

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: Station B

Client: UI

Date: 11/25/19

Wind Direction: W

Contractor: ALV Enviro

Temperature: 43F

Daily Work Activities: Demo of station B slab

wind
(W)
• W



SE

Observations: Cloudy

Equipment Used: DustTrak 8530

Dust Monitor Signature: Sai Reddy

Baseline Reading: 0.04 mg/m³ (SE)

Start time: 7:45 am

0.041 mg/m³ (W)

Time	Sample Location	Result mg/m ³	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
8:45	SE	0.044	down	NO
8:45	W	0.042	up	NO
9:45	SE	0.041	down	NO
9:45	W	0.035	up	NO
10:45	SE	0.034	down	NO
10:45	W	0.032	up	NO
11:45	SE	0.035	down	NO
11:45	W	0.049	up	NO
12:45	SE	0.036	down	NO
12:45	W	0.047	up	NO
13:45	SE	0.036	down	NO
13:45	W	0.046	up	NO

TWA 0.033 mg/m³ (SE), 0.035 mg/m³ (W)

Highest concentration: 0.049 mg/m³ (SE), 0.075 mg/m³ (W)

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: Station B

Client: UI

Date: 11/26/19

Wind Direction: SW

Contractor: ALV Enviro

Temperature: 33 F

Daily Work Activities: Demo of Station B Slab.

Observations: Fog / mist

Equipment Used: DustTrak 8530

Dust Monitor Signature: Sai Reddy

Baseline Reading: 0.076 mg/m³ (E)
0.073 mg/m³ (W)

Start time: 7:30 am



Time	Sample Location	Result mg/m^3	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
8:30	E	0.093	down	No
8:30	W	0.089	up	No
9:30	E	0.061	down	No
9:30	W	0.052	up	No
10:30	E	0.033	down	No
10:30	W	0.03	up	No
11:30	E	0.043	down	No
11:30	W	0.031	up	No
12:30	E	0.05	down	No
12:30	W	0.042	up	No
13:30	E	0.033	down	No
13:30	W	0.03	up	No
14:30	E	0.022	down	No
14:30	W	0.016	up	No
15:30	E	0.045	down	No
15:30	W	0.041	up	No

TWA: 0.047 mg/m³ (E), 0.041 mg/m³ (W)

Highest concentration: 0.093 mg/m³ (E), 0.126 mg/m³ (W)

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: Station B

Client: UI

Date: 11-27-19

Wind Direction: N 4mph

Contractor: ACV Enviro

Temperature: 43°F

Daily Work Activities: Demo

Observations: Mist

Equipment Used: Dust Trak 8530 NW - 8530095003 NE - 8530191406

Start Time: NW - 8:26am
NE - 8:32am

Dust Monitor Signature: *[Signature]*

Baseline Reading: NW - .046 mg/m^3
NE - .043 mg/m^3

Time	Sample Location	Result mg/m^3	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
9:26	NW	.056		NO
9:32	NE	.062		NO
10:26	NW	.058		NO
10:32	NE	.07		NO
11:26	NW	.071		NO
11:32	NE	.081		NO
12:26	NW	.061		NO
12:32	NE	.074		NO
13:26	NW	.053		NO
13:32	NE	.068		NO
14:26	NW	.054		NO
14:32	NE	.061		NO
15:26	NW	.036		NO
15:32	NE	.042		NO

TWA: NW - .052 mg/m^3 NE - .061 mg/m^3
Highest Concentration: NW - .077 mg/m^3
NE - .087 mg/m^3

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: Station B

Client: VI

Date: 10/2/19

Wind Direction: N-15 mph

Contractor: ACV Enviro

Temperature: 36°

Daily Work Activities: Demo

Observations: Sleeting, wet

Equipment Used: DustTrak 8530 South side meter $\Rightarrow$ 8530191406

North side meter $\Rightarrow$ 8530045003

Dust Monitor Signature: [Signature]

Baseline Reading: .007 mg/m^3 - S

Start time: 9:55 am

.010 mg/m^3 NW

Time	Sample Location	Result mg/m^3	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
10:55	South side middle	.005	up/down	NO
10:55	NW	.005	down/up	NO
11:55	S	.016	down	NO
11:55	NW	.003	up	NO
12:55	S	.016	down	NO
12:55	NW	.002	up	NO
1:55	S	.012	down	NO
1:55	NW	.002	up	NO
2:55	S	.012	down	NO
2:55	NW	.002	up	NO
3:55	S	.016	down	NO
3:55	NW	.002	up	NO

