



Antea USA, Inc.
505 14th Street, Suite 923
Oakland, California 94612
www.anteagroup.com

July 8, 2014

Eileen Chen
Groundwater Resources Scientist
Alameda County Water District
43885 South Grimmer Boulevard
Fremont, CA 94538
(510) 668-4473

Subject: **Work Plan for Additional Phase II Soil Sampling Activities**
6800 Overlake Place
Newark, California 94560
Antea Group Project No. PUBL07143

Dear Ms. Chen:

Antea®Group presents the work plan contained herein to conduct additional Phase II soil sampling at the vacant parcel identified located at 6800 Overlake Place in Newark, California (site; **Figure 1**).

SCOPE OF WORK

Antea Group will conduct this soil sampling event to evaluate the subsurface conditions at the site, including analytical testing of soils. Antea Group proposes to advance 6 soil borings (B-14 through B-19) along the landscaped perimeter of the site (**Figure 2**).

TASK 1: PRE-FIELD ACTIVITIES & PERMITTING

This task includes procurement of a drilling subcontractor to perform the field tasks outlined in Task 2, coordination with the analytical laboratory, permitting agency(s), and communications with site contact(s) and the client.

Antea Group will utilize our existing Health and Safety Plan (HASP) for the site which identifies the anticipated safety and health risks associated with the field work. We will also review the drilling subcontractor Job Safety Analyses (JSAs) for the tasks to be performed. The HASP will include emergency response information, protective equipment requirements and other relevant safety information and procedures to be observed while on-site. Field staff will review and sign off on the HASP prior to conducting intrusive field work on site.

It is assumed there will be buried utilities on the site, therefore Antea Group will contact Underground Service Alert (USA) and contract a private utility locator at least 72 hours prior to the initiation of field activities to identify subsurface private utilities or subsurface in the vicinity of the proposed borings.



TASK 2: FIELD SCREENING, SAMPLING AND LABORATORY ANALYSES

Soil Sample Collection

Antea Group will contract a C-57 licensed driller to advance each soil boring using a hand auger or direct push drill rig. Antea Group's subcontractor will advance six (6) soil borings to depths up to approximately 5 to 7 feet bgs. During boring advancement, Antea Group will collect soil samples for lithologic logging. An Antea Group geologist will log the lithology in accordance with the Unified Soil Classification System and will screen the soil samples for volatile organic vapors at approximately 1 foot intervals using a calibrated photoionization detector (PID). We will record PID readings on the respective boring logs.

The soil sample collection intervals will target fill soils in the mounded landscaped areas along the site perimeter, the interval found to contain slag from the surrounding areas at 0 to 2 feet, and the native soils located below the import fill. Additional soil samples may be collected if necessary based on field observations (i.e. slag, soil staining, odors, etc.). Antea Group will collect three soil samples from each soil boring at depths of approximately 1 foot (shallow), 3 feet (mid-point), and 5 feet (deeper) from each boring location. The shallow and mid-point soil samples will be submitted to the analytical laboratory for metals analyses. The 5 foot soil samples will be kept on-hold and only analyzed if necessary after receipt of the mid-point samples to define the vertical extent of metals detected in the shallower samples. The borings will be grouted with neat cement per Alameda County Water District (ACWD) standards upon completion of drilling and sampling activities. Attached is a copy of Antea Group's Standard Operating Procedures for hand augering, sample collection and decontamination of equipment.

Laboratory Analyses

Antea Group will label the soil samples retained for laboratory analysis with a unique sample name and place the sample in an ice-cooled chest following chain-of-custody documentation. Antea Group will submit the soil samples to a California Department of Public Health (CDPH) and National Environmental Laboratory Accreditation Program (NELAP) certified laboratory for the following analyses:

- CAM 17 Metals - Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc by Environmental Protection Agency (EPA) test Method 6010

The licensed driller will place soil cuttings and decontamination wastewater generated during investigation activities into Department of Transportation (DOT) approved 55-gallon drums, and seal, and label them in accordance with DOT protocols for non-hazardous waste. The drums will be stored on-site for Antea Group's waste management contractor to transport and dispose of the investigation-derived waste at an appropriate facility.

Please contact either of the undersigned if you have any questions.

