GRIBI
ASSOCIATES

June 11, 2007 GA Project No. 317-01-01

Alameda County Department of
Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Attention: Barney Chan

Subject: Report of Additional Soil and Water Investigation Activities
Former Coast Sausage UST Site
1173 28th Street, Oakland, California

Ladies and Gentlemen:

Gribi Associates is pleased to submit this report on behalf of Rush Property Group for the former Coast Sausage underground storage tank (UST) site located at 1173 28th Street in Oakland, California (see Figure 1 and Figure 2). This report documents the drilling and sampling of five soil borings (GA-12 through GA-16) at the site on April 16, 2007. The primary goal of this investigation was to assess possible offsite sources for the halogenated volatile organic compound (HVOC) groundwater impacts previously identified on the southeast corner of the project site. Ultimately, Rush Property Group wishes to obtain regulatory site closure in order proceed with the planned Coast Lofts live/work residential redevelopment of the site.

BACKGROUND

The site is located in a mixed commercial and residential area of west Oakland. Soils in the immediate site area generally consist of clays, with occasional thin interbedded silts and sands. Groundwater is encountered at a depth of about 8 feet below surface grade.

The site currently includes a fire-damaged remnant portion of the former Coast Sausage building on the east side, the concrete slab for the demolished portion of the former site building on the northwest side, and a concrete and asphalt paved former parking area on the southwest side of the site. The planned site development, Coast Lofts, will include approximately 60 live/work condominiums and townhouses set on grade, with ground floor parking and minimal landscaping elements (see Figure 3).

In July 2006, Gribi Associates completed a Phase II ESA that consisted of drilling and sampling eleven soil borings (GA-1 through GA-11), and the collection and analysis of eight shallow soil gas samples (SG-1 through SG-8) at the site (see Figure 3 and Figure 4). Soil and groundwater laboratory results indicated that the groundwater c-1,2-DCE and TCE detections in previous Treadwell & Rollo boring B-2, located on the southeast corner of the site, may have originated

from an unidentified upgradient (east-southeast) offsite source. The groundwater sample from boring GA-2, located in Adeline Street approximately 15 feet southeast from the project site building, showed respective c-1,2-DCE, TCE, and Vinyl Chloride (VC) concentrations of 3,100 ug/l, 170 ug/l, and 130 ug/l. Also, a soil sample collected at 23.5 feet in depth in boring GA-2 showed 0.069 mg/kg of c-1,2-DCE. The groundwater sample from previous Treadwell & Rollo boring B-2, which was still accessible and was purged of approximately 3 gallons of water prior to sampling, showed respective c-1,2-DCE, TCE, and VC concentrations of only 370 ug/l, 7.9 ug/l, and 4.6 ug/l.

Based on these results, Alameda County Department of Environmental Health issued a letter on December 14, 2006 requesting a detailed Phase I and Phase II investigation to assess possible offsite sources for the HVOC groundwater impacts on the site. On March 12, 2007, Gribi Associates submitted *Report of Phase I Activities and Workplan Addendum* reporting Phase I results and providing a workplan to conduct additional soil and groundwater sampling along Adeline Street. The Phase I activities identified three possible historical sources for the chlorinated solvents (HVOC) groundwater impacts on the extreme southeast side of the project site: (1) The former East Bay Sanitary Rag Works, which occupied the property at 2601 Adeline Street, approximately 100 feet south from the project site, from about 1959 to 1986; (2) A machine shop formerly located immediately south from the project site; or (3) The former Aerovoe Pacific site, located approximately 500 feet south from the project site at 2528 Adeline Street, which may have included the manufacturing of paints, specialty coatings, cleaners, and lubricants. Based on these results, the report included a workplan addendum proposing the drilling and sampling of five soil borings in Adeline Street to assess possible offsite HVOC sources.

DESCRIPTION OF INVESTIGATIVE ACTIVITIES

In order to further assess HVOC groundwater impacts observed at previous boring GA-2 and B-2, Gribi Associates drilled and sampled five soil borings in the Adeline Street parking lane on Monday, April 16, 2007. All activities were conducted in accordance with applicable local, State, and Federal guidelines and statutes.

Prefield Activities

Prior to conducting drilling activities, written approval was obtained from the Alameda County Department of Environmental Health. Also, a soil boring installation permit was obtained from and 72-hour notification was given to the Alameda County Public Works Agency. In addition, an excavation permit was obtained from the City of Oakland allowing the drilling of soil borings in the Adeline Street parking lane. Copies of these permits are provided as Attachment A. Also, proposed boring locations were marked with white paint, and Underground Services Alert (USA) was notified at least 48 hours prior to drilling. Prior to initiating drilling activities, a Site Safety Plan was prepared, and a tailgate safety meeting was conducted with all site workers.

Location of Borings

Locations of the five investigative borings, GA-12 through GA-16, are shown on Figure 5. Two of the soil borings, GA-12 and GA-13, were located on the east side of Adeline Street, south of previous boring GA-1 and southeast of previous boring GA-2. The three remaining borings, GA-14, GA-15, and GA-16, were located on the west side of Adeline Street, south of previous borings GA-2 and GA-3.

