



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 # 2 (09/18/14 – 09/24/14)

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 18, 2014 through September 24, 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)
EX 35	Sand Filter Tank Repairs	Temporary Enclosure Under Negative Pressure*
5c	Reverb A-Pipe Repairs	Clean Surface, Verify Lead Free
5e	North Oxidation Tank 24 Repairs	Temporary Enclosure Under Negative Pressure*
6a	Security Surveillance Camera Installation	None
EX 49	RCRA Well Development SI-1 & SI-5	Contain All Mud/Water Proper Waste Disposal
EX 50	RCRA Well-head Repairs EX 15	Clean (HEPA Vacuum) Prior to Repair Activities.

* Dust Trak monitoring performed for this work item.

Tetra Tech BAS, Inc.

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Sand Filter Tank Repairs at the Wastewater Treatment Plant:

Exide maintenance personnel completed repairs to the sand filter tanks within the temporary enclosure maintained under negative air on Thursday September 18, 2014 and Castlerock Environmental removed the temporary enclosure on Friday September 19, 2014.

Tetra Tech personnel witnessed the repair activities and enclosure removal, confirmed that negative pressure was maintained on the temporary enclosure during repair activities 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:

- Continuous Dust Trak monitoring for fugitive dust upwind and downwind of the repair area while repair activities occurred and while the temporary enclosure was in place.
- Confirmation that negative pressure was maintained by checking the gauge on the temporary enclosure routinely while repair activities were ongoing.
- Visual inspection of the enclosure prior to the start of each shift to confirm that it was in good condition and that it was under negative pressure.
- Observation of the removal of the temporary enclosure.

Reverb A-Pipe Repairs

On September 18, 2014 Exide maintenance personnel tested the final weld location after it had been cleaned and before welding activities began. The weld was tested in four locations found to be clean and free of lead prior to the start of welding. By the end of the day on September 18, 2014 the first phase of the welding on the reverb A-pipe was complete. Exide personnel stated that additional welding would be required in a second phase, but that work wasn't covered by the approved mitigation plan. A supplemental mitigation plan is to be submitted for review prior to beginning the second phase of welding on the reverb A-pipe.

Tetra Tech personnel witnessed the cleaning and testing activities, confirmed that the area was lead free and confirmed compliance with the Mitigation Plan. Verification activities included:

- Observation of the lead wipe test kit being used in an area where lead was known to be present to verify it worked.
- Observation of the lead wipe test kit being used to test each of the weld locations prior to cleaning.
- Observation of the lead wipe testing of the weld location after cleaning as described above.

North Oxidation Tank 24 Repairs

On Thursday September 18, 2014 Castlerock Environmental completed erection of a temporary enclosure around the repair area. Repair work in the north oxidation tank included repairs to the fiberglass lining of Tank 24. Advance Construction and their subcontractor Fail Safe began work on Friday September 19, 2014 preparing the areas in need of repair. On Tuesday September 23, 2014 the preparation activities were completed and on September 24, 2014 installation of new fiberglass began. Installation of the new fiberglass will continue into the next reporting period.

During repair activities on September 19, 2014 there were several power failures due to the circuit load created by the negative air machines and the hand tools being used to prepare the repair areas. Exide provided a portable thirty-five horsepower Miller welder with power outlets to supply power to the hand tools so that the negative air machines would be the only load on the circuit. Once the switch was made, there were no further power failures. With each power failure all work stopped and did not resume until the negative air machines were restarted and negative pressure within the enclosure was verified.

Tetra Tech personnel witnessed the temporary enclosure construction activities, 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.
- Visual inspection of the enclosure prior to the start of each shift to confirm that it was in good condition and that it was under negative pressure. Any noted areas needing where seams needed to be re-taped were fixed by Castlerock prior to resuming work within the enclosure. Seams that needed re-taping were identified during and initial inspection by Tetra Tech personnel or when a drop in negative pressure was noted.
- Confirmation that no work occurred during the power failures.

Security Surveillance Camera Installation

California Communications mobilized to the site to begin installation of four additional surveillance cameras to monitor key facilities. Three cameras were installed using self-tapping screws at various locations around the north yard. The contractor did not use a drill and mounted the cameras in a manner that didn't generate dust. California Communications determined that a special bracket is required for mounting the fourth

camera near the guard shack. Installation of the final surveillance camera will occur during a future reporting period.

Tetra Tech personnel witnessed the surveillance camera installation and confirmed that no drilling was required to install the cameras. Verification activities included:

- Observation of camera installation to confirm no drilling occurred and that the cameras were mounted using self-tapping screws.

RCRA Well Development SI-1 & SI-5

Avocet Environmental, Inc. mobilized to the site 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 and absorbent booms were placed around the perimeter. Wells SI-1 and SI-5 were bailed and surged, and all water and sediment removed from the wells was placed in 55-gallon drums, labeled properly and placed in the total enclosure building. The wells were slow to recharge, were allowed to recover overnight and development will continue beyond this reporting period.

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.

RCRA Well-head Repairs MW 15

E2 Environmental was onsite to do minor repairs to the well box at groundwater monitoring well MW15. Prior to the start of the repairs, E2's technician vacuumed the area with a HEPA vacuum, removed the well box lid and vacuumed the inside of the well vault. Repair work included gluing on a new piece of PVC pipe so that the well cap securely sealed the well. Additional work included using cement to reseal the bottom of the well vault.

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

- Observation of the cleaning of the well vault and placement of the cement.

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 sand filter tanks and during the enclosure installation and all repair work performed with the temporary enclosure at the north oxidation tank 24 area. Monitoring results and a site map showing the location of the temporary enclosures are attached. If the results of continuous air monitoring detected excessive dust the following additional 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:

- o 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
Sand Filter Tanks Repair - WWTP	Completed
Reverb A-Pipe Repairs	Completed
North Oxidation Tank 24 Repairs	Ongoing
Security Surveillance Camera Installation	Ongoing
RCRA Well Development SI-1 & SI-5	Ongoing
RCRA Well-head Repairs EX 15	Completed

WORK SCHEDULED DURING THE UPCOMING PERIOD:

The following activities are anticipated for the upcoming weeks:

Week	Anticipated Activities
Sept. 25 - October 1	<ul style="list-style-type: none"> • North Oxidation Tank 24 Repairs Continue • Security Surveillance Camera Installation Continues • Feed Room Floor Repair • RCRA Well Development Continues • Stormwater Pipe Project Completion • Dust Removal • Refining Department Production Office Repairs • West Yard Sump Piping
Oct. 2 - Oct. 8	<ul style="list-style-type: none"> • Storm Water Pipe Project Completion Continue • Feed Room Floor Repairs Continue • RCRA RFI Soil Sampling Continues • Dust Removal Continues • Refining Department Production Office Continues • West Yard Sump Piping Continues

KEY MILESTONES:

The following key milestones were achieved during this reporting period:

- o Sand Filter Tank Repairs – Wastewater Treatment Plan: COMPLETED
- o Reverb A-Pipe Repairs: COMPLETED
- o Security Surveillance Camera Installation: BEGAN
- o RCRA Well Development SI-1 & SI-5: BEGAN
- o RCRA Well-head Repair MW 15: COMPLETED

POTENTIAL CHANGES AND ACTION ITEMS REQUIRING RESOLUTION:

The following items require resolution:

- o None at this time.

OTHER NOTES/COMMENTS

No other notes or comments at this time.

SUMMARY:

The summary provided herein covers the activities for the period of September 18, 2014 through September 24, 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

Updated Project Schedule

Week of 09/18/14 – 10/8/14



Mitigation Plan Reference	Task Name	Plant Location	Duration	Start Date	Finish Date	%															
							18	19	20	21	22	23	24	25	26	27	28	29	30	01	02
5e	Tank/Sump Maintenance (Tank 24)	North Yard	14 days	9/16/14	9/30/14	70%														03	04
5f	Storm Water Piping Project Completion	Yards	20 days	9/29/14	10/19/14	0%														05	06
Ex35	Sand Filters Repair work	WWTP	8 days	9/11/14	9/19/14	100%														07	08
Ex38	Sump 6 - RMPS Sump repair	RMPS	1 days	9/11/14	9/12/14	100%															
6a	Security Surveillance Camera Installation	HiVol Monitors	3 days	9/22/14	9/25/14	90%															
5c	Reverb A-Pipe Maintenance	H/Exch. Roof	7 days	9/16/14	9/23/14	100%															
Ex36	Feedroom floor repair	Reverb Feedroom	13 days	9/22/14	10/5/14	0%															
Ex49	RCRA Well Dev SI-1 & SI-5	South Yard	2 days	9/24/14	9/26/14	30%															
Ex50	RCRA Well Dev Repair	South Yard	1 days	9/24/14	9/25/14	100%															
2a	Dust Removal for structure	RMPS & Refining	58 days	9/29/14	11/26/14	0%															
5g	Refining Dep. Production Office Repairs	Refining	60 days	9/29/14	11/28/14	0%															
Ex43	West Yard Sump Piping	RMPS & Refining	13 days	9/29/14	10/12/14	0%															

Numbering system correlates with Mitigation plan document.

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

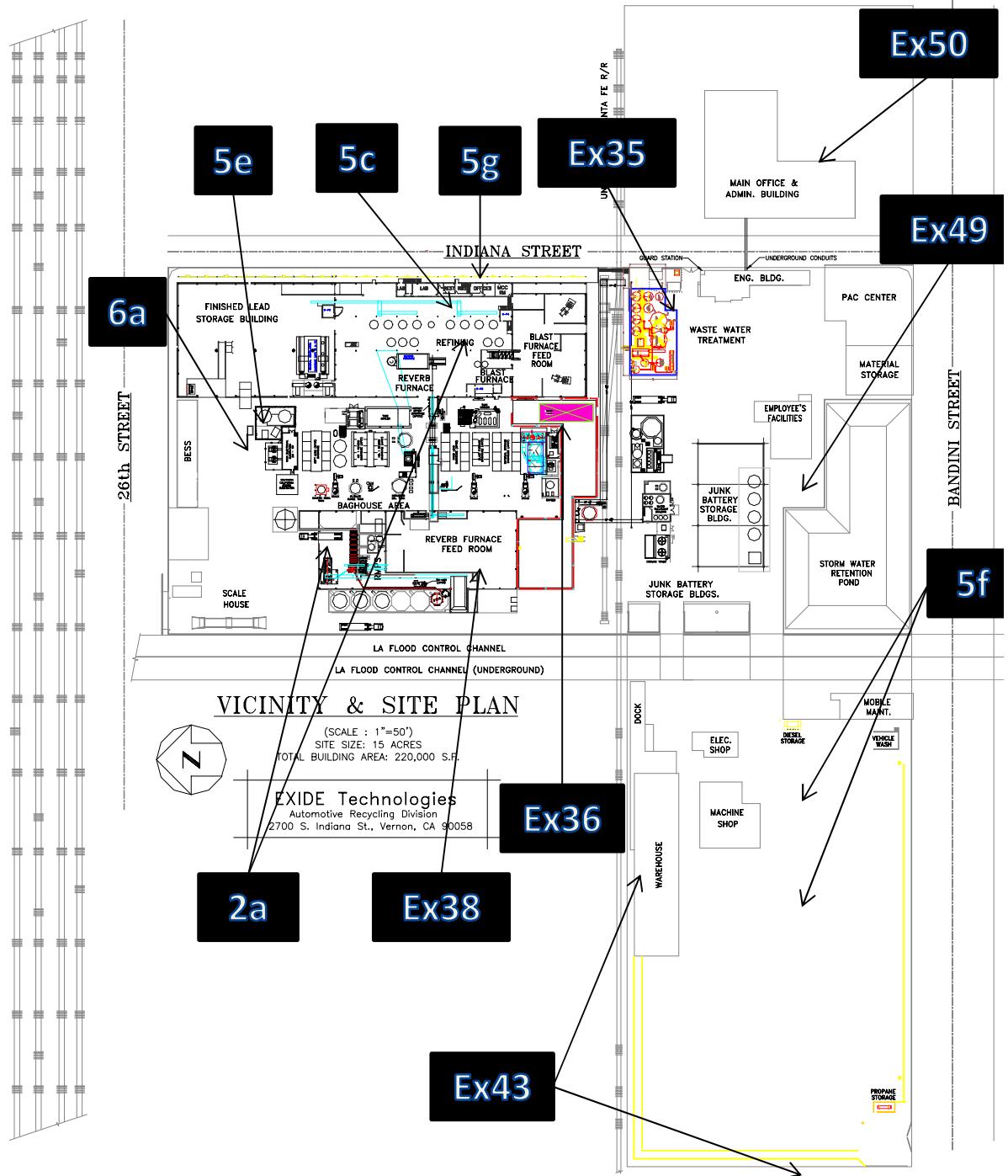
[Site Map](#)