Sincerely,



Nicole Persaud
Project Manager
Antea Group
407-758-3428
nicole.persaud@anteagroup.com



Andy Lojo, PG
Senior Consultant
Antea Group
510-588-8524
andy.lojo@anteagroup.com

Enclosures:

Figure 1 – Site Location Map

Figure 2 – Subject Property Layout with Proposed Soil Sampling Locations

Antea Group's Standard Operating Procedures

Copy of Application for Drilling Permit

Site Hazard Information Form with Analytical Data

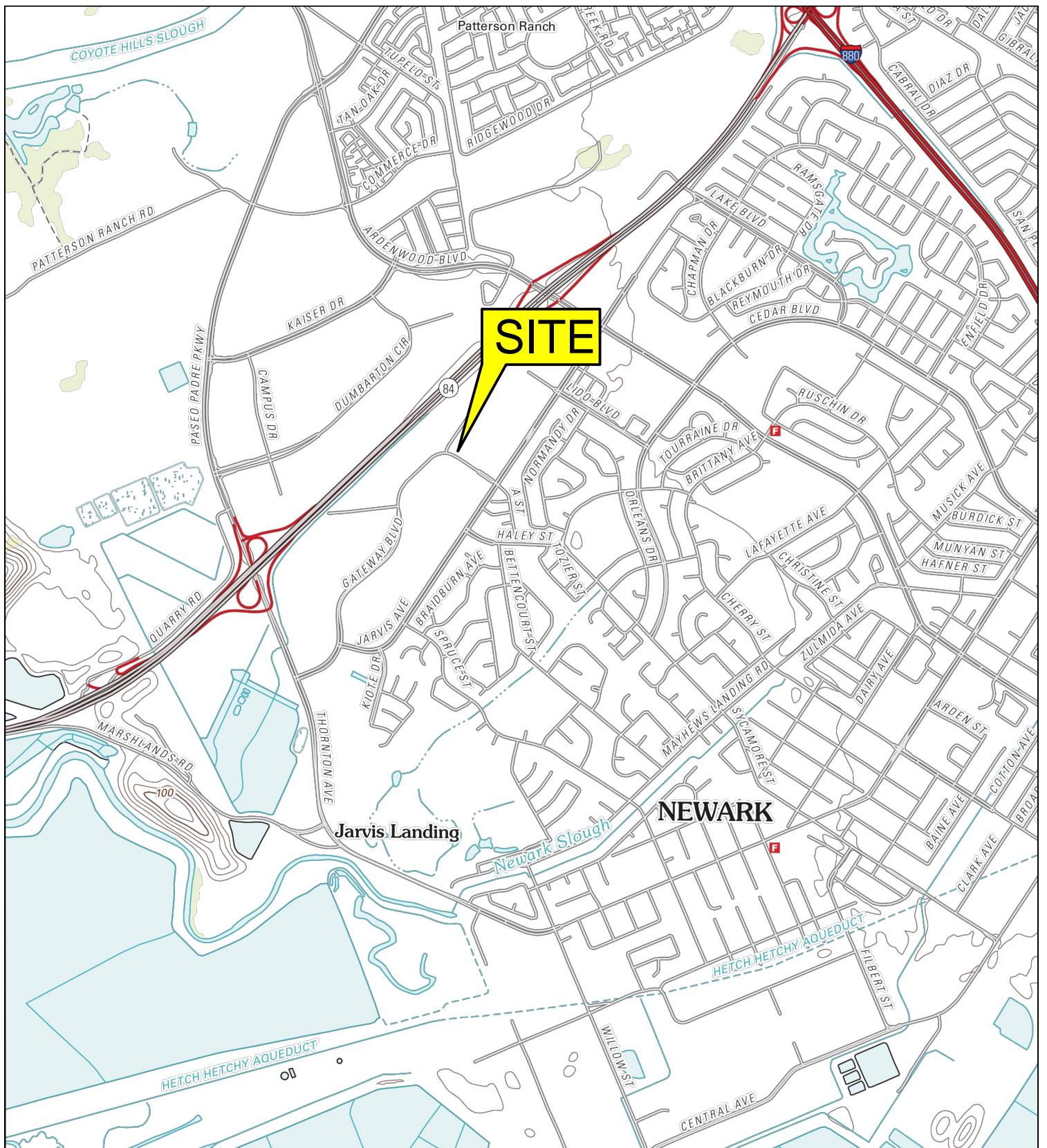
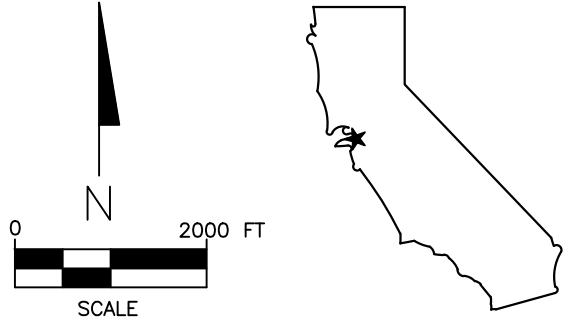


FIGURE 1
SITE LOCATION MAP

PUBLIC STORAGE #CA13186
6800 OVERLAKE PLACE
NEWARK, CALIFORNIA

USGS 7.5 MINUTE TOPOGRAPHIC MAP, NEWARK QUADRANGLE (2012)

