

**RECEIVED**

By Alameda County Environmental Health 12:28 pm, Apr 13, 2017

**RECEIVED**

APR 03 2017

PERJURY STATEMENT

Subject: 223 East 4<sup>th</sup> Street, San Leandro, California  
**Additional Site Assessment Work Plan**

I certify, under penalty of law, that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Martha Vallejo

Ms. Martha Vallejo  
201 East 14<sup>th</sup> Street  
Oakland, California, 94577

# AdvancedGeo Environmental

---

11 April 2017  
AGE-NC Project No. 16-3802

Ms. Martha Vallejo  
201 East 14th Street  
San Leandro, California, 94577

Mr. Valentin Reynoso  
1252 101st Avenue  
Oakland, California 94603

**Subject: Site Assessment Work Plan  
Sunshine CLEANERS  
223 East 4th Street, San Leandro, California**

Dear Ms. Vallejo and Mr. Reynoso:

Advanced GeoEnvironmental, Inc. has prepared the enclosed, Additional Site Assessment Work Plan, for the above-referenced site. The work plan proposes to several borings for collection of soil-vapor and grab groundwater samples in an attempt to define the lateral limits PCE impact resulting from former dry cleaning operations performed at the site. Additionally, the work plan proposes the installation and sampling of sub-slab monitoring wells and installation of soil-vapor extraction wells in preparation for a remedial pilot study.

A copy of this report will be transmitted to Mr. Mark Detterman of the Alameda County Environmental Health Department.

The opportunity to provide this service is greatly appreciated. If you have any questions or require further information, please contact our office at (209) 467-1006.

Sincerely,

**Advanced GeoEnvironmental, Inc.**



Daniel J. Villanueva  
Senior Project Geologist

Enclosure



**Additional Site Assessment Work Plan**  
**SUNSHINE CLEANERS**  
**223 East 14<sup>th</sup> Street, San Leandro, California**

11 April 2017  
AGE-Project No. 16 - 3802

*PREPARED FOR:*

Ms. Martha Vallejo & Mr. Valentin Reynoso

*PREPARED BY:*



*Environmental • Compliance • Industrial Hygiene • Geotechnical*

Phone: 800-511-9300

Fax: 888-445-8786

[www.advgeoenv.com](http://www.advgeoenv.com)

*"Working in Partnership with People, Business and the Environment"*

**Additional Site Assessment Work Plan  
SUNSHINE CLEANERS  
223 East 14<sup>th</sup> Street, San Leandro, California**

11 April 2017  
AGE-Project No. 16-3802

**AdvancedGeo**  
Environmental



*An Employee-Owned Company*

*Environmental • Compliance • Industrial Hygiene • Geotechnical*

Phone: 800-511-9300

Fax: 888-445-8786

[www.advgeoenv.com](http://www.advgeoenv.com)

*"Working in Partnership with People, Business and the Environment"*

**PREPARED BY:**

Daniel J. Villanueva  
Senior Project Geologist

**PROJECT MANAGER:**

Daniel J. Villanueva  
Senior Project Geologist

**REVIEWED BY:**

William R. Little  
Senior Project Geologist  
California Professional Geologist No. 7473



**Additional Site Assessment Work Plan  
SUNSHINE CLEANERS  
223 East 14<sup>th</sup> Street, San Leandro, California**

**TABLE OF CONTENTS**

<b><u>SECTION</u></b>	<b><u>PAGE</u></b>
<b>1.0. INTRODUCTION.....</b>	<b>1</b>
<b>2.0. SITE BACKGROUND .....</b>	<b>1</b>
<b>3.0. SCOPE OF WORK.....</b>	<b>2</b>
3.1. PERMITTING AND PRE-FIELD WORK ACTIVITIES .....	3
3.2. SOIL PROBE BORINGS AND SAMPLING.....	3
3.3. LABORATORY ANALYSIS .....	3
3.4. REPORT PREPARATION.....	4
<b>4.0 FIELD PROCEDURES.....</b>	<b>4</b>
4.1. SOIL BORING ADVANCEMENT & TEMPORARY WELL INSTALLATIONS .....	4
4.2. SOIL-VAPOR SAMPLING.....	5
4.3. SOIL SAMPLING .....	5
4.4. GRAB GROUNDWATER SAMPLING.....	5
4.5. SUB-SLAB SOIL-VAPOR WELL INSTALLATION & SAMPLING.....	6
4.6. EQUIPMENT DECONTAMINATION.....	7
4.7. BORING ABANDONMENT .....	7

**FIGURES**

- Figure 1 – *Site Plan*
- Figure 2 – *Proposed Soil-Vapor Sampling Locations*
- Figure 3 – *Proposed Grab Groundwater Sampling Locations*
- Figure 4 – *Proposed Sub-Slab Monitoring Point Design*
- Figure 5 – *Sub-Slab Sampling Design*

**TABLES**

- Table 1 – *Groundwater Elevations*
- Table 2 – *Analytical Results of Groundwater Samples*
- Table 3 – *Analytical Results of Soil Samples*
- Table 4 – *Analytical Results of Soil-Vapor Samples*

**APPENDICES**

- Appendix A – *Alameda County Environmental Health Department Directive Letters*

**Additional Site Assessment Work Plan**  
**SUNSHINE CLEANERS**  
**223 East 14<sup>th</sup> Street, San Leandro, California**

## **1.0. INTRODUCTION**

Advanced GeoEnvironmental, Inc. (AGE) has prepared this, *Additional Site Assessment Work Plan*, for 223 East 14<sup>th</sup> Street, San Leandro, California (site). The work plan details the advancement of eighteen (18) soil borings for collection of soil-vapor samples and advancement of seven (7) additional soil borings for collection of limited soil and grab groundwater samples. Soil-vapor wells and sub-slab soil-vapor points will be installed as part of the proposed investigation. Borings are proposed to evaluate the lateral extents of soil-vapor and groundwater impact resulting from unauthorized releases of chlorinated hydrocarbons as a result of historical dry cleaning operations performed at the site. In addition to the proposed work scope, AGE recommends that adjacent site (German Autocraft) groundwater well MW-12 be added to semi-annual sampling program (2<sup>nd</sup> and 4<sup>th</sup> Quarters of the calendar years).

A detailed map showing the location of the site, proposed boring locations and previously installed wells are presented as Figures 1 through 3. Historical depth to water, groundwater analytical, soil analytical and soil-vapor analytical data are included in Tables 1 through 4.

This work plan was prepared in accordance with Alameda County Department of Environmental Health (ACDEH) directives set forth in the 28 November 2016 letter (Appendix A).

## **2.0. SITE BACKGROUND**

It is AGE's understanding that subject property housed a dry cleaning operation for approximately 40 years. In 1993, the sewer line leading to the site was found broken and was repaired. Thereafter, in December 1993, a subsurface environmental investigation was performed by ACC Environmental Consultants to determine if dry cleaning operations had impacted the site. During the investigation elevated levels of dry cleaning constituents were detected near the sewer line break. In 1999, Earth Engineers installed a total of four groundwater monitoring wells to evaluate impact to groundwater beneath the site.