Mitigation Project Map Layout

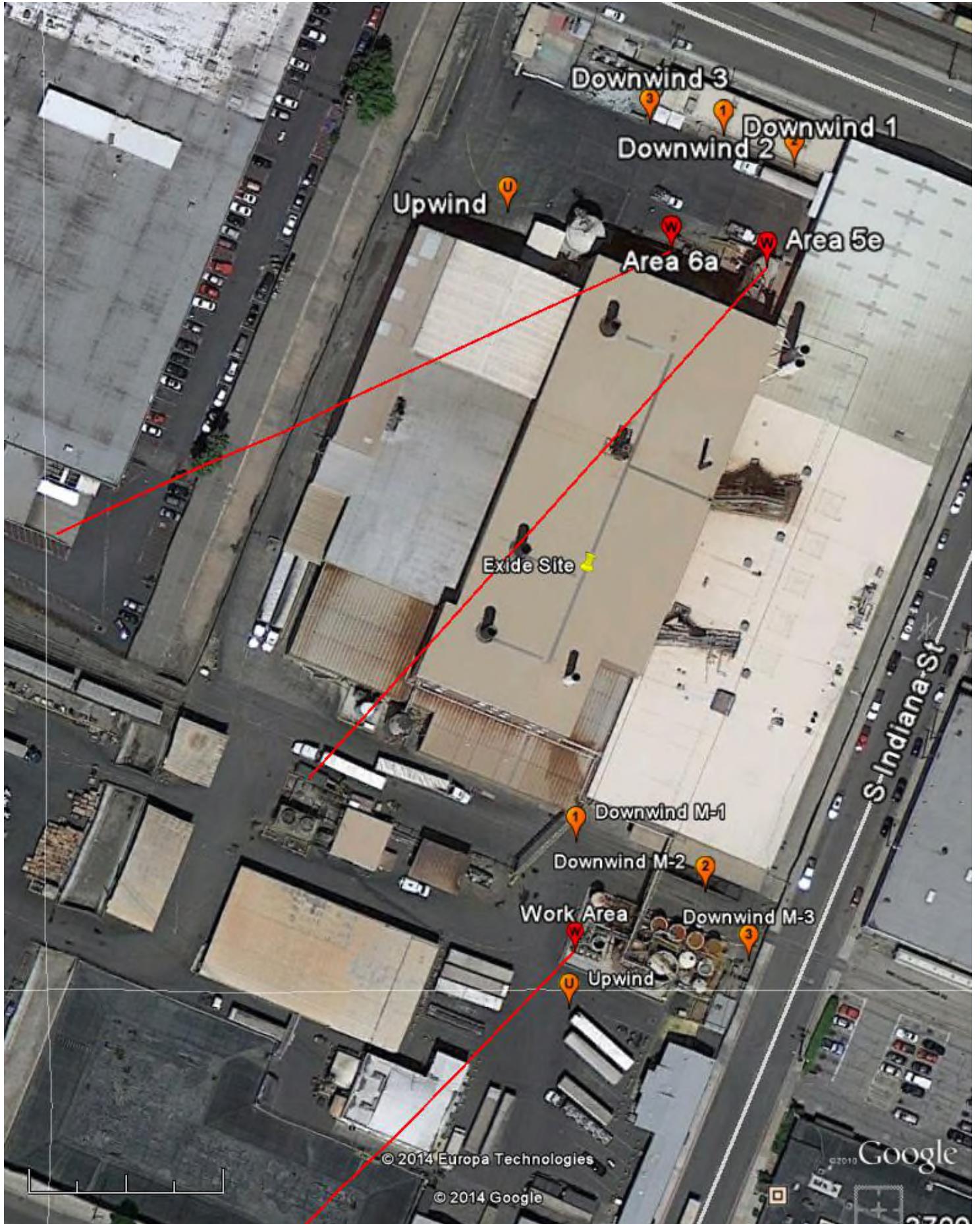
Week 09/18/14 – 10/8/14

- 5c. Reverb A-Pipe
- 5e. North Oxidation Tank 24
- 5f. Storm water piping
- 6a. Security Camera's
- Ex35. Sand filter Repair
- Ex36. Feedroom floor repair
- Ex38. Sump No.6 – RMPS Sump
- Ex49 RCRA Well Dev. ST-1 & ST-5
- Ex50 RCRA Well Dev. Repair
- 2a. Dust Removal
- 5g. Refining Department Pro. Office
- Ex43 West Yard Sump Piping



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 18, 2014)



EX 35, 5e and 6a REPAIR AREAS
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: 9/18/2014

Work Activity / Location: 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.:	8530110315	Serial No.:	8530132205 <th>Serial No.:</th> <td>8533132902</td>	Serial No.:	8533132902
	Time	Reading (mg/m³)	Time	Reading (mg/m³)	Time	Reading (mg/m³)	Time	Reading (mg/m³)
1	5:39	0.058	5:30	0.028	5:26	0.025	5:35	0.013
2	6:41	0.024	6:34	0.064	6:33	0.074	6:39	0.019
3	7:10	0.025	7:08	0.057	7:08	0.080	7:09	0.018
4	7:31	0.048	7:34	0.054	7:34	0.049	7:32	0.032
5	7:47	0.029	7:45	0.067	7:45	0.063	7:46	0.038
6	8:01	0.025	8:00	0.036	8:00	0.035	8:01	0.037
7	9:00	0.021	9:03	0.033	9:03	0.033	9:00	0.013
8	9:15	0.022	9:18	0.034	9:18	0.038	9:15	0.014
9	9:33	0.022	9:32	0.033	9:31	0.036	9:33	0.014
10	9:48	0.021	9:46	0.034	9:46	0.037	9:48	0.013
11	10:01	0.021	10:00	0.031	10:00	0.028	10:01	0.012
12	10:17	0.020	10:18	0.030	10:18	0.026	10:17	0.013
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Time	7:37	10:22					
Wind Direction	SW	SW					
Avg. Wind Speed	1.2	1.6					[mph]
Temperature	70.4	76.4					[°F]

Comments: Work started at approximately 6:00am. Out at 10:30am.

Side tent enclosure pressure = -0.039" w.c. at 10:06am. Tank tent enclosure pressure = -0.155" w.c. at 10:07am.

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

Recorded By: Henry Jaquez

Date: 9/18/2014

Reviewed By: Nick Somogyi

Date: 9/18/2014

Test 005

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	09/18/2014
Instrument S/N	8533133501	Start Time	05:37:19
		Stop Date	09/18/2014
		Stop Time	11:07:19
		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	09/18/2014	05:52:19	0.050	0.052	0.054	0.056	0.059
2	09/18/2014	06:07:19	0.031	0.033	0.034	0.035	0.036
3	09/18/2014	06:22:19	0.025	0.027	0.028	0.030	0.030
4	09/18/2014	06:37:19	0.031	0.033	0.035	0.037	0.038
5	09/18/2014	06:52:19	0.024	0.026	0.028	0.029	0.029
6	09/18/2014	07:07:19	0.063	0.065	0.067	0.068	0.068
7	09/18/2014	07:22:19	0.028	0.030	0.032	0.033	0.033
8	09/18/2014	07:37:19	0.043	0.045	0.046	0.048	0.049
9	09/18/2014	07:52:19	0.035	0.037	0.038	0.040	0.041
10	09/18/2014	08:07:19	0.026	0.028	0.029	0.030	0.031
11	09/18/2014	08:22:19	0.023	0.025	0.026	0.027	0.028
12	09/18/2014	08:37:19	0.021	0.023	0.024	0.025	0.025
13	09/18/2014	08:52:19	0.020	0.022	0.023	0.024	0.024
14	09/18/2014	09:07:19	0.020	0.022	0.023	0.024	0.025
15	09/18/2014	09:22:19	0.021	0.023	0.024	0.025	0.026
16	09/18/2014	09:37:19	0.022	0.023	0.024	0.025	0.026
17	09/18/2014	09:52:19	0.022	0.024	0.025	0.026	0.027
18	09/18/2014	10:07:19	0.023	0.025	0.026	0.028	0.028
19	09/18/2014	10:22:19	0.020	0.021	0.022	0.024	0.024
20	09/18/2014	10:37:19	0.016	0.016	0.017	0.018	0.019
21	09/18/2014	10:52:19	0.012	0.012	0.013	0.014	0.014
22	09/18/2014	11:07:19	0.010	0.011	0.011	0.012	0.012

Test 003

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/18/2014
Instrument S/N	8530110315	Start Time	08:27:28
		Stop Date	09/18/2014
		Stop Time	13:57:28
		Total Time	0:05:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m^3
1	09/18/2014	08:42:28	0.121
2	09/18/2014	08:57:28	0.058
3	09/18/2014	09:12:28	0.052
4	09/18/2014	09:27:28	0.039
5	09/18/2014	09:42:28	0.058
6	09/18/2014	09:57:28	0.040
7	09/18/2014	10:12:28	0.091
8	09/18/2014	10:27:28	0.046
9	09/18/2014	10:42:28	0.069
10	09/18/2014	10:57:28	0.073
11	09/18/2014	11:12:28	0.041
12	09/18/2014	11:27:28	0.036
13	09/18/2014	11:42:28	0.032
14	09/18/2014	11:57:28	0.031
15	09/18/2014	12:12:28	0.032
16	09/18/2014	12:27:28	0.034
17	09/18/2014	12:42:28	0.034
18	09/18/2014	12:57:28	0.034
19	09/18/2014	13:12:28	0.034
20	09/18/2014	13:27:28	0.031
21	09/18/2014	13:42:28	0.018
22	09/18/2014	13:57:28	0.014

