014	09:38:11	0.043
14	09/25/2014	09:53:11	0.047
15	09/25/2014	10:08:11	0.048
16	09/25/2014	10:23:11	0.046
17	09/25/2014	10:38:11	0.039
18	09/25/2014	10:53:11	0.037
19	09/25/2014	11:08:11	0.040
20	09/25/2014	11:23:11	0.035
21	09/25/2014	11:38:11	0.029
22	09/25/2014	11:53:11	0.028
23	09/25/2014	12:08:11	0.021
24	09/25/2014	12:23:11	0.016
25	09/25/2014	12:38:11	0.015
26	09/25/2014	12:53:11	0.017
27	09/25/2014	13:08:11	0.018
28	09/25/2014	13:23:11	0.018
29	09/25/2014	13:38:11	0.016
30	09/25/2014	13:53:11	0.014

Test 011

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/25/2014
Instrument S/N	8530100906	Start Time	06:17:26
		Stop Date	09/25/2014
		Stop Time	13:47:26
		Total Time	0:07:30:00
		Logging Interval	900 seconds

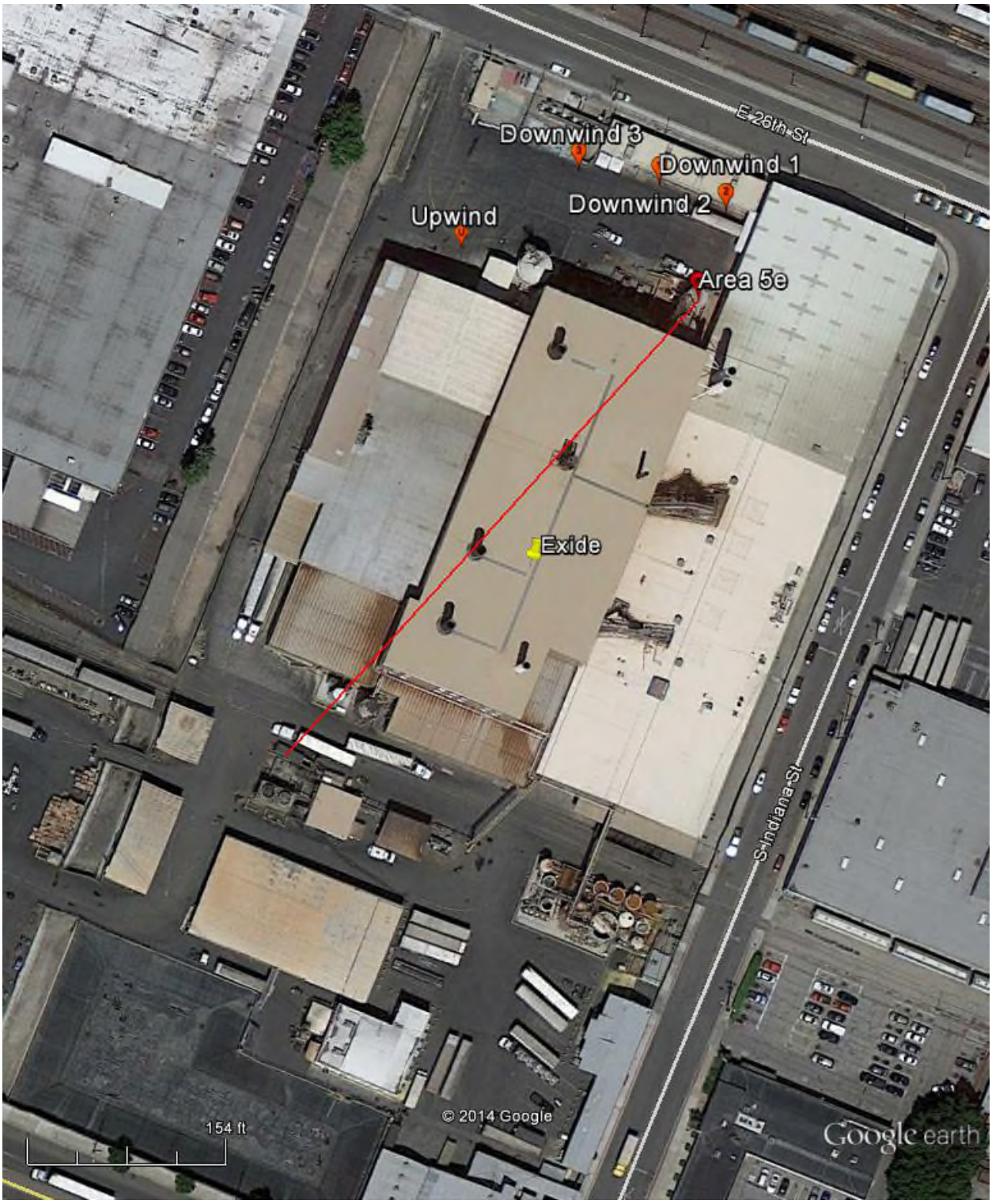
Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/25/2014	06:32:26	0.032
2	09/25/2014	06:47:26	0.092
3	09/25/2014	07:02:26	0.045
4	09/25/2014	07:17:26	0.042
5	09/25/2014	07:32:26	0.040
6	09/25/2014	07:47:26	0.040
7	09/25/2014	08:02:26	0.044
8	09/25/2014	08:17:26	0.041
9	09/25/2014	08:32:26	0.042
10	09/25/2014	08:47:26	0.043
11	09/25/2014	09:02:26	0.042
12	09/25/2014	09:17:26	0.040
13	09/25/2014	09:32:26	0.037
14	09/25/2014	09:47:26	0.040
15	09/25/2014	10:02:26	0.040
16	09/25/2014	10:17:26	0.041
17	09/25/2014	10:32:26	0.037
18	09/25/2014	10:47:26	0.035
19	09/25/2014	11:02:26	0.037
20	09/25/2014	11:17:26	0.038
21	09/25/2014	11:32:26	0.034
22	09/25/2014	11:47:26	0.033
23	09/25/2014	12:02:26	0.030
24	09/25/2014	12:17:26	0.028
25	09/25/2014	12:32:26	0.027
26	09/25/2014	12:47:26	0.028
27	09/25/2014	13:02:26	0.029
28	09/25/2014	13:17:26	0.029
29	09/25/2014	13:32:26	0.029
30	09/25/2014	13:47:26	0.027

Test 009

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/25/2014
Instrument S/N	8530113011	Start Time	06:32:30
		Stop Date	09/25/2014
		Stop Time	13:47:30
		Total Time	0:07:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/25/2014	06:47:30	0.117
2	09/25/2014	07:02:30	0.055
3	09/25/2014	07:17:30	0.055
4	09/25/2014	07:32:30	0.052
5	09/25/2014	07:47:30	0.051
6	09/25/2014	08:02:30	0.057
7	09/25/2014	08:17:30	0.052
8	09/25/2014	08:32:30	0.053
9	09/25/2014	08:47:30	0.056
10	09/25/2014	09:02:30	0.054
11	09/25/2014	09:17:30	0.051
12	09/25/2014	09:32:30	0.046
13	09/25/2014	09:47:30	0.054
14	09/25/2014	10:02:30	0.055
15	09/25/2014	10:17:30	0.056
16	09/25/2014	10:32:30	0.049
17	09/25/2014	10:47:30	0.046
18	09/25/2014	11:02:30	0.048
19	09/25/2014	11:17:30	0.048
20	09/25/2014	11:32:30	0.040
21	09/25/2014	11:47:30	0.040
22	09/25/2014	12:02:30	0.032
23	09/25/2014	12:17:30	0.027
24	09/25/2014	12:32:30	0.026
25	09/25/2014	12:47:30	0.025
26	09/25/2014	13:02:30	0.027
27	09/25/2014	13:17:30	0.026
28	09/25/2014	13:32:30	0.027
29	09/25/2014	13:47:30	0.021

Monitoring Results / Reports
(September 26, 2014)



EX 5e REPAIR AREA
DUST TRAK MONITORING LOCATIONS

TETRA TECH BAS

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

Date: 9/26/2014 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.: 8530141008		Serial No.: 8530113011		Serial No.: 8530100906		Serial No.: 8533132902	
	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)
1	7:00	0.038	7:01	0.037	7:02	0.032	7:00	0.039
2	7:19	0.040	7:21	0.049	7:21	0.029	7:19	0.041
3	7:32	0.043	7:34	0.040	7:33	0.037	7:32	0.043
4	7:45	0.044	7:46	0.027	7:46	0.026	7:45	0.039
5	8:16	0.041	8:17	0.030	8:18	0.030	8:16	0.037
6	8:30	0.040	8:31	0.042	8:32	0.033	8:30	0.039
7	9:15	0.039	9:16	0.034	9:16	0.032	9:15	0.036
8	9:30	0.034	9:31	0.033	9:32	0.030	9:30	0.031
9	9:46	0.031	9:47	0.022	9:47	0.023	9:46	0.021
10	10:01	0.026	10:03	0.027	10:04	0.027	10:01	0.029
11	10:20	0.030	10:21	0.027	10:21	0.024	10:20	0.027
12	10:35	0.027	10:37	0.022	10:37	0.025	10:35	0.021
13	12:03	0.021	12:04	0.024	12:05	0.029	12:03	0.023
14	12:15	0.018	12:17	0.024	12:16	0.026	12:15	0.022
15	12:37	0.015	12:36	0.019	12:36	0.017	12:38	0.023
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Time	7:30	10:20	12:14					
Wind Direction	none	none	SW					
Avg. Wind Speed	0	0	4.5					[mph]
Temperature	72.5	78.5	86					[°F]

Comments: Tent enclosure pressure = -0.011" w.c. at 6:55am, = -0.009" w.c. at 11:45am.