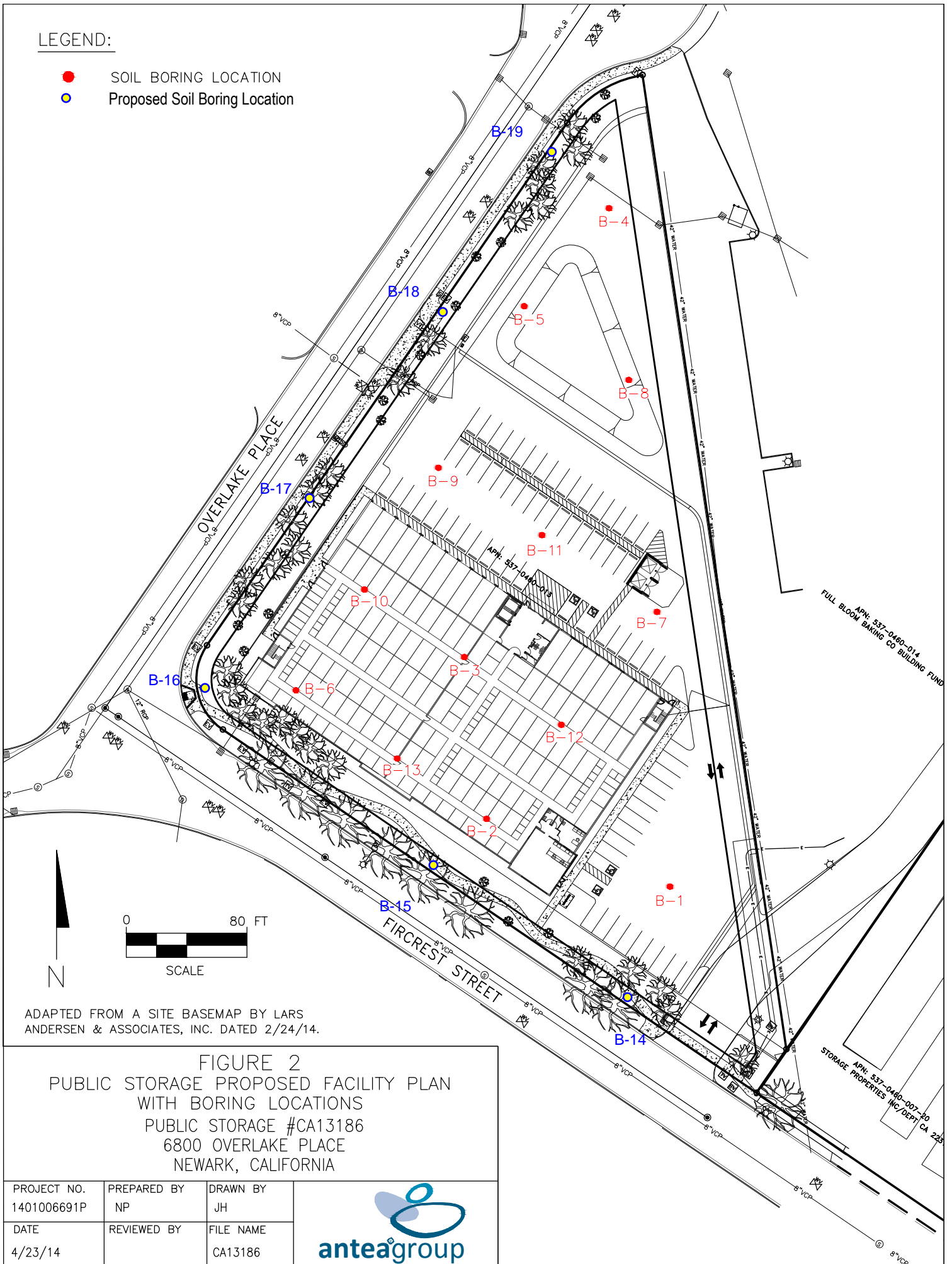


PROJECT NO. 1401006691P	PREPARED BY NP	DRAWN BY JH
DATE 4/23/14	REVIEWED BY	FILE NAME CA13186



LEGEND:

- SOIL BORING LOCATION
- Proposed Soil Boring Location



ADAPTED FROM A SITE BASEMAP BY LARS ANDERSEN & ASSOCIATES, INC. DATED 2/24/14.

FIGURE 2
 PUBLIC STORAGE PROPOSED FACILITY PLAN
 WITH BORING LOCATIONS
 PUBLIC STORAGE #CA13186
 6800 OVERLAKE PLACE
 NEWARK, CALIFORNIA

PROJECT NO. 1401006691P	PREPARED BY NP	DRAWN BY JH
DATE 4/23/14	REVIEWED BY	FILE NAME CA13186





STANDARD OPERATING PROCEDURES

Utility Locating

Prior to drilling, boring and excavation locations are marked with white paint or other distinct marking and cleared for underground utilities through Underground Service Alert (USA). In addition, Antea Group will contract an independent locator services to clear boring or excavation locations of subsurface assets. The first five feet (or more in instances where utilities are suspected in close proximity) of each borehole are air-knifed, or carefully advanced with a hand auger if shallow soil samples are necessary, to help evaluate the borehole location for underground structures or utilities in accordance with Antea Group's subsurface hazard avoidance policy.