Test 005

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/18/2014
Instrument S/N	8530132205	Start Time	05:23:07
		Stop Date	09/18/2014
		Stop Time	10:53:07
		Total Time	0:05:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m^3
1	09/18/2014	05:38:07	0.038
2	09/18/2014	05:53:07	0.079
3	09/18/2014	06:08:07	0.052
4	09/18/2014	06:23:07	0.044
5	09/18/2014	06:38:07	0.061
6	09/18/2014	06:53:07	0.037
7	09/18/2014	07:08:07	0.102
8	09/18/2014	07:23:07	0.049
9	09/18/2014	07:38:07	0.058
10	09/18/2014	07:53:07	0.064
11	09/18/2014	08:08:07	0.041
12	09/18/2014	08:23:07	0.037
13	09/18/2014	08:38:07	0.036
14	09/18/2014	08:53:07	0.034
15	09/18/2014	09:08:07	0.034
16	09/18/2014	09:23:07	0.037
17	09/18/2014	09:38:07	0.037
18	09/18/2014	09:53:07	0.037
19	09/18/2014	10:08:07	0.036
20	09/18/2014	10:23:07	0.032
21	09/18/2014	10:38:07	0.022
22	09/18/2014	10:53:07	0.015

Test 002

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	09/18/2014
Instrument S/N	8533132902	Start Time	05:32:22
		Stop Date	09/18/2014
		Stop Time	11:02:22
		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	09/18/2014	05:47:22	0.036	0.037	0.038	0.043	0.045
2	09/18/2014	06:02:22	0.026	0.026	0.026	0.027	0.027
3	09/18/2014	06:17:22	0.018	0.019	0.019	0.019	0.019
4	09/18/2014	06:32:22	0.019	0.019	0.019	0.019	0.019
5	09/18/2014	06:47:22	0.018	0.019	0.019	0.019	0.019
6	09/18/2014	07:02:22	0.042	0.043	0.043	0.043	0.043
7	09/18/2014	07:17:22	0.021	0.022	0.022	0.022	0.022
8	09/18/2014	07:32:22	0.026	0.027	0.027	0.027	0.027
9	09/18/2014	07:47:22	0.033	0.034	0.034	0.034	0.034
10	09/18/2014	08:02:22	0.017	0.018	0.018	0.018	0.018
11	09/18/2014	08:17:22	0.015	0.015	0.015	0.015	0.015
12	09/18/2014	08:32:22	0.013	0.014	0.014	0.014	0.014
13	09/18/2014	08:47:22	0.012	0.012	0.012	0.013	0.013
14	09/18/2014	09:02:22	0.012	0.013	0.013	0.013	0.013
15	09/18/2014	09:17:22	0.012	0.013	0.013	0.013	0.013
16	09/18/2014	09:32:22	0.013	0.014	0.014	0.014	0.014
17	09/18/2014	09:47:22	0.013	0.013	0.014	0.014	0.014
18	09/18/2014	10:02:22	0.013	0.014	0.014	0.014	0.014
19	09/18/2014	10:17:22	0.012	0.013	0.013	0.013	0.013
20	09/18/2014	10:32:22	0.010	0.011	0.011	0.011	0.011
21	09/18/2014	10:47:22	0.007	0.008	0.008	0.008	0.008
22	09/18/2014	11:02:22	0.006	0.006	0.006	0.006	0.006



TETRA TECH BAS

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

Date: 9/18/2014

Work Activity / Location: Sand Filter Tanks / Waste Water Plant

Cycle Reading No.	Upwind 1		Downwind 1		Downwind 2		Downwind 3	
	Location:	U-1	Location:	M-1	Location:	M-2	Location:	M-3
	Serial No.:	8530113011	Serial No.:	8530100906	Serial No.:	8530141008	Serial No.:	8530113811
	Time	Reading (mg/m³)						
1	6:22	0.033	6:19	0.045	6:15	0.045	6:17	0.059
2	6:31	0.105	6:30	0.072	6:32	0.069	6:33	0.067
3	7:00	0.094	7:01	0.049	7:03	0.041	7:05	0.044
4	7:26	0.038	7:27	0.057	7:30	0.071	7:31	0.084
5	7:44	0.040	7:43	0.041	7:45	0.057	7:46	0.043
6	8:00	0.034	8:00	0.041	8:01	0.040	8:02	0.032
7	8:14	0.027	8:14	0.033	8:16	0.031	8:17	0.027
8	8:33	0.025	8:33	0.033	8:34	0.026	8:35	0.027
9	8:47	0.024	8:46	0.034	8:48	0.026	8:49	0.023
10	9:00	0.026	9:00	0.033	9:01	0.027	9:02	0.025
11	9:14	0.027	9:14	0.035	9:16	0.028	9:17	0.026
12	9:29	0.030	9:29	0.036	9:31	0.029	9:32	0.027
13	9:45	0.029	9:45	0.039	9:46	0.028	9:47	0.028
14								
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Time	6:22						
Wind Direction	SW						
Avg. Wind Speed	2.5						[mph]
Temperature	69						[°F]

Comments: Exide crew welded for a short time around 6:15am. Tent pressure = -0.012" w.c. at 8:05am.

Exide crew cleaned inside tent enclosure and finished at 9:35am. Shut-down monitors at 9:50am. Left stands in place.

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

Recorded By: Teri Daigle / Henry Jaquez
Reviewed By: Nick Somogyi

Date: 9/18/2014
Date: 9/18/2014

Test 004

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/18/2014
Instrument S/N	8530113011	Start Time	06:11:05
		Stop Date	09/18/2014
		Stop Time	09:41:05
		Total Time	0:03:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	09/18/2014	06:26:05	0.037
2	09/18/2014	06:41:05	0.052
3	09/18/2014	06:56:05	0.083
4	09/18/2014	07:11:05	0.061
5	09/18/2014	07:26:05	0.031
6	09/18/2014	07:41:05	0.047
7	09/18/2014	07:56:05	0.039
8	09/18/2014	08:11:05	0.036
9	09/18/2014	08:26:05	0.028
10	09/18/2014	08:41:05	0.025
11	09/18/2014	08:56:05	0.024
12	09/18/2014	09:11:05	0.027
13	09/18/2014	09:26:05	0.029
14	09/18/2014	09:41:05	0.030

Test 006

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/18/2014
Instrument S/N	8530100906	Start Time	06:13:15
		Stop Date	09/18/2014
		Stop Time	09:43:15
		Total Time	0:03:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m^3
1	09/18/2014	06:28:15	0.042
2	09/18/2014	06:43:15	0.046
3	09/18/2014	06:58:15	0.074
4	09/18/2014	07:13:15	0.045
5	09/18/2014	07:28:15	0.042
6	09/18/2014	07:43:15	0.052
7	09/18/2014	07:58:15	0.041
8	09/18/2014	08:13:15	0.038
9	09/18/2014	08:28:15	0.033
10	09/18/2014	08:43:15	0.032
11	09/18/2014	08:58:15	0.033
12	09/18/2014	09:13:15	0.035
13	09/18/2014	09:28:15	0.037
14	09/18/2014	09:43:15	0.036

Test 006

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/18/2014
Instrument S/N	8530141008	Start Time	06:09:38
		Stop Date	09/18/2014
		Stop Time	09:39:38
		Total Time	0:03:30:00
		Logging Interval	900 seconds

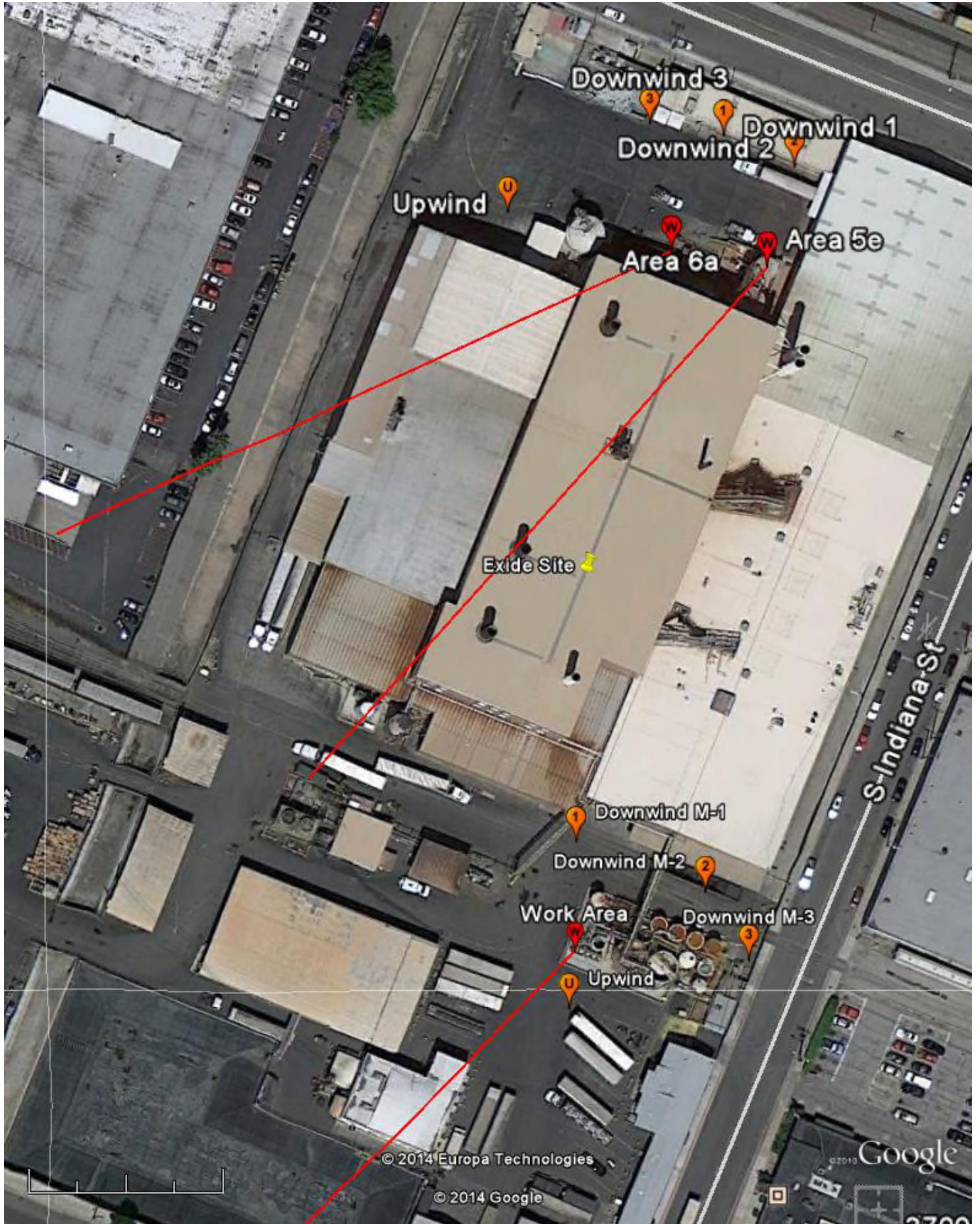
Test Data			
Data Point	Date	Time	AEROSOL mg/m^3
1	09/18/2014	06:24:38	0.052
2	09/18/2014	06:39:38	0.055
3	09/18/2014	06:54:38	0.044
4	09/18/2014	07:09:38	0.099
5	09/18/2014	07:24:38	0.035
6	09/18/2014	07:39:38	0.060
7	09/18/2014	07:54:38	0.045
8	09/18/2014	08:09:38	0.038
9	09/18/2014	08:24:38	0.032
10	09/18/2014	08:39:38	0.029
11	09/18/2014	08:54:38	0.027
12	09/18/2014	09:09:38	0.028
13	09/18/2014	09:24:38	0.029
14	09/18/2014	09:39:38	0.029