Drilling and Sampling of Investigative Soil Borings

The five borings were drilled to depths ranging approximately from 14 feet to 16 feet below surface grade using direct-push hydraulically-driven soil coring equipment. The direct-push coring system allowed for the retrieval of almost continuous soil cores, which were contained in a clear plastic acetate tube, nested inside a stainless steel core barrel. For all borings, after the core barrel was brought to the surface and exposed, soils were examined, logged, and field screened for hydrocarbons by a qualified scientist using sight and smell. Boring logs for the five soil borings are contained in Attachment B.

Subsurface soils were sampled using 4-ounce wide mouth glass jars. Each sample was collected by completely filling the jar, tightly capping and labeling the jar, and placing the jar in cold storage for transport to the analytical laboratory under formal chain-of-custody. All coring and sampling equipment was thoroughly cleaned and decontaminated between each sample collection by triple rinsing first with water, then with dilute tri-sodium phosphate solution, and finally with distilled water.

One grab groundwater sample was collected from each of the five soil borings using a clean disposable bailer. Grab groundwater samples were collected as follows: (1) 1-1/4-inch diameter well casing was placed in the boring, with about five feet of slotted screen on the bottom; (2) Groundwater was poured directly from the bailer into laboratory-supplied containers; and (3) Each sample container was tightly sealed, labeled, and placed in cold storage for transport to the laboratory under formal chain-of-custody. All sampling equipment was thoroughly decontaminated by triple rinsing as described previously in this report.

Following completion of drilling and sampling activities, the five investigative borings were grouted to match existing grade using a cement slurry.

Laboratory Analysis of Soil and Water Samples

A total of twelve soil samples and five grab groundwater samples were analyzed for the following parameters:

USEPA 8260B Halogenated Volatile Organic Compounds (HVOCs)

All analyses were conducted by Sunstar Laboratories, a California-certified analytical laboratory, with two-week turn around time on laboratory results.

RESULTS OF INVESTIGATION

General Subsurface Conditions

Soils encountered in the five soil borings consisted primarily of clays and silts down to about 13 feet in depth, followed by grey brown gravelly and silty sands down to total depth. Groundwater was encountered in the borings at about 11 feet in depth, and rose in the borings to about seven feet in depth. Slight hydrocarbon odors were noted in near-surface soils in boring GA-14, and at 12 to 14 feet in depth in boring GA -15.

Soil and Groundwater Laboratory Results

Soil and groundwater analytical results are summarized in Table 1 and on Figure 6. The laboratory data report and chain-of-custody record for soil and groundwater analyses is contained in Attachment C.

Table 1
SUMMARY OF LABORATORY ANALYTICAL RESULTS
Former Coast Sausage Site

Sample ID	*Sample Type*	*Sample Depth*	*Concentration, Soil = milligrams per kilogram (mg/kg); Groundwater = micrograms per liter (ug/l)*					
			PCE	*TCE*	*cis-1,2-DCE*	*trans1,2-DCE*	*VC*	*Other HVOCs*
GA-12-11.0	Soil	11.0 ft	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	ND
GA-12-13.5	Soil	13.5 ft	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	ND
GA-12-GW	Water	(11.0 ft)	<1.0	<1.0	<0.50	<0.50	<0.50	ND
GA-13-11.5	Soil	11.5 ft	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	ND
GA-13-15.0	Soil	15.0 ft	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	ND
GA-13-GW	Water	(7.1 ft)	<1.0	<1.0	<0.50	<0.50	<0.50	ND
GA-14-5.0	Soil	5.0 ft	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	ND
GA-14-7.5	Soil	7.5 ft	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	ND
GA-14-14	Soil	14.0 ft	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	ND
GA-14-W	Water	(13.0 ft)	<1.0	<1.0	**1.2**	<0.50	**2.1**	ND
GA-15-3.5	Soil	11.0 ft	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	ND
GA-15-7.5	Soil	11.0 ft	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	ND
GA-15-13.5	Soil	11.0 ft	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	ND
GA-15-W	Water	(7.4 ft)	<1.0	<1.0	**5.9**	<0.50	<0.50	ND

Table 1
SUMMARY OF LABORATORY ANALYTICAL RESULTS
Former Coast Sausage Site

Sample ID	*Sample Type*	*Sample Depth*	*Concentration, Soil = milligrams per kilogram (mg/kg); Groundwater = micrograms per liter (ug/l)*					
			PCE	*TCE*	*cis-1,2-DCE*	*trans1,2-DCE*	*VC*	*Other HVOCs*
GA-16-4.0	Soil	4.0 ft	<0.0040	<0.0040	**0.0056**	<0.0040	<0.0040	ND
GA-16-13.5	Soil	13.5 ft	<0.0040	<0.0040	<4.0	<0.0040	<0.0040	ND
GA-16-W	Water	(7.24 ft)	<1.0	<1.0	**1.9**	<0.50	<0.50	ND
Soil ESL-Residential, mg/kg			**0.087**	**0.260**	**1.6**	**3.1**	**0.0067**	Various
Groundwater ESL-Residential, ug/l			**500**	**2,000**	**19,000**	**24,000**	**17**	Various

Table Notes

Sample Depth = Depth below ground surface, in feet.
PCE = Tetrachloroethene
TCE = Tetrachloroethene
c-1,2-DCE = Cis-1,2-Dichloroethene
t-1,2-DCE = Trans-1,2-Dichloroethene
VC = Vinyl Chloride
Other HVOCs = Includes 23 other Halogenated Volatile Organic Compounds.
<4.0 = Not detected above the expressed value.
ND = No detectable concentrations of 23 individual VOC constituents.