Subsurface Investigation Methods – GeoProbe®, Sampling, Borehole Completion and Equipment Decontamination

Borehole Advancement using Single-Wall GeoProbe®

Pre-cleaned push rods (typically one to two inches in diameter) are advanced using a hydraulic direct push-type rig for the purpose of collecting samples and evaluating subsurface conditions. The sample barrel located at the leading end of the drill rod serves as a soil sampler, and an acetate liner is inserted into the sample barrel rod prior to advancement of the push rod. Once the sample is collected, the rods and sampler are retracted and the acetate sample tubes are removed from the sampler. The sample barrel is then cleaned, filled with clean sample tubes, inserted into the borehole and advanced to the next sampling point where the sample collection process is repeated.

Undisturbed soil samples selected for laboratory analysis are cut away from the acetate sample liner using a hacksaw, or equivalent tool, in sections approximately 6 inches in length. The 6 inch samples are lined at each end with Teflon® sheets and capped with plastic caps. Labels documenting project number, borehole identification, collection date, and depth are affixed to each sample. The samples are then placed into an ice-filled cooler for delivery under chain-of-custody to a laboratory certified by the State of California for analysis. The remaining collected soil that has not been selected for laboratory analysis is logged using the United Soil Classification System (USCS) under the direction of a State Registered Professional Geologist, and is field screened for organic vapors using a photo ionization detector (PID), or an equivalent tool.

Borehole Completion

Upon completion of drilling and sampling, the inner casing rods are retracted. Neat cement grout, mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement, is introduced via a tremie pipe to displace standing water in the borehole, through the annulus of the outer casing rods. The outer rods are retracted as the grout is introduced to bottom of the boring to prevent the cross contamination of encountered water bearing zones. Displaced groundwater is collected at the surface and placed into DOT approved 55-gallon steel drums, or an equivalent storage container. In areas where the borehole penetrates asphalt or concrete, the borehole is capped with an equivalent thickness of asphalt or concrete patch to match finished grade.

Equipment Decontamination

Equipment that could potentially come in contact subsurface media and compromise the integrity of the samples is carefully decontaminated prior to drilling and sampling. Drilling auger and other large pieces of equipment are



decontaminated using high pressure hot water spray. Soil and groundwater sampling apparatus, groundwater pumps, liners and other equipment are decontaminated in a detergent scrub solution and double rinsed in clean tap water rinse followed by a final distilled water rinse.

The rinsate and other wastewater are contained in 55-gallon DOT-approved drums, labeled (to identify the contents, generation date and project) and stored on-site pending waste profiling and disposal.

Waste Handling and Disposal (*Soil Cuttings and Rinsate/Purge Water*)

Soil cuttings and rinsate/purge water generated during drilling and sampling are stored on-site in DOT-approved 55-gallon steel drums pending characterization. A label is affixed to the drums indicating the contents of the drum, suspected contaminants, date of generation, and the boring number from which the waste is generated. The drums are removed from the site by a licensed waste disposal contractor to an appropriate facility for treatment/recycling.

APPLICATION FOR DRILLING PERMIT

Application Received _____ Permit Issued _____ Permit Expiration _____ Job No. _____ Permit No. _____
 Date: _____ By: _____ Date: _____ Date: _____ Well No. _____

JOB ADDRESS:
6800 Overlake Place, Newark CA

When properly signed
**THIS APPLICATION
IS A VALID PERMIT**

to perform only work described below at the given job address, in accordance with ACWD Ordinance No. 2010-01 and all other applicable laws and regulations. Discontinuation of work may result in revocation of permit. Permittee must schedule the work in advance with ACWD. ACWD's approval of drawings, designs, specifications, work plans, reports or incidental work and materials shall not relieve the permittee of responsibility for the technical adequacy of the work. Except for special circumstances, all work to be inspected must be performed within ACWD work hours – 7:00 a.m. to 4:30 p.m., Monday through Friday.