In September 2016, a total of eight (8) shallow soil-vapor samples were collected at the subject site. All borings were advanced to a total depth of five (5) feet below surface grade (bsg). Tetrachloroethene (PCE) was detected in all eight soil-vapor samples at concentrations ranging from 290 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) to 100,000 ( $\mu\text{g}/\text{m}^3$ ). Based on soil-vapor samples collected during the investigation, the lateral extent of the soil-vapor impact is undefined in all directions surrounding the site.

Moreover, the most concentrated areas were generally encountered southeast of the building back door (southeast corner) and boiler area of the building (Figure 2).

In November 2016 a groundwater monitoring event was performed at the site utilizing all site wells (MW-1 through MW-4), German Autocraft wells MW-1A, MW-9, MW-11 and the domestic well located at 141 Farrelly Drive. Based on results of the event, the lateral extent of the dissolved plume remains undefined north, northeast and northwest of the site. Additionally, low levels of PCE were detected in the domestic well. It should be noted that concentrations detected in the domestic well are well below San Francisco Bay Environmental Screening Levels.

Based on findings of investigations performed at the site to date, additional assessment of soil-vapor and groundwater is needed to determine the lateral extents of the impacts. Additionally, the proposed scope of work will aid in preparation of pilot test work plans and the eventual final remediation plan for the site. Detailed procedures for the proposed work scope are provided below.

### **3.0. SCOPE OF WORK**

Based historical analytical data, AGE proposes to advance a total eighteen (18) borings for installation of temporary soil-vapor sampling points (Figure 2) and advancement of seven (7) soil borings for collection of grab groundwater samples. Additionally, a total of two sub-slab vapor points are proposed for installation within the San Gasper restaurant and three soil-vapor wells in property parking lot for future performance of a soil-vapor extraction pilot study. The proposed scope will include the following tasks:

- Permitting and pre-field work activities;
- Advancement of eighteen (18) soil borings for collection of soil-vapor samples;
- Advancement of seven (7) soil borings for collection of soil and grab groundwater samples;
- Advancement of two (2) sub-slab vapor wells within the San Gasper Restaurant;
- Advancement of three (3) soil-vapor extraction wells in the parking lot of the property;
- Continuation of the semi-annual groundwater monitoring program with addition of German Autocraft well MW-12 and
- Report preparation.

Each of these tasks is described in greater detail below.

### 3.1. PERMITTING AND PRE-FIELD WORK ACTIVITIES

Applicable site assessment boring/well installation permits will be obtained from the Alameda County Public Works Agency - Water Resources Division (ACPWAWRD); encroachment permits will be obtained for proposed locations in the City of San Leandro Right-of-Way. Access agreement will be obtained from the off-site property owner(s) where borings are proposed. Additionally, a site-specific Health and Safety Plan will be prepared. Prior to mobilization, each soil probe location will be clearly marked and a utility clearance obtained through Underground Service Alert. The ACPWAWRD will be contacted a minimum of five days prior to conducting investigation activities to arrange for inspection.

### 3.2. SOIL PROBE BORINGS AND SAMPLING

A total of eighteen (18) soil borings will be advanced surrounding, off-site to the west and south of the site for installation and sampling of temporary vapor points. All proposed soil-vapor sampling borings will be advanced to a depth of 5 feet bsg using either a hand auger or a direct push drilling rig. The soil-vapor survey will be conducted in accordance with the California – Environmental Protection Agency (CALEPA) protocol as detailed in *Advisory – Active Soil Gas Investigations*, July 2015.

A total of seven (7) borings are proposed surrounding and off-site for collection of shallow grab groundwater samples. All borings are proposed to be advanced to a total depth of 35 feet bsg utilizing a direct-push drilling rig.

A total of two (2) sub-slab vapor wells will be installed just beneath the slab within the kitchen and dining area of the San Gasper restaurant. The sub-slab wells will be installed using a hand tooled method.

Additionally, a total of three soil-vapor extraction wells will be installed in locations illustrated on Figure 3. All three wells will be installed to a total depth of 20 feet below surface grade, just above the capillary fringe using a limited access drilling rig equipped with 8-inch hollow stem augers.

The total boring depths for all soil-vapor sampling, grab groundwater sampling and soil-vapor extraction wells may vary based on site conditions. Field procedures are provided below.

### 3.3. LABORATORY ANALYSIS

Soil-vapor and groundwater samples will be analyzed by a California Department of Public Health (CDPH)-certified laboratory for full scan volatile organic compounds (VOC's) by EPA methods 8260B and TO-15.



### 3.4. REPORT PREPARATION

Following completion of site assessment activities a report of findings will be prepared. The report will include field observations, sampling methodology, sample location maps, laboratory reports for soil-vapor sample, soil and groundwater analyses (including testing methods, laboratory quality assurance/quality control (QA/QC) reports, and sample chain-of-custody documentation), conclusions, and applicable recommendations. The report will be in a format acceptable by the local agency and will be reviewed and signed by a California Professional Geologist.

## 4.0 FIELD PROCEDURES

All field procedures will be conducted by an AGE representative working under the supervision of a California Professional Geologist. Procedures for advancing soil probe borings, collection/analysis of soil-vapor and groundwater samples, decontamination and sample handling are presented below.

### 4.1. SOIL BORING ADVANCEMENT & TEMPORARY WELL INSTALLATIONS

Proposed soil borings will be advanced to a total depth of five (5) feet bsg using a van-mounted drilling rig or hand auger. For borings advanced with probing rigs, 1.25-inch probing rods will be used to advance the boring to total depth. The drill rig advances soil probe borings using a hydraulic hammer to drive sampling tools to specified depths.

At each location temporary sampling points will be installed following the advancement of the borings. A seven foot section of Teflon tubing will be attached to a vapor sampling implant. The tubing and implant will be lowered to the base of the boring and then one-foot of #2/12 sand will be poured around the implant to create a filter pack (from 4 to 5 feet bsg). Thereafter, one foot of dry granular bentonite will be poured down the borehole from 3 to 4 feet bsg. The remainder of the borehole will be filled with granular bentonite that will be hydrated until it reaches surface grade. The hydrated bentonite is used to create a seal to prevent ambient air intrusion into the sample.

For borings proposed for soil-vapor extraction wells, a limited access drilling rig, equipped with 8-inch hollow stem augers will be used to advance all locations to a depth of 20 feet bsg. Once total depth is reached a total of 17 feet of 2-inch diameter 0.020-inch well screen and 3 feet of blank PVC pipe will be lowered down the center of the auger. A filter pack consisting of #3 sand will be slowly poured to just above the well screen at 17 feet bsg. Thereafter one foot of bentonite chips will be placed above the filter pack to create a sanitary seal. The remaining annular space will then be filled with Portland cement to create a grout seal. The surface at all locations will be finished flush with a water-tight well box.

