



SOUTH COAST AQMD
CLERK OF THE BOARDS

December 19, 2014

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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 # 14 (12/11/14 – 12/17/14)

Dear Mr. Pupka,

Tetra Tech Inc. is pleased to present the following Weekly Status Report for the above referenced project. This report covers the period of December 11, 2014 through December 17, 2014.

CURRENT ACTIVITIES WHERE PREVIOUSLY APPROVED MITIGATION MEASURES WERE FULLY IMPLEMENTED

Major items of work performed by Exide and/or its contractor(s) (including specific mitigation measures) currently under way or completed during this reporting period where mitigation measures were observed to be implemented in full compliance with the previously approved mitigation measures under the Mitigation Plan for Construction of Risk Reduction Measures, RCRA RFI Sampling, and Other Plant Activities or other Mitigation Plans, as approved by the SCAQMD, at the site during this period include:

TASK ID	Major Work Item	Mitigation Measure(s)
2a	Dust Removal	Total Enclosure Building Under Negative Pressure
EX 43	West Yard Sump Piping	None Required
5d	Santa Maria Tank #12	Temporary Enclosure Under Negative Pressure in the Total Enclosure Building
EX 69	Scrap Cutting of Large Metal Pieces	Temporary Enclosure Under Negative Pressure in the Total Enclosure Building
3c	Replacement of Blast Furnace Partial Enclosure	Total Enclosure Building Under Negative Pressure
5b	Blast Furnace Activities	Total Enclosure Building Under Negative Pressure
3a	Blast Furnace Tray Type Wet Scrubbing System Installation	Total Enclosure Building Under Negative Pressure
3i	Installation of Rotary Dryer Regenerative Thermal Oxidizer	Total Enclosure Building Under Negative Pressure
3j	Installation of the HEPA Filters on MAC Bag Houses	Total Enclosure Building Under Negative Pressure

Tetra Tech BAS, Inc.

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TASK ID	Major Work Item	Mitigation Measure(s)
EX 73	Stormwater Repair – 3 Manholes	Temporary Enclosure Under Negative Pressure*
EX 33	Building Negative Pressure Monitoring Upgrade	Use of self-tapping screws, Pre-Cleaning of area
EX 44	Underground Pipe Project	Temporary Enclosure Under Negative Pressure*
EX 80	WWTP Containment Coating Repair	Temporary Enclosure Under Negative Pressure*
EX 82	Soil Sampling – Reverb Feed Room Enclosure	Total Enclosure Building Under Negative Pressure
EX 81	Removal & Shipment of Spent Furnace Brick and Refractory	Total Enclosure Building Under Negative Pressure

* Dust Trak monitoring performed for this work item.

Dust Removal

National Response Corporation (NRC) remobilized to the site on Monday, December 15, 2014, and resumed dust removal activities on Wednesday, December 17, 2014, in the Blast Furnace Partial Enclosure area. NRC was working closely with Exide personnel to control and remove dust as Exide personnel removed the blast furnace partial enclosure. Dust removal activities will continue through the next reporting period.

Tetra Tech personnel were onsite to observe work performed by NRC in the total enclosure building. Verification activities included:

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

West Yard Sump Piping

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

Santa Maria Tank #12

Bear Welding continued work within the temporary enclosure erected inside the Total Enclosure Building on Thursday, December 11, 2014, continuing the reconstruction of the Santa Maria Tank #12. Work conducted included installing and welding pieces of the top, sides, and bottom support structure of the Santa Maria Tank #12. Bear Welding's work at the Santa Maria Tank is nearly complete and the tank will be leak tested in the next reporting period.

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

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

Scrap Cutting of Large Metal Pieces

Bear Welding continued work within the temporary enclosure erected inside the Total Enclosure Building on Thursday, December 11, 2014, in support of the reconstruction of the Santa Maria Tank #12. Scrap metal pieces were cut and removed to facilitate the tank reconstruction process. The cutting was conducted inside the temporary enclosure and removed metal pieces were moved out of the enclosure and placed into a lined closed top roll off bin to await transportation and disposal. The roll off bin was located outside of the RMPS room doorway within the west corridor of the baghouse area.

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

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

Blast Furnace Activities and Replacement of Blast Furnace Partial Enclosure

Advanced Construction and Exide Personnel began mobilization for the blast furnace activities on Tuesday, December 16, 2014. On Wednesday, December 17, 2014, they began removing the Blast Furnace partial enclosure and removing large accumulations of hardened lead from the area in and around the Blast Furnace. This work will begin in the next reporting period.

Tetra Tech personnel were onsite to observe installation of the new brick and mortar and welding operations. Verification activities included:

- Verification that the Total Enclosure Building was maintained under negative pressure and vented to operational air pollution control equipment during all observed activities.
- Periodic visual observation of the installation activities to confirm compliance with the supplemental mitigation plan.

Blast Furnace Tray Type Wet Scrubbing System

Advanced Construction and Exide Personnel began mobilization for the blast furnace tray type wet scrubber installation activities on Tuesday, December 16, 2014. On Wednesday, December 17, 2014, they began saw cutting the concrete in the area where the equipment foundation slab will be installed. Concrete and soil removal will begin in the next reporting period.

Tetra Tech personnel were onsite to observe the saw cutting operations. Verification activities included:

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

Rotary Dryer Regenerative Thermal Oxidizer (RTO)

Advanced Construction and Exide Personnel began mobilization for the rotary dryer RTO installation activities on Tuesday December 16, 2014. On Wednesday, December 17, 2014, they began saw cutting the concrete in the area where the equipment foundation slab will be installed. Concrete and soil removal will begin in the next reporting period.

Tetra Tech personnel were onsite to observe saw cutting operations. Verification activities included:

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

HEPA Filters on MAC Bag Houses

Advanced Construction and Exide Personnel began mobilization for installation of the HEPA filters on the MAC bag houses on Tuesday, December 16, 2014. On Wednesday, December 17, 2014, they began saw cutting the concrete in the area

where the equipment foundation slab will be installed. Concrete and soil removal will begin in the next reporting period.