Soil ESL = Soil Environmental Screening Levels for Evaluation of Potential Vapor Intrusion Concerns (residential land use), Table E-1b, as contained in *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, San Francisco Bay Regional Water Quality Control Board, Interim Final, February 2005.
Groundwater ESL = Groundwater Environmental Screening Levels for Evaluation of Potential Vapor Intrusion Concerns (residential land use, low/moderate permeability soils), Table E-1a, as contained in *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, San Francisco Bay Regional Water Quality Control Board, Interim Final, February 2005.

HVOCs were detected in only one soil sample collected, at 4.0 feet in depth in boring GA-16, which showed 0.0056 milligrams per kilogram (mg/kg) of cis-1,2-DCE and no detectable concentrations of other HVOCs. HVOCs were not detected in soil samples from borings GA-12, GA-13, GA-14, and GA-15.

HVOCs were detected in groundwater samples from borings GA-14, GA-15, and GA-16, with respective cis-1,2-DCE concentrations of 1.2 micrograms per liter (ug/l), 5.9 ug/l, and 1.9 ug/l. The groundwater sample from boring GA-14 also showed 2.1 ug/l of Vinyl Chloride. Groundwater samples from the five borings showed no other detectable concentrations of HVOCs.

CONCLUSIONS

The results of this additional soil and groundwater investigation did not conclusively identify an offsite source for the HVOC groundwater impacts encountered in previous onsite boring B-2 and offsite boring GA-2. However, the low-level HVOC groundwater detections in borings GA-14, GA-15, and GA-16 may indicate that the HVOC impacts are related to underground utility pipes, such as the stormwater or sewer pipes, which are present near the middle of Adeline Street,

several feet east from these borings. Given the relatively high traffic flow on Adeline Street, drilling in the middle of Adeline Street to assess this possibility would be difficult and dangerous.

While this investigation did not conclusively define an offsite source for HVOC groundwater impacts, results of this and previous investigations do seem to indicate that the elevated HVOC concentrations at boring GA-2 are very localized and not part of a larger, more extensive groundwater HVOC plume.

We believe that regulatory closure should be granted relative to these HVOC groundwater impacts, given:

(1) The extremely limited extent of these impacts, with the highest groundwater HVOC impacts in previous Adeline Street boring GA-2 and no significant soil HVOC impacts;

(2) The highest groundwater HVOC concentration (3,400 ug/l of c-1,2-DCE in previous boring GA-2) is below the residential vapor intrusion ESLs for both high permeability soils (6,200 ug/l and low/moderate permeability soils (19,000 ug/l) (*Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater* (SFBRWQCB, Interim Final, February 2005); and

(3) Previous soil gas sampling results at eight locations (two of which are in the HVOC groundwater impacted area) where residential units are planned showed no detectable HVOCs.

In summary, results from this and previous investigations indicate a small, localized groundwater cis-1,2-DCE plume in the vicinity of boring GA-2. Laboratory results for groundwater samples from surrounding borings demonstrate limited lateral extent of these groundwater HVOC impacts. Additionally, soil data from this and previous investigations do not indicate significant soil contamination that would normally be associated with groundwater impacts originated from a project site source. Finally, soil gas data from the July 2006 investigation reported soil vapor concentrations well below soil vapor ESL concentrations for all VOC analytes, indicating very little upward migration of soil vapors.

Based on results from this and previous investigations, we believe that regulatory closure should be granted for this site.

We appreciate the opportunity to present this workplan for your review. Please contact us if you have questions or require additional information.