Test 004

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/18/2014
Instrument S/N	8530113811	Start Time	06:12:20
		Stop Date	09/18/2014
		Stop Time	09:42:20
		Total Time	0:03:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	09/18/2014	06:27:20	0.061
2	09/18/2014	06:42:20	0.051
3	09/18/2014	06:57:20	0.072
4	09/18/2014	07:12:20	0.080
5	09/18/2014	07:27:20	0.038
6	09/18/2014	07:42:20	0.059
7	09/18/2014	07:57:20	0.040
8	09/18/2014	08:12:20	0.034
9	09/18/2014	08:27:20	0.027
10	09/18/2014	08:42:20	0.025
11	09/18/2014	08:57:20	0.024
12	09/18/2014	09:12:20	0.025
13	09/18/2014	09:27:20	0.027
14	09/18/2014	09:42:20	0.028

Monitoring Results / Reports
(September 19, 2014)



EX 35, 5e and 6a REPAIR AREAS
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: 9/19/2014

Work Activity / Location: 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.:	8530132205	Serial No.:	8530110315	Serial No.:	8533132902
	Time	Reading (mg/m³)						
1	8:58	0.018	9:00	0.025	9:01	0.023	9:00	0.011
2	9:21	0.017	9:20	0.026	9:17	0.031	9:20	0.011
3	9:35	0.018	9:37	0.027	9:37	0.025	9:35	0.010
4	10:03	0.015	10:00	0.024	10:00	0.029	10:03	0.009
5	10:25	0.017	10:27	0.021	10:27	0.026	10:26	0.009
6	10:56	0.016	10:55	0.020	10:54	0.021	10:56	0.009
7	11:12	0.017	11:14	0.018	11:14	0.019	11:13	0.009
8	11:31	0.015	11:30	0.023	11:29	0.020	11:31	0.011
9	11:50	0.014	11:53	0.023	11:55	0.021	11:53	0.015
10	1:55	0.017	1:54	0.017	1:53	0.021	1:56	0.014
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32								

Time	8:50						
Wind Direction	SW						
Avg. Wind Speed	1.3						[mph]
Temperature	75.6						[°F]

Comments:

Side tent enclosure pressure = -0.029" w.c. at 9:16am. Tank tent enclosure alarm on at 9:16am.

Castlerock arrived at approximately 9:15am. Alarm fixed at 9:50am. Tank tent enclosure pressure = -0.031" w.c. at 9:50am.

Tent enclosure pressure = 0.016" w.c. at 10:10am. Work stopped until negative pressure reestablished.

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

Recorded By: Henry Jaquez

Date: 9/19/2014

Reviewed By: Nick Somogyi

Date: 9/19/2014

Test 006

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	09/19/2014
Instrument S/N	8533133501	Start Time	08:20:45
		Stop Date	09/19/2014
		Stop Time	14:20:45
		Total Time	0:06:00:00
		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	09/19/2014	08:35:45	0.017	0.019	0.020	0.021	0.021
2	09/19/2014	08:50:45	0.016	0.017	0.018	0.019	0.019
3	09/19/2014	09:05:45	0.016	0.017	0.018	0.019	0.019
4	09/19/2014	09:20:45	0.016	0.017	0.018	0.019	0.019
5	09/19/2014	09:35:45	0.016	0.017	0.018	0.019	0.019
6	09/19/2014	09:50:45	0.016	0.017	0.018	0.019	0.019
7	09/19/2014	10:05:45	0.015	0.016	0.017	0.018	0.018
8	09/19/2014	10:20:45	0.015	0.016	0.016	0.017	0.017
9	09/19/2014	10:35:45	0.015	0.016	0.016	0.017	0.018
10	09/19/2014	10:50:45	0.014	0.015	0.015	0.016	0.016
11	09/19/2014	11:05:45	0.014	0.015	0.016	0.017	0.017
12	09/19/2014	11:20:45	0.013	0.014	0.014	0.015	0.015
13	09/19/2014	11:35:45	0.014	0.014	0.015	0.015	0.016
14	09/19/2014	11:50:45	0.013	0.014	0.014	0.015	0.015
15	09/19/2014	12:05:45	0.015	0.015	0.016	0.017	0.017
16	09/19/2014	12:20:45	0.013	0.014	0.014	0.015	0.015
17	09/19/2014	12:35:45	0.013	0.014	0.014	0.015	0.015
18	09/19/2014	12:50:45	0.014	0.015	0.015	0.016	0.016
19	09/19/2014	13:05:45	0.013	0.014	0.014	0.015	0.015
20	09/19/2014	13:20:45	0.015	0.015	0.015	0.016	0.016
21	09/19/2014	13:35:45	0.015	0.015	0.016	0.017	0.017
22	09/19/2014	13:50:45	0.016	0.016	0.017	0.018	0.018
23	09/19/2014	14:05:45	0.013	0.014	0.014	0.015	0.016
24	09/19/2014	14:20:45	0.013	0.014	0.015	0.016	0.016

Test 006

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/19/2014
Instrument S/N	8530132205	Start Time	08:10:59
		Stop Date	09/19/2014
		Stop Time	14:10:59
		Total Time	0:06:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m^3
1	09/19/2014	08:25:59	0.031
2	09/19/2014	08:40:59	0.027
3	09/19/2014	08:55:59	0.026
4	09/19/2014	09:10:59	0.024
5	09/19/2014	09:25:59	0.025
6	09/19/2014	09:40:59	0.024
7	09/19/2014	09:55:59	0.023
8	09/19/2014	10:10:59	0.022
9	09/19/2014	10:25:59	0.021
10	09/19/2014	10:40:59	0.021
11	09/19/2014	10:55:59	0.021
12	09/19/2014	11:10:59	0.021
13	09/19/2014	11:25:59	0.019
14	09/19/2014	11:40:59	0.019
15	09/19/2014	11:55:59	0.021
16	09/19/2014	12:10:59	0.020
17	09/19/2014	12:25:59	0.019
18	09/19/2014	12:40:59	0.020
19	09/19/2014	12:55:59	0.020
20	09/19/2014	13:10:59	0.019
21	09/19/2014	13:25:59	0.022
22	09/19/2014	13:40:59	0.021
23	09/19/2014	13:55:59	0.020
24	09/19/2014	14:10:59	0.019

Test 004

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/19/2014
Instrument S/N	8530110315	Start Time	08:06:37
		Stop Date	09/19/2014
		Stop Time	14:21:37
		Total Time	0:06:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m^3
1	09/19/2014	08:21:37	0.032
2	09/19/2014	08:36:37	0.027
3	09/19/2014	08:51:37	0.025
4	09/19/2014	09:06:37	0.024
5	09/19/2014	09:21:37	0.024
6	09/19/2014	09:36:37	0.025
7	09/19/2014	09:51:37	0.024
8	09/19/2014	10:06:37	0.023
9	09/19/2014	10:21:37	0.022
10	09/19/2014	10:36:37	0.022
11	09/19/2014	10:51:37	0.020
12	09/19/2014	11:06:37	0.021
13	09/19/2014	11:21:37	0.020
14	09/19/2014	11:36:37	0.020
15	09/19/2014	11:51:37	0.020
16	09/19/2014	12:06:37	0.021
17	09/19/2014	12:21:37	0.020
18	09/19/2014	12:36:37	0.020
19	09/19/2014	12:51:37	0.020
20	09/19/2014	13:06:37	0.020
21	09/19/2014	13:21:37	0.022
22	09/19/2014	13:36:37	0.021
23	09/19/2014	13:51:37	0.022
24	09/19/2014	14:06:37	0.021
25	09/19/2014	14:21:37	0.023

Test 003

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	09/19/2014
Instrument S/N	8533132902	Start Time	08:22:53
		Stop Date	09/19/2014
		Stop Time	14:22:53
		Total Time	0:06:00:00
		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	09/19/2014	08:37:53	0.013	0.013	0.014	0.014	0.014
2	09/19/2014	08:52:53	0.012	0.013	0.013	0.013	0.013
3	09/19/2014	09:07:53	0.011	0.011	0.012	0.012	0.012
4	09/19/2014	09:22:53	0.011	0.012	0.012	0.012	0.012
5	09/19/2014	09:37:53	0.010	0.011	0.011	0.011	0.011
6	09/19/2014	09:52:53	0.010	0.011	0.011	0.011	0.011
7	09/19/2014	10:07:53	0.010	0.010	0.010	0.010	0.010
8	09/19/2014	10:22:53	0.009	0.010	0.010	0.010	0.010
9	09/19/2014	10:37:53	0.009	0.010	0.010	0.010	0.010
10	09/19/2014	10:52:53	0.009	0.009	0.009	0.009	0.009
11	09/19/2014	11:07:53	0.010	0.010	0.010	0.010	0.010
12	09/19/2014	11:22:53	0.009	0.009	0.009	0.010	0.010
13	09/19/2014	11:37:53	0.009	0.009	0.009	0.009	0.009
14	09/19/2014	11:52:53	0.010	0.010	0.010	0.010	0.010
15	09/19/2014	12:07:53	0.010	0.010	0.011	0.011	0.011
16	09/19/2014	12:22:53	0.009	0.010	0.010	0.010	0.010
17	09/19/2014	12:37:53	0.010	0.010	0.010	0.010	0.010
18	09/19/2014	12:52:53	0.011	0.011	0.011	0.011	0.011
19	09/19/2014	13:07:53	0.010	0.010	0.010	0.010	0.010
20	09/19/2014	13:22:53	0.011	0.011	0.011	0.011	0.011
21	09/19/2014	13:37:53	0.011	0.011	0.011	0.011	0.011
22	09/19/2014	13:52:53	0.011	0.011	0.011	0.011	0.011
23	09/19/2014	14:07:53	0.009	0.009	0.009	0.009	0.009
24	09/19/2014	14:22:53	0.010	0.010	0.010	0.010	0.010