Tetra Tech personnel were onsite to observe saw cutting operations. Verification activities included:

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

Stormwater Repair – 3 Manholes

Innovative Construction Solutions (ICS) and their subcontractor Brownco continued work on the storm water manholes on Thursday, December 11, 2014 and Monday, December 15, at manhole CL-14. All work was done within a temporary enclosure under negative pressure and vented to an SCAQMD permitted HEPA filtration system. Brownco continued to chip out and remove concrete to expose the pipe joint that required repair. Repair activities at manhole CL-14 will continue into the next reporting period. No work was conducted on Friday, December 12, 2014, Tuesday, December 16, 2014, or Wednesday, December 17, 2014, due to rain.

Tetra Tech personnel placed Dust Trak monitors upwind and downwind of the temporary enclosure erected over the work area for manhole CL-14 to monitor for fugitive dust during the repair activities for a portion of the repair activities performed on a daily basis. Tetra Tech personnel also periodically verified that the temporary enclosure maintained negative pressure and was vented to a SCAQMD permitted HEPA filtration system. All Dust Trak monitoring readings upwind and downwind of the work area were generally comparable, indicating that no significant dust emissions were generated from this project

Verification activities included:

- Downwind Dust Trak monitoring on the repair activities performed within the temporary enclosure for a portion of the shift each day, to monitor for fugitive dust emissions.
- Periodic confirmation that negative pressure was maintained by checking the gauge on the temporary enclosure.
- Periodic visual inspection of the enclosure 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 and vented to a SCAQMD permitted HEPA filtration system. Any noted areas where seams needed to be re-taped were repaired by Castlerock prior to resuming work within the enclosure. Seams that needed re-taping were identified during the initial inspection by Tetra Tech personnel or when a drop in negative pressure was noted. Any observed conditions requiring repair were addressed immediately.
- Periodic visual inspection of the completed repair areas to confirm that all liquid and dust had been captured by HEPA vacuum and containerized in sealed 55 gallon drums.

- Periodic visual inspection of drum labels and transfer of the drums to the total enclosure building for proper waste management.

Building Negative Pressure Monitoring Upgrade

Southwest Industrial Electric continued work on this task on Thursday, December 11, 2014. Because the task did not include penetrations into the total enclosure building this activity does not require a temporary negative pressure enclosure. Conduit was installed using self-taping screws between the new enclosures and the power source. Conduit installation will continue into the next reporting period.

Tetra Tech personnel periodically observed the installation activities and observed that no significant dust emissions were generated from this project

Verification activities included:

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

Underground Piping Project

No work related to the underground piping project was observed during this reporting period. Construction of the next temporary enclosure for the next phase of work requiring mitigation was postponed due to inclement weather.

Wastewater Treatment Plant Containment Coating Repair

Haley continued repairs to the wastewater treatment plant containment coating on Thursday, December 11, 2014, and Monday, December 15, 2014. No work was conducted on Friday, December 12, 2014, Tuesday, December 16, or Wednesday December 17 due to rain.

Tetra Tech personnel placed Dust Trak monitors upwind and downwind of the temporary enclosure for fugitive dust during the repair activities for a portion of the repair activities performed on a daily basis. Tetra Tech personnel also periodically verified that the temporary enclosure maintained negative pressure and was vented to a SCAQMD permitted HEPA filtration system. All Dust Trak monitoring readings upwind and downwind of the work area were generally comparable, indicating that no significant dust emissions were generated from this project

Verification activities included:

- Downwind Dust Trak monitoring on the repair activities performed within the temporary enclosure for a portion of the shift each day, to monitor for fugitive dust emissions.
- Periodic confirmation that negative pressure was maintained by checking the gauge on the temporary enclosure.
- Periodic visual inspection of the enclosure 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 and vented to a SCAQMD permitted HEPA filtration system. Any noted areas where seams needed to be re-taped were repaired by Castlerock prior to resuming work within the enclosure. Seams

that needed re-taping were identified during the initial inspection by Tetra Tech personnel or when a drop in negative pressure was noted. Any observed conditions requiring repair were addressed immediately.

- Periodic visual inspection of drum labels and transfer of the drums to the total enclosure building for proper waste management.

Soil Sampling – Reverb Feed Room Enclosure

Advanced Geoscience continued saw cutting the concrete floor in the reverb feed room so that DTSC required subsurface soil sampling could be performed. Sampling activities and patching of the floor were completed on Wednesday, December 17, 2014, within the Total Enclosure Building.

Tetra Tech personnel were onsite to periodically observe the saw cutting and soil sampling activities. Verification activities included:

- Verification that the Total Enclosure Building was maintained under negative pressure and vented to operational air pollution control equipment.
- Periodic confirmation that drilling activities were stopped when ingress and egress through the roll up door were required.
- Periodic observation of the decontamination of the drilling equipment prior to exiting the Total Enclosure Building.

Removal and Shipment of Spent Furnace Brick and Refractory

No work related to the removal and shipment of spent furnace brick and refractory was observed during this reporting period. Tetra Tech personnel were onsite to observe loading and shipment of spent furnace brick and refractory on Thursday, December 11, 2014 at 4:00 am, but the activity was cancelled because soil sampling activities in the reverb feed room were occurring in the loading area. Tetra Tech personnel will attempt to observe the loading of shipment of the spent furnace brick and refractory during the next reporting period.

CURRENT ACTIVITIES WHERE A DEVIATION FROM PREVIOUSLY APPROVED MITIGATION MEASURES WERE OBSERVED AND THE CORRECTIVE ACTIONS TAKEN

Major items of work performed by Exide and/or its contractor(s) (including specific mitigation measures) currently under way or completed during this reporting period where for each of the activities described below, mitigation measures were implemented which to some extent deviated from the previously approved mitigation measures under the Mitigation Plan for Construction of Risk Reducing Measures, RCRA RFI Sampling, and Other Plant Activities or other Mitigation Plans, as approved by the SCAQMD:

TASK ID	Major Work Item	Deviation(s)	CORRECTIVE ACTION
None			

In general accordance with the Order for Abatement Case No. 3151-32 Findings and Decision, air monitoring was conducted during a portion of all repair work performed within the temporary enclosures on a daily basis. Monitoring results are attached. If the results of continuous Dust Trak air monitoring detected excessive dust, additional suppression activities are required to be implemented. For this reporting period, Dust Trak monitoring readings upwind and downwind of the noted work areas were generally comparable, indicating that no significant dust emissions were generated through these tasks. Therefore, no additional dust suppression activities were implemented.