#### 4.2. SOIL-VAPOR SAMPLING

Soil vapor samples will be collected and analyzed using an onsite mobile lab a minimum of 48 hours after installation to allow for equilibrium. Per the Advisory – Active Soil Gas Investigations, three purge volumes will be removed prior to sampling. A tracer gas of either isopropyl alcohol (IPA) or 1,1-difluoroethane (1,1-DFA) will be used during field sampling activities to determine if ambient air intrusion is occurring through the sample point surface seal. All samples will be run onsite following sample collection, using EPA Method 8260B.

Following sample collection the total VOC concentration in the sample probes will be measured using a hand-held photo-ionization detector (PID; Mini-Rae).

#### 4.3. SOIL SAMPLING

Soil samples will be collected from one of the seven borings for lithological evaluation only during the investigation; however, if field evidence of chlorinated hydrocarbon impact is encountered samples will be collected for laboratory analysis. Soil samples will be collected at discreet five-foot intervals beginning at five (5) feet bsg using a 1.25 inch Geoprobe soil sampling assembly loaded with a two-foot acetate liner.

If samples are packed for laboratory analysis, a selected portion of the liner will be cut and covered with Teflon sheets, capped and sealed with tape. Appropriately sealed and labeled samples will be placed in a chilled container under ice and transported under chain-of-custody procedure to a CDPH-certified laboratory. Samples will be analyzed for the constituents listed in Section 3.3. Each sample will be labeled with boring designation, depth, time, date and sampler's initials. Soils encountered in the borings will be visually classified by AGE personnel in accordance with the Unified Soil Classification System (USCS). Additionally, soil samples will be field-screened for presence of volatile organic compounds using an organic vapor meter (OVM), equipped with photo-ionization detector (PID) pre-calibrated to isobutylene.

#### 4.4. GRAB GROUNDWATER SAMPLING

For collection of grab groundwater samples, soil borings will be advanced to the top of the groundwater table as identified by collection of a saturated soil sample. Once groundwater has been encountered, a Geoprobe (or similar) push-driven water sampling device will be advanced four feet into the water-bearing zone. Grab groundwater samples will be collected using a Geoprobe water sampling assembly fitted with a pre-cleaned, one-inch diameter 0.01-slotted temporary well screen. Each groundwater sample will be extracted by dedicated disposable polyethylene tubing through the hollow center of the push rods into the screen section. Samples will be analyzed for the constituents listed in Section 3.3. and will be collected into laboratory-supplied, non-preserved 40-ml Volatile Organic Analysis (VOA) vials.

Appropriately sealed and labeled samples will be placed in a chilled container under ice and transported under chain-of-custody procedure to a CDPH-certified laboratory. Each sample container will be labeled with sample designation, time, date and sampler's initials.

#### 4.5. SUB-SLAB SOIL-VAPOR WELL INSTALLATION & SAMPLING

Each sub-slab soil-vapor point will be installed by coring a two-inch diameter section from the concrete slab through to the bottom of the slab. The core will be removed and a one-inch diameter hand auger will be advanced to a minimum of eight inches below the bottom of the slab. The sub-slab soil-vapor sampling point will be constructed using a porous ceramic filter attached to a 0.25-inch outside diameter (OD) stainless-steel tube using 0.25-inch Teflon® tubing and a 0.25-inch brass hose barb. The stainless-steel tubing will extend to near the surface of the concrete slab and be terminated with a compression nut and sleeve. The borehole annular space will be filled with #2/12 sand from the bottom to 4 inches above the bottom of the borehole followed by a Teflon® separator, 2-inches of dry granular bentonite, 2-inches of hydrated bentonite, and a concrete seal to near the surface of the concrete slab. A removable surface-flush seal will be fashioned and installed over the compression fitting. The sub-slab soil-vapor sampling point design is depicted on Figure 4.

One-liter Summa sampling canisters and five-liter Summa purge canisters will be used to collect each sub-slab soil-vapor sample. The sampling and purge canisters will be connected together with a dedicated and serialized sampling inlet manifold. The sampling inlet manifold will consist of a vapor-tight valve, a particulate filter, a calibrated flow restrictor calibrated to 200 milliliters per minute (ml/min), a stainless steel tee-fitting, two vacuum gauges at either end of the flow controller, and connections for both purge and sampling canisters (manifold assembly). The manifold assembly will be attached to the tubing from the soil vapor rods. The purge canister will be attached to the end of the sampling manifold while the sample canisters will be attached to the tee-fitting between the PRT and purge container (Figure 5). Teflon® tape will be placed on the threads of each open fitting of the manifold assembly prior to attaching the PRT and sampling and purge canisters.

Each canister's initial vacuum will be measured and recorded in inches of mercury (in Hg). Leak tests will be performed on each assembly by attaching and securing the sample and purge canisters to the manifold and opening the valves on the purge canister and the manifold. The leak test will be performed for approximately 10 minutes on each assembly.

Each sub-slab soil-vapor location will be isolated from ambient air by enclosing the borehole, tubing and manifold/canister assembly in clear plastic shroud, which will be sealed at the surface. Isopropyl alcohol (IPA) as a liquid will be placed in a stainless steel bowl within the plastic structure and allowed to volatilize into the air enclosed within the shroud surrounding the borehole, tubing and manifold/canister assembly.

The purge volume will be determined by calculating the internal volume of the tubing, vapor point holder and PRT adapter, and the volume of sampling void (created by retracting the boring rod).

Upon achieving a successful leak test the purge canister valve will be opened for a calculated period of time to allow the three calculated volumes of air to be purged. The purge vacuum gauge will be monitored to ensure a proper decrease of vacuum purged.

Upon achieving the targeted purge volume, the purge canister valve will be closed and the sample canister valve will be opened. The initial pressure and time will be recorded. Upon reaching at least -5 in Hg or less, the sample canister valve will be closed and final pressure and time recorded. The sampling port on the sampling canister will be capped with a brass end-cap and sealed with Teflon® tape.

The soil-vapor samples will be transported under chain-of-custody procedures to a California Department of Public Health (CDPH)-certified laboratory and analyzed for Total VOCs and IPA (tracer gas) in accordance with EPA Method TO-15.

#### 4.6. EQUIPMENT DECONTAMINATION

Prior to use, all sampling tools used for sample collection will be thoroughly rinsed with clean water after being washed with a solution of Alconox. All probe tooling and rods will be cleaned prior to advancement at each probe boring location.

#### 4.7. BORING ABANDONMENT

All borings will be permanently sealed to prevent vertical migration of potential contaminants. Soil borings shall be abandoned by backfilling with cement grout from the total depth to surface grade. The top three to six inches of the boring abandonments will be completed flush to surface grade with native soils or concrete. The ACPWAWRD will be notified for grout inspection at least five days prior to conducting grouting procedures.