1WA: NW-.002 mg/m^3 S-.002 mg/m^3

Highest Concentration: NW-.005 mg/m^3
S-.005 mg/m^3

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: Station B

Client: VI

Date: 11/3/19

Wind Direction: NW

Contractor: ACV Enviro

Temperature: 33°F

Daily Work Activities: Demo activities - Loading trucks for disposal

Observations: Windy, Sunny

Equipment Used: DustTrak 8530 West gate - 8530095003
SE - 8530191406

Dust Monitor Signature: Jeffrey Breyer Baseline Reading: W - .006 mg/m^3
SE - .006 mg/m^3

Start Time: 09:54

Time	Sample Location	Result mg/m^3	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
09:54	West gate	.002	down	NO
10:54	SE	.001	up	NO
11:54	West	.002	down	NO
11:54	SE	.013	up	NO
12:54	West	.002	down	NO
12:54	SE	.023	up	NO
13:54	West	.001	down	NO
13:54	SE	.022	up	NO
14:54	West	.002	down	NO
14:54	SE	.013	up	NO

TWA SE - .012 mg/m^3 , W - .002 mg/m^3

Highest concentration: SE - .026 mg/m^3
W - .006 mg/m^3

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: Station B

Client: UI

Date: 12/14/19

Wind Direction: W-3mph

Contractor: ACV Enviro

Temperature: 36°F

Daily Work Activities: Demo of Station B - Loading out truck for disposal

Observations: Sunny, windy



Equipment Used: Dust Tracker 8530 W-8630191406 SE-8530095003

Dust Monitor Signature: Jeffrey

Baseline Reading: W-.024 $\mu\text{g}/\text{m}^3$ SE-.017 $\mu\text{g}/\text{m}^3$

Start Time: 09:30

Time	Sample Location	Result $\mu\text{g}/\text{m}^3$	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
1030	West	.024	down	No
1030	SE	.014	up	No
1130	West	.034	down	No
1130	SE	.017	up	No
1230	West	.031	down	No
1230	SE	.016	up	No
1330	West	.031	down	No
1330	SE	.026	up	No
1430	West	.036	down	No
1430	SE	.026	SE up	No
1530	West	.068	down	No
1530	SE	.019	up	No

1 WA SE-.017 $\mu\text{g}/\text{m}^3$, W-.034 $\mu\text{g}/\text{m}^3$

Highest Concentration: SE-.048
W-.087

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: STATION B Client: UT Date: 12/5/19
 Wind Direction: NW Contractor: ACV ENVIRO Temperature: 38° F
 Daily Work Activities: DEMO STATION B SLAB

LOADING TRUCKS FOR DISPOSAL

CLEANING SIDEWALK

Observations: CLOUDY

Equipment Used: DUST TRAK 8530 EAST GATE: 8530191406 WEST GATE: 8530095003

Dust Monitor Signature: Kelly Neal Baseline Reading: E = .026 mg/m³
W = .023 mg/m³

START TIME: 8:38 AM

Time	Sample Location	Result $\mu\text{g}/\text{m}^3$	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
9:38	EAST GATE	.016	DOWN	NO
9:43	WEST GATE	.028	UP	NO
10:00	EAST GATE	.021	DOWN	NO
9:59	WEST GATE	.011	UP	NO
11:00	EAST GATE	.016	DOWN	NO
10:59	WEST GATE	.007	UP	NO
12:00	EAST GATE	.034	DOWN	NO
11:59	WEST GATE	.034	UP	NO
13:00	EAST GATE	.021	DOWN	NO
12:59	WEST GATE	.02	UP	NO
14:00	EAST GATE	.022	DOWN	NO
13:59	WEST GATE	.022	UP	NO
15:00	EAST GATE	.016	DOWN	NO
14:59	WEST GATE	.024	UP	NO
16:00	EAST GATE	.02	DOWN	NO
15:59	WEST GATE	.004	UP	

TWA: E - .004 mg/m³ / W - .003 mg/m³

HIGHEST CONCENTRATION: E - .03 mg/m³ / W - .023 mg/m³



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ACV-English Station Remediation Project - Dust Monitoring Daily LogSite: Station BClient: UIDate: 12-6-19Wind Direction: SW 7mphContractor: ACV EnviroTemperature: 38°FDaily Work Activities: Demo Floor Slab, load out demo