TETRA TECH BAS

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

Date: 9/19/2014Work Activity / Location: Sand Filter Tanks / Waste Water Plant

Cycle Reading No.	Upwind 1		Downwind 1		Downwind 2		Downwind 3	
	Location:	U-1	Location:	M-1	Location:	M-2	Location:	M-3
	Serial No.:	8530113011	Serial No.:	8530100906	Serial No.:	8530113811	Serial No.:	8530141008
	Time	Reading (mg/m³)						
1	7:05	0.027	7:07	0.033	7:10	0.026	7:10	0.040
2	7:20	0.024	7:21	0.031	7:23	0.021	7:23	0.030
3	7:36	0.022	7:35	0.032	7:36	0.025	7:37	0.025
4	7:53	0.072	7:51	0.043	7:52	0.029	7:51	0.027
5	8:12	0.030	8:11	0.035	8:14	0.028	8:13	0.029
6	8:28	0.024	8:27	0.029	8:30	0.019	8:30	0.023
7	8:46	0.025	8:45	0.034	8:48	0.039	8:48	0.025
8	9:02	0.014	9:01	0.028	9:04	0.018	9:04	0.024
9	9:19	0.019	9:18	0.029	9:21	0.020	9:20	0.024
10	9:32	0.022	9:31	0.028	9:34	0.022	9:33	0.021
11	9:46	0.020	9:45	0.028	9:48	0.020	9:47	0.020
12	9:59	0.019	9:59	0.026	10:01	0.020	10:01	0.016
13	10:15	0.020	10:14	0.026	10:16	0.018	10:16	0.017
14	10:30	0.020	10:29	0.029	10:32	0.019	10:32	0.02
15	10:46	0.021	10:45	0.026	10:48	0.018	10:48	0.016
16	11:00	0.020	11:00	0.027	11:02	0.022	11:02	0.014
17	11:16	0.018	11:15	0.030	11:18	0.022	11:18	0.016
18	11:32	0.019	11:31	0.028	11:33	0.018	11:33	0.013
19	11:45	0.020	11:44	0.027	11:47	0.018	11:47	0.014
20	12:01	0.022	12:01	0.031	12:03	0.017	12:03	0.016
21	12:16	0.022	12:15	0.030	12:17	0.018	12:17	0.012
22	12:30	0.021	12:29	0.029	12:32	0.019	12:32	0.014
23	12:45	0.021	12:45	0.030	12:47	0.018	12:47	0.014
24	13:12	0.024	13:11	0.031	13:14	0.020	13:14	0.013
25	13:30	0.023	13:30	0.030	13:33	0.020	13:33	0.016
26	13:44	0.022	13:45	0.030	13:47	0.019	13:47	0.012
27	14:00	0.023	14:00	0.030	14:02	0.021	14:02	0.015
28	14:15	0.026	14:14	0.028	14:17	0.021	14:17	0.011
29	14:29	0.024	14:28	0.029	14:31	0.018	14:36	0.012
30								
31								
32								

Time	7:00	9:05	11:05	13:15			
Wind Direction	SW	SW	SW	SW			
Avg. Wind Speed	0	2.2	0	2			[mph]
Temperature	74.3	73.2	80	82			[°F]

Comments: Castlerock arrived at 9:30am to disconnect negative pressure system and deconstruct tent enclosure.

Finished work at 14:25. Maximum wind speed observed at 9 mph around 2pm.

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

Recorded By:	Teri Daigle / Henry Jaquez	Date:	9/19/2014
Reviewed By:	Nick Somogyi	Date:	9/19/2014

Test 005

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/19/2014
Instrument S/N	8530113011	Start Time	06:48:07
		Stop Date	09/19/2014
		Stop Time	14:33:07
		Total Time	0:07:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m^3
1	09/19/2014	07:03:07	0.033
2	09/19/2014	07:18:07	0.026
3	09/19/2014	07:33:07	0.025
4	09/19/2014	07:48:07	0.026
5	09/19/2014	08:03:07	0.036
6	09/19/2014	08:18:07	0.027
7	09/19/2014	08:33:07	0.024
8	09/19/2014	08:48:07	0.024
9	09/19/2014	09:03:07	0.023
10	09/19/2014	09:18:07	0.023
11	09/19/2014	09:33:07	0.021
12	09/19/2014	09:48:07	0.021
13	09/19/2014	10:03:07	0.019
14	09/19/2014	10:18:07	0.020
15	09/19/2014	10:33:07	0.020
16	09/19/2014	10:48:07	0.020
17	09/19/2014	11:03:07	0.020
18	09/19/2014	11:18:07	0.020
19	09/19/2014	11:33:07	0.020
20	09/19/2014	11:48:07	0.020
21	09/19/2014	12:03:07	0.023
22	09/19/2014	12:18:07	0.021
23	09/19/2014	12:33:07	0.021
24	09/19/2014	12:48:07	0.021
25	09/19/2014	13:03:07	0.022
26	09/19/2014	13:18:07	0.023
27	09/19/2014	13:33:07	0.024
28	09/19/2014	13:48:07	0.024
29	09/19/2014	14:03:07	0.024
30	09/19/2014	14:18:07	0.026
31	09/19/2014	14:33:07	0.023

Test 007

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/19/2014
Instrument S/N	8530100906	Start Time	06:50:58
		Stop Date	09/19/2014
		Stop Time	14:35:58
		Total Time	0:07:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m^3
1	09/19/2014	07:05:58	0.032
2	09/19/2014	07:20:58	0.033
3	09/19/2014	07:35:58	0.032
4	09/19/2014	07:50:58	0.032
5	09/19/2014	08:05:58	0.038
6	09/19/2014	08:20:58	0.032
7	09/19/2014	08:35:58	0.030
8	09/19/2014	08:50:58	0.029
9	09/19/2014	09:05:58	0.028
10	09/19/2014	09:20:58	0.028
11	09/19/2014	09:35:58	0.028
12	09/19/2014	09:50:58	0.028
13	09/19/2014	10:05:58	0.027
14	09/19/2014	10:20:58	0.027
15	09/19/2014	10:35:58	0.027
16	09/19/2014	10:50:58	0.027
17	09/19/2014	11:05:58	0.027
18	09/19/2014	11:20:58	0.028
19	09/19/2014	11:35:58	0.028
20	09/19/2014	11:50:58	0.028
21	09/19/2014	12:05:58	0.030
22	09/19/2014	12:20:58	0.028
23	09/19/2014	12:35:58	0.029
24	09/19/2014	12:50:58	0.029
25	09/19/2014	13:05:58	0.030
26	09/19/2014	13:20:58	0.030
27	09/19/2014	13:35:58	0.031
28	09/19/2014	13:50:58	0.031
29	09/19/2014	14:05:58	0.030
30	09/19/2014	14:20:58	0.029
31	09/19/2014	14:35:58	0.028

Test 005

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/19/2014
Instrument S/N	8530113811	Start Time	06:48:12
		Stop Date	09/19/2014
		Stop Time	14:33:12
		Total Time	0:07:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m^3
1	09/19/2014	07:03:12	0.030
2	09/19/2014	07:18:12	0.029
3	09/19/2014	07:33:12	0.025
4	09/19/2014	07:48:12	0.029
5	09/19/2014	08:03:12	0.033
6	09/19/2014	08:18:12	0.027
7	09/19/2014	08:33:12	0.025
8	09/19/2014	08:48:12	0.022
9	09/19/2014	09:03:12	0.022
10	09/19/2014	09:18:12	0.021
11	09/19/2014	09:33:12	0.021
12	09/19/2014	09:48:12	0.022
13	09/19/2014	10:03:12	0.020
14	09/19/2014	10:18:12	0.020
15	09/19/2014	10:33:12	0.020
16	09/19/2014	10:48:12	0.019
17	09/19/2014	11:03:12	0.019
18	09/19/2014	11:18:12	0.020
19	09/19/2014	11:33:12	0.020
20	09/19/2014	11:48:12	0.018
21	09/19/2014	12:03:12	0.021
22	09/19/2014	12:18:12	0.018
23	09/19/2014	12:33:12	0.018
24	09/19/2014	12:48:12	0.019
25	09/19/2014	13:03:12	0.019
26	09/19/2014	13:18:12	0.020
27	09/19/2014	13:33:12	0.021
28	09/19/2014	13:48:12	0.020
29	09/19/2014	14:03:12	0.019
30	09/19/2014	14:18:12	0.021
31	09/19/2014	14:33:12	0.018

Test 007

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/19/2014
Instrument S/N	8530141008	Start Time	06:44:40
		Stop Date	09/19/2014
		Stop Time	14:29:40
		Total Time	0:07:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m^3
1	09/19/2014	06:59:40	0.045
2	09/19/2014	07:14:40	0.037
3	09/19/2014	07:29:40	0.029
4	09/19/2014	07:44:40	0.038
5	09/19/2014	07:59:40	0.041
6	09/19/2014	08:14:40	0.028
7	09/19/2014	08:29:40	0.027
8	09/19/2014	08:44:40	0.022
9	09/19/2014	08:59:40	0.024
10	09/19/2014	09:14:40	0.022
11	09/19/2014	09:29:40	0.021
12	09/19/2014	09:44:40	0.021
13	09/19/2014	09:59:40	0.018
14	09/19/2014	10:14:40	0.017
15	09/19/2014	10:29:40	0.017
16	09/19/2014	10:44:40	0.016
17	09/19/2014	10:59:40	0.015
18	09/19/2014	11:14:40	0.016
19	09/19/2014	11:29:40	0.016
20	09/19/2014	11:44:40	0.014
21	09/19/2014	11:59:40	0.017
22	09/19/2014	12:14:40	0.014
23	09/19/2014	12:29:40	0.013
24	09/19/2014	12:44:40	0.014
25	09/19/2014	12:59:40	0.014
26	09/19/2014	13:14:40	0.014
27	09/19/2014	13:29:40	0.015
28	09/19/2014	13:44:40	0.015
29	09/19/2014	13:59:40	0.014
30	09/19/2014	14:14:40	0.016
31	09/19/2014	14:29:40	0.014

Monitoring Results / Reports
(September 22, 2014)



EX 5e and 6a REPAIR AREAS
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: 9/22/2014

Work Activity / Location: 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 <th>Serial No.:</th> <td>8530100906<th>Serial No.:</th><td>8530113811</td></td>	Serial No.:	8530100906 <th>Serial No.:</th> <td>8530113811</td>	Serial No.:	8530113811
	Time	Reading (mg/m³)	Time	Reading (mg/m³)	Time	Reading (mg/m³)	Time	Reading (mg/m³)
1	5:23	0.073	5:15	0.068	5:08	0.056	5:19	0.074
2	6:36	0.06	6:35	0.060	6:32	0.062	6:36	0.058
3	7:10	0.052	7:09	0.056	7:07	0.059	7:10	0.057
4	7:28	0.05	7:26	0.053	7:26	0.062	7:28	0.051
5	7:49	0.061	7:47	0.060	7:47	0.064	7:49	0.062
6	8:05	0.063	8:06	0.068	8:06	0.067	8:05	0.059
7	8:23	0.061	8:21	0.066	8:20	0.059	8:23	0.054
8	9:13	0.079	9:12	0.077	9:10	0.083	9:13	0.079
9	9:25	0.075	9:24	0.074	9:25	0.078	9:25	0.070
10	10:54	0.052	10:52	0.049	10:53	0.052	10:54	0.051
11	11:55	0.034	11:56	0.059	11:56	0.039	11:59	0.036
12	12:40	0.031	12:38	0.037	12:38	0.044	12:40	0.034
13	1:06	0.029	1:04	0.034	1:03	0.041	1:04	0.039
14	1:31	0.028	1:29	0.037	1:28	0.042	1:31	0.030
15	1:42	0.029	1:40	0.035	1:41	0.040	1:42	0.029
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Time	5:05	12:05	12:45				
Wind Direction	SW	SW	SW				
Avg. Wind Speed	0	2.7	3.6				[mph]
Temperature	67.3	81.3	80				[°F]

Comments: Work started at approximately 5:15am and finished at 1:20pm.