# FIGURES

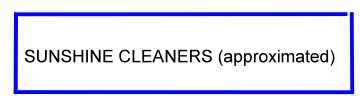


**SITE PLAN**  
SUNSHINE CLEANERS  
223 EAST 14TH STREET  
SAN LEANDRO, CALIFORNIA



**LEGEND**

- MW-11 SUNSHINE CLEANERS GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (approximated)
- B1 SOIL BORING LOCATIONS AND DESIGNATIONS (approximated)
- VP-1 SOIL-VAPOR SAMPLING LOCATION



- MW-1 GERMAN AUTOCRAFT GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (approximated)
- DOMESTIC WELL LOCATION (approximated)



**PROPOSED SOIL-VAPOR SAMPLING LOCATIONS**  
**SUNSHINE CLEANERS**  
**223 EAST 14TH STREET**  
**SAN LEANDRO, CALIFORNIA**



- LEGEND**
- VP-1
  - ▲ SOIL-VAPOR SAMPLING LOCATION & PCE SOIL-VAPOR CONCENTRATION (micrograms per cubic meter)
  - PROPOSED SOIL-VAPOR SAMPLING LOCATIONS

Notes:  
PCE: Tetrachloroethene



PROPOSED GRAB GROUNDWATER SAMPLING LOCATIONS

SUNSHINE CLEANERS  
223 EAST 14TH STREET  
SAN LEANDRO, CALIFORNIA

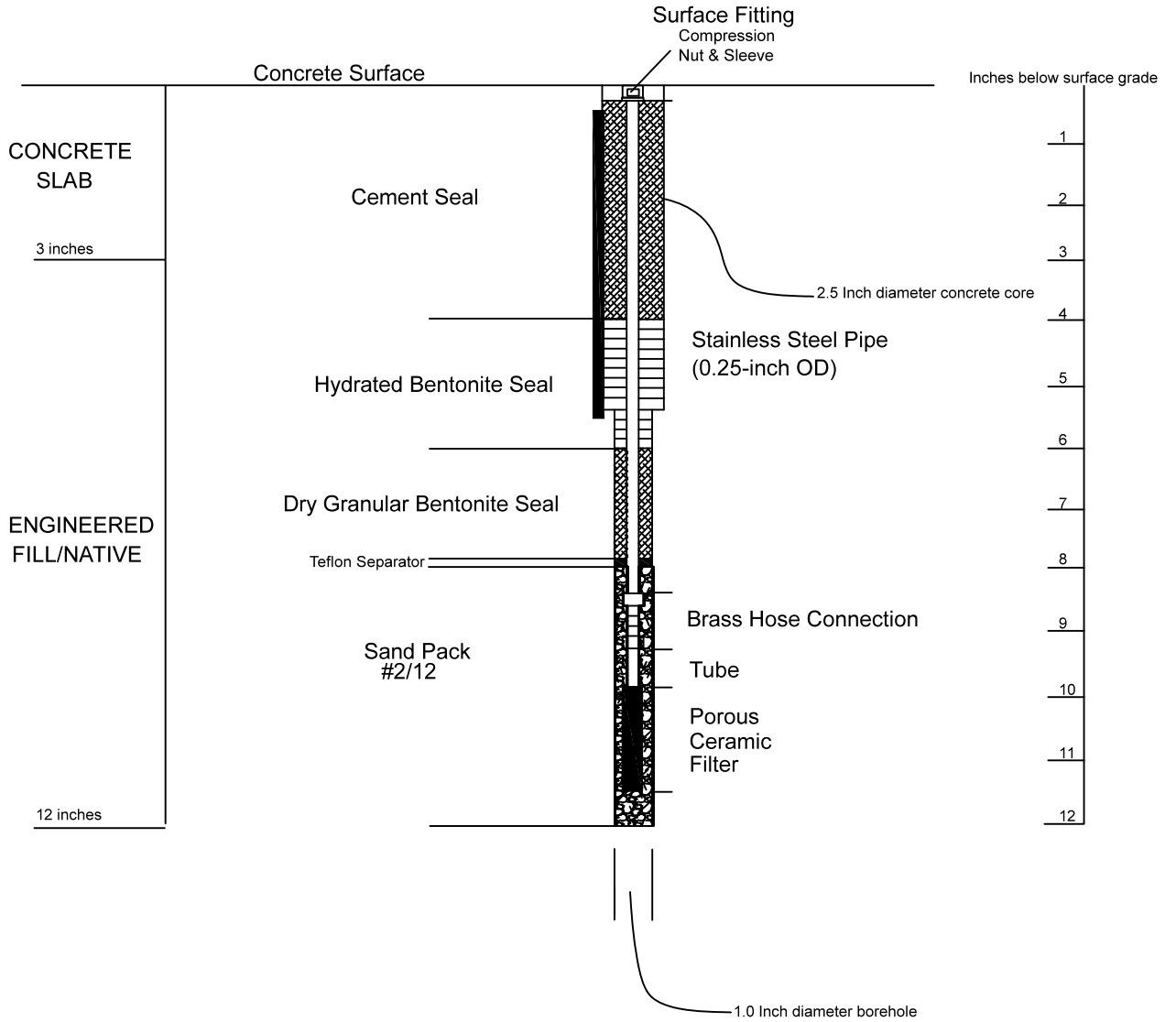


LEGEND

- MW-4 3.6 SUNSHINE CLEANERS GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (approximated) & DISSOLVED PCE CONCENTRATION (ug/L)
- MW-1A 3.4 GERMAN AUTOCRAFT GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (approximated) & DISSOLVED PCE CONCENTRATION (ug/L)
- DOMESTIC WELL LOCATION (approximated) & DISSOLVED PCE CONCENTRATION (ug/L)

- PCE: TETRACHLOROETHENE
- ESTIMATED LATERAL EXTENTS OF DISSOLVED PCE IMPACT - SHALLOW WELLS
- PROPOSED GRAB GROUNDWATER SAMPLING LOCATIONS