Very truly yours,

Matthew A. Rosman
Project Engineer

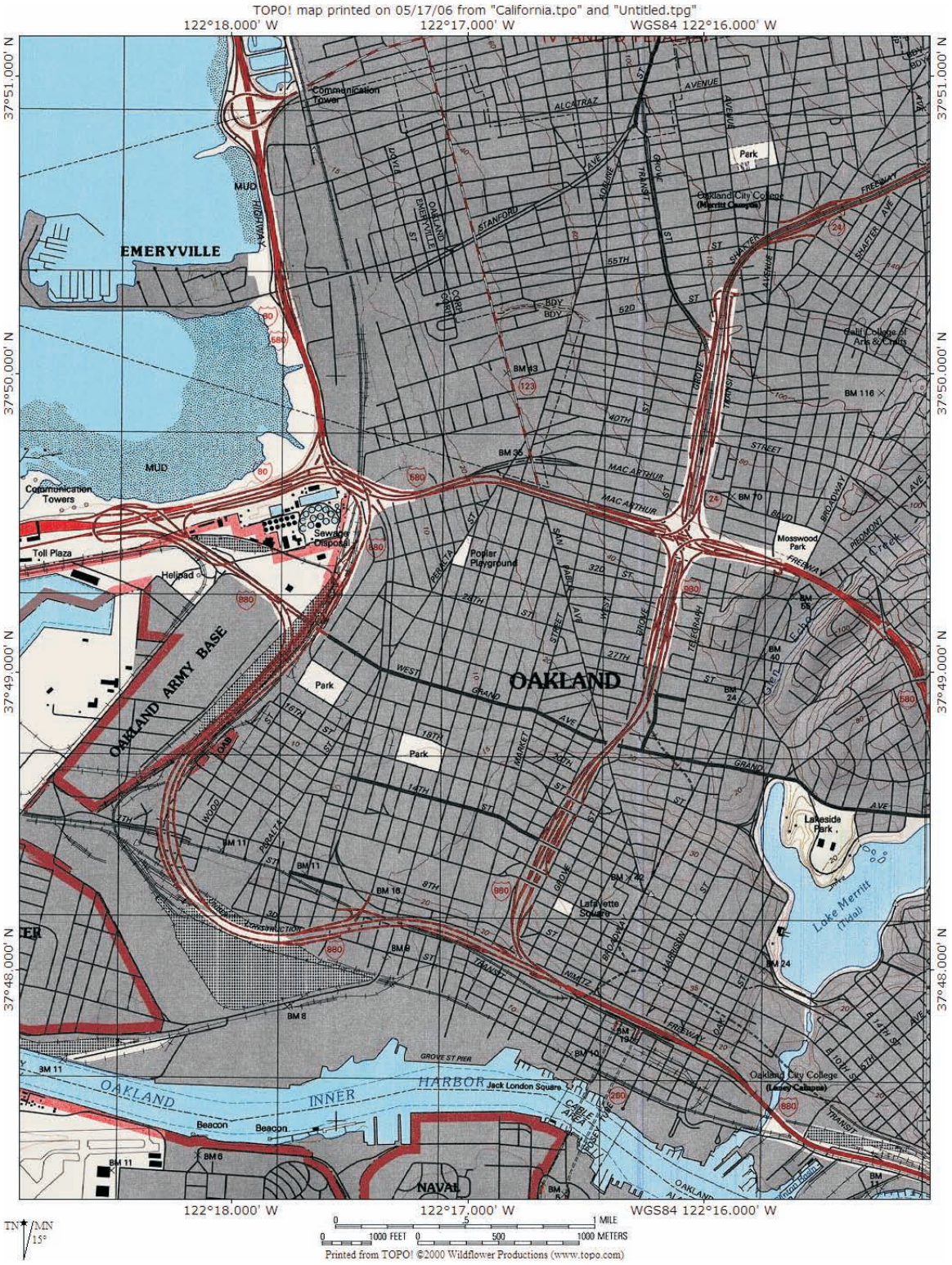
James E. Gribi
Registered Geologist
California No. 5843

MAR:JEG:ct
Enclosure

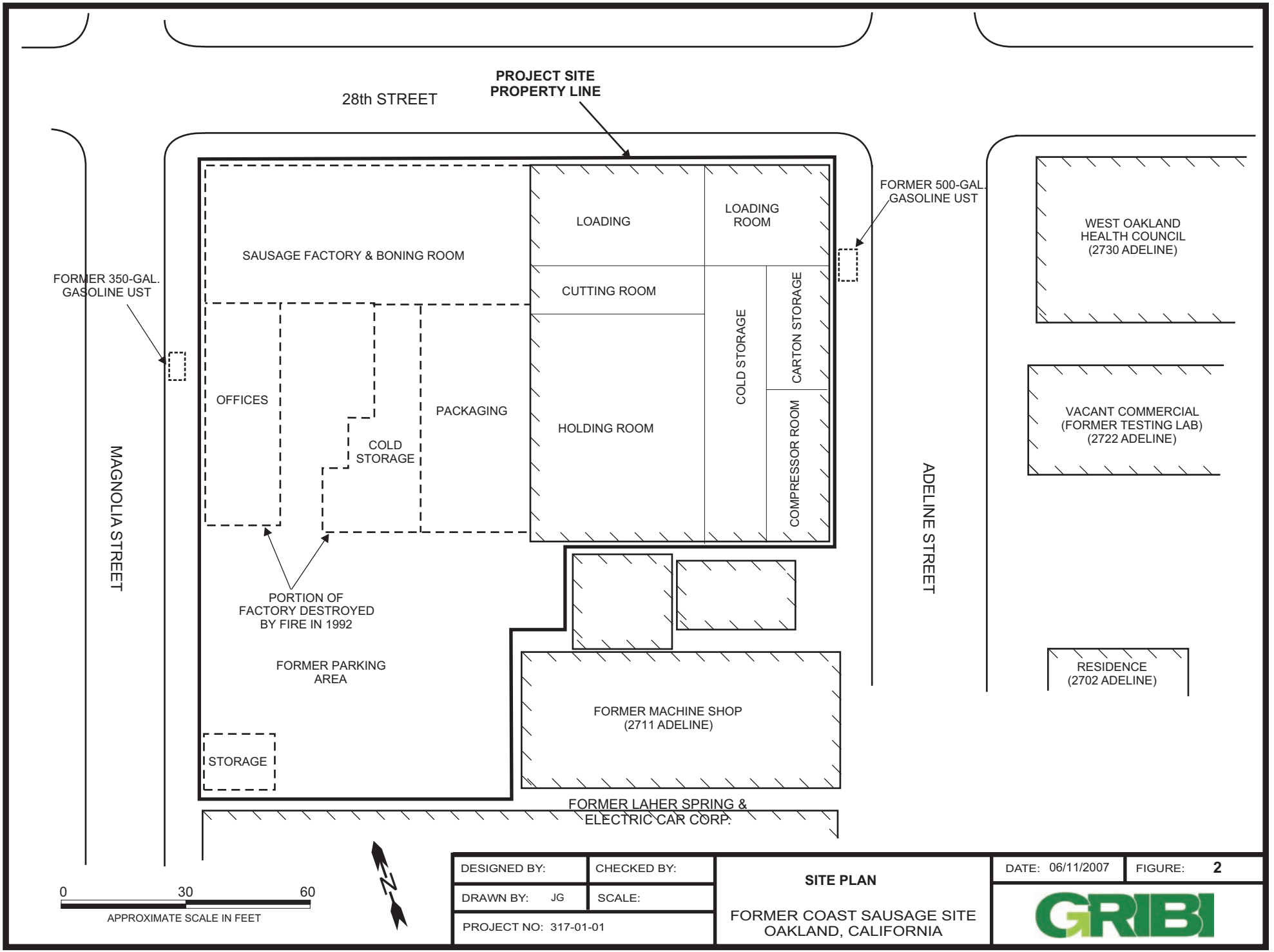
cc: Mr. Francis Rush, Rush Property Group