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

Recorded By: Henry Jaquez Date: 9/26/2014

Reviewed By: Nick Somogyi Date: 9/26/2014

Test 012

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/26/2014
Instrument S/N	8530141008	Start Time	06:46:34
		Stop Date	09/26/2014
		Stop Time	12:31:34
		Total Time	0:05:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/26/2014	07:01:34	0.041
2	09/26/2014	07:16:34	0.038
3	09/26/2014	07:31:34	0.042
4	09/26/2014	07:46:34	0.040
5	09/26/2014	08:01:34	0.039
6	09/26/2014	08:16:34	0.033
7	09/26/2014	08:31:34	0.034
8	09/26/2014	08:46:34	0.035
9	09/26/2014	09:01:34	0.038
10	09/26/2014	09:16:34	0.041
11	09/26/2014	09:31:34	0.039
12	09/26/2014	09:46:34	0.036
13	09/26/2014	10:01:34	0.031
14	09/26/2014	10:16:34	0.026
15	09/26/2014	10:31:34	0.030
16	09/26/2014	10:46:34	0.032
17	09/26/2014	11:01:34	0.026
18	09/26/2014	11:16:34	0.022
19	09/26/2014	11:31:34	0.026
20	09/26/2014	11:46:34	0.027
21	09/26/2014	12:01:34	0.024
22	09/26/2014	12:16:34	0.020
23	09/26/2014	12:31:34	0.019

Test 010

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/26/2014
Instrument S/N	8530113011	Start Time	06:44:31
		Stop Date	09/26/2014
		Stop Time	12:29:31
		Total Time	0:05:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/26/2014	06:59:31	0.028
2	09/26/2014	07:14:31	0.028
3	09/26/2014	07:29:31	0.037
4	09/26/2014	07:44:31	0.034
5	09/26/2014	07:59:31	0.034
6	09/26/2014	08:14:31	0.029
7	09/26/2014	08:29:31	0.028
8	09/26/2014	08:44:31	0.030
9	09/26/2014	08:59:31	0.033
10	09/26/2014	09:14:31	0.035
11	09/26/2014	09:29:31	0.035
12	09/26/2014	09:44:31	0.032
13	09/26/2014	09:59:31	0.028
14	09/26/2014	10:14:31	0.024
15	09/26/2014	10:29:31	0.025
16	09/26/2014	10:44:31	0.029
17	09/26/2014	10:59:31	0.026
18	09/26/2014	11:14:31	0.021
19	09/26/2014	11:29:31	0.025
20	09/26/2014	11:44:31	0.027
21	09/26/2014	11:59:31	0.026
22	09/26/2014	12:14:31	0.022
23	09/26/2014	12:29:31	0.021

Test 012

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/26/2014
Instrument S/N	8530100906	Start Time	06:40:43
		Stop Date	09/26/2014
		Stop Time	12:25:43
		Total Time	0:05:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/26/2014	06:55:43	0.025
2	09/26/2014	07:10:43	0.024
3	09/26/2014	07:25:43	0.028
4	09/26/2014	07:40:43	0.031
5	09/26/2014	07:55:43	0.030
6	09/26/2014	08:10:43	0.029
7	09/26/2014	08:25:43	0.026
8	09/26/2014	08:40:43	0.028
9	09/26/2014	08:55:43	0.031
10	09/26/2014	09:10:43	0.032
11	09/26/2014	09:25:43	0.032
12	09/26/2014	09:40:43	0.030
13	09/26/2014	09:55:43	0.027
14	09/26/2014	10:10:43	0.024
15	09/26/2014	10:25:43	0.025
16	09/26/2014	10:40:43	0.026
17	09/26/2014	10:55:43	0.026
18	09/26/2014	11:10:43	0.022
19	09/26/2014	11:25:43	0.024
20	09/26/2014	11:40:43	0.026
21	09/26/2014	11:55:43	0.025
22	09/26/2014	12:10:43	0.024
23	09/26/2014	12:25:43	0.024

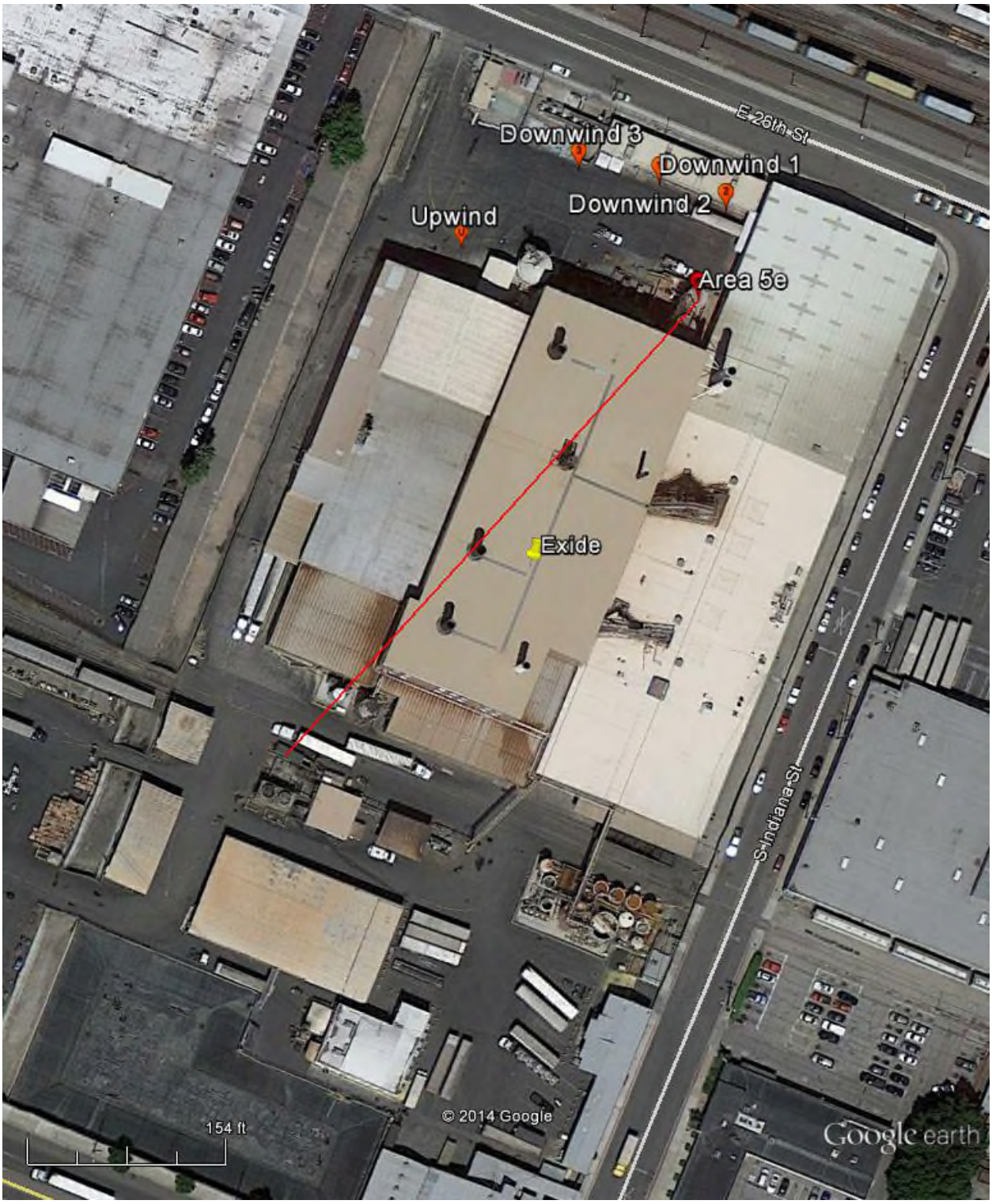
Test 007

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	09/26/2014
Instrument S/N	8533132902	Start Time	06:49:12
		Stop Date	09/26/2014
		Stop Time	12:19:12
		Total Time	0:05:30:00
		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	09/26/2014	07:04:12	0.028	0.033	0.035	0.036	0.036
2	09/26/2014	07:19:12	0.029	0.034	0.035	0.037	0.037
3	09/26/2014	07:34:12	0.032	0.037	0.038	0.040	0.040
4	09/26/2014	07:49:12	0.029	0.033	0.034	0.036	0.036
5	09/26/2014	08:04:12	0.029	0.033	0.034	0.035	0.036
6	09/26/2014	08:19:12	0.025	0.028	0.029	0.032	0.032
7	09/26/2014	08:34:12	0.026	0.029	0.031	0.034	0.034
8	09/26/2014	08:49:12	0.027	0.030	0.031	0.034	0.034
9	09/26/2014	09:04:12	0.028	0.031	0.033	0.035	0.035
10	09/26/2014	09:19:12	0.029	0.032	0.034	0.036	0.036
11	09/26/2014	09:34:12	0.026	0.029	0.030	0.032	0.032
12	09/26/2014	09:49:12	0.024	0.027	0.028	0.030	0.030
13	09/26/2014	10:04:12	0.022	0.024	0.025	0.028	0.028
14	09/26/2014	10:19:12	0.019	0.021	0.022	0.024	0.024
15	09/26/2014	10:34:12	0.021	0.024	0.024	0.026	0.026
16	09/26/2014	10:49:12	0.022	0.025	0.026	0.028	0.028
17	09/26/2014	11:04:12	0.017	0.019	0.020	0.022	0.022
18	09/26/2014	11:19:12	0.017	0.019	0.020	0.022	0.022
19	09/26/2014	11:34:12	0.020	0.022	0.023	0.025	0.025
20	09/26/2014	11:49:12	0.020	0.022	0.023	0.025	0.025
21	09/26/2014	12:04:12	0.018	0.020	0.021	0.022	0.022
22	09/26/2014	12:19:12	0.016	0.018	0.019	0.021	0.021

Monitoring Results / Reports
(September 29, 2014)



EX 5e REPAIR AREA
DUST TRAK MONITORING LOCATIONS

TETRA TECH BAS

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

Date: 9/29/2014 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.: 8530141008		Serial No.: 8530100906		Serial No.: 8530113011		Serial No.: 8533132902	
	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)
1	5:31	0.043	5:39	0.049	5:27	0.025	5:36	0.040
2	5:59	0.048	5:56	0.053	5:57	0.028	5:09	0.047
3	6:38	0.063	6:38	0.057	6:40	0.033	6:38	0.048
4	6:55	0.060	6:57	0.061	7:01	0.040	6:56	0.049
5	7:40	0.047	7:37	0.056	7:37	0.030	7:39	0.044
6	7:52	0.048	7:49	0.072	7:49	0.027	7:52	0.049
7	8:13	0.045	8:14	0.052	8:15	0.029	8:13	0.042
8	8:31	0.046	8:29	0.046	8:30	0.027	8:30	0.036
9	8:52	0.068	8:49	0.061	8:50	0.044	8:52	0.055
10	9:06	0.064	9:07	0.059	9:09	0.041	9:07	0.053
11	9:41	0.042	9:39	0.043	9:35	0.035	9:41	0.032
12	9:55	0.037	9:51	0.039	9:53	0.021	9:55	0.032
13	10:10	0.034	10:09	0.035	10:09	0.019	10:10	0.028
14	10:30	0.024	10:29	0.034	10:29	0.016	10:30	0.029
15	10:46	0.029	10:45	0.035	10:44	0.017	10:46	0.025
16	11:00	0.030	10:51	0.037	10:52	0.018	10:55	0.028
17	11:13	0.033	11:09	0.040	11:11	0.026	11:12	0.034
18	11:37	0.039	11:36	0.043	11:35	0.026	11:36	0.036
19	11:53	0.026	11:52	0.036	11:52	0.019	11:53	0.031
20	12:12	0.023	12:10	0.035	12:10	0.016	12:11	0.024
21	12:26	0.022	12:25	0.035	12:25	0.018	12:26	0.021
22	12:47	0.023	12:45	0.035	12:43	0.017	12:46	0.023
23	1:05	0.024	1:03	0.036	1:03	0.017	1:04	0.021
24	1:30	0.020	1:28	0.036	1:28	0.024	1:30	0.025
25								
26								
27								
28								
29								
30								
31								
32								

Time	5:45	9:05	11:19					
Wind Direction	none	none	WSW					
Avg. Wind Speed	0	0	3.6					[mph]
Temperature	70.7	69	74.1					[°F]

Comments: Tent enclosure pressure = -0.059" w.c. at 7:03am, = -0.058" w.c. at 8:46am.