Tent enclosure pressure = -0.138" w.c. at 7:15am, = -0.118" w.c. at 8:40am, = -0.114" w.c. at 8:55am, = -0.096" w.c. at 9:10am.

Tent enclosure pressure = -0.019" w.c. at 12:10pm, = -0.012" w.c. at 12:30pm.

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

Recorded By: Henry Jaquez

Date: 9/22/2014

Reviewed By: Nick Somogyi

Date: 9/22/2014

Test 008

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/22/2014
Instrument S/N	8530141008	Start Time	05:22:46
		Stop Date	09/22/2014
		Stop Time	14:07:46
		Total Time	0:08:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m^3
1	09/22/2014	05:37:46	0.083
2	09/22/2014	05:52:46	0.081
3	09/22/2014	06:07:46	0.098
4	09/22/2014	06:22:46	0.073
5	09/22/2014	06:37:46	0.065
6	09/22/2014	06:52:46	0.064
7	09/22/2014	07:07:46	0.063
8	09/22/2014	07:22:46	0.057
9	09/22/2014	07:37:46	0.060
10	09/22/2014	07:52:46	0.063
11	09/22/2014	08:07:46	0.063
12	09/22/2014	08:22:46	0.065
13	09/22/2014	08:37:46	0.073
14	09/22/2014	08:52:46	0.072
15	09/22/2014	09:07:46	0.076
16	09/22/2014	09:22:46	0.076
17	09/22/2014	09:37:46	0.079
18	09/22/2014	09:52:46	0.080
19	09/22/2014	10:07:46	0.084
20	09/22/2014	10:22:46	0.082
21	09/22/2014	10:37:46	0.068
22	09/22/2014	10:52:46	0.063
23	09/22/2014	11:07:46	0.049
24	09/22/2014	11:22:46	0.051
25	09/22/2014	11:37:46	0.044
26	09/22/2014	11:52:46	0.031
27	09/22/2014	12:07:46	0.033
28	09/22/2014	12:22:46	0.033
29	09/22/2014	12:37:46	0.032
30	09/22/2014	12:52:46	0.034
31	09/22/2014	13:07:46	0.030
32	09/22/2014	13:22:46	0.031
33	09/22/2014	13:37:46	0.028
34	09/22/2014	13:52:46	0.026
35	09/22/2014	14:07:46	0.025

Test 006

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/22/2014
Instrument S/N	8530113011	Start Time	05:13:36
		Stop Date	09/22/2014
		Stop Time	13:58:36
		Total Time	0:08:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m^3
1	09/22/2014	05:28:36	0.071
2	09/22/2014	05:43:36	0.068
3	09/22/2014	05:58:36	0.071
4	09/22/2014	06:13:36	0.081
5	09/22/2014	06:28:36	0.065
6	09/22/2014	06:43:36	0.061
7	09/22/2014	06:58:36	0.063
8	09/22/2014	07:13:36	0.057
9	09/22/2014	07:28:36	0.055
10	09/22/2014	07:43:36	0.059
11	09/22/2014	07:58:36	0.064
12	09/22/2014	08:13:36	0.066
13	09/22/2014	08:28:36	0.066
14	09/22/2014	08:43:36	0.067
15	09/22/2014	08:58:36	0.070
16	09/22/2014	09:13:36	0.074
17	09/22/2014	09:28:36	0.073
18	09/22/2014	09:43:36	0.077
19	09/22/2014	09:58:36	0.075
20	09/22/2014	10:13:36	0.078
21	09/22/2014	10:28:36	0.070
22	09/22/2014	10:43:36	0.067
23	09/22/2014	10:58:36	0.058
24	09/22/2014	11:13:36	0.048
25	09/22/2014	11:28:36	0.051
26	09/22/2014	11:43:36	0.038
27	09/22/2014	11:58:36	0.034
28	09/22/2014	12:13:36	0.036
29	09/22/2014	12:28:36	0.036
30	09/22/2014	12:43:36	0.037
31	09/22/2014	12:58:36	0.038
32	09/22/2014	13:13:36	0.036
33	09/22/2014	13:28:36	0.034
34	09/22/2014	13:43:36	0.032
35	09/22/2014	13:58:36	0.031

Test 008

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/22/2014
Instrument S/N	8530100906	Start Time	05:07:24
		Stop Date	09/22/2014
		Stop Time	13:52:24
		Total Time	0:08:45:00
		Logging Interval	900 seconds

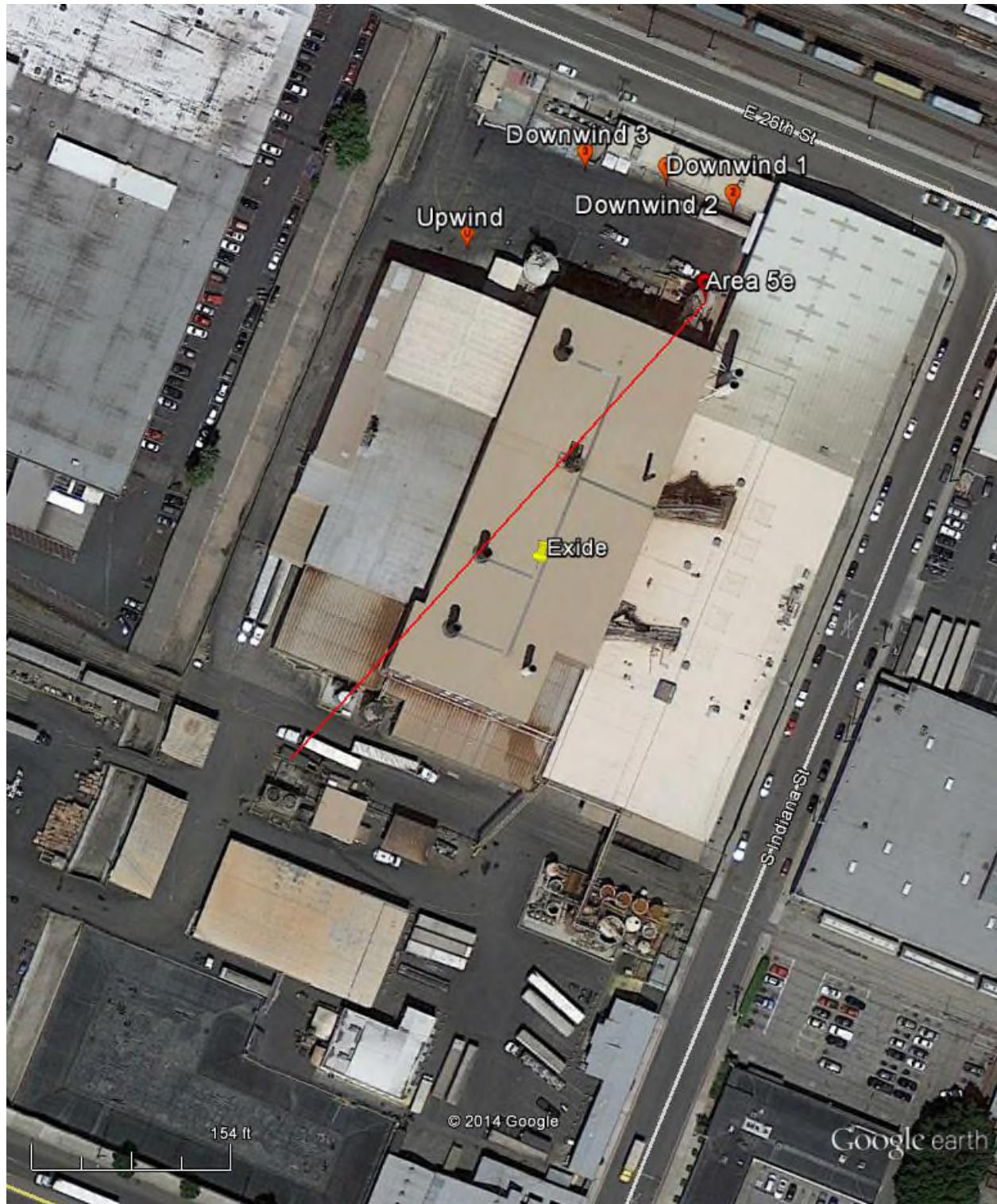
Test Data			
Data Point	Date	Time	AEROSOL mg/m^3
1	09/22/2014	05:22:24	0.065
2	09/22/2014	05:37:24	0.068
3	09/22/2014	05:52:24	0.066
4	09/22/2014	06:07:24	0.080
5	09/22/2014	06:22:24	0.067
6	09/22/2014	06:37:24	0.060
7	09/22/2014	06:52:24	0.065
8	09/22/2014	07:07:24	0.060
9	09/22/2014	07:22:24	0.057
10	09/22/2014	07:37:24	0.059
11	09/22/2014	07:52:24	0.064
12	09/22/2014	08:07:24	0.066
13	09/22/2014	08:22:24	0.068
14	09/22/2014	08:37:24	0.072
15	09/22/2014	08:52:24	0.074
16	09/22/2014	09:07:24	0.076
17	09/22/2014	09:22:24	0.078
18	09/22/2014	09:37:24	0.079
19	09/22/2014	09:52:24	0.078
20	09/22/2014	10:07:24	0.078
21	09/22/2014	10:22:24	0.078
22	09/22/2014	10:37:24	0.064
23	09/22/2014	10:52:24	0.060
24	09/22/2014	11:07:24	0.049
25	09/22/2014	11:22:24	0.051
26	09/22/2014	11:37:24	0.045
27	09/22/2014	11:52:24	0.038
28	09/22/2014	12:07:24	0.040
29	09/22/2014	12:22:24	0.041
30	09/22/2014	12:37:24	0.041
31	09/22/2014	12:52:24	0.042
32	09/22/2014	13:07:24	0.040
33	09/22/2014	13:22:24	0.041
34	09/22/2014	13:37:24	0.039
35	09/22/2014	13:52:24	0.038