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

WORKER SAFETY CONCERNS:

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

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

WORK SCHEDULED DURING THE UPCOMING PERIOD:

The following activities are anticipated for the upcoming weeks:

Week	Anticipated Activities
Dec. 18 - Dec. 24	<ul style="list-style-type: none"> • Dust Removal Continues • Santa Maria Tank #12 Completes • Scrap Cutting Pieces Completes • Underground Piping Project Continues • Storm Water Repair 3 Manholes Continues • Building Negative Pressure Monitoring Upgrade Continues • Removal & Shipment of Spent Furnace Brick and Refractory Continues • Blast Furnace Activities Continue • Repurposing of North Reverb Baghouse Begins • Replacement of Blast Furnace Partial Enclosure Continues • Installation of Rotary Dryer Regenerative Thermal Oxidizer Continues • Blast Furnace Tray Type Wet Scrubbing System Installation Continues • Installation of HEPA Filters on MAC Baghouses Continues • Installation of Blast RTO begins

Week	Anticipated Activities
Dec 25 - Dec. 31	<ul style="list-style-type: none">• Dust Removal Completes• Underground Pipe Project Continues• Shipment of Spent Furnace Brick Continues• Building Negative Pressure Monitoring Upgrade Continues• Rebuilding of Reverb Baghouse Continues• Replacement of Blast Furnace Partial Enclosure Continues• Installation of Rotary Dryer Regenerative Thermal Oxidizer Continues• Installation of HEPA Filters on MAC Baghouses Continues• Blast Furnace Tray Type Wet Scrubbing System Installation Continues• Installation of Blast RTO Continues

KEY MILESTONES:

The following key milestones were achieved during this reporting period:

- o Soil Sampling – Reverb Feed Room Enclosure – COMPLETE
- o Blast Furnace Activities – BEGAN
- o Blast Furnace Tray Type Wet Scrubbing System Installation – BEGAN
- o Replacement of Blast Furnace Partial Enclosure – BEGAN
- o Installation of Rotary Drier Regenerative Thermal Oxidizer – BEGAN
- o Installation of HEPA Filters on MAC Baghouses – BEGAN

POTENTIAL CHANGES AND ACTION ITEMS REQUIRING RESOLUTION:

The following items require resolution:

- o None at this time.

OTHER NOTES/COMMENTS

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

SUMMARY:

The summary provided herein covers the activities for the period of December 11, 2014 through December 17, 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

Site Map



Mitigation Project Map Layout

Week 12/11/14 – 12/31/14

Rev: 12/18/2014

Ex43. West Yard Sump Piping

2a. Dust Removal

5d. Rebuild of Santa Maria (Tank 12)

Ex73. Stormwater Repair – 3 Manholes

Ex71. Sump 62 Repair

Ex44. Underground Pipe Project

Ex69. Scrap Cutting Pieces

Ex77. Containerizing Reverb Feed

Ex80. WWT Containment Coating Repair

Ex81. Removal & Shipment of Spent Furnace Brick & Refractory

Ex33. Building Negative Pressure Monitoring Upgrade

4. RCRA RFI Soil Sampling

Ex83. RFI Soil Sampling Supplemental

Ex72. Cleaning of Assorted Materials in Total Enclosure

Ex76. Various Work Methods in Total Enclosure

5b. Blast Furnace Activities

Ex82. Soil Sampling – Reverb Feed Room Enclosure

3a. Blast Furnace Tray Type Wet Scrubbing System Installation

Ex84. Rebuilding of Reverb Baghouse

3c. Replacement of Blast Furnace Partial Enclosure

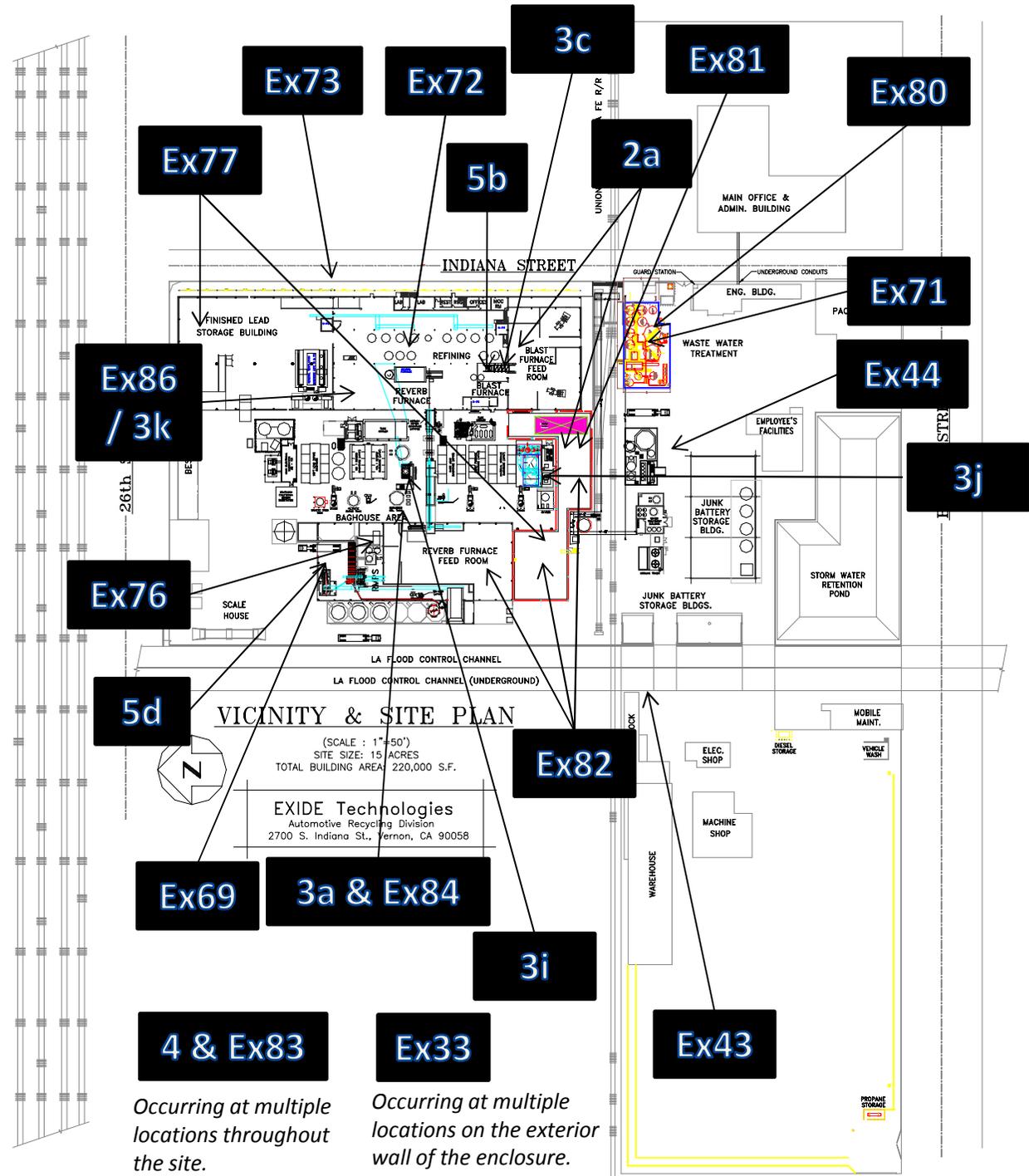
3i. Installation of Rotary Dryer Regenerative Thermal Oxidizer