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

Recorded By: Henry Jaquez Date: 9/29/2014

Reviewed By: Nick Somogyi Date: 9/29/2014

Test 013

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/29/2014
Instrument S/N	8530141008	Start Time	05:30:02
		Stop Date	09/29/2014
		Stop Time	13:30:02
		Total Time	0:08:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/29/2014	05:45:02	0.045
2	09/29/2014	06:00:02	0.054
3	09/29/2014	06:15:02	0.050
4	09/29/2014	06:30:02	0.056
5	09/29/2014	06:45:02	0.058
6	09/29/2014	07:00:02	0.062
7	09/29/2014	07:15:02	0.058
8	09/29/2014	07:30:02	0.055
9	09/29/2014	07:45:02	0.051
10	09/29/2014	08:00:02	0.054
11	09/29/2014	08:15:02	0.043
12	09/29/2014	08:30:02	0.046
13	09/29/2014	08:45:02	0.050
14	09/29/2014	09:00:02	0.063
15	09/29/2014	09:15:02	0.066
16	09/29/2014	09:30:02	0.059
17	09/29/2014	09:45:02	0.050
18	09/29/2014	10:00:02	0.041
19	09/29/2014	10:15:02	0.038
20	09/29/2014	10:30:02	0.030
21	09/29/2014	10:45:02	0.029
22	09/29/2014	11:00:02	0.030
23	09/29/2014	11:15:02	0.031
24	09/29/2014	11:30:02	0.032
25	09/29/2014	11:45:02	0.036
26	09/29/2014	12:00:02	0.029
27	09/29/2014	12:15:02	0.024
28	09/29/2014	12:30:02	0.025
29	09/29/2014	12:45:02	0.027
30	09/29/2014	13:00:02	0.022
31	09/29/2014	13:15:02	0.022
32	09/29/2014	13:30:02	0.021

Test 013

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/29/2014
Instrument S/N	8530100906	Start Time	05:38:34
		Stop Date	09/29/2014
		Stop Time	13:23:34
		Total Time	0:07:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/29/2014	05:53:34	0.048
2	09/29/2014	06:08:34	0.050
3	09/29/2014	06:23:34	0.053
4	09/29/2014	06:38:34	0.052
5	09/29/2014	06:53:34	0.057
6	09/29/2014	07:08:34	0.057
7	09/29/2014	07:23:34	0.053
8	09/29/2014	07:38:34	0.058
9	09/29/2014	07:53:34	0.055
10	09/29/2014	08:08:34	0.051
11	09/29/2014	08:23:34	0.051
12	09/29/2014	08:38:34	0.048
13	09/29/2014	08:53:34	0.056
14	09/29/2014	09:08:34	0.060
15	09/29/2014	09:23:34	0.058
16	09/29/2014	09:38:34	0.052
17	09/29/2014	09:53:34	0.041
18	09/29/2014	10:08:34	0.042
19	09/29/2014	10:23:34	0.036
20	09/29/2014	10:38:34	0.035
21	09/29/2014	10:53:34	0.037
22	09/29/2014	11:08:34	0.036
23	09/29/2014	11:23:34	0.040
24	09/29/2014	11:38:34	0.039
25	09/29/2014	11:53:34	0.039
26	09/29/2014	12:08:34	0.038
27	09/29/2014	12:23:34	0.035
28	09/29/2014	12:38:34	0.036
29	09/29/2014	12:53:34	0.034
30	09/29/2014	13:08:34	0.034
31	09/29/2014	13:23:34	0.033

Test 011

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/29/2014
Instrument S/N	8530113011	Start Time	05:26:11
		Stop Date	09/29/2014
		Stop Time	13:26:11
		Total Time	0:08:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/29/2014	05:41:11	0.026
2	09/29/2014	05:56:11	0.028
3	09/29/2014	06:11:11	0.027
4	09/29/2014	06:26:11	0.028
5	09/29/2014	06:41:11	0.028
6	09/29/2014	06:56:11	0.033
7	09/29/2014	07:11:11	0.037
8	09/29/2014	07:26:11	0.028
9	09/29/2014	07:41:11	0.030
10	09/29/2014	07:56:11	0.028
11	09/29/2014	08:11:11	0.030
12	09/29/2014	08:26:11	0.029
13	09/29/2014	08:41:11	0.029
14	09/29/2014	08:56:11	0.038
15	09/29/2014	09:11:11	0.042
16	09/29/2014	09:26:11	0.041
17	09/29/2014	09:41:11	0.035
18	09/29/2014	09:56:11	0.024
19	09/29/2014	10:11:11	0.024
20	09/29/2014	10:26:11	0.018
21	09/29/2014	10:41:11	0.017
22	09/29/2014	10:56:11	0.018
23	09/29/2014	11:11:11	0.019
24	09/29/2014	11:26:11	0.022
25	09/29/2014	11:41:11	0.021
26	09/29/2014	11:56:11	0.020
27	09/29/2014	12:11:11	0.020
28	09/29/2014	12:26:11	0.018
29	09/29/2014	12:41:11	0.020
30	09/29/2014	12:56:11	0.018
31	09/29/2014	13:11:11	0.019
32	09/29/2014	13:26:11	0.019

Test 008

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	09/29/2014
Instrument S/N	8533132902	Start Time	05:34:47
		Stop Date	09/29/2014
		Stop Time	13:34:47
		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	09/29/2014	05:49:47	0.033	0.038	0.039	0.041	0.041
2	09/29/2014	06:04:47	0.036	0.040	0.041	0.044	0.044
3	09/29/2014	06:19:47	0.040	0.045	0.046	0.049	0.049
4	09/29/2014	06:34:47	0.037	0.041	0.043	0.046	0.046
5	09/29/2014	06:49:47	0.041	0.046	0.047	0.049	0.049
6	09/29/2014	07:04:47	0.043	0.047	0.048	0.050	0.050
7	09/29/2014	07:19:47	0.040	0.045	0.046	0.048	0.048
8	09/29/2014	07:34:47	0.043	0.047	0.049	0.057	0.057
9	09/29/2014	07:49:47	0.041	0.045	0.047	0.051	0.051
10	09/29/2014	08:04:47	0.037	0.040	0.042	0.045	0.045
11	09/29/2014	08:19:47	0.035	0.038	0.039	0.040	0.040
12	09/29/2014	08:34:47	0.033	0.037	0.038	0.039	0.039
13	09/29/2014	08:49:47	0.038	0.042	0.043	0.045	0.045
14	09/29/2014	09:04:47	0.047	0.051	0.052	0.055	0.055
15	09/29/2014	09:19:47	0.044	0.048	0.049	0.051	0.051
16	09/29/2014	09:34:47	0.040	0.044	0.045	0.046	0.046
17	09/29/2014	09:49:47	0.031	0.035	0.035	0.037	0.037
18	09/29/2014	10:04:47	0.029	0.032	0.033	0.034	0.034
19	09/29/2014	10:19:47	0.025	0.028	0.028	0.029	0.029
20	09/29/2014	10:34:47	0.022	0.024	0.025	0.026	0.026
21	09/29/2014	10:49:47	0.022	0.025	0.025	0.026	0.026
22	09/29/2014	11:04:47	0.023	0.026	0.026	0.027	0.027
23	09/29/2014	11:19:47	0.026	0.029	0.029	0.030	0.030
24	09/29/2014	11:34:47	0.026	0.028	0.029	0.030	0.030
25	09/29/2014	11:49:47	0.026	0.028	0.029	0.030	0.030
26	09/29/2014	12:04:47	0.023	0.026	0.027	0.028	0.028
27	09/29/2014	12:19:47	0.020	0.022	0.023	0.024	0.024
28	09/29/2014	12:34:47	0.021	0.023	0.023	0.024	0.024
29	09/29/2014	12:49:47	0.022	0.024	0.024	0.025	0.025
30	09/29/2014	13:04:47	0.019	0.021	0.021	0.022	0.022
31	09/29/2014	13:19:47	0.020	0.022	0.022	0.023	0.023
32	09/29/2014	13:34:47	0.019	0.021	0.022	0.022	0.022

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

9/29/2014 Work Area 5f - MH-F
Dust Trak Monitoring Locations

TETRA TECH BAS

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

Date: 9/29/2014 Work Activity / Location: 5f - Manhole F

Cycle Reading No.	Upwind 1 Location: U-1 Serial No.: 8530110315		Downwind 1 Location: D-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	7:42	0.039	7:43	0.039				
2	7:59	0.039	8:01	0.038				
3	8:14	0.039	8:15	0.031				
4	8:29	0.044	8:31	0.035				
5	8:44	0.051	8:45	0.042				
6	8:59	0.061	9:01	0.044				
7	9:15	0.054	9:16	0.040				
8	9:29	0.050	9:30	0.038	Truck passed at 9:30			
9	9:46	0.038	9:47	0.027				
10	9:59	0.033	10:00	0.028				
11	10:14	0.033	10:15	0.025				
12	10:31	0.028	10:32	0.019	Truck passed at 10:23			
13	10:45	0.027	10:46	0.019				
14	10:59	0.029	11:00	0.021				
15	11:14	0.030	11:15	0.024				
16	12:18	0.023	12:19	0.019				
17	12:37	0.024	12:38	0.016				
18	12:47	0.023	12:48	0.016				
19	13:00	0.021	13:01	0.015				
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Time	7:20	9:30	12:20					
Wind Direction	WSW	WSW	WSW					
Avg. Wind Speed	0	0	3					[mph]
Temperature	71	69.8	76.5					[°F]

Comments: Work began at 7:15am and finished at 11:15am.

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

Recorded By: Teri Daigle / Ralph De La Parra Date: 9/29/2014

Reviewed By: Nick Somogyi Date: 9/29/2014

Test 005

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/29/2014
Instrument S/N	8530110315	Start Time	07:37:11
		Stop Date	09/29/2014
		Stop Time	13:07:11
		Total Time	0:05:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/29/2014	07:52:11	0.040
2	09/29/2014	08:07:11	0.039
3	09/29/2014	08:22:11	0.040
4	09/29/2014	08:37:11	0.046
5	09/29/2014	08:52:11	0.056
6	09/29/2014	09:07:11	0.059
7	09/29/2014	09:22:11	0.053
8	09/29/2014	09:37:11	0.047
9	09/29/2014	09:52:11	0.036
10	09/29/2014	10:07:11	0.033
11	09/29/2014	10:22:11	0.028
12	09/29/2014	10:37:11	0.027
13	09/29/2014	10:52:11	0.028
14	09/29/2014	11:07:11	0.029
15	09/29/2014	11:22:11	0.030
16	09/29/2014	11:37:11	0.030
17	09/29/2014	11:52:11	0.028
18	09/29/2014	12:07:11	0.027
19	09/29/2014	12:22:11	0.025
20	09/29/2014	12:37:11	0.024
21	09/29/2014	12:52:11	0.023
22	09/29/2014	13:07:11	0.021

Test 007

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	09/29/2014
Instrument S/N	8533133501	Start Time	07:32:33
		Stop Date	09/29/2014
		Stop Time	13:02:33
		Total Time	0:05:30:00
		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	09/29/2014	07:47:33	0.032	0.034	0.036	0.039	0.041
2	09/29/2014	08:02:33	0.030	0.031	0.033	0.035	0.035
3	09/29/2014	08:17:33	0.028	0.030	0.031	0.033	0.034
4	09/29/2014	08:32:33	0.028	0.029	0.030	0.032	0.032
5	09/29/2014	08:47:33	0.035	0.036	0.038	0.040	0.041
6	09/29/2014	09:02:33	0.040	0.042	0.043	0.047	0.048
7	09/29/2014	09:17:33	0.038	0.039	0.041	0.043	0.044
8	09/29/2014	09:32:33	0.032	0.034	0.035	0.036	0.037
9	09/29/2014	09:47:33	0.026	0.027	0.028	0.029	0.029
10	09/29/2014	10:02:33	0.023	0.024	0.025	0.026	0.026
11	09/29/2014	10:17:33	0.018	0.019	0.020	0.021	0.021
12	09/29/2014	10:32:33	0.017	0.018	0.019	0.020	0.021
13	09/29/2014	10:47:33	0.017	0.018	0.019	0.020	0.020
14	09/29/2014	11:02:33	0.018	0.019	0.020	0.021	0.021
15	09/29/2014	11:17:33	0.018	0.019	0.020	0.021	0.022
16	09/29/2014	11:32:33	0.018	0.019	0.020	0.021	0.022
17	09/29/2014	11:47:33	0.017	0.018	0.019	0.020	0.021
18	09/29/2014	12:02:33	0.016	0.017	0.018	0.020	0.020
19	09/29/2014	12:17:33	0.015	0.016	0.017	0.018	0.018
20	09/29/2014	12:32:33	0.014	0.015	0.016	0.017	0.017
21	09/29/2014	12:47:33	0.013	0.014	0.015	0.016	0.016
22	09/29/2014	13:02:33	0.013	0.013	0.014	0.015	0.015