PROPOSED SUB-SLAB MONITORING POINT DESIGN  
 SUNSHINE CLEANERS  
 223 EAST 14TH STREET  
 SAN LEANDRO, CALIFORNIA



*Advanced*  
 GeoEnvironmental, Inc.  
 www.advgeoenv.com

PROJECT NO. AGE 12-2461

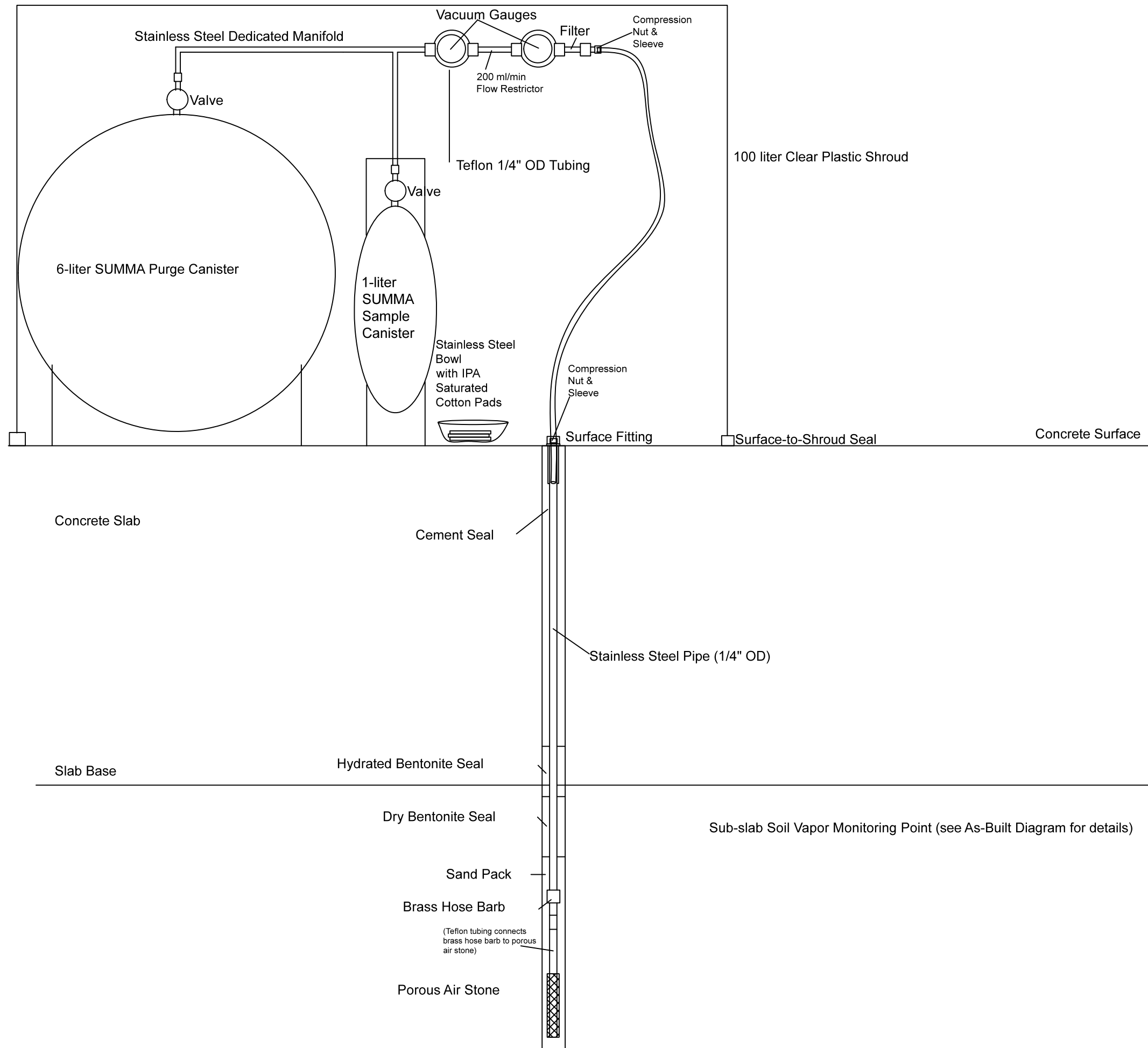
FILE: SVI

FIGURE:

DATE: APRIL 2017

DRAWN BY: MAC

4



**SUB-SLAB SAMPLING DESIGN**  
 SUNSHINE CLEANERS  
 223 EAST 14TH STREET  
 SAN LEANDRO, CALIFORNIA

**Advanced GeoEnvironmental, Inc.**  
 www.advgeoenv.com  
 PROJECT NO. AGE 16-3802  
 DATE: APRIL 2017  
 FILE: DRAWN BY: MAC  
 FIGURE: 5

# **TABLES**

**TABLE 1**  
**GROUNDWATER ELEVATIONS**  
 Sunshine Cleaners  
 223 East 14th Street, San Leandro, California  
 (feet)

Well Designation	Date	Depth to Groundwater (btoc)	Groundwater Elevation (NAVD88)	Groundwater Flow and Gradient	
				Quarter/Year	Direction and Gradient (ft/ft)
MW-1	02-01-2016	23.85	-	1ST/2016	-
	11-08-2016	25.69	-	4TH/2016	-
MW-2	02-16-2016	23.22	-		
	11-08-2016	25.05	-		
MW-3	02-01-2016	23.15	-		
	11-08-2016	25.02	-		
MW-4	02-01-2016	23.30	-		
	11-08-2016	25.19	-		
GA-MW-1A	11-08-2016	25.10			
GA-MW-9	11-08-2016	25.50	-		
GA-MW-11	11-08-2016	24.70	-		

Notes:

bsg: below surface grade

btoc: below top of casing

**TABLE 2**  
**ANALYTICAL RESULTS OF GROUNDWATER SAMPLES**  
**Sunshine Cleaners**  
**223 East 14th Street, San Leandro, California**  
**(ug/l)**

Sample ID (screened interval ft bsg)	Date	Depth to Groundwater (btoc)	EPA SW 5030B/8260B							
			Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,1- Dichloroethene (1,1-DCE)	Trans 1,2- Dichloroethene (Trans 1,2-DCE)	Cis 1,2- Dichloroethene (Cis 1,2-DCE)	Vinyl Chloride (VC)	Chloroform	Acetone
MW-1	02-01-2016	23.85	<b>54</b>	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<25
	11-08-2016	25.69	<b>34.7</b>	<1	<1	<1	<1	<1	<1	<10
MW-2	02-01-2016	23.22	<b>0.62</b>	<0.5	<0.5	<0.5	<0.5	<0.5	<b>3.0</b>	<10
	11-08-2016	25.05	<1	<1	<1	<1	<1	<1	<b>6.0</b>	<10
MW-3	02-01-2016	23.15	<b>0.69</b>	<0.5	<0.5	<0.5	<0.5	<0.5	<b>4.7</b>	<10
	11-08-2016	25.02	<1	<1	<1	<1	<1	<1	<b>8.46</b>	<10
MW-4	02-01-2016	23.30	<b>1.0</b>	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10
	11-08-2016	25.19	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<10
GA-MW-1A	11-08-2016	25.10	<b>3.06</b>	<1	<1	<1	<1	<1	<1	<10
GA-MW-9	11-08-2016	25.50	<1	<1	<1	<1	<1	<1	<1	<10
GA-MW-11	11-08-2016	24.70	<b>4.03</b>	<1	<1	<1	<1	<1	<b>4.64</b>	<10
141 Farrelly Drive (Domestic Well)	11-08-2016	-	<b>1.70</b>	<1	<1	<1	<1	<1	<1	<10
SFBRWCB ESL			5	5	6	10	6	0.5	80	1,500

Notes:

<: Indicates constituents were not detected at a concentration greater than the reporting limit shown

µg/l: micrograms per liter

SFBRWCB ESL: San Francisco Bay Area Regional Water Quality Control Board Environmental Screening Levels

btoc: below top of casing

bsg: below surface grade

**TABLE 3**  
**ANALYTICAL RESULTS OF SOIL SAMPLES**  
**Sunshine Cleaners**  
**223 East 14th Street, San Leandro, California**  
**(mg/kg)**

Sample ID	Depth (feet bsg)	Date	EPA SW 846/8260B					
			Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,1- Dichloroethene (1,1-DCE)	Trans 1,2- Dichloroethene (Trans 1,2-DCE)	Cis 1,2- Dichloroethene (Cis 1,2-DCE)	Vinyl Chloride (VC)
B1-5	5	12-03-1993	<b>0.23</b>	<0.005	<0.005	<0.005	<0.005	<0.005
B1-10	10	12-03-1993	<b>3.6</b>	<0.005	<0.005	<0.005	<0.005	<0.005
B2-5	5	12-03-1993	<b>0.14</b>	<0.005	<0.005	<0.005	<0.005	<0.005
B2-10	10	12-03-1993	<b>4.2</b>	<0.005	<0.005	<0.005	<0.005	<0.005
B3-5	5	12-03-1993	<b>0.088</b>	<0.005	<0.005	<0.005	<0.005	<0.005
B3-10	10	12-03-1993	<b>0.71</b>	<b>0.37</b>	<0.005	<b>0.016</b>	<0.005	<0.005
B4-5	5	12-03-1993	<b>0.43</b>	<0.005	<0.005	<0.005	<0.005	<0.005
B4-10	10	12-03-1993	<b>0.71</b>	<b>0.013</b>	<0.005	<0.005	<0.005	<0.005

Notes:

mg/kg: milligrams per kilogram

bsg: below surface grade

<: Indicates constituents were not detected at a concentration greater than the reporting limit shown.