File: M:\Projects\Active Projects\Francis Rush\Coast Sausage\Additional SWI\Rush_Coast Sausage_Additional SWI Report jeg.wpd

FIGURES



DESIGNED BY:	CHECKED BY:	**SITE VICINITY MAP**	DATE: 06/11/2007	FIGURE: 1
DRAWN BY: JG	SCALE:			
PROJECT NO: 317-01-01		FORMER COAST SAUSAGE SITE OAKLAND, CALIFORNIA		



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PROJECT NO: 317-01-01	

SITE PLAN

FORMER COAST SAUSAGE SITE
OAKLAND, CALIFORNIA

DATE: 06/11/2007 FIGURE: **2**

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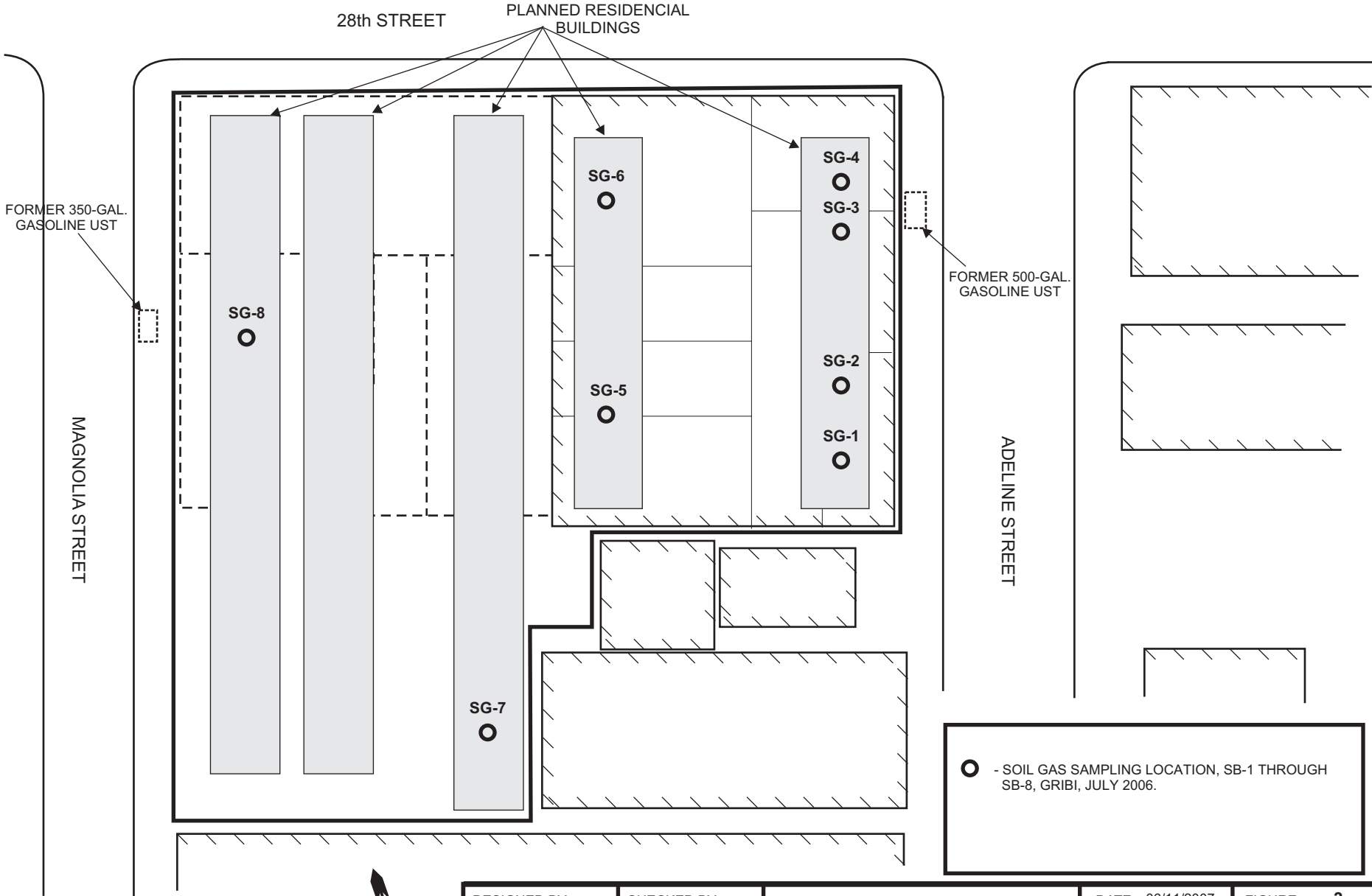