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

9/29/2014 Work Area 5f - MH-G
Dust Trak Monitoring Locations

TETRA TECH BAS

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

Date: 9/29/2014 Work Activity / Location: 5f - Manhole G

Cycle Reading No.	Upwind 1 Location: U-2 Serial No.: 8530113811		Downwind 1 Location: D-2 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	12:35	0.024	12:37	0.024				
2	12:45	0.024	12:46	0.024				
3	13:00	0.023	13:01	0.022				
4	13:15	0.024	13:16	0.023				
5	13:30	0.020	13:31	0.021				
6	13:51	0.022	13:52	0.021				
7	14:03	0.024	14:04	0.023				
8	14:16	0.023	14:17	0.021				
9	14:35	0.025	14:35	0.022				
10	14:49	0.023	14:49	0.022				
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Time	13:55							
Wind Direction	WSW							
Avg. Wind Speed	2.5							[mph]
Temperature	80							[°F]

Comments: Work began at approximately 12pm and finished at approximately 2:45pm.

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

Recorded By: Ralph De La Parra / Teri Daigle Date: 9/29/2014

Reviewed By: Nick Somogyi Date: 9/29/2014

Test 008

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/29/2014
Instrument S/N	8530113811	Start Time	12:27:23
		Stop Date	09/29/2014
		Stop Time	14:42:23
		Total Time	0:02:15:00
		Logging Interval	900 seconds

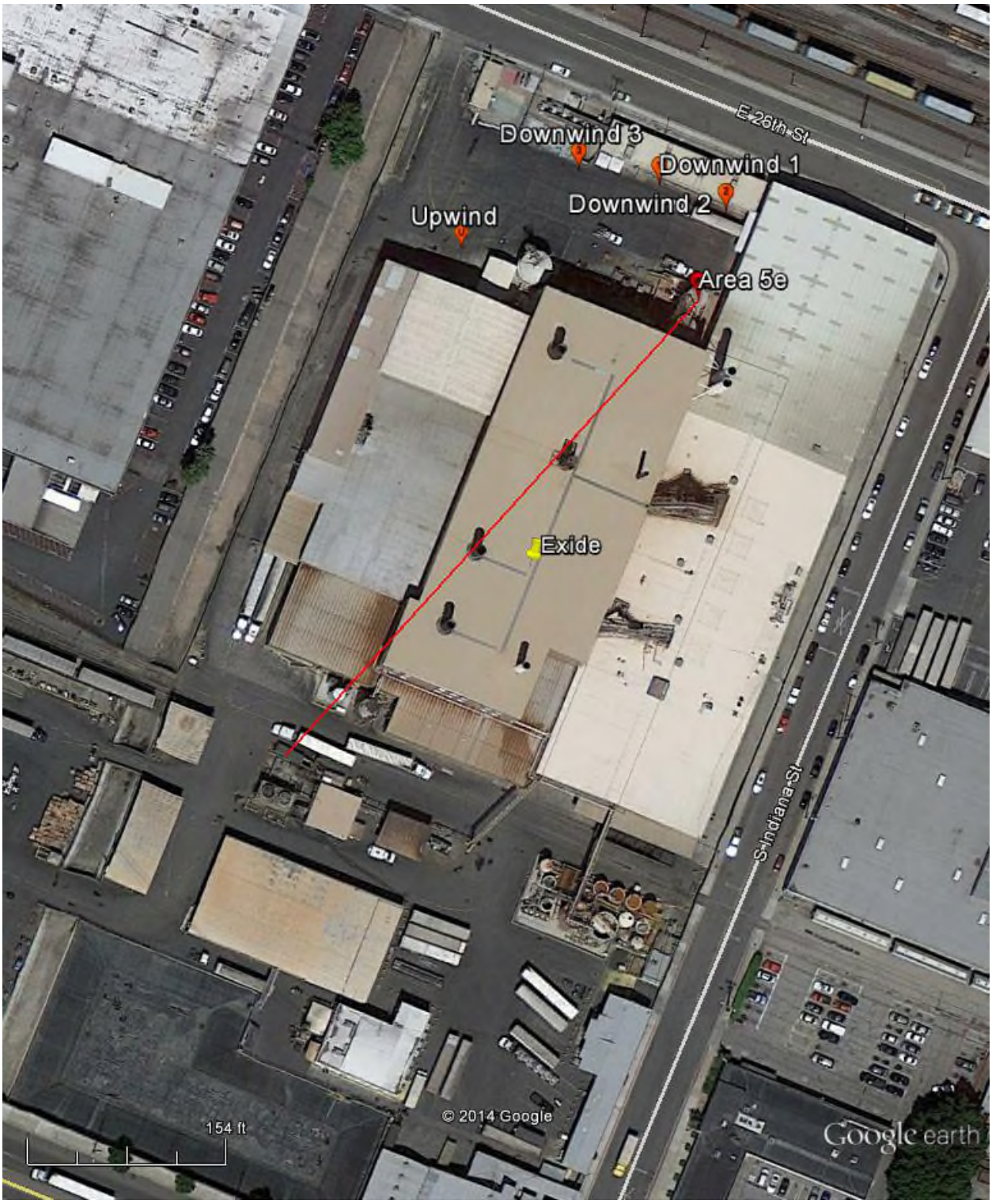
Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/29/2014	12:42:23	0.026
2	09/29/2014	12:57:23	0.023
3	09/29/2014	13:12:23	0.022
4	09/29/2014	13:27:23	0.024
5	09/29/2014	13:42:23	0.022
6	09/29/2014	13:57:23	0.023
7	09/29/2014	14:12:23	0.022
8	09/29/2014	14:27:23	0.023
9	09/29/2014	14:42:23	0.022

Test 007

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/29/2014
Instrument S/N	8530132205	Start Time	12:31:23
		Stop Date	09/29/2014
		Stop Time	14:46:23
		Total Time	0:02:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/29/2014	12:46:23	0.024
2	09/29/2014	13:01:23	0.021
3	09/29/2014	13:16:23	0.021
4	09/29/2014	13:31:23	0.022
5	09/29/2014	13:46:23	0.024
6	09/29/2014	14:01:23	0.022
7	09/29/2014	14:16:23	0.021
8	09/29/2014	14:31:23	0.022
9	09/29/2014	14:46:23	0.022

Monitoring Results / Reports
(September 30, 2014)



EX 5e REPAIR AREA
DUST TRAK MONITORING LOCATIONS

TETRA TECH BAS

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

Date: 9/30/2014 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.: 8530100906		Serial No.: 8530113011		Serial No.: 8530113811		Serial No.: 8530110315	
	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)
1	6:50	0.036	6:50	0.042	6:48	0.040	6:49	0.039
2	7:05	0.033	7:08	0.038	7:09	0.042	7:07	0.040
3	7:23	0.033	7:24	0.039	7:22	0.038	7:24	0.038
4	7:39	0.036	7:38	0.053	7:38	0.052	7:39	0.044
5	7:54	0.038	7:54	0.047	7:53	0.052	7:54	0.043
6	8:12	0.040	8:11	0.043	8:11	0.045	8:11	0.047
7	8:27	0.390	8:26	0.035	8:26	0.044	8:27	0.047
8	8:48	0.310	8:48	0.036	8:47	0.038	8:48	0.036
9	9:11	0.032	9:11	0.036	9:11	0.037	9:11	0.038
10	9:34	0.031	9:34	0.044	9:33	0.039	9:34	0.037
11	9:49	0.034	9:48	0.039	9:48	0.048	9:48	0.039
12	10:04	0.032	10:03	0.043	10:03	0.039	10:03	0.037
13	10:19	0.034	10:18	0.044	10:18	0.045	10:18	0.038
14	10:48	0.035	10:47	0.041	10:47	0.044	10:47	0.044
15	11:01	0.032	11:03	0.043	11:03	0.038	11:01	0.046
16	11:18	0.034	11:16	0.043	11:16	0.038	11:17	0.039
17	11:31	0.038	11:30	0.041	11:30	0.038	11:31	0.038
18	11:45	0.042	11:44	0.040	11:44	0.041	11:45	0.035
19	12:00	0.041	12:01	0.038	12:01	0.040	12:00	0.034
20	12:15	0.044	12:16	0.039	12:16	0.041	12:16	0.031
21	12:30	0.041	12:31	0.037	12:31	0.039	12:30	0.041
22	12:43	0.031	12:44	0.035	12:44	0.032	12:43	0.031
23	13:02	0.030	13:01	0.037	1:01	0.030	13:01	0.033
24	13:21	0.030	13:20	0.038	13:20	0.032	13:21	0.032
25	13:41	0.033	13:40	0.044	13:40	0.038	13:40	0.038
26	13:59	0.032	13:59	0.041	13:59	0.036	13:59	0.036
27	14:08	0.031	14:16	0.037	14:16	0.032	14:19	0.030
28								
29								
30								
31								
32								

Time	7:05	10:10						
Wind Direction	none	none						
Avg. Wind Speed	0	0						[mph]
Temperature	66.7	75.9						[°F]

Comments: Work began at approximately 6:30am and finished at 2:08pm.