**TABLE 4**  
**ANALYTICAL RESULTS OF SOIL-VAPOR SAMPLES**  
**SUNSHINE CLEANERS**  
**223 East 14th Street, San Leandro, California**  
**(micrograms per cubic meter)**

Sample ID	Date	Depth (feet bsg)	EPA Method 8260B													
			PCE	TCE	1,1-DCE	Trans 1,2-DCE	Cis 1,2-DCE	VC	Chloroform	Benzene	Toluene	Ethylbenzene	m,p-xylene	o-xylene	1,1-DFA	
VP-1	09-23-2016	5	290	<100	<100	<100	<100	<100	<100	<100	<80	<200	<100	<200	<100	<10,000
VP-2	09-23-2016	5	5,600	<100	<100	<100	<100	<100	<100	<100	<80	<200	<100	<200	<100	<10,000
VP-3	09-23-2016	5	80,000	<100	<100	<100	<100	<100	<100	<100	<80	<200	<100	<200	<100	<10,000
VP-4	09-23-2016	5	37,000	<100	<100	<100	<100	<100	<100	<100	<80	<200	<100	<200	<100	<10,000
VP-5	09-23-2016	5	3,100	<100	<100	<100	<100	<100	<100	<100	<80	<200	<100	<200	<100	<10,000
VP-6	09-23-2016	5	3,100	<100	<100	<100	<100	<100	<100	<100	<80	<200	<100	<200	<100	<10,000
VP-7	09-23-2016	5	3,800	<100	<100	<100	<100	<100	<100	<100	<80	<200	<100	<200	<100	<10,000
VP-8	09-23-2016	5	100,000	250	<100	<100	<100	<100	<100	<100	<80	<200	<100	<200	<100	<10,000
CHHSLs (Commercial)			1,600	4,400	-	240,000	120,000	95	-	280	89,000	3,600	2,400,000	240,000	-	
SFBRWCB ESL Shallow Soil Gas (Commercial)			2,100	3,000	310,000	260,000	35,000	160	530	420	1,300,000	4,900	440,000	440,000	-	
SFBRWCB ESL Shallow Soil Gas (Residential)			210	340	37,000	31,000	4,200	18	61	48	160,000	560	52,000	52,000	-	

**Notes:**

SFBRWCB ESL: San Francisco Bay Regional Water Quality Control Board Environmental Screening Level for shallow soil gas

<: Indicates constituents were not detected at a concentration greater than the reporting limit shown.

CHHSLs: California Human Health Screening Levels

PCE: Tetrachloroethene

TCE: Trichloroethene

1,1-DCE: 1,1-Dichloroethene

Trans 1,2-DCE: Trans 1,2-Dichloroethene

Cis 1,2-DCE: Cis 1,2-Dichloroethene

VC: Vinyl Chloride

1,1-DFA: 1,1-difluoroethane

bsg: below surface grade

\*: notation for estimated value; detection above the liner range of calibration

# **APPENDIX A**





November 28, 2016

Mr. James Reed  
Dinosaur Development Inc.  
3 Altarinda Road, #201  
Orinda, CA 94567

Walther & Finestone  
Alys Garcia  
10920 Wilshire Blvd.  
Los Angeles, CA 90024

Valentin Reynoso and Martha Vallejo  
201 E. 14<sup>th</sup> Street  
San Leandro, CA 94577  
(Sent via electronic mail to:  
[Nelsonreynoso1988@gmail.com](mailto:Nelsonreynoso1988@gmail.com))

Subject: Work Plan Approval; SCP Case File No. RO0002764 (Global ID # T06019795383),  
Sunshine Cleaners, 223 E. 14<sup>th</sup> Street, San Leandro, CA 94577

Dear Ladies and Gentlemen:

Alameda County Environmental Health (ACDEH) has reviewed the *Site Assessment Report*, dated October 5, 2016 (received November 10, 2016), and the *Indoor Air Sampling Work Plan*, dated November 10, 2016. The documents were prepared and submitted on your behalf by Advanced GeoEnvironmental, Inc. (AGE). Thank you for submitting them.

The Site Assessment Report documented the installation of eight temporary soil vapor wells and documented tetrachlorethene (PCE) concentrations above commercial Environmental Screening Levels (ESLs) promulgated by the San Francisco Bay Regional Water Quality Control Board (RWQCB) at seven of the eight locations. Concentrations up to 100,000 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) were detected. The commercial ESL is 2,100  $\mu\text{g}/\text{m}^3$ . Trichloroethene (TCE) concentrations were detected in one vapor sample below the residential TCE ESL.

The referenced work plan proposed the collection of two indoor air vapor samples, as well as an outdoor ambient air sample, at the building adjacent to, and to the north of the dry cleaner. The building is currently occupied by a Mexican restaurant. The contents of the building will be screened for chemical content that can complicate an indoor air vapor analysis, and the building construction will be surveyed using Department of Toxic Substances Control (DTSC) forms.

Based on ACDEH staff review of the work plan, the proposed scope of work is conditionally approved for implementation provided that the technical comments below are incorporated during the proposed work. Submittal of a revised work plan or a work plan addendum is not required unless an alternate scope of work outside that described in the work plan or these technical comments is proposed. We request that you address the following technical comments, perform the proposed work, and send us the report described below. Please provide 72-hour advance written notification to this office (e-mail preferred to: [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org)) prior to the start of field activities.

#### **TECHNICAL COMMENTS**

- 1. Site Assessment Work Plan Modifications** – The referenced site assessment work plan proposes a series of actions with which ACDEH is in general agreement of undertaking. Please submit the results of the investigation in an indoor vapor investigation report by the date identified below.
- 2. Data Gap Work Plan** – The referenced soil vapor investigation recommended that an additional investigation be conducted in order to define the lateral extent of elevated soil, soil vapor, and groundwater at the site and vicinity. Please include a Data Gap Work Plan with the report requested above.