Wind Direction:

debris into trucks, clean sidewalks on Grand Av.Observations: Sunny, breezyEquipment Used: Dust Trak 85308530191406 - East Gate8530095003 - SouthDust Monitor Signature: [Signature]Baseline Reading: E = .011 $\mu\text{g}/\text{m}^3$
S = .012 $\mu\text{g}/\text{m}^3$ Start Time: East Gate 8:36
South - 8:25

Time	Sample Location	Result $\mu\text{g}/\text{m}^3$	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
0846	NE	.011	down	No
0835	SW	.012	up	No
0946	NE	.02	down	No
1035	SW	.008	up	No
1046	NE	.017	down	No
1035	SW	.01	up	No
1146	NE	.018	down	No
1135	SW	.013	up	No
1246	NE	.021	down	No
1235	SW	.013	up	No
1346	NE	.022	down	No
1335	SW	.013	up	No
1446	NE	.023	down	No
1435	SW	.009	up	No
1546	NE	.021	down	No

TWA: NE - .02 $\mu\text{g}/\text{m}^3$
SW - .011 $\mu\text{g}/\text{m}^3$

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Highest Concentration: NE - .023 $\mu\text{g}/\text{m}^3$
SW - .014 $\mu\text{g}/\text{m}^3$

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Wind Direction:

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: Station B Client: UI Date: 12-9-19
 Wind Direction: Calm Contractor: ACV Enviro Temperature: 56°
 Daily Work Activities: Demo, Load trucks with demo debris Wind Direction: _____

Observations: Rain

Equipment Used: Dust Trak 8530 W1=8530095003
E1=8530191406
 Dust Monitor Signature: [Signature] Baseline Reading: E=.018 $\mu\text{g}/\text{m}^3$
W=.025 $\mu\text{g}/\text{m}^3$
 Start Time: W=8:53am
E=8:50am

Time	Sample Location	Result $\mu\text{g}/\text{m}^3$	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
9:50	E	.017		NO
9:53	W	.018		NO
10:50	E	.042		NO
10:53	W	.029		NO
11:50	E	.024		NO
11:53	W	.011		NO
12:50	E	.022		NO
12:53	W	.009		NO
13:50	E	.016		NO
13:53	W	.006		NO
14:50	E	.012		NO
14:53	W	.001		NO

TWA: E=.022 $\mu\text{g}/\text{m}^3$
W=.011 $\mu\text{g}/\text{m}^3$
 Highest Concentration: E=.061 $\mu\text{g}/\text{m}^3$
W=.067 $\mu\text{g}/\text{m}^3$

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: Station B Client: UI Date: 12-10-19
 Wind Direction: SW 5mph Contractor: ACV Enviro Temperature: 54°F
 Daily Work Activities: Demo of floor supports Wind Direction: _____

Loading demo debris into trucks

Observations: Overcast/rain Wind direction 

Equipment Used: Dust Trak 8530 W - 8530095003
E - 8530191406
 Dust Monitor Signature: Jeffrey Brune Baseline Reading: W = .024 ng/m³
E = .025 ng/m³
 Start Time: W = 8:37am E = 8:41am

Time	Sample Location	Result ³ ng/m	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
9:37	West	.029	up	NO
9:41	East	.035	down	NO
10:37	West	.031	up	NO
10:41	East	.039	down	NO
11:37	West	.037	up	NO
11:41	East	.045	down	NO
12:37	West	.033	up	NO
12:41	East	.044	down	NO
13:37	West	.037	up	NO
13:41	East	.048	down	NO
14:37	West	.042	up	NO
14:41	East	.059	down	NO
15:37	West	.041	up	NO
15:41	East	.058	down	NO
16:37	West	.038	up	NO

TWA: W → .035 ng/m³
E → .045 ng/m³

Highest Concentration: W → .047 ng/m³
E → .06 ng/m³

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: Station B Client: UI Date: 12-11-19
 Wind Direction: N 5mph Contractor: ACV Enviro Temperature: 33°F
 Daily Work Activities: Demo - Loading out demo debris