3j. Installation of HEPA Filters on MAC Baghouses

Ex86 / 3k. Installation of Blast RTO

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

Mitigation Schedule and Map_121814.pptx



Monitoring Results / Reports
(Thursday, December 11, 2014)

ACTIVITY	SERIAL NUMBER	LOCATION
EX-73 – STORM WATER REPAIR CL 14	8530100906	UPWIND
EX-73 – STORM WATER REPAIR CL 14	8533133501	DOWNWIND
EX-80 – WWTP CONTAINMENT COATING REPAIR	8530110315	UPWIND
EX-80 – WWTP CONTAINMENT COATING REPAIR	8530113011	DOWNWIND

Test 061

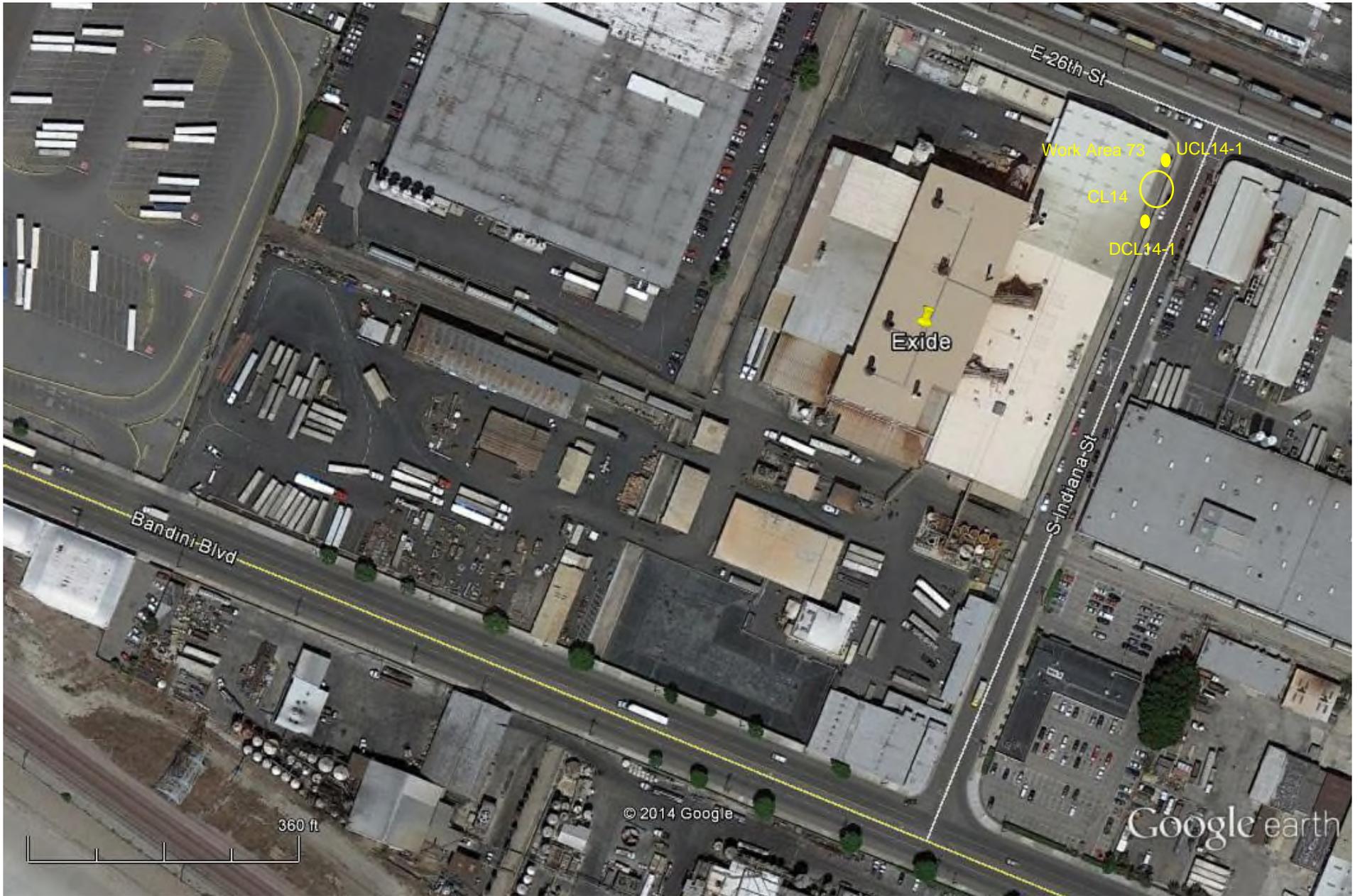
Instrument		Data Properties	
Model	DustTrak II	Start Date	12/11/2014
Instrument S/N	8530100906	Start Time	07:29:42
		Stop Date	12/11/2014
		Stop Time	11:44:42
		Total Time	0:04:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	12/11/2014	07:44:42	0.089
2	12/11/2014	07:59:42	0.074
3	12/11/2014	08:14:42	0.061
4	12/11/2014	08:29:42	0.107
5	12/11/2014	08:44:42	0.106
6	12/11/2014	08:59:42	0.100
7	12/11/2014	09:14:42	0.093
8	12/11/2014	09:29:42	0.071
9	12/11/2014	09:44:42	0.077
10	12/11/2014	09:59:42	0.044
11	12/11/2014	10:14:42	0.032
12	12/11/2014	10:29:42	0.031
13	12/11/2014	10:44:42	0.027
14	12/11/2014	10:59:42	0.031
15	12/11/2014	11:14:42	0.036
16	12/11/2014	11:29:42	0.034
17	12/11/2014	11:44:42	0.027