#### **TECHNICAL REPORT REQUEST**

Please upload technical reports to the ACDEH ftp site (Attention: Mark Detterman), and to the State Water Resources Control Board's Geotracker website, in accordance with Attachment 1 and the specified file naming convention below, according to the following schedule:

- **February 3, 2017** – Semi-Annual Groundwater Monitoring Report  
File to be named: RO2764\_GWM\_R\_yyyy-mm-dd
- **February 6, 2017** – Indoor Air Assessment Report and Data Gap Work Plan  
File to be named: RO2764\_SWI\_WP\_R\_yyyy-mm-dd

Online case files are available for review at the following website: <http://www.acgov.org/aceh/index.htm>.

If your email address does not appear on the cover page of this notification, ACDEH is requesting you provide your email address so that we can correspond with you quickly and efficiently regarding your case.

Should you have any questions, please contact me at (510) 567--6876 or send me an electronic mail message at [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org).

Sincerely,



Digitally signed by Mark Detterman  
DN: cn=Mark Detterman, o=ACEH,  
ou=ACEH,  
email=mark.detterman@acgov.org, c=US  
Date: 2016.11.28 17:12:26 -08'00'

Mark E. Detterman, P.G., C.E.G.  
Senior Hazardous Materials Specialist

Enclosures: Attachment 1 – Responsible Party (ies) Legal Requirements / Obligations  
Electronic Report Upload (ftp) Instructions

cc: Rene Toth, Advanced GeoEnvironmental, Inc, 837 Shaw Road, Stockton, CA 95215  
(Sent via electronic mail to: [RToth@advgeoenv.com](mailto:RToth@advgeoenv.com))

Brian Millman, Advanced GeoEnvironmental, Inc, 837 Shaw Road, Stockton, CA 95215  
(Sent via electronic mail to: [BMillman@advgeoenv.com](mailto:BMillman@advgeoenv.com))

Daniel Villanueva, Advanced GeoEnvironmental, Inc, 837 Shaw Road, Stockton, CA 95215  
(Sent via electronic mail to: [DVillanueva@advgeoenv.com](mailto:DVillanueva@advgeoenv.com))

Dilan Roe, ACDEH, (Sent via electronic mail to: [dilan.roe@acgov.org](mailto:dilan.roe@acgov.org))  
Paresh Khatri, ACDEH; (Sent via electronic mail to: [paresh.khatri@acgov.org](mailto:paresh.khatri@acgov.org))  
Mark Detterman, ACDEH, (Sent via electronic mail to: [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org))  
Electronic File; GeoTracker



## Attachment 1

### Responsible Party(ies) Legal Requirements / Obligations

#### REPORT REQUESTS

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

#### ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) GeoTracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the GeoTracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). Please visit the SWRCB website for more information on these requirements ([http://www.waterboards.ca.gov/water\\_issues/programs/ust/electronic\\_submittal/](http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/)).

#### PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

#### PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

#### UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

#### AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.



<b>Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)</b>	<b>REVISION DATE:</b> May 15, 2014
	<b>ISSUE DATE:</b> July 5, 2005
	<b>PREVIOUS REVISIONS:</b> October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010, July 25, 2010
<b>SECTION:</b> Miscellaneous Administrative Topics & Procedures	<b>SUBJECT:</b> Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

## REQUIREMENTS

- **Please do not submit reports as attachments to electronic mail.**
- Entire report including cover letter must be submitted to the ftp site as a **single portable document format (PDF) with no password protection.**
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- **Signature pages and perjury statements must be included and have either original or electronic signature.**
- **Do not password protect the document.** Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:

RO#\_Report Name\_Year-Month-Date (e.g., RO#5555\_WorkPlan\_2005-06-14)

## Submission Instructions

- 1) Obtain User Name and Password
  - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
    - i) Send an e-mail to [deh.loptoxic@acgov.org](mailto:deh.loptoxic@acgov.org)
  - b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for.**
- 2) Upload Files to the ftp Site
  - a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
    - (i) Note: Netscape, Safari, and Firefox browsers will not open the FTP site as they are NOT being supported at this time.
  - b) Click on Page located on the Command bar on upper right side of window, and then scroll down to Open FTP Site in Windows Explorer.
  - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
  - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
  - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
  - a) Send email to [deh.loptoxic@acgov.org](mailto:deh.loptoxic@acgov.org) notify us that you have placed a report on our ftp site.
  - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
  - c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO#, use the street address instead.
  - d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.



ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

REBECCA GEBHART, Interim Director



DEPARTMENT OF ENVIRONMENTAL HEALTH  
LOCAL OVERSIGHT PROGRAM (LOP)  
For Hazardous Materials Releases  
1131 HARBOR BAY PARKWAY, SUITE 250  
ALAMEDA, CA 94502  
(510) 567-6700  
FAX (510) 337-9335

March 31, 2017

Mr. James Reed  
Dinosaur Development Inc.  
3 Altarinda Road, #201  
Orinda, CA 94567

Walther & Finestone  
Alys Garcia  
10920 Wilshire Blvd.  
Los Angeles, CA 90024

Valentin Reynoso and Martha Vallejo  
201 E. 14<sup>th</sup> Street  
San Leandro, CA 94577  
(Sent via electronic mail to:  
[Nelsonreynoso1988@gmail.com](mailto:Nelsonreynoso1988@gmail.com))

Subject: Work Plan Request; SCP Case File No. RO0002764 (Global ID # T06019795383),  
Sunshine Cleaners, 223 E. 14<sup>th</sup> Street, San Leandro, CA 94577

Dear Ladies and Gentlemen:

Alameda County Environmental Health (ACDEH) has reviewed the *Indoor Air Sampling Report*, dated January 10, 2017 (received February 10, 2017). The document was prepared and submitted on your behalf by Advanced GeoEnvironmental, Inc. (AGE). Thank you for submitting the report.

The referenced report documented the collection of two indoor air samples, and an outdoor air sample to characterize background air concentrations, at the restaurant north and adjacent to the subject dry cleaner site. Both indoor air samples were significantly above the commercial indoor air Environmental Screening Level (ESL) promulgated by the San Francisco Bay Regional Water Quality Control District (RWQCB). The report, using the highest concentration of Tetrachloroethene (PCE) also calculated a preliminary Human Health Risk Assessment (HHRA) to determine if the health risk was imminent. Based on the preliminary calculated values, imminent health risks may be limited; however, concentrations require immediate reduction to acceptable health based goals.

Based on ACDEH staff review of the case file, we request that you address the following technical comments and send us the reports described below.

#### **TECHNICAL COMMENTS**

- 1. Work Plan** – The referenced report contained a set of recommendation with which ACDEH is in general agreement with. This included modification of the HVAC system of the restaurant with subsequent indoor air sampling to evaluate the effect of the modification on indoor air, preparation of a fact sheet, and preparation of a work plan for the installation of sub-slab and shallow soil vapor wells, and the performance of a limited soil-vapor extraction pilot test. Please submit documentation of the HVAC system alterations, a draft public fact sheet with known interested parties identified, and a work plan for the installation of the sub-slab and vapor well points. Please additionally include within the scope of work the lateral definition of elevated soil and soil vapor concentrations in order to define the area of extent that may require remediation. Please ensure other adjacent businesses are included in the evaluation.
- 2. GeoTracker Compliance** – A review of the State Water Resources Control Board's (SWRCB) GeoTracker website indicates the site has not been claimed. Because this is a state requirement, ACDEH requests that the site be claimed in GeoTracker by the date identified below.