Observations: Overcast - light snow

Equipment Used: Dust Trak 8530 E-8530695003
W-8530191406

Start Time: E-8:51 am
W-9:00 am

Dust Monitor Signature: *Jeffrey*

Baseline Reading: E-.005 $\mu\text{g}/\text{m}^3$
W-.025

Time	Sample Location	Result mg/m^3	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
9:51	East	.004	up	NO
10:00	West	.011	up	NO
10:51	East	.006	up	NO
11:00	West	.014	up	NO
11:51	East	.008	up	NO
12:00	West	.013	up	NO
12:51	East	.005	up	NO
13:00	West	.015	up	NO
13:51	East	.006	up	NO
14:00	West	.015	up	NO
14:51	East	.013	up	NO
15:00	West	.016	up	NO
15:51	East	.008	up	NO
16:00	West	.018	up	NO

TWA: E-.007 $\mu\text{g}/\text{m}^3$ W-.014 $\mu\text{g}/\text{m}^3$
 Highest Concentration: E-.018 $\mu\text{g}/\text{m}^3$
W-.041 $\mu\text{g}/\text{m}^3$

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: Station B Client: UI Date: 12-12-19

Wind Direction: NW 6mph Contractor: ACV Enviro Temperature: 28°F

Daily Work Activities: Demo, loading demo debris into trucks for disposal
Prepping steel for Recycling

Observations: Sunny

Sample exceedance at 16:00. Work area started dry out at the end of the SE day, causing dust log to spike. ACV crew working to sweep area and apply water to traffic area.

Equipment Used: Dust Trak 8530 NW-8530095003
SE-853019406

Start Time: NW-0813
SE-0800

Dust Monitor Signature: [Signature] Baseline Reading: SE - .011 mg/m³
NW - .012 mg/m³

Time	Sample Location	Result mg/m ³	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
0913	SE	.023	down	No
0900	NW	.014	up	No
1013	SE	.035	down	No
1000	NW	.017	up	No
1113	SE	.023	down	No
1100	NW	.009	up	No
1213	SE	.019	down	No
1200	NW	.007	up	No
1313	SE	.02	down	No
1300	NW	.006	up	No
1413	SE	.034	down	No
1400	NW	.009	up	No
1513	SE	.022	down	No

TWA: NW - .02 mg/m³
SE - .024 mg/m³
 Highest Concentration: NW - .186 mg/m³
SE - .123 mg/m³

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: Station B Client: UI Date: 12-13-19
 Wind Direction: NE 5mp Contractor: ACV Enviro Temperature: 33°F
 Daily Work Activities: Demo concrete structures - loading out of demo debris

Observations: Overcast, light rain

Equipment Used: Dust Trak 8530 8530191406 - NE
8530095003 - SW

Start Time: NE - 8:26am
SW - 8:37am

Dust Monitor Signature: [Signature]

Baseline Reading: SW - .039 $\mu\text{g}/\text{m}^3$

Time	Sample Location	Result mg/m^3	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
9:26	NE	.048	up	NO
9:37	SW	.06	down	NO
10:26	NE	.049	up	NO
10:37	SW	.048	down	NO
11:26	NE	.049	up	NO
11:37	SW	.038	down	NO
12:26	NE	.053	up	NO
12:37	SW	.049	down	NO
13:26	NE	.057	up	NO
13:37	SW	.039	down	NO
14:26	NE	.06	up	NO
14:37	SW	.051	down	NO

TWA: NE - .044 $\mu\text{g}/\text{m}^3$
SW - .037 $\mu\text{g}/\text{m}^3$
 Highest Concentration: NE - .063 $\mu\text{g}/\text{m}^3$
SW - .067 $\mu\text{g}/\text{m}^3$

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: Station B Client: UI Date: 12-16-19

Wind Direction: W S mph Contractor: ACV Enviro Temperature: 33°F

Daily Work Activities: Demo, load out tanks for disposal

Observations: Overcast

Equipment Used: Dust Trak 8530 NW-8530095003
SE-8530191406

Start Time: NW-7:58am
SE-7:49am

Dust Monitor Signature: [Signature] Baseline Reading: NW-.009 $\mu\text{g}/\text{m}^3$
SE-.024 $\mu\text{g}/\text{m}^3$