PROPERTY OWNER
 NAME: Nancy Mueller
 ADDRESS: 2110 Waverly Street
Palo Alto, CA 94301
 TELEPHONE: (650) 804-5345

CONSULTING ENGINEER
 NAME: Antea Group (Andy Lojo)
 ADDRESS: 1155 N. First Street, Suite 201
San Jose, CA 95112
 TELEPHONE: 407-758-3428 RG/CEG/RCE NO. 6034

DRILLING CONTRACTOR
 NAME: Woodward Drilling
 ADDRESS: 550 River Road / P O Box 336
Rio Vista, CA 94571
 E-MAIL ADDRESS: ryan@woodwarddrilling.com
 TELEPHONE: (707) 374-4300 STATE LIC. NO. C-57 710079

PLEASE CHECK TYPE OF PROPOSED WORK
*Each well or other excavation requires a separate permit application form unless otherwise indicated.
 Only one specific type of work can be checked per permit application.*

WELLS	EXPLORATORY HOLES	OTHER EXCAVATIONS
<input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> REPAIR <input type="checkbox"/> DESTRUCTION <input type="checkbox"/> Water Well Monitoring Well: <input type="checkbox"/> Chemical Investigation <input type="checkbox"/> Injection Well (for Chemical Cleanup) <input type="checkbox"/> Geotechnical Investigation <input type="checkbox"/> Geothermal Heat Exchange Well <hr/> <input type="checkbox"/> Dewatering Well (<i>Multiple dewatering wells may be grouped together on the same permit application form</i>) Quantity: _____	<input checked="" type="checkbox"/> CONSTRUCT./DESTRUCT. <i>Multiple exploratory holes of the same type may be grouped together on the same permit application form.</i> <input checked="" type="checkbox"/> Chemical Investigation <input type="checkbox"/> Injection Boreholes <input type="checkbox"/> Soil Vapor Sampling <input type="checkbox"/> Geotechnical Investigation Quantity: <u>6</u>	<input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> REPAIR <input type="checkbox"/> DESTRUCTION <input type="checkbox"/> Cathodic Protection Well <input type="checkbox"/> Inclinator <input type="checkbox"/> Vibrating Wire Piezometer <input type="checkbox"/> Elevator Shaft <hr/> <i>Multiple other excavations of the same type may be grouped together on the same permit application form for the following:</i> <input type="checkbox"/> Cleanup Site Excavation(s) <input type="checkbox"/> Wick Drains <input type="checkbox"/> Shaft, Tunnel, or Directional Borehole (s) <input type="checkbox"/> Support Piers, Piles, or Caissons <input type="checkbox"/> Other: _____ Quantity: _____

DESCRIPTION OF PROPOSED WORK:
Advancement of 6 exploratory soil borings to total depth of 5' bgs for environmental investigation, See emailed workplan.

TOTAL ESTIMATED COST
\$ 570

PERMIT CONDITIONS:

FEES: <input type="checkbox"/> Private <input type="checkbox"/> City <input type="checkbox"/> Governmental Agency GUARANTEE OF PERFORMANCE: <input type="checkbox"/> Cash Deposit <input type="checkbox"/> Bond REFUND: Amount \$ _____ Reason: _____	FEES/DEPOSIT: Date Received _____ Estimated Amount \$ _____ Check No. _____ Actual Amount \$ _____ Cash _____ Difference \$ _____
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ACWD SITE NO. _____
 APPROVED FOR SCHEDULING BY: _____ DATE: _____ APPROVED BY: _____ DATE: _____

I hereby agree to comply with all conditions of this permit in accordance with ACWD Ordinance No. 2010-01 and to furnish the District a completed copy of D.W.R. Drillers Report (form 188) within sixty (60) days after completion as well as any chemical testing results within thirty (30) days after completion.

Title: Senior Consultant Signature: Andy Lojo Date: 7/7/14
 Representing: Antea Group Name (printed): Andy Lojo



43885 South Grimmer Blvd., P.O. Box 5110, Fremont, CA 94537 Tel. No. (510) 668-4460 Fax No. (510) 651-1760

SITE HAZARD INFORMATION

Please provide the following information for the site

Owner's Name: Nancy Mueller (Santa Rita Investment)

Site Address: 6800 Overlake Place
Newark, CA 94560

Consultant on Site: Antea Group Phone No. (408) 606-4914

Site Safety Officer: Steve Morden Phone No. (408) 384-2469

Type of Facility: vacant lot

Anticipated Hazardous Substances - (Attach Additional Sheets if Necessary)

(Please include concentrations below. Note if free product historically on site)

Name	Expected Concentrations (ppm)	PEL (ppm)	Health Effects
<input type="checkbox"/> Gasoline	(List medium – i.e. soil, water, air)	see attached	
<input type="checkbox"/> Diesel	soil only	data	
<input type="checkbox"/> Waste Oil			
<u>Metals</u>			

District Use Only

 Checked Against Reported Contaminants

Site Safety Meeting Date: 07/16/14 Time: 08:00

Level of Personal Protection Equipment A B C D

Personal Protective Equipment:
 R = Required A = As Needed, with description of action concentrations)