Pursuant to California Code of Regulations, Title 23, Division 3, Chapter 16, Article 12, Sections 2729 and 2729.1, beginning September 1, 2001, all analytical data, including monitoring well samples, submitted in a report to a regulatory agency as part of the UST or LUST program, must be transmitted electronically to the SWRCB GeoTracker system via the internet. Also, beginning January 1, 2002, all permanent monitoring points utilized to collect groundwater samples (i.e. monitoring wells) and submitted in a report to a regulatory agency, must be surveyed (top of casing) to mean sea level and latitude and longitude to sub-meter accuracy using NAD 83. A California licensed surveyor may be required to perform this work. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs,



including SLIC programs. Additionally, pursuant to California Code of Regulations, Title 23, Division 3, Chapter 30, Articles 1 and 2, Sections 3893, 3894, and 3895, beginning July 1, 2005, the successful submittal of electronic information (i.e. report in PDF format) shall replace the requirement for the submittal of a paper copy. Please claim your site and upload all future submittals to GeoTracker and ACEH's ftp server by the date specified below. Electronic reporting is described below on the attachments.

Additional information regarding the SWRCB's GeoTracker website may be obtained online at [http://www.waterboards.ca.gov/water\\_issues/programs/ust/electronic\\_submittal/](http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/) and [http://www.swrcb.ca.gov/ust/electronic\\_submittal/report\\_rqmts.shtml](http://www.swrcb.ca.gov/ust/electronic_submittal/report_rqmts.shtml) or by contacting the GeoTracker Help Desk at [geotracker@waterboards.ca.gov](mailto:geotracker@waterboards.ca.gov) or (866) 480-1028.

### **TECHNICAL REPORT REQUEST**

Please upload technical reports to the ACDEH ftp site (Attention: Mark Detterman), and to the State Water Resources Control Board's Geotracker website, in accordance with Attachment 1 and the specified file naming convention below, according to the following schedule:

- **April 21, 2017** – Draft Fact Sheet and Geotracker Compliance  
Please email to your case worker documentation of Geotracker compliance and the draft fact sheet.
- **June 5, 2017** – Data Gap Work Plan and HVAC Modification Documentation  
File to be named: RO2764\_WP\_R\_yyyy-mm-dd

Online case files are available for review at the following website: <http://www.acgov.org/aceh/index.htm>.

If your email address does not appear on the cover page of this notification, ACDEH is requesting you provide your email address so that we can correspond with you quickly and efficiently regarding your case.

Should you have any questions, please contact me at (510) 567--6876 or send me an electronic mail message at [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org).

Sincerely,



Mark E. Detterman, P.G., C.E.G.  
Senior Hazardous Materials Specialist

Enclosures: Attachment 1 – Responsible Party (ies) Legal Requirements / Obligations  
Electronic Report Upload (ftp) Instructions

cc: William Little, Advanced GeoEnvironmental, Inc, 837 Shaw Road, Stockton, CA 95215  
(Sent via electronic mail to: [WLittle@advgeoenv.com](mailto:WLittle@advgeoenv.com))

Daniel Villanueva, Advanced GeoEnvironmental, Inc, 837 Shaw Road, Stockton, CA 95215  
(Sent via electronic mail to: [DVillanueva@advgeoenv.com](mailto:DVillanueva@advgeoenv.com))

Dilan Roe, ACDEH, (Sent via electronic mail to: [dilan.roe@acgov.org](mailto:dilan.roe@acgov.org))  
Paresh Khatri, ACDEH; (Sent via electronic mail to: [paresh.khatri@acgov.org](mailto:paresh.khatri@acgov.org))  
Mark Detterman, ACDEH, (Sent via electronic mail to: [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org))  
Electronic File; GeoTracker



## Attachment 1

### Responsible Party(ies) Legal Requirements / Obligations

#### REPORT REQUESTS

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

#### ELECTRONIC SUBMITTAL OF REPORTS

Alameda County Department of Environmental Health's (ACDEH) Environmental Cleanup Oversight Programs, Local Oversight Program (LOP) and Site Cleanup Program (SCP) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program File Transfer Protocol (FTP) site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) GeoTracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and [other](#) data to the GeoTracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to SCP sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). Please visit the SWRCB website ([http://www.waterboards.ca.gov/water\\_issues/programs/ust/electronic\\_submittal/](http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/)) for more information on these requirements.

#### ACKNOWLEDGEMENT STATEMENT

All work plans, technical reports, or technical documents submitted to ACDEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I have read and acknowledge the content, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to ACDEH's FTP server and the SWRCB's GeoTracker website." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

#### PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6731, 6735, and 7835) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately licensed or certified professional. For your submittal to be considered a valid technical report, you are to present site-specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this case meet this requirement. Additional information is available on the Board of Professional Engineers, Land Surveyors, and Geologists website at: <http://www.bpelsg.ca.gov/laws/index.shtml>.

#### UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, late reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

#### AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.



<b>Alameda County Environmental Cleanup Oversight Programs (LOP and SCP)</b>	<b>REVISION DATE:</b> December 1, 2016
	<b>ISSUE DATE:</b> July 5, 2005
	<b>PREVIOUS REVISIONS:</b> October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010, July 25, 2010; May 15, 2014, November 29, 2016
<b>SECTION:</b> Miscellaneous Administrative Topics & Procedures	<b>SUBJECT:</b> Electronic Report Upload (ftp) Instructions


The Alameda County Environmental Cleanup Oversight Programs (LOP and SCP) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

## REQUIREMENTS

- Please **do not** submit reports as attachments to electronic mail.
- Entire report including cover letter must be submitted to the ftp site as a **single portable document format (PDF) with no password protection**.
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- **Signature pages and perjury statements must be included and have either original or electronic signature.**
- **Do not password protect the document.** Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:

RO#\_Report Name\_Year-Month-Date (e.g., RO#5555\_WorkPlan\_2005-06-14)

## Submission Instructions

- 1) Obtain User Name and Password
  - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
    - i) Send an e-mail to [deh.loptoxic@acgov.org](mailto:deh.loptoxic@acgov.org).
  - b) In the subject line of your request, be sure to include "**ftp PASSWORD REQUEST**" and in the body of your request, include the **Contact Information, Site Addresses**, and the **Case Numbers (RO# available in Geotracker) you will be posting for**.
- 2) Upload Files to the ftp Site
  - a) Open File Explorer using the Windows  key + E keyboard shortcut.
    - i) Note: Netscape, Safari, and Firefox browsers will not open the FTP site as they are NOT being supported at this time.
  - b) On the address bar, type in ftp://alcoftp1.acgov.org.
  - c) Enter your User Name and Password. (Note: Both are Case Sensitive)
  - d) Click Log On.
  - e) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
  - f) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
  - a) Send email to [deh.loptoxic@acgov.org](mailto:deh.loptoxic@acgov.org) notify us that you have placed a report on our ftp site.
  - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
  - c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO#, use the street address instead.
  - d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.