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

Recorded By: Henry Jaquez Date: 9/30/2014

Reviewed By: Nick Somogyi Date: 9/30/2014

Test 014

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/30/2014
Instrument S/N	8530100906	Start Time	06:17:59
		Stop Date	09/30/2014
		Stop Time	14:17:59
		Total Time	0:08:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/30/2014	06:32:59	0.034
2	09/30/2014	06:47:59	0.035
3	09/30/2014	07:02:59	0.036
4	09/30/2014	07:17:59	0.033
5	09/30/2014	07:32:59	0.034
6	09/30/2014	07:47:59	0.037
7	09/30/2014	08:02:59	0.037
8	09/30/2014	08:17:59	0.037
9	09/30/2014	08:32:59	0.037
10	09/30/2014	08:47:59	0.032
11	09/30/2014	09:02:59	0.031
12	09/30/2014	09:17:59	0.032
13	09/30/2014	09:32:59	0.032
14	09/30/2014	09:47:59	0.032
15	09/30/2014	10:02:59	0.033
16	09/30/2014	10:17:59	0.033
17	09/30/2014	10:32:59	0.034
18	09/30/2014	10:47:59	0.034
19	09/30/2014	11:02:59	0.037
20	09/30/2014	11:17:59	0.034
21	09/30/2014	11:32:59	0.032
22	09/30/2014	11:47:59	0.032
23	09/30/2014	12:02:59	0.033
24	09/30/2014	12:17:59	0.032
25	09/30/2014	12:32:59	0.031
26	09/30/2014	12:47:59	0.030
27	09/30/2014	13:02:59	0.030
28	09/30/2014	13:17:59	0.031
29	09/30/2014	13:32:59	0.030
30	09/30/2014	13:47:59	0.033
31	09/30/2014	14:02:59	0.032
32	09/30/2014	14:17:59	0.031

Test 012

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/30/2014
Instrument S/N	8530113011	Start Time	06:14:23
		Stop Date	09/30/2014
		Stop Time	14:14:23
		Total Time	0:08:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/30/2014	06:29:23	0.047
2	09/30/2014	06:44:23	0.041
3	09/30/2014	06:59:23	0.043
4	09/30/2014	07:14:23	0.040
5	09/30/2014	07:29:23	0.038
6	09/30/2014	07:44:23	0.042
7	09/30/2014	07:59:23	0.045
8	09/30/2014	08:14:23	0.045
9	09/30/2014	08:29:23	0.045
10	09/30/2014	08:44:23	0.037
11	09/30/2014	08:59:23	0.033
12	09/30/2014	09:14:23	0.036
13	09/30/2014	09:29:23	0.037
14	09/30/2014	09:44:23	0.037
15	09/30/2014	09:59:23	0.040
16	09/30/2014	10:14:23	0.040
17	09/30/2014	10:29:23	0.042
18	09/30/2014	10:44:23	0.042
19	09/30/2014	10:59:23	0.046
20	09/30/2014	11:14:23	0.045
21	09/30/2014	11:29:23	0.041
22	09/30/2014	11:44:23	0.040
23	09/30/2014	11:59:23	0.039
24	09/30/2014	12:14:23	0.040
25	09/30/2014	12:29:23	0.040
26	09/30/2014	12:44:23	0.036
27	09/30/2014	12:59:23	0.037
28	09/30/2014	13:14:23	0.038
29	09/30/2014	13:29:23	0.038
30	09/30/2014	13:44:23	0.044
31	09/30/2014	13:59:23	0.042
32	09/30/2014	14:14:23	0.039

Test 009

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/30/2014
Instrument S/N	8530113811	Start Time	06:11:55
		Stop Date	09/30/2014
		Stop Time	14:11:55
		Total Time	0:08:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/30/2014	06:26:55	0.043
2	09/30/2014	06:41:55	0.044
3	09/30/2014	06:56:55	0.041
4	09/30/2014	07:11:55	0.045
5	09/30/2014	07:26:55	0.039
6	09/30/2014	07:41:55	0.043
7	09/30/2014	07:56:55	0.046
8	09/30/2014	08:11:55	0.048
9	09/30/2014	08:26:55	0.048
10	09/30/2014	08:41:55	0.043
11	09/30/2014	08:56:55	0.035
12	09/30/2014	09:11:55	0.037
13	09/30/2014	09:26:55	0.038
14	09/30/2014	09:41:55	0.038
15	09/30/2014	09:56:55	0.041
16	09/30/2014	10:11:55	0.039
17	09/30/2014	10:26:55	0.041
18	09/30/2014	10:41:55	0.041
19	09/30/2014	10:56:55	0.044
20	09/30/2014	11:11:55	0.046
21	09/30/2014	11:26:55	0.039
22	09/30/2014	11:41:55	0.037
23	09/30/2014	11:56:55	0.036
24	09/30/2014	12:11:55	0.035
25	09/30/2014	12:26:55	0.035
26	09/30/2014	12:41:55	0.031
27	09/30/2014	12:56:55	0.032
28	09/30/2014	13:11:55	0.031
29	09/30/2014	13:26:55	0.032
30	09/30/2014	13:41:55	0.036
31	09/30/2014	13:56:55	0.038
32	09/30/2014	14:11:55	0.035

Test 006

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/30/2014
Instrument S/N	8530110315	Start Time	06:15:58
		Stop Date	09/30/2014
		Stop Time	14:15:58
		Total Time	0:08:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/30/2014	06:30:58	0.043
2	09/30/2014	06:45:58	0.044
3	09/30/2014	07:00:58	0.047
4	09/30/2014	07:15:58	0.041
5	09/30/2014	07:30:58	0.040
6	09/30/2014	07:45:58	0.045
7	09/30/2014	08:00:58	0.044
8	09/30/2014	08:15:58	0.046
9	09/30/2014	08:30:58	0.045
10	09/30/2014	08:45:58	0.037
11	09/30/2014	09:00:58	0.035
12	09/30/2014	09:15:58	0.037
13	09/30/2014	09:30:58	0.037
14	09/30/2014	09:45:58	0.038
15	09/30/2014	10:00:58	0.040
16	09/30/2014	10:15:58	0.040
17	09/30/2014	10:30:58	0.046
18	09/30/2014	10:45:58	0.040
19	09/30/2014	11:00:58	0.047
20	09/30/2014	11:15:58	0.043
21	09/30/2014	11:30:58	0.039
22	09/30/2014	11:45:58	0.037
23	09/30/2014	12:00:58	0.038
24	09/30/2014	12:15:58	0.037
25	09/30/2014	12:30:58	0.035
26	09/30/2014	12:45:58	0.031
27	09/30/2014	13:00:58	0.031
28	09/30/2014	13:15:58	0.032
29	09/30/2014	13:30:58	0.032
30	09/30/2014	13:45:58	0.042
31	09/30/2014	14:00:58	0.036
32	09/30/2014	14:15:58	0.034

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9/30/2014 Work Area 5f - MH-F
Dust Trak Monitoring Locations

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9/30/2014 Work Area 5f - MH-F1
Dust Trak Monitoring Locations

TETRA TECH BAS

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

Date: 9/30/2014 Work Activity / Location: Ref. 5f - Manholes F and F-1

Cycle Reading No.	Upwind 1		Downwind 1		Downwind 2		Downwind 3	
	Location: U-1		Location: D-1		Location:		Location:	
	Serial No.: 8530132205		Serial No.: 8533132902		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	0.047	6:40	0.051				
2	6:56	0.042	6:56	0.042				
3	7:23	0.044	7:23	0.047				
4	7:30	0.047	7:30	0.048				
5	7:51	0.053	7:53	0.046	Monitoring F-1 Manhole.			
6	8:01	0.043	8:01	0.041				
7	8:16	0.038	8:16	0.042				
8	8:30	0.044	8:31	0.043				
9	8:44	0.039	8:45	0.036				
10	8:59	0.034	9:00	0.034				
11	9:16	0.037	9:17	0.032				
12	9:31	0.037	9:31	0.032				
13	9:45	0.039	9:45	0.033				
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: Work began at 6:25am and finished at 9:45am.
Changed U-1 and D-1 to monitor tent enclosure construction over Manhole F-1 near southwest gate. Wind direction observed to be from the North.

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

Recorded By: Teri Daigle Date: 9/30/2014

Reviewed By: Nick Somogyi Date: 9/30/2014

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Vernon, CA 90058

9/30/2014 Work Area Ex43
Dust Trak Monitoring Locations

TETRA TECH BAS

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

Date: 9/30/2014

Work Activity / Location: Ex43 - Above ground piping installation

Cycle Reading No.	Upwind 1		Downwind 1		Downwind 2		Downwind 3	
	Location: U-1		Location: D-1		Location:		Location:	
	Serial No.: 8533132902		Serial No.: 8530132205		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	9:52	0.040	9:53	0.039				
2	10:13	0.034	10:14	0.039				
3	10:31	0.038	10:33	0.037				
4	10:46	0.037	10:47	0.043				
5	11:01	0.038	11:02	0.041				
6	11:16	0.037	11:17	0.040				
7	11:29	0.036	11:31	0.036				
8	11:45	0.033	11:46	0.038				
9	12:00	0.034	12:01	0.034				
10	12:16	0.034	12:18	0.033				
11	12:28	0.034	12:29	0.029				
12	12:44	0.031	12:45	0.031				
13	12:59	0.032	13:01	0.032				
14	13:16	0.033	13:17	0.031				
15	13:29	0.032	13:30	0.036				
16	13:50	0.035	13:51	0.035				
17	14:00	0.034	14:01	0.032				
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Time	9:55	12:05	13:55					
Wind Direction	SW	SW	SW					
Avg. Wind Speed	1	2.5	4.5					[mph]
Temperature	76	82.6	87					[°F]

Comments: Began monitoring work area at 9:45am and finished at 2:00pm when all work was finished for the day.

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

Recorded By: Teri Daigle/Tony Hernandez Date: 9/30/2014

Reviewed By: Nick Somogyi Date: 9/30/2014

Test 008

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/30/2014
Instrument S/N	8530132205	Start Time	06:02:03
		Stop Date	09/30/2014
		Stop Time	13:47:03
		Total Time	0:07:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/30/2014	06:17:03	0.044
2	09/30/2014	06:32:03	0.044
3	09/30/2014	06:47:03	0.048
4	09/30/2014	07:02:03	0.049
5	09/30/2014	07:17:03	0.045
6	09/30/2014	07:32:03	0.045
7	09/30/2014	07:47:03	0.051
8	09/30/2014	08:02:03	0.050
9	09/30/2014	08:17:03	0.043
10	09/30/2014	08:32:03	0.043
11	09/30/2014	08:47:03	0.039
12	09/30/2014	09:02:03	0.035
13	09/30/2014	09:17:03	0.037
14	09/30/2014	09:32:03	0.038
15	09/30/2014	09:47:03	0.037
16	09/30/2014	10:02:03	0.039
17	09/30/2014	10:17:03	0.040
18	09/30/2014	10:32:03	0.040
19	09/30/2014	10:47:03	0.040
20	09/30/2014	11:02:03	0.043
21	09/30/2014	11:17:03	0.040
22	09/30/2014	11:32:03	0.037
23	09/30/2014	11:47:03	0.037
24	09/30/2014	12:02:03	0.037
25	09/30/2014	12:17:03	0.034
26	09/30/2014	12:32:03	0.033
27	09/30/2014	12:47:03	0.031
28	09/30/2014	13:02:03	0.030
29	09/30/2014	13:17:03	0.030
30	09/30/2014	13:32:03	0.030
31	09/30/2014	13:47:03	0.037