- | | | | | | |
|---------------------------------------|---------------------------------------|---------------------|---------------------------------------|----------------------------|-------------------------------|
| <input checked="" type="checkbox"/> R | <input type="checkbox"/> A | Hard Hat | <input type="checkbox"/> R | <input type="checkbox"/> A | Clothing (Type): _____ |
| <input checked="" type="checkbox"/> R | <input type="checkbox"/> A | Safety Shoes | <input type="checkbox"/> R | <input type="checkbox"/> A | Respirator (Type): _____ |
| <input checked="" type="checkbox"/> R | <input type="checkbox"/> A | Orange Traffic Vest | <input type="checkbox"/> R | <input type="checkbox"/> A | Cartridge (Type): _____ |
| <input type="checkbox"/> R | <input checked="" type="checkbox"/> A | Hearing Protection | <input checked="" type="checkbox"/> R | <input type="checkbox"/> A | Gloves (Type): <u>nitrile</u> |
| <input checked="" type="checkbox"/> R | <input type="checkbox"/> A | Safety Eyewear | <input type="checkbox"/> R | <input type="checkbox"/> A | Other: _____ |

Site Hazard Information Provided By: Nicole Persaud Phone: (407) 748-3428

 Print

Antea Group, Project Manager _____ Date: 07/08/14

 Company name & title Signature



Report Number : 87896

Date : 04/09/14

Analysis Summary

Attention : Nicole Persaud
 Antea Group
 1155 North 1st Street, Suite 201
 San Jose, CA 95112

Project Name :PS Newark Phase II

Project Number : PUBLO7143

Sample Name			B-1d1.0		B-1d3.0		B-2d1.0		B-2d3.0		B-3d1.5		B-3d3.0		B-4d1.0	
Sample Date			04/01/14		04/01/14		04/01/14		04/01/14		04/02/14		04/02/14		04/02/14	
Analyte	Method	Units	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Antimony	EPA 6010B	mg/Kg	0.75	ND	0.75	ND	0.75	ND	0.75	ND	0.75	0.98	0.75	ND	0.75	ND
Arsenic	EPA 6010B	mg/Kg	0.75	7.8	0.75	7.6	0.75	7.2	0.75	7.8	0.75	11	0.75	8.0	3.7	9.5
Barium	EPA 6010B	mg/Kg	0.50	350	0.50	220	0.50	220	0.50	230	0.50	260	0.50	200	0.50	430
Beryllium	EPA 6010B	mg/Kg	0.25	0.47	0.25	0.52	0.25	0.35	0.25	0.49	0.25	0.37	0.25	0.54	0.25	0.33
Cadmium	EPA 6010B	mg/Kg	0.50	6.7	0.50	ND	0.50	3.8	0.50	2.3	0.50	6.5	0.50	ND	0.50	8.3
Chromium	EPA 6010B	mg/Kg	0.25	780	0.25	85	0.25	400	0.25	190	0.25	490	0.25	83	0.25	1100
Cobalt	EPA 6010B	mg/Kg	0.25	11	0.25	14	0.25	9.9	0.25	14	0.25	12	0.25	13	0.25	7.2
Copper	EPA 6010B	mg/Kg	0.50	130	0.50	29	0.50	120	0.50	70	0.50	260	0.50	30	0.50	210
Lead	EPA 6010B	mg/Kg	1.0	510	0.50	10	0.50	300	0.50	150	0.50	420	0.50	10	2.4	700
Mercury	EPA 7471A	mg/Kg	0.050	0.080	0.050	ND	0.050	0.052	0.050	ND	0.050	0.074	0.050	ND	0.050	0.062
Molybdenum	EPA 6010B	mg/Kg	0.25	13	0.25	1.2	0.25	5.8	0.25	2.9	0.25	12	0.25	0.40	0.25	17
Nickel	EPA 6010B	mg/Kg	0.25	110	0.25	93	0.25	63	0.25	85	0.25	100	0.25	90	0.25	70
Selenium	EPA 6010B	mg/Kg	0.75	ND	0.75	ND	0.75	ND	0.75	ND	0.75	ND	0.75	ND	0.75	ND
Silver	EPA 6010B	mg/Kg	0.25	1.1	0.25	ND	0.25	0.63	0.25	0.40	0.25	0.96	0.25	ND	1.2	ND
Thallium	EPA 6010B	mg/Kg	0.75	ND	0.75	ND	0.75	ND	0.75	ND	0.75	ND	0.75	ND	3.7	ND
Vanadium	EPA 6010B	mg/Kg	0.25	64	0.25	46	0.25	52	0.25	52	0.25	56	0.25	47	1.2	65
Zinc	EPA 6010B	mg/Kg	100	4800	1.0	75	99	1800	99	1100	98	3200	1.0	73	98	4600

MRL = Method Reporting Limit

ND = Not Detected



Analysis Summary

Report Number : 87896

Date : 04/09/14

Attention : Nicole Persaud
 Antea Group
 1155 North 1st Street, Suite 201
 San Jose, CA 95112