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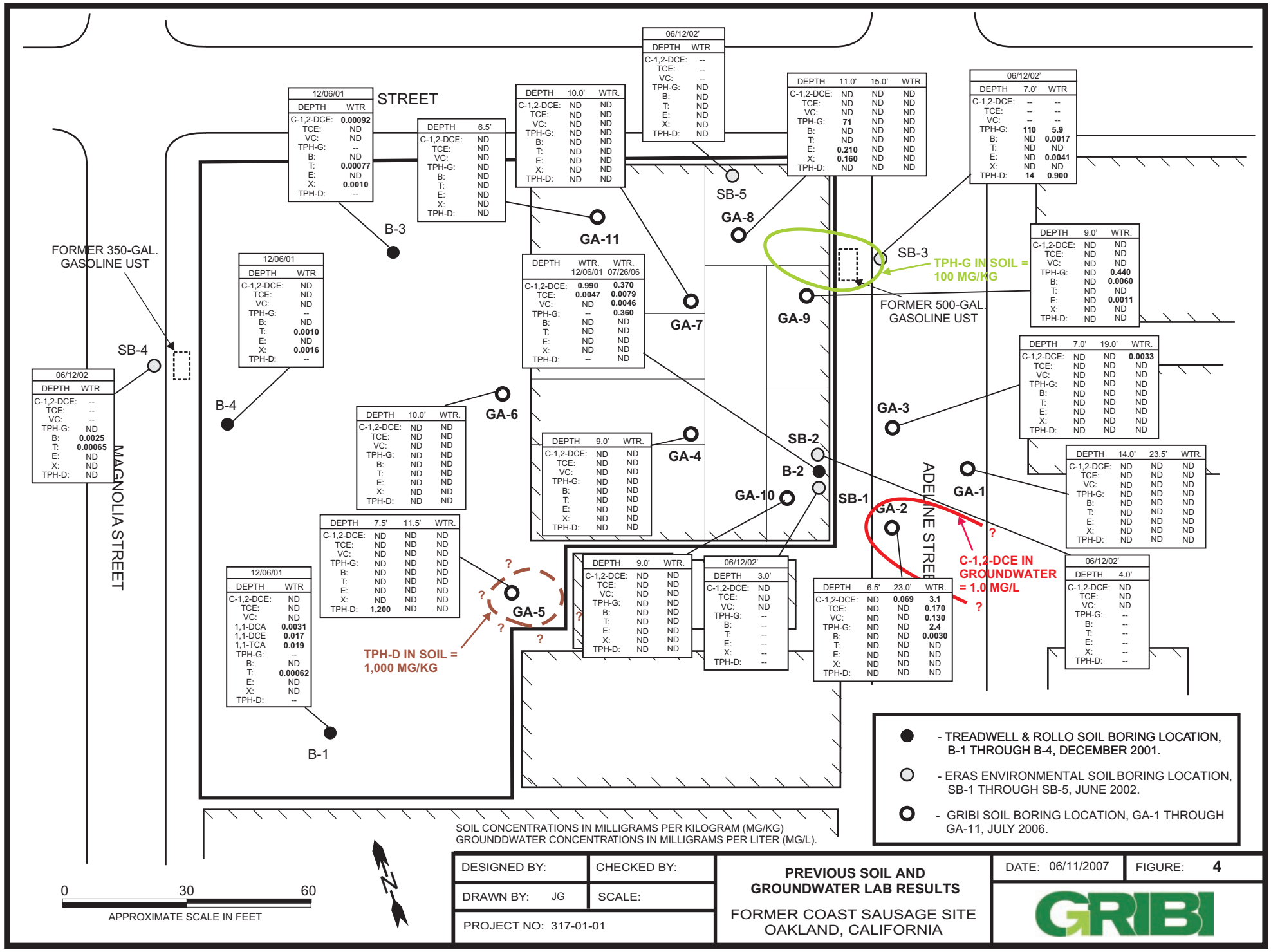
DRAWN BY: JG	SCALE:
PROJECT NO: 317-01-01	