Test 009

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	09/30/2014
Instrument S/N	8533132902	Start Time	06:04:36
		Stop Date	09/30/2014
		Stop Time	13:49:36
		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	09/30/2014	06:19:36	0.041	0.045	0.046	0.049	0.050
2	09/30/2014	06:34:36	0.043	0.047	0.048	0.051	0.051
3	09/30/2014	06:49:36	0.045	0.049	0.050	0.053	0.053
4	09/30/2014	07:04:36	0.042	0.046	0.047	0.050	0.050
5	09/30/2014	07:19:36	0.043	0.046	0.047	0.050	0.050
6	09/30/2014	07:34:36	0.041	0.045	0.046	0.049	0.049
7	09/30/2014	07:49:36	0.039	0.042	0.043	0.046	0.046
8	09/30/2014	08:04:36	0.039	0.042	0.043	0.046	0.046
9	09/30/2014	08:19:36	0.036	0.039	0.040	0.043	0.043
10	09/30/2014	08:34:36	0.035	0.038	0.038	0.041	0.041
11	09/30/2014	08:49:36	0.030	0.032	0.033	0.035	0.035
12	09/30/2014	09:04:36	0.029	0.031	0.032	0.034	0.034
13	09/30/2014	09:19:36	0.029	0.031	0.032	0.034	0.035
14	09/30/2014	09:34:36	0.028	0.031	0.032	0.034	0.034
15	09/30/2014	09:49:36	0.029	0.032	0.033	0.035	0.035
16	09/30/2014	10:04:36	0.030	0.032	0.033	0.035	0.035
17	09/30/2014	10:19:36	0.029	0.032	0.033	0.035	0.035
18	09/30/2014	10:34:36	0.030	0.033	0.034	0.036	0.036
19	09/30/2014	10:49:36	0.031	0.034	0.034	0.036	0.036
20	09/30/2014	11:04:36	0.032	0.035	0.036	0.038	0.038
21	09/30/2014	11:19:36	0.030	0.033	0.034	0.036	0.036
22	09/30/2014	11:34:36	0.028	0.030	0.031	0.033	0.033
23	09/30/2014	11:49:36	0.029	0.031	0.032	0.034	0.034
24	09/30/2014	12:04:36	0.029	0.031	0.032	0.034	0.034
25	09/30/2014	12:19:36	0.028	0.030	0.031	0.033	0.033
26	09/30/2014	12:34:36	0.028	0.030	0.031	0.033	0.033
27	09/30/2014	12:49:36	0.027	0.029	0.030	0.032	0.032
28	09/30/2014	13:04:36	0.026	0.027	0.028	0.030	0.030
29	09/30/2014	13:19:36	0.028	0.029	0.030	0.033	0.033
30	09/30/2014	13:34:36	0.028	0.030	0.030	0.032	0.032
31	09/30/2014	13:49:36	0.031	0.033	0.034	0.036	0.036

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9/30/2014 Work Area 5f - MH-G
Dust Trak Monitoring Locations

TETRA TECH BAS

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

Date: 9/30/2014 Work Activity / Location: 5f - Manhole G

Cycle Reading No.	Upwind 1		Downwind 1		Downwind 2		Downwind 3	
	Location: U-1		Location: D-1		Location:		Location:	
	Serial No.: 8533133501		Serial No.: 8530142303		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	6:26	0.034	6:26	0.061				
2	6:42	0.034	6:40	0.062				
3	6:57	0.040	6:55	0.077				
4	7:12	0.040	7:10	0.055				
5	7:26	0.043	7:24	0.053				
6	7:50	0.039	7:48	0.055				
7	8:02	0.033	8:01	0.055				
8								
9								
10								
11								
12								
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31								
32								

Time	6:45	8:45						
Wind Direction	SW	NNW						
Avg. Wind Speed	1.6	1.4						[mph]
Temperature	64.5	72.1						[°F]

Comments: Work began at 6:20am and finished at 7:40am.

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

Recorded By: Ralph De La Parra Date: 9/30/2014

Reviewed By: Nick Somogyi Date: 9/30/2014

Test 008

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	09/30/2014
Instrument S/N	8533133501	Start Time	06:01:22
		Stop Date	09/30/2014
		Stop Time	10:01:22
		Total Time	0:04:00:00
		Logging Interval	900 seconds

Test Data

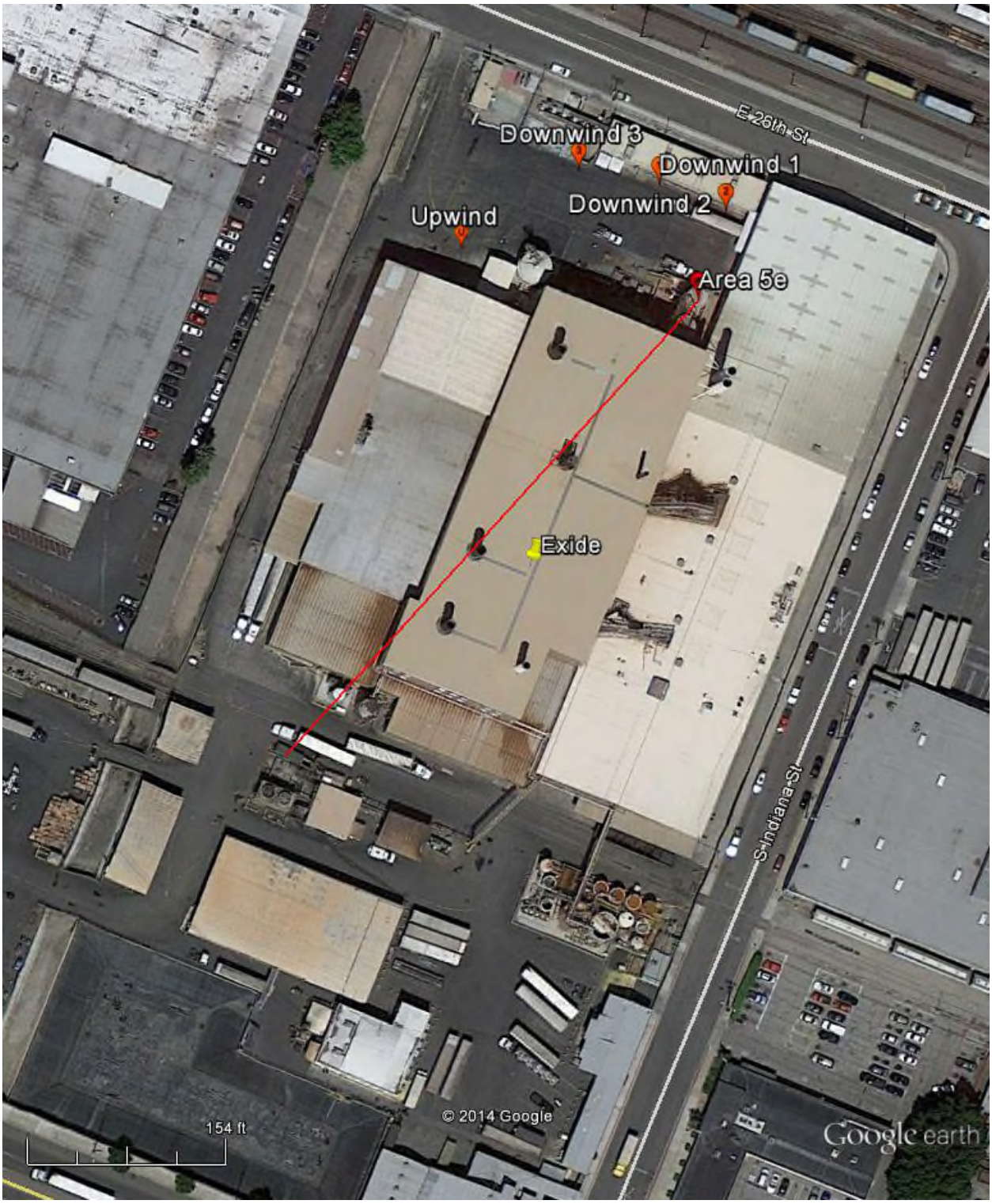
Data Point	Date	Time	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3
1	09/30/2014	06:16:22	0.031	0.033	0.034	0.037	0.038
2	09/30/2014	06:31:22	0.031	0.033	0.034	0.035	0.035
3	09/30/2014	06:46:22	0.033	0.035	0.036	0.038	0.038
4	09/30/2014	07:01:22	0.033	0.035	0.037	0.038	0.038
5	09/30/2014	07:16:22	0.034	0.036	0.037	0.039	0.039
6	09/30/2014	07:31:22	0.033	0.035	0.036	0.038	0.039
7	09/30/2014	07:46:22	0.029	0.030	0.032	0.033	0.033
8	09/30/2014	08:01:22	0.030	0.031	0.033	0.034	0.034
9	09/30/2014	08:16:22	0.032	0.033	0.034	0.035	0.036
10	09/30/2014	08:31:22	0.036	0.037	0.038	0.039	0.040
11	09/30/2014	08:46:22	0.025	0.026	0.027	0.028	0.028
12	09/30/2014	09:01:22	0.024	0.025	0.026	0.027	0.027
13	09/30/2014	09:16:22	0.024	0.025	0.026	0.027	0.027
14	09/30/2014	09:31:22	0.027	0.028	0.029	0.030	0.030
15	09/30/2014	09:46:22	0.023	0.024	0.025	0.026	0.027
16	09/30/2014	10:01:22	0.025	0.026	0.027	0.029	0.029

Test 001

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/30/2014
Instrument S/N	8530142303	Start Time	06:25:21
		Stop Date	09/30/2014
		Stop Time	09:55:21
		Total Time	0:03:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/30/2014	06:40:21	0.064
2	09/30/2014	06:55:21	0.069
3	09/30/2014	07:10:21	0.067
4	09/30/2014	07:25:21	0.057
5	09/30/2014	07:40:21	0.054
6	09/30/2014	07:55:21	0.057
7	09/30/2014	08:10:21	0.055
8	09/30/2014	08:25:21	0.053
9	09/30/2014	08:40:21	0.048
10	09/30/2014	08:55:21	0.045
11	09/30/2014	09:10:21	0.043
12	09/30/2014	09:25:21	0.042
13	09/30/2014	09:40:21	0.040
14	09/30/2014	09:55:21	0.044

Monitoring Results / Reports
(October 1, 2014)



EX 5e REPAIR AREA
DUST TRAK MONITORING LOCATIONS

TETRA TECH BAS

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

Date: 10/1/2014 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.:	8533133501	Serial No.:	8530113011	Serial No.:	8530132205	Serial No.:	8530110315
	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)	Time	Reading (mg/m^3)
1	6:40	0.061	6:38	0.098	6:36	0.109	6:39	0.086
2	7:58	0.051	7:57	0.056	7:56	0.064	7:57	0.060
3	8:16	0.050	8:16	0.062	8:15	0.075	8:16	0.067
4	8:31	0.054	8:30	0.061	8:30	0.073	8:30	0.064
5	9:46	0.048	9:45	0.045	9:44	0.057	9:46	0.052
6	10:00	0.034	10:01	0.040	10:01	0.047	10:00	0.039
7	10:15	0.036	10:16	0.039	10:17	0.043	10:15	0.040
8	10:29	0.028	10:30	0.034	10:30	0.040	10:29	0.038
9	10:47	0.030	10:47	0.036	10:46	0.042	10:47	0.035
10	11:01	0.028	11:00	0.035	11:00	0.039	11:01	0.037
11	11:16	0.034	11:17	0.039	11:18	0.041	11:16	0.038
12	11:35	0.038	11:37	0.042	11:37	0.044	11:35	0.040
13	12:25	0.030	12:20	0.039	12:20	0.038	12:23	0.038
14	12:44	0.031	12:43	0.038	12:42	0.044	12:44	0.039
15	1:04	0.027	1:03	0.038	1:02	0.036	1:04	0.037
16	1:18	0.034	1:17	0.039	1:17	0.034	1:18	0.040
17	1:35	0.038	1:37	0.040	1:37	0.035	1:35	0.068
18	1:50	0.032	1:52	0.042	1:53	0.039	1:50	0.048
19	2:08	0.027	2:10	0.045	2:11	0.033	2:09	0.036
20	2:25	0.023	2:27	0.041	2:26	0.031	2:25	0.031
21	2:50	0.020	2:56	0.034	2:57	0.034	2:51	0.029
22	3:22	0.021	3:25	0.033	3:26	0.031	3:23	0.029
23	3:45	0.022	3:46	0.029	3:47	0.033	3:45	0.028
24	4:00	0.021	4:02	0.025	4:03	0.036	4:01	0.023
25	4:11	0.020	4:12	0.029	4:12	0.028	4:11	0.032
26	4:31	0.020	4:32	0.031	4:32	0.030	4:31	0.028
27	4:50	0.022	4:48	0.029	4:47	0.029	4:50	0.032
28	5:18	0.022	5:13	0.032	5:11	0.030	5:15	0.037
29								
30								
31								
32								

Time	9:55	12:28	1:41	3:00	3:45	4:35		
Wind Direction	W	W	WNW	W	W	W		
Avg. Wind Speed	3.3	2.7	4.5	6.2	7.2	8.6		[mph]
Temperature	72.3	80	84.4	81.3	79.8	78.4		[°F]

Comments: Tent enclosure pressure = -0.048" w.c. at 6:43am, = -0.048" w.c. at 8:10am, = -0.055" w.c. at 11:30am, = -0.030" w.c. at 12:20pm, = -0.048" w.c. at 1:15pm, = -0.066" w.c. at 2:00pm, = -0.049" w.c. at 2:50pm, = -0.061" w.c. at 3:28pm, and = -0.049" w.c. at 4:26pm.