Time	Sample Location	Result mg/m^3	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
8:58	NW	.006	up	NO
8:49	SE	.017	down	NO
9:58	NW	.019	up	NO
9:49	SE	.021	down	NO
10:58	NW	.03	up	NO
10:49	SE	.041	down	NO
11:58	NW	.059	up	NO
11:49	SE	.058	down	NO
12:58	NW	.035	up	NO
12:49	SE	.046	down	NO
13:58	NW	.01	up	NO
13:49	SE	.018	down	NO
14:58	NW	.049	up	NO
14:49	SE	.042	down	NO

TWA: NW-.024 $\mu\text{g}/\text{m}^3$ SE-.03 $\mu\text{g}/\text{m}^3$

Highest Concentration: NW-.082 $\mu\text{g}/\text{m}^3$
SE-.066 $\mu\text{g}/\text{m}^3$

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: Station B

Client: UI

Date: 12-17-19

Wind Direction: NE 12 mph

Contractor: ACV Enviro

Temperature: 32°F

Daily Work Activities: Demo - Load out trucks

Observations: Snow/Ice

Equipment Used: Dust Trak 8530 NE-8530191406
SW-8530095003

Start Time: NE-8:59
SW-9:05

Dust Monitor Signature: [Signature]

Baseline Reading: NE-.018 mg/m³
SW-.015 mg/m³

Time	Sample Location	Result mg/m ³	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
9:59	NE	.013	up	No
10:05	SW	.022	down	No
10:59	NE	.016	up	No
11:05	SW	.016	down	No
11:59	NE	.022	up	No
12:05	SW	.024	down	No
12:59	NE	.015	up	No
13:05	SW	.021	down	No
13:59	NE	.02	up	No
14:05	SW	.02	down	No
14:59	NE	.021	up	No
15:05	SW	.012	down	No

NE-.014 mg/m³
TWA: SW-.019 mg/m³
Highest Concentration: NE-.023 mg/m³
SW-.048 mg/m³

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: Station B Client: UI Date: 12-18-19

Wind Direction: NW 7 mph Contractor: ACV Enviro Temperature: 30°

Daily Work Activities: Demo, Load out trucks, Fence installation

Observations: cold, sunny

Equipment Used: Dust Trak 8530 SE-8530191406
NW-8530095003

Start Time: SE-8:55am
NW-9:01am

Dust Monitor Signature: [Signature]

Baseline Reading: SE-.01 mg/m^3
NW-.009 mg/m^3

Time	Sample Location	Result mg/m^3	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
9:55	SE	.02	down	NO
10:01	NW	.013	up	NO
10:55	SE	.022	down	NO
11:01	NW	.018	up	NO
11:55	SE	.023	down	NO
12:01	NW	.017	up	NO
12:55	SE	.024	down	NO
13:01	NW	.016	up	NO
13:55	SE	.024	down	NO
14:01	NW	.017	up	NO
14:55	SE	.024	down	NO
15:01	NW	.018	up	NO
15:55	SE	.035	down	NO

TWA: SE-.022 mg/m^3
NW-.014 mg/m^3
 Highest Concentration: SE-.035 mg/m^3
NW-.021 mg/m^3

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: Station B Client: UI Date: 12-19-19
 Wind Direction: NW 12mph Contractor: ACV Enviro Temperature: 16°F
 Daily Work Activities: Demo - Load trucks with demo debris

Observations: Cold, Sunny

Equipment Used: Dust Trak 8530 NW-8530095003
SE-8530191406

Start Time: NW-8:03am
SE-8:08am

Dust Monitor Signature: [Signature]

Baseline Reading: NW-.038 $\mu\text{g}/\text{m}^3$
SE-.039 $\mu\text{g}/\text{m}^3$

Time	Sample Location	Result mg/m^3	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
9:03	NW	.084	down	NO
9:08	SE	.071	up	NO
10:03	NW	.119	down	NO
10:08	SE	.065	up	NO
11:03	NW	.058	down	NO
11:08	SE	.032	up	NO
12:03	NW	.013	down	NO
12:08	SE	.028	up	NO
13:03	NW	.004	down	NO
13:08	SE	.023	up	NO
14:03	NW	.009	down	NO
14:08	SE	.032	up	NO
15:03	NW	.008	down	NO
15:08	SE	.025	up	NO

TWA: NW-.036 $\mu\text{g}/\text{m}^3$ SE-.034 $\mu\text{g}/\text{m}^3$

Highest Concentration: NW-.122 $\mu\text{g}/\text{m}^3$
SE-.046 $\mu\text{g}/\text{m}^3$