Test 052

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	12/11/2014
Instrument S/N	8533133501	Start Time	07:30:05
		Stop Date	12/11/2014
		Stop Time	12:00:05
		Total Time	0:04:30:00
		Logging Interval	900 seconds

Test Data							
Data Point	Date	Time	PM1 mg/m ³	PM2.5 mg/m ³	RESP mg/m ³	PM10 mg/m ³	TOTAL mg/m ³
1	12/11/2014	07:45:05	0.058	0.059	0.060	0.061	0.062
2	12/11/2014	08:00:05	0.049	0.051	0.051	0.052	0.052
3	12/11/2014	08:15:05	0.037	0.039	0.039	0.040	0.040
4	12/11/2014	08:30:05	0.072	0.074	0.074	0.075	0.075
5	12/11/2014	08:45:05	0.075	0.076	0.077	0.078	0.078
6	12/11/2014	09:00:05	0.071	0.072	0.073	0.074	0.074
7	12/11/2014	09:15:05	0.064	0.065	0.066	0.066	0.066
8	12/11/2014	09:30:05	0.046	0.047	0.048	0.048	0.048
9	12/11/2014	09:45:05	0.050	0.051	0.052	0.052	0.053
10	12/11/2014	10:00:05	0.029	0.030	0.030	0.031	0.031
11	12/11/2014	10:15:05	0.016	0.017	0.017	0.017	0.017
12	12/11/2014	10:30:05	0.013	0.014	0.015	0.015	0.015
13	12/11/2014	10:45:05	0.011	0.011	0.012	0.012	0.012
14	12/11/2014	11:00:05	0.014	0.014	0.015	0.015	0.015
15	12/11/2014	11:15:05	0.017	0.017	0.018	0.019	0.019
16	12/11/2014	11:30:05	0.016	0.017	0.017	0.018	0.018
17	12/11/2014	11:45:05	0.010	0.010	0.011	0.011	0.011
18	12/11/2014	12:00:05	0.008	0.009	0.009	0.010	0.010



Exide Technologies
2700 Indiana Street
Vernon, CA 90058

12/11/2014 Work Area EX-73 - CL14

Test 035

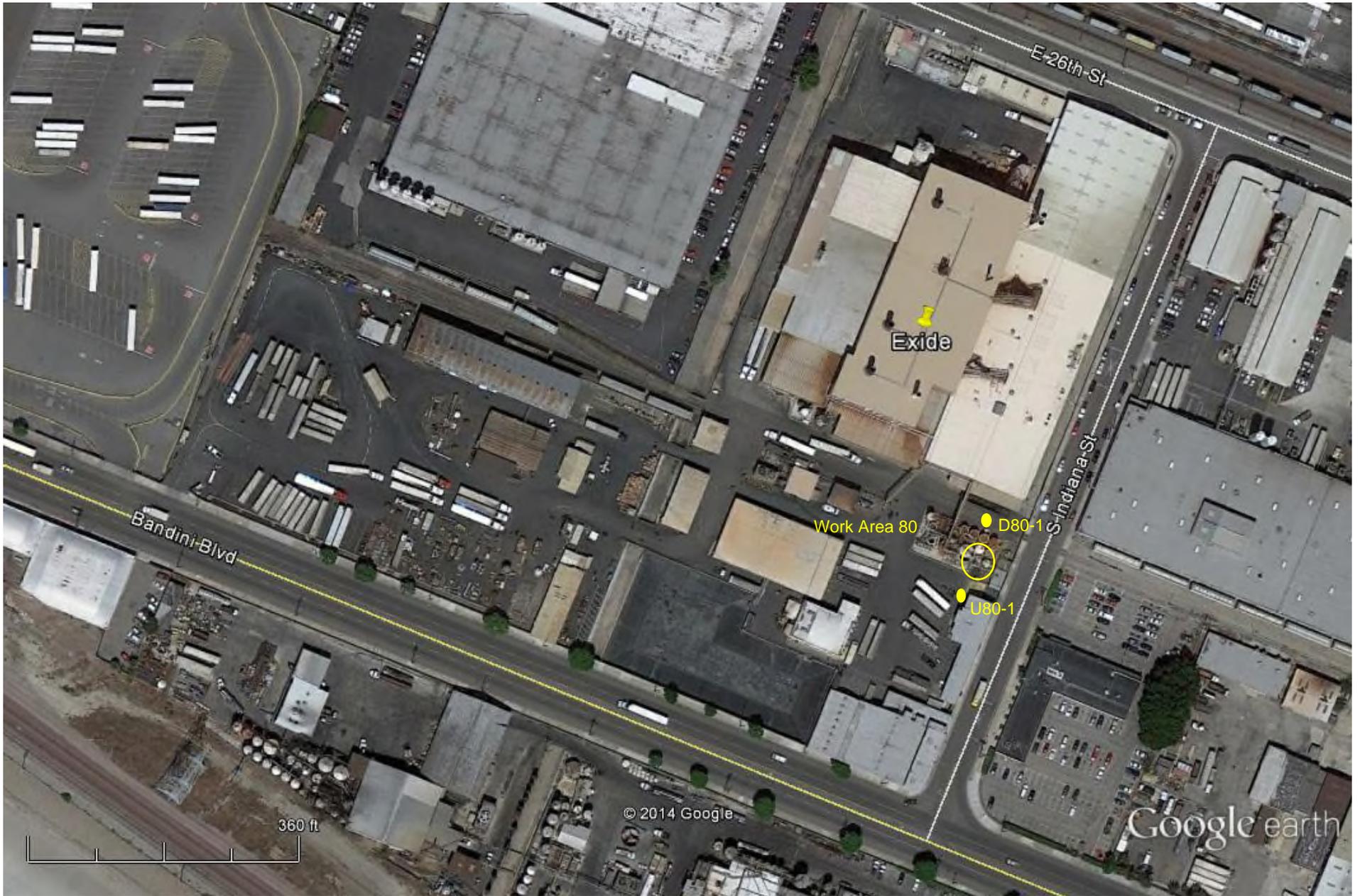
Instrument		Data Properties	
Model	DustTrak II	Start Date	12/11/2014
Instrument S/N	8530110315	Start Time	07:10:07
		Stop Date	12/11/2014
		Stop Time	11:55:07
		Total Time	0:04:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	12/11/2014	07:25:07	0.120
2	12/11/2014	07:40:07	0.109
3	12/11/2014	07:55:07	0.096
4	12/11/2014	08:10:07	0.078
5	12/11/2014	08:25:07	0.092
6	12/11/2014	08:40:07	0.135
7	12/11/2014	08:55:07	0.131
8	12/11/2014	09:10:07	0.122
9	12/11/2014	09:25:07	0.088
10	12/11/2014	09:40:07	0.089
11	12/11/2014	09:55:07	0.072
12	12/11/2014	10:10:07	0.063
13	12/11/2014	10:25:07	0.049
14	12/11/2014	10:40:07	0.040
15	12/11/2014	10:55:07	0.038
16	12/11/2014	11:10:07	0.039
17	12/11/2014	11:25:07	0.039
18	12/11/2014	11:40:07	0.033
19	12/11/2014	11:55:07	0.027