Test 006

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/22/2014
Instrument S/N	8530113811	Start Time	05:17:43
		Stop Date	09/22/2014
		Stop Time	14:02:43
		Total Time	0:08:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m^3
1	09/22/2014	05:32:43	0.080
2	09/22/2014	05:47:43	0.075
3	09/22/2014	06:02:43	0.087
4	09/22/2014	06:17:43	0.077
5	09/22/2014	06:32:43	0.071
6	09/22/2014	06:47:43	0.064
7	09/22/2014	07:02:43	0.063
8	09/22/2014	07:17:43	0.059
9	09/22/2014	07:32:43	0.058
10	09/22/2014	07:47:43	0.061
11	09/22/2014	08:02:43	0.060
12	09/22/2014	08:17:43	0.061
13	09/22/2014	08:32:43	0.066
14	09/22/2014	08:47:43	0.070
15	09/22/2014	09:02:43	0.072
16	09/22/2014	09:17:43	0.075
17	09/22/2014	09:32:43	0.073
18	09/22/2014	09:47:43	0.078
19	09/22/2014	10:02:43	0.077
20	09/22/2014	10:17:43	0.081
21	09/22/2014	10:32:43	0.067
22	09/22/2014	10:47:43	0.066
23	09/22/2014	11:02:43	0.055
24	09/22/2014	11:17:43	0.048
25	09/22/2014	11:32:43	0.049
26	09/22/2014	11:47:43	0.035
27	09/22/2014	12:02:43	0.033
28	09/22/2014	12:17:43	0.035
29	09/22/2014	12:32:43	0.035
30	09/22/2014	12:47:43	0.036
31	09/22/2014	13:02:43	0.034
32	09/22/2014	13:17:43	0.035
33	09/22/2014	13:32:43	0.031
34	09/22/2014	13:47:43	0.029
35	09/22/2014	14:02:43	0.029

Monitoring Results / Reports
(September 23, 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: 9/23/2014

Work Activity / Location: 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 <th>Serial No.:</th> <td>8530141008<th>Serial No.:</th><td>8533132902</td></td>	Serial No.:	8530141008 <th>Serial No.:</th> <td>8533132902</td>	Serial No.:	8533132902
	Time	Reading (mg/m³)	Time	Reading (mg/m³)	Time	Reading (mg/m³)	Time	Reading (mg/m³)
1	7:04	0.061	7:04	0.063	7:03	0.068	7:04	0.056
2	7:19	0.082	7:22	0.071	7:22	0.081	7:21	0.083
3	7:31	0.081	7:30	0.068	7:30	0.072	7:31	0.080
4	7:43	0.073	7:42	0.075	7:42	0.067	7:43	0.061
5	8:00	0.069	8:01	0.061	8:02	0.069	8:00	0.057
6	8:17	0.078	8:16	0.080	8:16	0.094	8:17	0.070
7	8:32	0.081	8:34	0.076	8:34	0.086	8:32	0.068
8	8:47	0.082	8:45	0.071	8:45	0.078	8:47	0.073
9	9:20	0.107	9:25	0.117	9:24	0.141	9:23	0.088
10	9:46	0.109	9:47	0.109	9:45	0.139	9:47	0.091
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Time	7:18	9:20					
Wind Direction	SW	SW					
Avg. Wind Speed	0	1.1					[mph]
Temperature	68.1	72.7					[°F]

Comments:

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

Recorded By: Henry Jaquez

Date: 9/23/2014

Reviewed By: Nick Somogyi

Date: 9/23/2014

Test 009

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/23/2014
Instrument S/N	8530100906	Start Time	06:08:21
		Stop Date	09/23/2014
		Stop Time	12:08:21
		Total Time	0:06:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m^3
1	09/23/2014	06:23:21	0.085
2	09/23/2014	06:38:21	0.058
3	09/23/2014	06:53:21	0.063
4	09/23/2014	07:08:21	0.063
5	09/23/2014	07:23:21	0.077
6	09/23/2014	07:38:21	0.066
7	09/23/2014	07:53:21	0.078
8	09/23/2014	08:08:21	0.084
9	09/23/2014	08:23:21	0.076
10	09/23/2014	08:38:21	0.076
11	09/23/2014	08:53:21	0.098
12	09/23/2014	09:08:21	0.105
13	09/23/2014	09:23:21	0.118
14	09/23/2014	09:38:21	0.107
15	09/23/2014	09:53:21	0.106
16	09/23/2014	10:08:21	0.100
17	09/23/2014	10:23:21	0.095
18	09/23/2014	10:38:21	0.091
19	09/23/2014	10:53:21	0.095
20	09/23/2014	11:08:21	0.101
21	09/23/2014	11:23:21	0.098
22	09/23/2014	11:38:21	0.089
23	09/23/2014	11:53:21	0.077
24	09/23/2014	12:08:21	0.069

Test 007

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/23/2014
Instrument S/N	8530113011	Start Time	06:05:17
		Stop Date	09/23/2014
		Stop Time	12:05:17
		Total Time	0:06:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m^3
1	09/23/2014	06:20:17	0.067
2	09/23/2014	06:35:17	0.058
3	09/23/2014	06:50:17	0.061
4	09/23/2014	07:05:17	0.065
5	09/23/2014	07:20:17	0.073
6	09/23/2014	07:35:17	0.068
7	09/23/2014	07:50:17	0.073
8	09/23/2014	08:05:17	0.094
9	09/23/2014	08:20:17	0.090
10	09/23/2014	08:35:17	0.078
11	09/23/2014	08:50:17	0.097
12	09/23/2014	09:05:17	0.110
13	09/23/2014	09:20:17	0.128
14	09/23/2014	09:35:17	0.122
15	09/23/2014	09:50:17	0.119
16	09/23/2014	10:05:17	0.109
17	09/23/2014	10:20:17	0.105
18	09/23/2014	10:35:17	0.103
19	09/23/2014	10:50:17	0.105
20	09/23/2014	11:05:17	0.115
21	09/23/2014	11:20:17	0.118
22	09/23/2014	11:35:17	0.110
23	09/23/2014	11:50:17	0.096
24	09/23/2014	12:05:17	0.082

Test 009

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/23/2014
Instrument S/N	8530141008	Start Time	06:47:58
		Stop Date	09/23/2014
		Stop Time	11:47:58
		Total Time	0:05:00:00
		Logging Interval	900 seconds

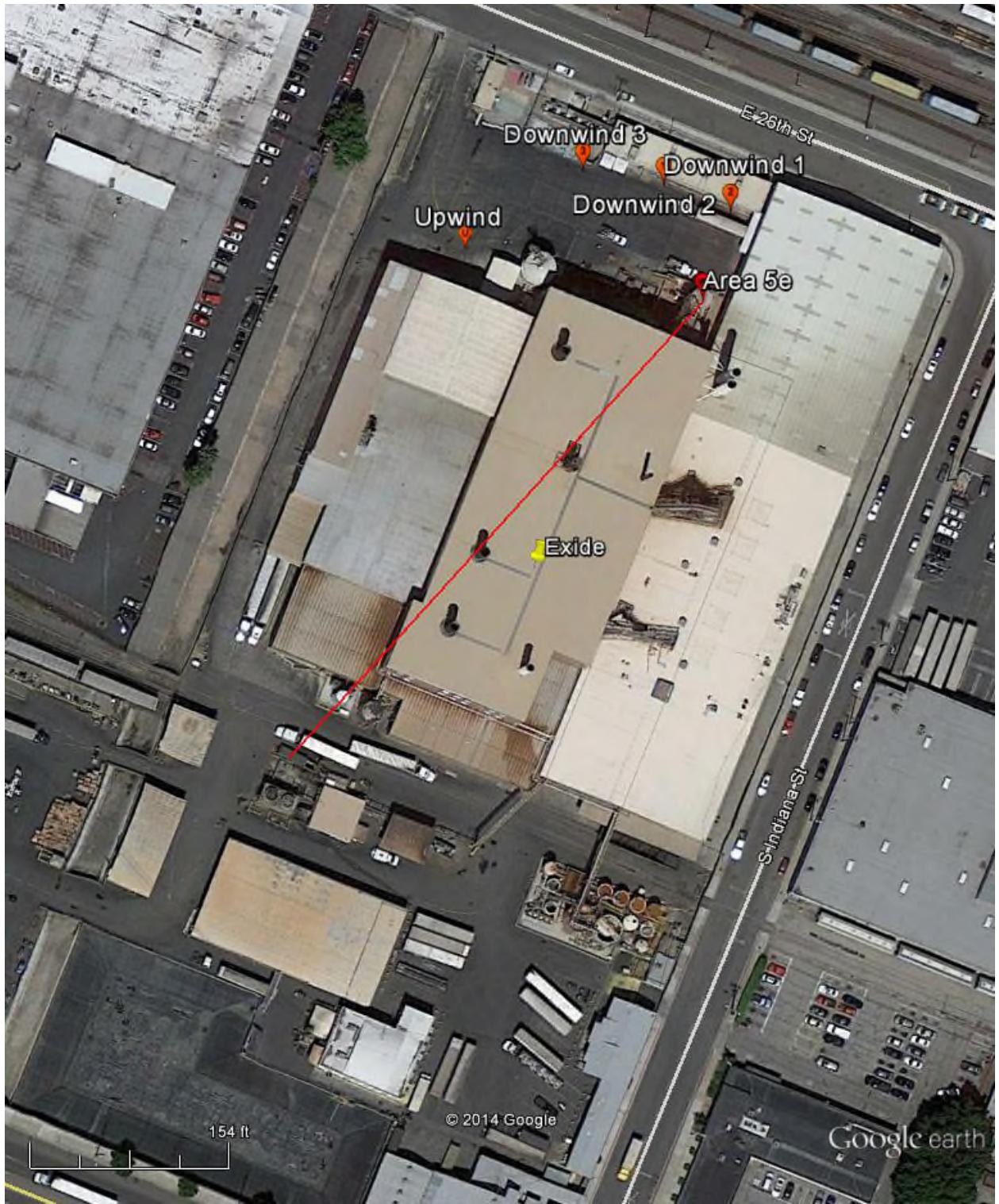
Test Data			
Data Point	Date	Time	AEROSOL mg/m^3
1	09/23/2014	07:02:58	0.071
2	09/23/2014	07:17:58	0.072
3	09/23/2014	07:32:58	0.074
4	09/23/2014	07:47:58	0.076
5	09/23/2014	08:02:58	0.094
6	09/23/2014	08:17:58	0.097
7	09/23/2014	08:32:58	0.089
8	09/23/2014	08:47:58	0.110
9	09/23/2014	09:02:58	0.131
10	09/23/2014	09:17:58	0.149
11	09/23/2014	09:32:58	0.147
12	09/23/2014	09:47:58	0.138
13	09/23/2014	10:02:58	0.127
14	09/23/2014	10:17:58	0.119
15	09/23/2014	10:32:58	0.108
16	09/23/2014	10:47:58	0.105
17	09/23/2014	11:02:58	0.109
18	09/23/2014	11:17:58	0.111
19	09/23/2014	11:32:58	0.102
20	09/23/2014	11:47:58	0.088

Test 004

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	09/23/2014
Instrument S/N	8533132902	Start Time	06:44:44
		Stop Date	09/23/2014
		Stop Time	11:59:44
		Total Time	0:05:15:00
		Logging Interval	900 seconds