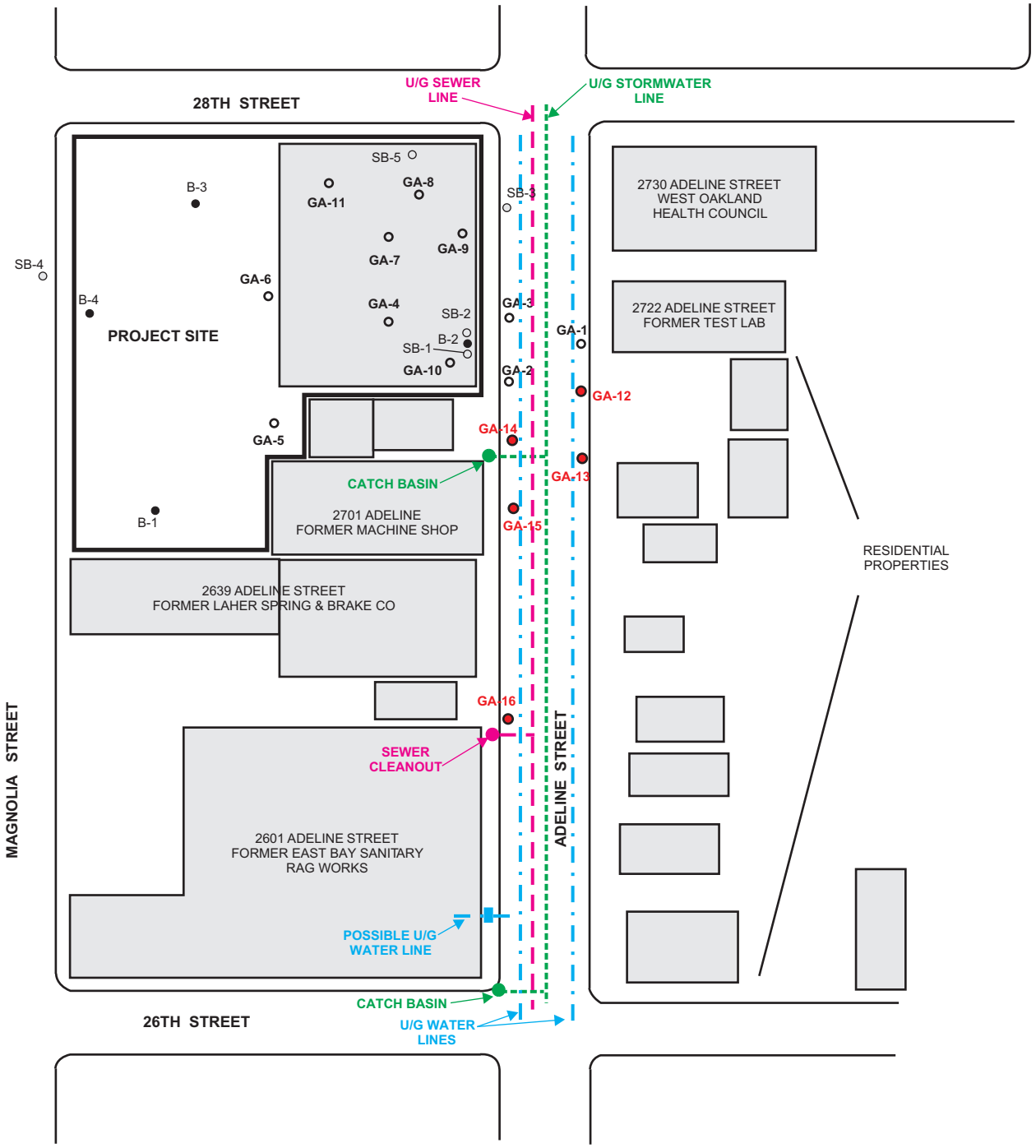
SOIL GAS SAMPLING LOCATIONS & RESULTS

FORMER COAST SAUSAGE SITE
OAKLAND, CALIFORNIA

DATE: 06/11/2007 FIGURE: 3

GRIBI


STREET
MAGNOLIA STREET
ADELINE STREET
FORMER 350-GAL. GASOLINE UST
FORMER 500-GAL. GASOLINE UST
SB-4
SB-5
SB-3
SB-2
SB-1
B-1
B-2
B-3
B-4
GA-1
GA-2
GA-3
GA-4
GA-5
GA-6
GA-7
GA-8
GA-9
GA-10
GA-11
TPH-G IN SOIL = 100 MG/KG
C-1,2-DCE IN GROUNDWATER = 1.0 MG/L
TPH-D IN SOIL = 1,000 MG/KG
06/12/02
DEPTH WTR
C-1,2-DCE: --
TCE: --
VC: --
TPH-G: ND
B: 0.0025
T: 0.00065
E: ND
X: ND
TPH-D: ND
12/06/01
DEPTH WTR
C-1,2-DCE: 0.00092
TCE: ND
VC: ND
TPH-G: --
B: ND
T: 0.00077
E: ND
X: 0.0010
TPH-D: --
DEPTH 6.5'
C-1,2-DCE: ND
TCE: ND
VC: ND
TPH-G: ND
B: ND
T: ND
E: ND
X: ND
TPH-D: ND
DEPTH 10.0' WTR.
C-1,2-DCE: ND ND
TCE: ND ND
VC: ND ND
TPH-G: ND ND
B: ND ND
T: ND ND
E: ND ND
X: ND ND
TPH-D: ND ND
06/12/02'
DEPTH WTR
C-1,2-DCE: --
TCE: --
VC: --
TPH-G: ND
B: ND
T: ND
E: ND
X: ND
TPH-D: ND
DEPTH 11.0' 15.0' WTR.
C-1,2-DCE: ND ND ND
TCE: ND ND ND
VC: ND ND ND
TPH-G: 71 ND ND
B: ND ND ND
T: ND ND ND
E: 0.210 ND ND
X: 0.160 ND ND
TPH-D: ND ND ND
06/12/02'
DEPTH 7.0' WTR
C-1,2-DCE: -- --
TCE: -- --
VC: -- --
TPH-G: 110 5.9
B: ND 0.0017
T: ND ND
E: ND 0.0041
X: ND ND
TPH-D: 14 0.900
DEPTH 9.0' WTR.
C-1,2-DCE: ND ND
TCE: ND ND
VC: ND ND
TPH-G: ND 0.440
B: ND 0.0060
T: ND ND
E: ND 0.0011
X: ND ND
TPH-D: ND ND
12/06/01
DEPTH WTR
C-1,2-DCE: ND
TCE: ND
VC: ND
TPH-G: --
B: ND
T: 0.0010
E: ND
X: 0.0016
TPH-D: --
DEPTH WTR. WTR.
12/06/01 07/26/06
C-1,2-DCE: 0.990 0.370
TCE: 0.0047 0.0079
VC: ND 0.0046
TPH-G: -- 0.360
B: ND ND
T: ND ND
E: ND ND
X: ND ND
TPH-D: -- ND
DEPTH 7.0' 19.0' WTR.
C-1,2-DCE: ND ND 0.0033
TCE: ND ND ND
VC: ND ND ND
TPH-G: ND ND ND
B: ND ND ND
T: ND ND ND
