

Draft Daily Field Report

Project Name: 277 Fairchild, Mountain View		Phase Name: Site Management Plan	
Job Number: 10216.001.000	Phase Number: 008	Task Number: N/A	
Date: 9/7/2016		Client: Warmington Residential	
Project Manager: Munger, Shawn		Field Rep: Zepeda, Yanet	

Notes:

Yanet Zepeda (ENGEO) arrived onsite with Scott Johns (ENGEO) at 7:30am and met with Scott Williams (American Integrated), site general contractor.

We observed American Integrated removing asphalt/concrete in preparation to demolish the former sanitary sewer line. One small bobcat, excavator and water truck was onsite.

In accordance with the Site Management Plan prepared for the site, six perimeter ambient air sampling canisters were deployed around the perimeter of the site in designated areas. The time of deployment and initial pressure recorded are listed in Table 1.

The canisters were fitted with an 8-hour flow regulator. After confirming the canisters were collecting ambient air, we left the site to return later in the day to collect the canisters.

We returned to the site at 4pm and confirmed the canisters were continuing to collect ambient air. American Integrated had finished and was cleaning up. We remained on-site, regularly checking the pressure of the canisters as they continued collecting ambient air. At 18:00 we began recovery of the canisters. The time of recovery and final pressure recorded are listed in Table 1.

Following sample collection, We left the site around 18:15 to deliver the samples to Torrent Laboratories, a third-party State-certified laboratory for analysis.

The six air samples were analyzed for volatile organic compounds (VOCs) by test method T0-15sim. Table three provides the relevant air canister data, along with the corresponding results for trichloroethylene (TCE). The reported laboratory results are below the established USEPA residential screening level of 2 ug/m³. The analytical laboratory test report can be provided upon request.

**Table 1: Air Sample
Data**

277 Fairchild Demolition – Air Sampling Results Summary							
Sample ID	Sample Date	Deployment Time	Recovery Time	Initial Field Pressure (inches - Hg)	Final Field Pressure (inches - Hg)	Laboratory Sample Pressure (PSI)	TCE (ug/m3)
A1	9/7/2016	8:10	18:06	-30	-2	13.91	0.252
A2	9/7/2016	8:15	18:00	-30	0	14.03	ND <0.0269
A3	9/7/2016	8:20	18:08	-30	-1.5	14.04	0.220
A4	9/7/2016	8:25	18:10	-30	-4	12.76	0.038
A5	9/7/2016	7:55	18:02	-30	-2	14.00	0.038
A6	9/7/2016	8:00	18:04	-30	-4	12.48	0.048

Analysis Method TO15SIM	
TCE MDL µg/m3	0.0112
TCE PQL µg/m3	0.0269

ND - Not detected above PQL

µg/m3 - Micrograms per cubic meter

Hg - Mercury

PSI - pounds per square inch

TCE - trichloroethylene

MDL - Method Detection Limit

PQL - Practical Quantitation Level