Test Data							
Data Point	Date	Time	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3
1	09/23/2014	06:59:44	0.056	0.060	0.062	0.066	0.067
2	09/23/2014	07:14:44	0.055	0.059	0.061	0.067	0.067
3	09/23/2014	07:29:44	0.057	0.061	0.064	0.076	0.076
4	09/23/2014	07:44:44	0.052	0.056	0.057	0.060	0.060
5	09/23/2014	07:59:44	0.063	0.066	0.068	0.072	0.072
6	09/23/2014	08:14:44	0.066	0.070	0.072	0.076	0.076
7	09/23/2014	08:29:44	0.058	0.061	0.063	0.066	0.066
8	09/23/2014	08:44:44	0.067	0.070	0.071	0.072	0.073
9	09/23/2014	08:59:44	0.083	0.086	0.087	0.088	0.088
10	09/23/2014	09:14:44	0.092	0.096	0.096	0.098	0.098
11	09/23/2014	09:29:44	0.094	0.098	0.098	0.100	0.100
12	09/23/2014	09:44:44	0.087	0.090	0.091	0.092	0.092
13	09/23/2014	09:59:44	0.081	0.084	0.085	0.087	0.087
14	09/23/2014	10:14:44	0.076	0.079	0.080	0.081	0.082
15	09/23/2014	10:29:44	0.073	0.076	0.077	0.079	0.079
16	09/23/2014	10:44:44	0.075	0.078	0.079	0.080	0.080
17	09/23/2014	10:59:44	0.076	0.079	0.079	0.081	0.081
18	09/23/2014	11:14:44	0.081	0.083	0.084	0.086	0.086
19	09/23/2014	11:29:44	0.077	0.080	0.081	0.083	0.083
20	09/23/2014	11:44:44	0.067	0.070	0.070	0.072	0.072
21	09/23/2014	11:59:44	0.055	0.057	0.058	0.060	0.060

Monitoring Results / Reports
(September 24, 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: 9/24/2014

Work Activity / Location: 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.:	8530113011	Serial No.:	8530141008	Serial No.:	8530100906
	Time	Reading (mg/m³)						
1	7:02	0.048	7:00	0.057	6:59	0.056	7:01	0.043
2	7:21	0.051	7:24	0.053	7:26	0.059	7:21	0.041
3	7:45	0.057	7:45	0.068	7:42	0.068	7:44	0.044
4	8:02	0.057	8:01	0.075	8:00	0.079	8:01	0.052
5	8:17	0.059	8:16	0.066	8:16	0.074	8:17	0.048
6	8:28	0.061	8:27	0.061	8:27	0.071	8:29	0.051
7	8:45	0.057	8:46	0.072	8:47	0.076	8:45	0.053
8	9:16	0.065	9:15	0.077	9:14	0.085	9:15	0.055
9	9:30	0.061	9:29	0.076	9:29	0.072	9:30	0.051
10	9:45	0.059	9:43	0.081	9:43	0.070	9:46	0.049
11	10:03	0.067	10:02	0.090	10:01	0.082	10:03	0.061
12	10:17	0.069	10:15	0.086	10:15	0.079	10:16	0.060
13	10:32	0.076	10:30	0.081	10:30	0.083	10:31	0.059
14	10:55	0.060	10:54	0.081	10:53	0.076	10:54	0.060
15	12:00	0.045	12:02	0.059	12:03	0.044	12:01	0.047
16	12:16	0.034	12:17	0.047	12:18	0.033	12:17	0.039
17	12:31	0.039	12:37	0.051	12:38	0.041	12:32	0.041
18	12:45	0.037	12:46	0.050	12:47	0.033	12:45	0.041
19	1:03	0.029	1:05	0.048	1:05	0.031	1:03	0.039
20	1:18	0.025	1:15	0.037	1:15	0.024	1:17	0.042
21	1:33	0.036	1:30	0.031	1:30	0.029	1:32	0.036
22	1:45	0.034	1:43	0.031	1:44	0.015	1:45	0.033
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Time	7:05	9:45	1:00				
Wind Direction	SW	SW	SW				
Avg. Wind Speed	0	0	5.3				[mph]
Temperature	69.5	78.0	86.7				[°F]

Comments: Work started at 7:05am and finished at 1:30pm.

Tent enclosure pressure = -0.096" w.c. at 7:05am, -0.009" w.c. at 8:30am, -0.009" w.c. at 9:30am, -0.006" w.c. at 12:00pm.

Tent enclosure pressure = -0.009" w.c. at 1:30pm.

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

Recorded By: Henry Jaquez

Date: 9/24/2014

Reviewed By: Nick Somogyi

Date: 9/24/2014

Test 005

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	09/24/2014
Instrument S/N	8533132902	Start Time	06:52:40
		Stop Date	09/24/2014
		Stop Time	13:52:40
		Total Time	0:07:00:00
		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	09/24/2014	07:07:40	0.044	0.047	0.049	0.052	0.052
2	09/24/2014	07:22:40	0.043	0.046	0.048	0.051	0.051
3	09/24/2014	07:37:40	0.044	0.048	0.049	0.052	0.052
4	09/24/2014	07:52:40	0.050	0.053	0.054	0.057	0.057
5	09/24/2014	08:07:40	0.052	0.055	0.056	0.059	0.059
6	09/24/2014	08:22:40	0.048	0.051	0.053	0.055	0.056
7	09/24/2014	08:37:40	0.051	0.054	0.055	0.057	0.058
8	09/24/2014	08:52:40	0.056	0.059	0.060	0.062	0.063
9	09/24/2014	09:07:40	0.055	0.058	0.059	0.062	0.062
10	09/24/2014	09:22:40	0.057	0.061	0.062	0.065	0.065
11	09/24/2014	09:37:40	0.058	0.061	0.062	0.066	0.066
12	09/24/2014	09:52:40	0.057	0.060	0.061	0.065	0.065
13	09/24/2014	10:07:40	0.063	0.065	0.067	0.070	0.070
14	09/24/2014	10:22:40	0.067	0.070	0.071	0.075	0.075
15	09/24/2014	10:37:40	0.060	0.063	0.064	0.068	0.068
16	09/24/2014	10:52:40	0.055	0.057	0.059	0.063	0.063
17	09/24/2014	11:07:40	0.047	0.049	0.050	0.053	0.054
18	09/24/2014	11:22:40	0.047	0.049	0.050	0.054	0.054
19	09/24/2014	11:37:40	0.041	0.043	0.044	0.047	0.047
20	09/24/2014	11:52:40	0.043	0.045	0.046	0.048	0.048
21	09/24/2014	12:07:40	0.037	0.038	0.039	0.041	0.041
22	09/24/2014	12:22:40	0.030	0.032	0.033	0.035	0.035
23	09/24/2014	12:37:40	0.029	0.030	0.031	0.033	0.033
24	09/24/2014	12:52:40	0.040	0.042	0.042	0.045	0.045
25	09/24/2014	13:07:40	0.048	0.051	0.051	0.053	0.053
26	09/24/2014	13:22:40	0.030	0.032	0.032	0.034	0.034
27	09/24/2014	13:37:40	0.023	0.024	0.025	0.026	0.026
28	09/24/2014	13:52:40	0.020	0.021	0.021	0.022	0.022

Test 008

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/24/2014
Instrument S/N	8530113011	Start Time	06:55:11
		Stop Date	09/24/2014
		Stop Time	13:40:11
		Total Time	0:06:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	09/24/2014	07:10:11	0.056
2	09/24/2014	07:25:11	0.066
3	09/24/2014	07:40:11	0.065
4	09/24/2014	07:55:11	0.069
5	09/24/2014	08:10:11	0.076
6	09/24/2014	08:25:11	0.068
7	09/24/2014	08:40:11	0.069
8	09/24/2014	08:55:11	0.076
9	09/24/2014	09:10:11	0.075
10	09/24/2014	09:25:11	0.079
11	09/24/2014	09:40:11	0.079
12	09/24/2014	09:55:11	0.074
13	09/24/2014	10:10:11	0.084
14	09/24/2014	10:25:11	0.092
15	09/24/2014	10:40:11	0.082
16	09/24/2014	10:55:11	0.080
17	09/24/2014	11:10:11	0.070
18	09/24/2014	11:25:11	0.069
19	09/24/2014	11:40:11	0.062
20	09/24/2014	11:55:11	0.065
21	09/24/2014	12:10:11	0.056
22	09/24/2014	12:25:11	0.049
23	09/24/2014	12:40:11	0.049
24	09/24/2014	12:55:11	0.067
25	09/24/2014	13:10:11	0.065
26	09/24/2014	13:25:11	0.049
27	09/24/2014	13:40:11	0.040

Test 010

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/24/2014
Instrument S/N	8530141008	Start Time	06:58:41
		Stop Date	09/24/2014
		Stop Time	13:43:41
		Total Time	0:06:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m^3
1	09/24/2014	07:13:41	0.058
2	09/24/2014	07:28:41	0.057
3	09/24/2014	07:43:41	0.063
4	09/24/2014	07:58:41	0.073
5	09/24/2014	08:13:41	0.077
6	09/24/2014	08:28:41	0.071
7	09/24/2014	08:43:41	0.078
8	09/24/2014	08:58:41	0.084
9	09/24/2014	09:13:41	0.083
10	09/24/2014	09:28:41	0.085
11	09/24/2014	09:43:41	0.084
12	09/24/2014	09:58:41	0.079
13	09/24/2014	10:13:41	0.090
14	09/24/2014	10:28:41	0.089
15	09/24/2014	10:43:41	0.073
16	09/24/2014	10:58:41	0.072
17	09/24/2014	11:13:41	0.061
18	09/24/2014	11:28:41	0.055
19	09/24/2014	11:43:41	0.050
20	09/24/2014	11:58:41	0.050
21	09/24/2014	12:13:41	0.039
22	09/24/2014	12:28:41	0.035
23	09/24/2014	12:43:41	0.037
24	09/24/2014	12:58:41	0.058
25	09/24/2014	13:13:41	0.038
26	09/24/2014	13:28:41	0.030
27	09/24/2014	13:43:41	0.024

Test 010

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/24/2014
Instrument S/N	8530100906	Start Time	06:59:54
		Stop Date	09/24/2014
		Stop Time	13:44:54
		Total Time	0:06:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m^3
1	09/24/2014	07:14:54	0.042
2	09/24/2014	07:29:54	0.043
3	09/24/2014	07:44:54	0.045
4	09/24/2014	07:59:54	0.050
5	09/24/2014	08:14:54	0.049
6	09/24/2014	08:29:54	0.047
7	09/24/2014	08:44:54	0.052
8	09/24/2014	08:59:54	0.052
9	09/24/2014	09:14:54	0.052
10	09/24/2014	09:29:54	0.055
11	09/24/2014	09:44:54	0.054
12	09/24/2014	09:59:54	0.054
13	09/24/2014	10:14:54	0.064
14	09/24/2014	10:29:54	0.061
15	09/24/2014	10:44:54	0.057
16	09/24/2014	10:59:54	0.057
17	09/24/2014	11:14:54	0.055
18	09/24/2014	11:29:54	0.050
19	09/24/2014	11:44:54	0.049
20	09/24/2014	11:59:54	0.049
21	09/24/2014	12:14:54	0.042
22	09/24/2014	12:29:54	0.040
23	09/24/2014	12:44:54	0.044
24	09/24/2014	12:59:54	0.053
25	09/24/2014	13:14:54	0.044
26	09/24/2014	13:29:54	0.037
27	09/24/2014	13:44:54	0.036