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

Recorded By: Henry Jaquez Date: 10/1/2014

Reviewed By: Nick Somogyi Date: 10/1/2014

Test 009

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	10/01/2014
Instrument S/N	8533133501	Start Time	06:06:35
		Stop Date	10/01/2014
		Stop Time	17:06:35
		Total Time	0:11:00:00
		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	10/01/2014	06:21:35	0.073	0.078	0.083	0.086	0.087
2	10/01/2014	06:36:35	0.061	0.065	0.070	0.072	0.073
3	10/01/2014	06:51:35	0.053	0.057	0.060	0.062	0.062
4	10/01/2014	07:06:35	0.058	0.062	0.064	0.067	0.067
5	10/01/2014	07:21:35	0.055	0.058	0.061	0.063	0.064
6	10/01/2014	07:36:35	0.050	0.053	0.055	0.058	0.059
7	10/01/2014	07:51:35	0.043	0.046	0.048	0.050	0.051
8	10/01/2014	08:06:35	0.044	0.047	0.049	0.052	0.053
9	10/01/2014	08:21:35	0.046	0.048	0.050	0.052	0.053
10	10/01/2014	08:36:35	0.045	0.048	0.050	0.052	0.052
11	10/01/2014	08:51:35	0.042	0.045	0.046	0.048	0.048
12	10/01/2014	09:06:35	0.043	0.045	0.046	0.048	0.048
13	10/01/2014	09:21:35	0.043	0.045	0.047	0.049	0.049
14	10/01/2014	09:36:35	0.041	0.043	0.045	0.047	0.048
15	10/01/2014	09:51:35	0.036	0.038	0.040	0.042	0.042
16	10/01/2014	10:06:35	0.031	0.033	0.034	0.036	0.036
17	10/01/2014	10:21:35	0.030	0.032	0.034	0.036	0.036
18	10/01/2014	10:36:35	0.027	0.029	0.030	0.032	0.033
19	10/01/2014	10:51:35	0.026	0.028	0.029	0.031	0.031
20	10/01/2014	11:06:35	0.025	0.027	0.027	0.029	0.029
21	10/01/2014	11:21:35	0.027	0.028	0.029	0.030	0.030
22	10/01/2014	11:36:35	0.027	0.028	0.029	0.030	0.031
23	10/01/2014	11:51:35	0.026	0.027	0.028	0.030	0.030
24	10/01/2014	12:06:35	0.026	0.027	0.028	0.029	0.029
25	10/01/2014	12:21:35	0.027	0.029	0.029	0.031	0.031
26	10/01/2014	12:36:35	0.025	0.027	0.028	0.029	0.029
27	10/01/2014	12:51:35	0.027	0.028	0.029	0.030	0.030
28	10/01/2014	13:06:35	0.024	0.026	0.026	0.028	0.028
29	10/01/2014	13:21:35	0.025	0.026	0.027	0.028	0.028
30	10/01/2014	13:36:35	0.023	0.024	0.025	0.026	0.026
31	10/01/2014	13:51:35	0.022	0.023	0.024	0.025	0.025
32	10/01/2014	14:06:35	0.023	0.025	0.026	0.027	0.027
33	10/01/2014	14:21:35	0.024	0.025	0.026	0.027	0.027
34	10/01/2014	14:36:35	0.021	0.022	0.023	0.024	0.024
35	10/01/2014	14:51:35	0.019	0.021	0.021	0.022	0.023

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**
36	10/01/2014	15:06:35	0.019	0.020	0.020	0.021	0.021
37	10/01/2014	15:21:35	0.018	0.020	0.020	0.021	0.021
38	10/01/2014	15:36:35	0.019	0.020	0.021	0.022	0.022
39	10/01/2014	15:51:35	0.019	0.020	0.021	0.022	0.022
40	10/01/2014	16:06:35	0.018	0.019	0.020	0.021	0.021
41	10/01/2014	16:21:35	0.018	0.019	0.020	0.021	0.021
42	10/01/2014	16:36:35	0.018	0.019	0.020	0.021	0.021
43	10/01/2014	16:51:35	0.018	0.020	0.021	0.022	0.022
44	10/01/2014	17:06:35	0.019	0.021	0.021	0.022	0.022

Test 013

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/01/2014
Instrument S/N	8530113011	Start Time	05:59:33
		Stop Date	10/01/2014
		Stop Time	16:59:33
		Total Time	0:11:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/01/2014	06:14:33	0.095
2	10/01/2014	06:29:33	0.088
3	10/01/2014	06:44:33	0.087
4	10/01/2014	06:59:33	0.079
5	10/01/2014	07:14:33	0.076
6	10/01/2014	07:29:33	0.075
7	10/01/2014	07:44:33	0.060
8	10/01/2014	07:59:33	0.059
9	10/01/2014	08:14:33	0.063
10	10/01/2014	08:29:33	0.061
11	10/01/2014	08:44:33	0.059
12	10/01/2014	08:59:33	0.056
13	10/01/2014	09:14:33	0.056
14	10/01/2014	09:29:33	0.055
15	10/01/2014	09:44:33	0.052
16	10/01/2014	09:59:33	0.043
17	10/01/2014	10:14:33	0.039
18	10/01/2014	10:29:33	0.037
19	10/01/2014	10:44:33	0.037
20	10/01/2014	10:59:33	0.034
21	10/01/2014	11:14:33	0.036
22	10/01/2014	11:29:33	0.037
23	10/01/2014	11:44:33	0.038
24	10/01/2014	11:59:33	0.038
25	10/01/2014	12:14:33	0.038
26	10/01/2014	12:29:33	0.041
27	10/01/2014	12:44:33	0.040
28	10/01/2014	12:59:33	0.042
29	10/01/2014	13:14:33	0.039
30	10/01/2014	13:29:33	0.039
31	10/01/2014	13:44:33	0.040
32	10/01/2014	13:59:33	0.040
33	10/01/2014	14:14:33	0.042
34	10/01/2014	14:29:33	0.044
35	10/01/2014	14:44:33	0.037

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
36	10/01/2014	14:59:33	0.035
37	10/01/2014	15:14:33	0.033
38	10/01/2014	15:29:33	0.033
39	10/01/2014	15:44:33	0.036
40	10/01/2014	15:59:33	0.032
41	10/01/2014	16:14:33	0.030
42	10/01/2014	16:29:33	0.032
43	10/01/2014	16:44:33	0.031
44	10/01/2014	16:59:33	0.031

Test 009

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/01/2014
Instrument S/N	8530132205	Start Time	05:57:32
		Stop Date	10/01/2014
		Stop Time	16:57:32
		Total Time	0:11:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/01/2014	06:12:32	0.112
2	10/01/2014	06:27:32	0.105
3	10/01/2014	06:42:32	0.117
4	10/01/2014	06:57:32	0.088
5	10/01/2014	07:12:32	0.087
6	10/01/2014	07:27:32	0.085
7	10/01/2014	07:42:32	0.069
8	10/01/2014	07:57:32	0.067
9	10/01/2014	08:12:32	0.072
10	10/01/2014	08:27:32	0.071
11	10/01/2014	08:42:32	0.071
12	10/01/2014	08:57:32	0.068
13	10/01/2014	09:12:32	0.069
14	10/01/2014	09:27:32	0.069
15	10/01/2014	09:42:32	0.065
16	10/01/2014	09:57:32	0.053
17	10/01/2014	10:12:32	0.047
18	10/01/2014	10:27:32	0.045
19	10/01/2014	10:42:32	0.044
20	10/01/2014	10:57:32	0.041
21	10/01/2014	11:12:32	0.041
22	10/01/2014	11:27:32	0.040
23	10/01/2014	11:42:32	0.038
24	10/01/2014	11:57:32	0.037
25	10/01/2014	12:12:32	0.036
26	10/01/2014	12:27:32	0.038
27	10/01/2014	12:42:32	0.036
28	10/01/2014	12:57:32	0.038
29	10/01/2014	13:12:32	0.035
30	10/01/2014	13:27:32	0.035
31	10/01/2014	13:42:32	0.035
32	10/01/2014	13:57:32	0.035
33	10/01/2014	14:12:32	0.038
34	10/01/2014	14:27:32	0.039
35	10/01/2014	14:42:32	0.034

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
36	10/01/2014	14:57:32	0.031
37	10/01/2014	15:12:32	0.031
38	10/01/2014	15:27:32	0.030
39	10/01/2014	15:42:32	0.032
40	10/01/2014	15:57:32	0.031
41	10/01/2014	16:12:32	0.028
42	10/01/2014	16:27:32	0.030
43	10/01/2014	16:42:32	0.029
44	10/01/2014	16:57:32	0.030

Test 007

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/01/2014
Instrument S/N	8530110315	Start Time	06:02:37
		Stop Date	10/01/2014
		Stop Time	17:02:37
		Total Time	0:11:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/01/2014	06:17:37	0.112
2	10/01/2014	06:32:37	0.099
3	10/01/2014	06:47:37	0.080
4	10/01/2014	07:02:37	0.086
5	10/01/2014	07:17:37	0.081
6	10/01/2014	07:32:37	0.076
7	10/01/2014	07:47:37	0.062
8	10/01/2014	08:02:37	0.063
9	10/01/2014	08:17:37	0.068
10	10/01/2014	08:32:37	0.066
11	10/01/2014	08:47:37	0.063
12	10/01/2014	09:02:37	0.060
13	10/01/2014	09:17:37	0.061
14	10/01/2014	09:32:37	0.059
15	10/01/2014	09:47:37	0.053
16	10/01/2014	10:02:37	0.043
17	10/01/2014	10:17:37	0.041
18	10/01/2014	10:32:37	0.038
19	10/01/2014	10:47:37	0.037
20	10/01/2014	11:02:37	0.036
21	10/01/2014	11:17:37	0.038
22	10/01/2014	11:32:37	0.039
23	10/01/2014	11:47:37	0.039
24	10/01/2014	12:02:37	0.039
25	10/01/2014	12:17:37	0.041
26	10/01/2014	12:32:37	0.038
27	10/01/2014	12:47:37	0.042
28	10/01/2014	13:02:37	0.038
29	10/01/2014	13:17:37	0.038
30	10/01/2014	13:32:37	0.036
31	10/01/2014	13:47:37	0.037
32	10/01/2014	14:02:37	0.040
33	10/01/2014	14:17:37	0.040
34	10/01/2014	14:32:37	0.040
35	10/01/2014	14:47:37	0.033