Test 055

Instrument		Data Properties	
Model	DustTrak II	Start Date	12/11/2014
Instrument S/N	8530113011	Start Time	07:04:52
		Stop Date	12/11/2014
		Stop Time	12:04:52
		Total Time	0:05:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	12/11/2014	07:19:52	0.114
2	12/11/2014	07:34:52	0.099
3	12/11/2014	07:49:52	0.091
4	12/11/2014	08:04:52	0.079
5	12/11/2014	08:19:52	0.064
6	12/11/2014	08:34:52	0.120
7	12/11/2014	08:49:52	0.126
8	12/11/2014	09:04:52	0.121
9	12/11/2014	09:19:52	0.092
10	12/11/2014	09:34:52	0.078
11	12/11/2014	09:49:52	0.084
12	12/11/2014	10:04:52	0.050
13	12/11/2014	10:19:52	0.054
14	12/11/2014	10:34:52	0.037
15	12/11/2014	10:49:52	0.036
16	12/11/2014	11:04:52	0.039
17	12/11/2014	11:19:52	0.036
18	12/11/2014	11:34:52	0.033
19	12/11/2014	11:49:52	0.030
20	12/11/2014	12:04:52	0.025



Exide Technologies
2700 Indiana Street
Vernon, CA 90058

12/11/2014 Work Area EX-80

Monitoring Results / Reports
(Monday, December 15, 2014)

ACTIVITY	SERIAL NUMBER	LOCATION
EX-73 – STORM WATER REPAIR CL 14	8530142303	UPWIND
EX-73 – STORM WATER REPAIR CL 14	8530113011	DOWNWIND
EX-80 – WWTP CONTAINMENT COATING REPAIR	8530100906	UPWIND
EX-80 – WWTP CONTAINMENT COATING REPAIR	8533132902	DOWNWIND