Project Name :PS Newark Phase II

Project Number : PUBLO7143

Sample Name			B-4d3.0		B-5d1.0		B-5d3.0		B-6d1.0		B-6d3.0		B-7d1.0		B-7d3.0	
Sample Date			04/02/14		04/02/14		04/02/14		04/02/14		04/02/14		04/02/14		04/02/14	
Analyte	Method	Units	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Antimony	EPA 6010B	mg/Kg	0.75	ND	0.75	ND	0.75	ND	0.75	ND	0.75	ND	0.75	ND	0.75	ND
Arsenic	EPA 6010B	mg/Kg	0.75	7.2	3.8	9.8	0.75	8.0	0.75	20	0.75	8.3	1.5	12	0.75	8.2
Barium	EPA 6010B	mg/Kg	0.50	470	0.50	510	0.50	350	0.50	350	0.50	270	0.50	400	0.50	250
Beryllium	EPA 6010B	mg/Kg	0.25	0.49	0.25	0.37	0.25	0.54	0.25	0.51	0.25	0.56	0.25	0.53	0.25	0.57
Cadmium	EPA 6010B	mg/Kg	0.50	3.2	0.50	19	0.50	ND	0.50	5.0	0.50	ND	0.50	12	0.50	ND
Chromium	EPA 6010B	mg/Kg	0.25	380	0.25	1300	0.25	88	0.25	290	0.25	92	0.25	630	0.25	89
Cobalt	EPA 6010B	mg/Kg	0.25	11	0.25	6.0	0.25	13	0.25	6.4	0.25	14	0.25	9.9	0.25	15
Copper	EPA 6010B	mg/Kg	0.50	110	0.50	260	0.50	30	0.50	71	0.50	32	0.98	230	0.50	33
Lead	EPA 6010B	mg/Kg	0.50	250	2.5	1400	0.50	11	0.50	340	0.50	12	0.98	750	0.50	13
Mercury	EPA 7471A	mg/Kg	0.050	0.068	0.050	0.094	0.050	ND	0.050	0.084	0.050	ND	0.050	0.14	0.050	ND
Molybdenum	EPA 6010B	mg/Kg	0.25	4.8	0.25	23	0.25	0.64	0.25	7.0	0.25	0.56	0.25	7.8	0.25	1.0
Nickel	EPA 6010B	mg/Kg	0.25	77	0.25	66	0.25	91	0.25	44	0.25	93	0.25	73	0.25	97
Selenium	EPA 6010B	mg/Kg	0.75	ND	3.8	ND	0.75	ND	0.75	0.86	0.75	ND	0.75	ND	0.75	ND
Silver	EPA 6010B	mg/Kg	0.25	0.55	1.2	1.8	0.25	ND	0.25	0.68	0.25	ND	0.49	1.5	0.25	ND
Thallium	EPA 6010B	mg/Kg	0.75	ND	3.8	ND	0.75	ND	0.75	ND	0.75	ND	1.5	ND	0.75	ND
Vanadium	EPA 6010B	mg/Kg	0.25	55	1.2	69	0.25	48	0.25	50	0.25	49	0.49	65	0.25	50
Zinc	EPA 6010B	mg/Kg	96	1400	100	8100	1.0	77	100	2100	1.0	82	98	5200	1.0	87

MRL = Method Reporting Limit

ND = Not Detected



Report Number : 87896

Date : 04/09/14

Analysis Summary

Attention : Nicole Persaud
 Antea Group
 1155 North 1st Street, Suite 201
 San Jose, CA 95112