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
36	10/01/2014	15:02:37	0.033
37	10/01/2014	15:17:37	0.032
38	10/01/2014	15:32:37	0.031
39	10/01/2014	15:47:37	0.036
40	10/01/2014	16:02:37	0.029
41	10/01/2014	16:17:37	0.032
42	10/01/2014	16:32:37	0.029
43	10/01/2014	16:47:37	0.030
44	10/01/2014	17:02:37	0.032

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10/01/2014 Work Area 5f - MH-F
Dust Trak Monitoring Locations

TETRA TECH BAS

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

Date: 10/1/2014 Work Activity / Location: 5f - Manhole F

Cycle Reading No.	Upwind 1 Location: U-1 Serial No.: 8533132902		Downwind 1 Location: D-1 Serial No.: 8530100906		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	7:59	0.033	8:00	0.052				
2	8:29	0.059	8:28	0.045				
3	10:17	0.037	10:17	0.033				
4	10:33	0.041	10:33	0.033				
5	11:02	0.035	11:02	0.034				
6								
7								
8								
9								
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27								
28								
29								
30								
31								
32								

Time	8:00	11:05						
Wind Direction	ESE	ESE						
Avg. Wind Speed	1	1						[mph]
Temperature	69.5	77						[°F]

Comments: Work began at 10:30am and finished at 11:00am.
Tent enclosure pressure = -0.029" w.c. at 10:17am.
Tractor trailer delivery near D-1 from approximately 10:10am to 10:30am.

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

Recorded By: Teri Daigle / Ralph De La Parra Date: 10/1/2014

Reviewed By: Nick Somogyi Date: 10/1/2014

Test 010

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	10/01/2014
Instrument S/N	8533132902	Start Time	06:23:53
		Stop Date	10/01/2014
		Stop Time	14:08:53
		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	10/01/2014	06:38:53	0.085	0.095	0.098	0.100	0.100
2	10/01/2014	06:53:53	0.070	0.078	0.080	0.082	0.082
3	10/01/2014	07:08:53	0.070	0.076	0.078	0.080	0.080
4	10/01/2014	07:23:53	0.066	0.071	0.073	0.075	0.075
5	10/01/2014	07:38:53	0.054	0.060	0.061	0.065	0.066
6	10/01/2014	07:53:53	0.056	0.061	0.062	0.064	0.064
7	10/01/2014	08:08:53	0.056	0.061	0.062	0.064	0.064
8	10/01/2014	08:23:53	0.050	0.055	0.056	0.057	0.057
9	10/01/2014	08:38:53	0.052	0.057	0.058	0.059	0.059
10	10/01/2014	08:53:53	0.049	0.053	0.054	0.056	0.056
11	10/01/2014	09:08:53	0.050	0.054	0.055	0.056	0.056
12	10/01/2014	09:23:53	0.046	0.050	0.051	0.053	0.053
13	10/01/2014	09:38:53	0.047	0.051	0.052	0.053	0.053
14	10/01/2014	09:53:53	0.041	0.044	0.045	0.047	0.047
15	10/01/2014	10:08:53	0.032	0.034	0.035	0.037	0.037
16	10/01/2014	10:23:53	0.033	0.036	0.037	0.038	0.038
17	10/01/2014	10:38:53	0.030	0.033	0.034	0.035	0.035
18	10/01/2014	10:53:53	0.029	0.032	0.033	0.034	0.034
19	10/01/2014	11:08:53	0.030	0.033	0.033	0.035	0.035
20	10/01/2014	11:23:53	0.031	0.033	0.034	0.036	0.036
21	10/01/2014	11:38:53	0.031	0.034	0.034	0.036	0.036
22	10/01/2014	11:53:53	0.031	0.034	0.035	0.036	0.036
23	10/01/2014	12:08:53	0.031	0.034	0.035	0.036	0.036
24	10/01/2014	12:23:53	0.032	0.034	0.035	0.036	0.036
25	10/01/2014	12:38:53	0.031	0.033	0.034	0.036	0.036
26	10/01/2014	12:53:53	0.031	0.034	0.035	0.036	0.036
27	10/01/2014	13:08:53	0.031	0.033	0.034	0.036	0.036
28	10/01/2014	13:23:53	0.030	0.033	0.033	0.035	0.035
29	10/01/2014	13:38:53	0.031	0.033	0.034	0.036	0.036
30	10/01/2014	13:53:53	0.029	0.031	0.032	0.034	0.034
31	10/01/2014	14:08:53	0.031	0.034	0.034	0.036	0.036

Test 015

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/01/2014
Instrument S/N	8530100906	Start Time	06:19:26
		Stop Date	10/01/2014
		Stop Time	14:19:26
		Total Time	0:08:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/01/2014	06:34:26	0.063
2	10/01/2014	06:49:26	0.053
3	10/01/2014	07:04:26	0.056
4	10/01/2014	07:19:26	0.055
5	10/01/2014	07:34:26	0.049
6	10/01/2014	07:49:26	0.048
7	10/01/2014	08:04:26	0.051
8	10/01/2014	08:19:26	0.045
9	10/01/2014	08:34:26	0.046
10	10/01/2014	08:49:26	0.046
11	10/01/2014	09:04:26	0.045
12	10/01/2014	09:19:26	0.043
13	10/01/2014	09:34:26	0.041
14	10/01/2014	09:49:26	0.040
15	10/01/2014	10:04:26	0.033
16	10/01/2014	10:19:26	0.033
17	10/01/2014	10:34:26	0.032
18	10/01/2014	10:49:26	0.033
19	10/01/2014	11:04:26	0.033
20	10/01/2014	11:19:26	0.034
21	10/01/2014	11:34:26	0.035
22	10/01/2014	11:49:26	0.035
23	10/01/2014	12:04:26	0.036
24	10/01/2014	12:19:26	0.037
25	10/01/2014	12:34:26	0.036
26	10/01/2014	12:49:26	0.037
27	10/01/2014	13:04:26	0.037
28	10/01/2014	13:19:26	0.037
29	10/01/2014	13:34:26	0.037
30	10/01/2014	13:49:26	0.036
31	10/01/2014	14:04:26	0.036
32	10/01/2014	14:19:26	0.035

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10/01/2014 Work Area Ex43
Dust Trak Monitoring Locations

TETRA TECH BAS

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

Date: 10/1/2014 Work Activity / Location: Ex 43 - above ground pipe installation

Cycle Reading No.	Upwind 1 Location: U-1 Serial No.: 8530142303		Downwind 1 Location: D-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	9:37	0.060	9:41	0.049				
2	9:52	0.044	9:56	0.041				
3	10:07	0.036	10:11	0.035				
4	10:22	0.037	10:29	0.036				
5	10:32	0.039	10:37	0.038				
6	11:01	0.038	11:05	0.036				
7	11:18	0.037	11:23	0.038				
8	11:57	0.040	12:02	0.039				
9	12:13	0.041	12:18	0.038				
10	12:17	0.038	12:31	0.039				
11	12:46	0.039	12:51	0.042				
12	12:59	0.036	13:04	0.036				
13	13:13	0.037	13:18	0.037				
14	13:26	0.034	13:31	0.041				
15	13:42	0.030	13:47	0.037				
16	13:56	0.037	14:01	0.037				
17	14:12	0.031	14:16	0.036				
18	14:19	0.033	14:24	0.036				
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Time	9:45	11:05	13:05					
Wind Direction	ESE	ESE	ESE					
Avg. Wind Speed	0.5	1	2					[mph]
Temperature	76	77	86					[°F]

Comments: Dusttraks set up by 7am but visual monitoring began at 9:35am. U-1 monitor time was slow by 4-5 mins. Tracker trailer passed between monitors at 10:08am. Work finished at 2:15pm.

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

Recorded By: Teri Daigle Date: 10/1/2014

Reviewed By: Nick Somogyi Date: 10/1/2014

Test 002

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/01/2014
Instrument S/N	8530142303	Start Time	06:10:59
		Stop Date	10/01/2014
		Stop Time	14:10:59
		Total Time	0:08:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/01/2014	06:25:59	0.151
2	10/01/2014	06:40:59	0.115
3	10/01/2014	06:55:59	0.102
4	10/01/2014	07:10:59	0.100
5	10/01/2014	07:25:59	0.096
6	10/01/2014	07:40:59	0.079
7	10/01/2014	07:55:59	0.083
8	10/01/2014	08:10:59	0.075
9	10/01/2014	08:25:59	0.071
10	10/01/2014	08:40:59	0.071
11	10/01/2014	08:55:59	0.066
12	10/01/2014	09:10:59	0.063
13	10/01/2014	09:25:59	0.057
14	10/01/2014	09:40:59	0.059
15	10/01/2014	09:55:59	0.047
16	10/01/2014	10:10:59	0.038
17	10/01/2014	10:25:59	0.038
18	10/01/2014	10:40:59	0.038
19	10/01/2014	10:55:59	0.036
20	10/01/2014	11:10:59	0.038
21	10/01/2014	11:25:59	0.039
22	10/01/2014	11:40:59	0.039
23	10/01/2014	11:55:59	0.039
24	10/01/2014	12:10:59	0.040
25	10/01/2014	12:25:59	0.039
26	10/01/2014	12:40:59	0.038
27	10/01/2014	12:55:59	0.037
28	10/01/2014	13:10:59	0.038
29	10/01/2014	13:25:59	0.036
30	10/01/2014	13:40:59	0.033
31	10/01/2014	13:55:59	0.033
32	10/01/2014	14:10:59	0.033

Test 010

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/01/2014
Instrument S/N	8530113811	Start Time	06:29:42
		Stop Date	10/01/2014
		Stop Time	14:14:42
		Total Time	0:07:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/01/2014	06:44:42	0.076
2	10/01/2014	06:59:42	0.074
3	10/01/2014	07:14:42	0.078
4	10/01/2014	07:29:42	0.077
5	10/01/2014	07:44:42	0.062
6	10/01/2014	07:59:42	0.064
7	10/01/2014	08:14:42	0.060
8	10/01/2014	08:29:42	0.058
9	10/01/2014	08:44:42	0.060
10	10/01/2014	08:59:42	0.058
11	10/01/2014	09:14:42	0.057
12	10/01/2014	09:29:42	0.052
13	10/01/2014	09:44:42	0.054
14	10/01/2014	09:59:42	0.044
15	10/01/2014	10:14:42	0.037
16	10/01/2014	10:29:42	0.038
17	10/01/2014	10:44:42	0.037
18	10/01/2014	10:59:42	0.036
19	10/01/2014	11:14:42	0.038
20	10/01/2014	11:29:42	0.039
21	10/01/2014	11:44:42	0.040
22	10/01/2014	11:59:42	0.039
23	10/01/2014	12:14:42	0.041
24	10/01/2014	12:29:42	0.040
25	10/01/2014	12:44:42	0.040
26	10/01/2014	12:59:42	0.039
27	10/01/2014	13:14:42	0.039
28	10/01/2014	13:29:42	0.038
29	10/01/2014	13:44:42	0.039
30	10/01/2014	13:59:42	0.036
31	10/01/2014	14:14:42	0.038