Test 046

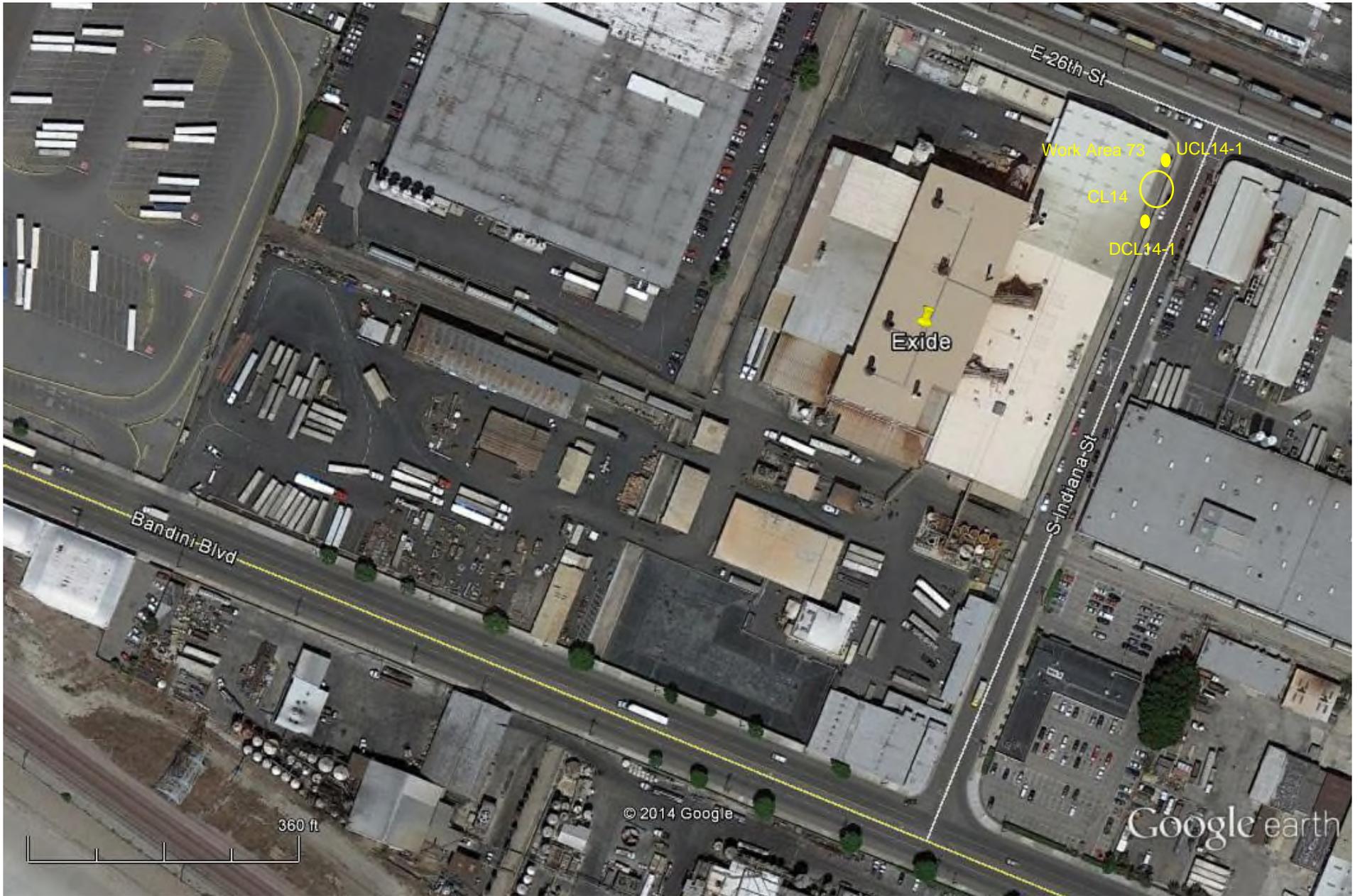
Instrument		Data Properties	
Model	DustTrak II	Start Date	12/15/2014
Instrument S/N	8530142303	Start Time	07:59:50
		Stop Date	12/15/2014
		Stop Time	14:29:50
		Total Time	0:06:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	12/15/2014	08:14:50	0.065
2	12/15/2014	08:29:50	0.055
3	12/15/2014	08:44:50	0.059
4	12/15/2014	08:59:50	0.056
5	12/15/2014	09:14:50	0.046
6	12/15/2014	09:29:50	0.044
7	12/15/2014	09:44:50	0.045
8	12/15/2014	09:59:50	0.045
9	12/15/2014	10:14:50	0.044
10	12/15/2014	10:29:50	0.046
11	12/15/2014	10:44:50	0.046
12	12/15/2014	10:59:50	0.051
13	12/15/2014	11:14:50	0.057
14	12/15/2014	11:29:50	0.060
15	12/15/2014	11:44:50	0.063
16	12/15/2014	11:59:50	0.068
17	12/15/2014	12:14:50	0.070
18	12/15/2014	12:29:50	0.065
19	12/15/2014	12:44:50	0.054
20	12/15/2014	12:59:50	0.055
21	12/15/2014	13:14:50	0.049
22	12/15/2014	13:29:50	0.044
23	12/15/2014	13:44:50	0.044
24	12/15/2014	13:59:50	0.052
25	12/15/2014	14:14:50	0.045
26	12/15/2014	14:29:50	0.040

Test 056

Instrument		Data Properties	
Model	DustTrak II	Start Date	12/15/2014
Instrument S/N	8530113011	Start Time	08:06:57
		Stop Date	12/15/2014
		Stop Time	14:21:57
		Total Time	0:06:15:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	12/15/2014	08:21:57	0.037
2	12/15/2014	08:36:57	0.037
3	12/15/2014	08:51:57	0.030
4	12/15/2014	09:06:57	0.031
5	12/15/2014	09:21:57	0.024
6	12/15/2014	09:36:57	0.025
7	12/15/2014	09:51:57	0.025
8	12/15/2014	10:06:57	0.025
9	12/15/2014	10:21:57	0.026
10	12/15/2014	10:36:57	0.029
11	12/15/2014	10:51:57	0.029
12	12/15/2014	11:06:57	0.032
13	12/15/2014	11:21:57	0.038
14	12/15/2014	11:36:57	0.040
15	12/15/2014	11:51:57	0.047
16	12/15/2014	12:06:57	0.053
17	12/15/2014	12:21:57	0.047
18	12/15/2014	12:36:57	0.045
19	12/15/2014	12:51:57	0.037
20	12/15/2014	13:06:57	0.039
21	12/15/2014	13:21:57	0.030
22	12/15/2014	13:36:57	0.034
23	12/15/2014	13:51:57	0.032
24	12/15/2014	14:06:57	0.036
25	12/15/2014	14:21:57	0.028