Project Name :PS Newark Phase II

Project Number : PUBLO7143

Sample Name			B-8d1.5		B-8d3.0		B-9d1.5		B-9d3.0		B-10d1.0		B-10d3.0		B-11d1.0	
Sample Date			04/02/14		04/02/14		04/02/14		04/02/14		04/02/14		04/02/14		04/02/14	
Analyte	Method	Units	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Antimony	EPA 6010B	mg/Kg	0.75	ND	0.75	ND	0.75	ND	0.75	ND	3.8	ND	0.75	ND	0.75	ND
Arsenic	EPA 6010B	mg/Kg	0.75	5.4	0.75	8.0	0.75	8.1	0.75	8.0	3.8	8.4	0.75	7.6	3.6	8.3
Barium	EPA 6010B	mg/Kg	0.50	170	0.50	260	0.50	240	0.50	220	0.50	500	0.50	230	0.50	440
Beryllium	EPA 6010B	mg/Kg	0.25	0.54	0.25	0.54	0.25	0.55	0.25	0.57	0.25	1.7	0.25	0.52	0.25	0.43
Cadmium	EPA 6010B	mg/Kg	0.50	ND	0.50	ND	0.50	2.0	0.50	ND	0.50	9.9	0.50	ND	0.50	9.8
Chromium	EPA 6010B	mg/Kg	0.25	88	0.25	91	0.25	220	0.25	88	0.25	2200	0.25	110	0.25	1200
Cobalt	EPA 6010B	mg/Kg	0.25	14	0.25	12	0.25	14	0.25	15	0.25	3.9	0.25	12	0.25	8.1
Copper	EPA 6010B	mg/Kg	0.50	34	0.50	31	0.50	53	0.50	32	2.5	340	0.50	33	0.50	230
Lead	EPA 6010B	mg/Kg	0.50	22	0.50	14	0.50	160	0.50	17	2.5	640	0.50	39	2.4	680
Mercury	EPA 7471A	mg/Kg	0.050	ND	0.050	ND	0.050	ND	0.050	0.074	0.050	0.20	0.050	ND	0.050	ND
Molybdenum	EPA 6010B	mg/Kg	0.25	0.44	0.25	0.40	0.25	1.8	0.25	0.46	0.25	37	0.25	0.87	0.25	14
Nickel	EPA 6010B	mg/Kg	0.25	82	0.25	92	0.25	88	0.25	95	0.25	50	0.25	87	0.25	68
Selenium	EPA 6010B	mg/Kg	0.75	ND	0.75	ND	0.75	ND	0.75	ND	0.75	ND	0.75	ND	0.75	ND
Silver	EPA 6010B	mg/Kg	0.25	ND	0.25	ND	0.25	0.30	0.25	ND	1.2	1.6	0.25	ND	1.2	ND
Thallium	EPA 6010B	mg/Kg	0.75	ND	0.75	ND	0.75	ND	0.75	ND	3.8	ND	0.75	ND	3.6	ND
Vanadium	EPA 6010B	mg/Kg	0.25	49	0.25	49	0.25	53	0.25	49	1.2	84	0.25	46	1.2	61
Zinc	EPA 6010B	mg/Kg	1.0	120	1.0	110	100	1200	1.0	130	100	5600	1.0	200	97	4100

MRL = Method Reporting Limit

ND = Not Detected

Analysis Summary

Report Number : 87896

Date : 04/09/14

Attention : Nicole Persaud
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Project Name :PS Newark Phase II

Project Number : PUBLO7143

Sample Name			B-11d3.0		B-12d1.0		B-12d3.0		B-13d1.0		B-13d3.0	
Sample Date			04/02/14		04/02/14		04/02/14		04/02/14		04/02/14	
Analyte	Method	Units	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Antimony	EPA 6010B	mg/Kg	0.75	1.2	0.75	ND	0.75	ND	1.5	ND	0.75	ND
Arsenic	EPA 6010B	mg/Kg	0.75	7.4	0.75	8.3	0.75	7.7	1.5	13	0.75	8.0
Barium	EPA 6010B	mg/Kg	0.50	220	0.50	260	0.50	210	0.50	370	0.50	160
Beryllium	EPA 6010B	mg/Kg	0.25	0.47	0.25	0.53	0.25	0.48	0.25	0.40	0.25	0.53
Cadmium	EPA 6010B	mg/Kg	0.50	ND	0.50	4.9	0.50	ND	0.50	20	0.50	ND
Chromium	EPA 6010B	mg/Kg	0.25	83	0.25	510	0.25	85	0.25	730	0.25	82
Cobalt	EPA 6010B	mg/Kg	0.25	13	0.25	9.8	0.25	13	0.25	7.7	0.25	15
Copper	EPA 6010B	mg/Kg	0.50	23	0.50	110	0.50	33	0.50	310	0.50	32
Lead	EPA 6010B	mg/Kg	0.50	14	0.50	470	0.50	27	1.0	1300	0.50	8.8
Mercury	EPA 7471A	mg/Kg	0.050	ND	0.050	0.11	0.050	ND	0.050	0.32	0.050	ND
Molybdenum	EPA 6010B	mg/Kg	0.25	0.61	0.25	14	0.25	0.87	0.25	19	0.25	0.82
Nickel	EPA 6010B	mg/Kg	0.25	89	0.25	72	0.25	91	0.25	79	0.25	98
Selenium	EPA 6010B	mg/Kg	0.75	ND	0.75	ND	0.75	ND	1.5	ND	0.75	ND
Silver	EPA 6010B	mg/Kg	0.25	ND	0.25	0.69	0.25	ND	0.50	2.9	0.25	ND
Thallium	EPA 6010B	mg/Kg	0.75	ND	0.75	ND	0.75	ND	1.5	ND	0.75	ND
Vanadium	EPA 6010B	mg/Kg	0.25	42	0.25	60	0.25	43	0.50	67	0.25	45
Zinc	EPA 6010B	mg/Kg	1.0	95	96	2500	1.0	180	100	9600	1.0	60

MRL = Method Reporting Limit

ND = Not Detected