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Test 062

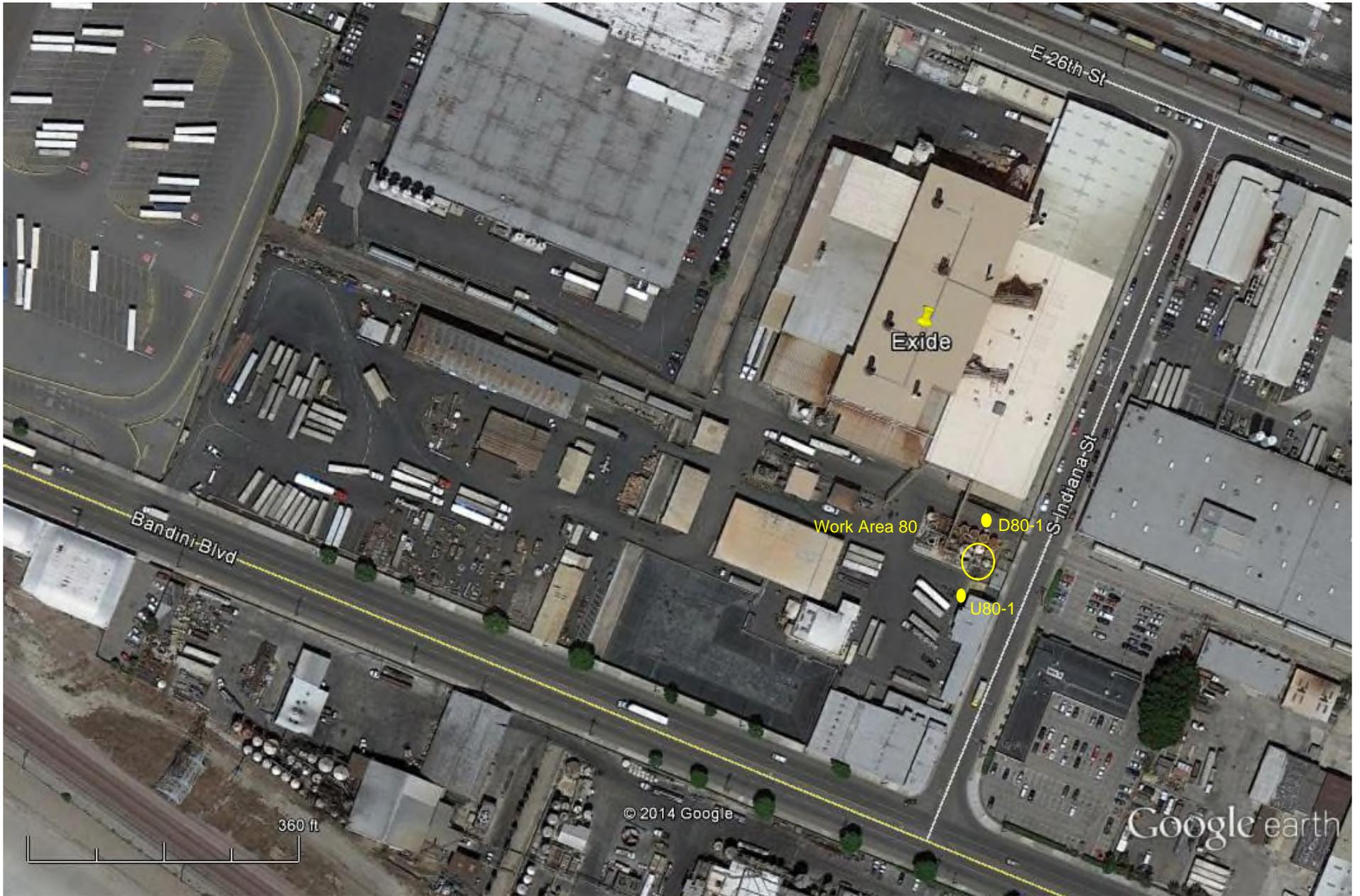
Instrument		Data Properties	
Model	DustTrak II	Start Date	12/15/2014
Instrument S/N	8530100906	Start Time	08:29:13
		Stop Date	12/15/2014
		Stop Time	14:14:13
		Total Time	0:05:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	12/15/2014	08:44:13	0.064
2	12/15/2014	08:59:13	0.032
3	12/15/2014	09:14:13	0.027
4	12/15/2014	09:29:13	0.026
5	12/15/2014	09:44:13	0.027
6	12/15/2014	09:59:13	0.027
7	12/15/2014	10:14:13	0.026
8	12/15/2014	10:29:13	0.029
9	12/15/2014	10:44:13	0.030
10	12/15/2014	10:59:13	0.034
11	12/15/2014	11:14:13	0.039
12	12/15/2014	11:29:13	0.041
13	12/15/2014	11:44:13	0.045
14	12/15/2014	11:59:13	0.048
15	12/15/2014	12:14:13	0.048
16	12/15/2014	12:29:13	0.047
17	12/15/2014	12:44:13	0.038
18	12/15/2014	12:59:13	0.038
19	12/15/2014	13:14:13	0.032
20	12/15/2014	13:29:13	0.030
21	12/15/2014	13:44:13	0.033
22	12/15/2014	13:59:13	0.040
23	12/15/2014	14:14:13	0.032

Test 048

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	12/15/2014
Instrument S/N	8533132902	Start Time	08:26:54
		Stop Date	12/15/2014
		Stop Time	14:11:54
		Total Time	0:05:45:00
		Logging Interval	900 seconds

Test Data							
Data Point	Date	Time	PM1 mg/m ³	PM2.5 mg/m ³	RESP mg/m ³	PM10 mg/m ³	TOTAL mg/m ³
1	12/15/2014	08:41:54	0.025	0.026	0.027	0.031	0.031
2	12/15/2014	08:56:54	0.024	0.025	0.025	0.027	0.027
3	12/15/2014	09:11:54	0.021	0.022	0.023	0.025	0.025
4	12/15/2014	09:26:54	0.016	0.017	0.018	0.020	0.020
5	12/15/2014	09:41:54	0.018	0.019	0.019	0.021	0.021
6	12/15/2014	09:56:54	0.018	0.018	0.019	0.021	0.021
7	12/15/2014	10:11:54	0.017	0.018	0.018	0.020	0.020
8	12/15/2014	10:26:54	0.018	0.019	0.019	0.021	0.021
9	12/15/2014	10:41:54	0.019	0.020	0.020	0.021	0.021
10	12/15/2014	10:56:54	0.021	0.022	0.022	0.023	0.023
11	12/15/2014	11:11:54	0.024	0.024	0.025	0.026	0.026
12	12/15/2014	11:26:54	0.027	0.028	0.028	0.030	0.030
13	12/15/2014	11:41:54	0.029	0.030	0.031	0.032	0.032
14	12/15/2014	11:56:54	0.032	0.033	0.034	0.035	0.035
15	12/15/2014	12:11:54	0.033	0.034	0.035	0.037	0.037
16	12/15/2014	12:26:54	0.032	0.033	0.034	0.035	0.035
17	12/15/2014	12:41:54	0.027	0.028	0.029	0.030	0.030
18	12/15/2014	12:56:54	0.026	0.027	0.027	0.028	0.028
19	12/15/2014	13:11:54	0.022	0.023	0.024	0.025	0.025
20	12/15/2014	13:26:54	0.017	0.018	0.019	0.020	0.020
21	12/15/2014	13:41:54	0.019	0.020	0.020	0.021	0.021
22	12/15/2014	13:56:54	0.024	0.025	0.026	0.027	0.027
23	12/15/2014	14:11:54	0.022	0.023	0.024	0.027	0.027



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