E: ND ND ND
X: ND ND ND
TPH-D: ND ND ND
DEPTH 10.0' WTR.
C-1,2-DCE: ND ND
TCE: ND ND
VC: ND ND
TPH-G: ND ND
B: ND ND
T: ND ND
E: ND ND
X: ND ND
TPH-D: ND ND
DEPTH 9.0' WTR.
C-1,2-DCE: ND ND
TCE: ND ND
VC: ND ND
TPH-G: ND ND
B: ND ND
T: ND ND
E: ND ND
X: ND ND
TPH-D: ND ND
DEPTH 14.0' 23.5' WTR.
C-1,2-DCE: ND ND ND
TCE: ND ND ND
VC: ND ND ND
TPH-G: ND ND ND
B: ND ND ND
T: ND ND ND
E: ND ND ND
X: ND ND ND
TPH-D: ND ND ND
DEPTH 7.5' 11.5' WTR.
C-1,2-DCE: ND ND ND
TCE: ND ND ND
VC: ND ND ND
TPH-G: ND ND ND
B: ND ND ND
T: ND ND ND
E: ND ND ND
X: ND ND ND
TPH-D: 1,200 ND ND
12/06/01
DEPTH WTR
C-1,2-DCE: ND
TCE: ND
VC: ND
1,1-DCA 0.0031
1,1-DCE 0.017
1,1-TCA 0.019
TPH-G: --
B: ND
T: 0.00062
E: ND
X: ND
TPH-D: --
DEPTH 9.0' WTR.
C-1,2-DCE: ND ND
TCE: ND ND
VC: ND ND
TPH-G: ND ND
B: ND ND
T: ND ND
E: ND ND
X: ND ND
TPH-D: ND ND
06/12/02'
DEPTH 3.0'
C-1,2-DCE: ND
TCE: ND
VC: ND
TPH-G: --
B: --
T: --
E: --
X: --
TPH-D: --
DEPTH 6.5' 23.0' WTR.
C-1,2-DCE: ND 0.069 3.1
TCE: ND ND 0.170
VC: ND ND 0.130
TPH-G: ND ND 2.4
B: ND ND 0.0030
T: ND ND ND
E: ND ND ND
X: ND ND ND
TPH-D: ND ND ND
06/12/02'
DEPTH 4.0'
C-1,2-DCE: ND
TCE: ND
VC: ND
TPH-G: --
B: --
T: --
E: --
X: --
TPH-D: --
0
30
60
APPROXIMATE SCALE IN FEET
N
SOIL CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (MG/KG)
GROUNDDWATER CONCENTRATIONS IN MILLIGRAMS PER LITER (MG/L).
- TREADWELL & ROLLO SOIL BORING LOCATION, B-1 THROUGH B-4, DECEMBER 2001.
- ERAS ENVIRONMENTAL SOIL BORING LOCATION, SB-1 THROUGH SB-5, JUNE 2002.
- GRIBI SOIL BORING LOCATION, GA-1 THROUGH GA-11, JULY 2006.
DESIGNED BY:
CHECKED BY:
DRAWN BY: JG
SCALE:
PROJECT NO: 317-01-01
PREVIOUS SOIL AND GROUNDWATER LAB RESULTS
FORMER COAST SAUSAGE SITE
OAKLAND, CALIFORNIA
DATE: 06/11/2007
FIGURE: 4
GRIBI

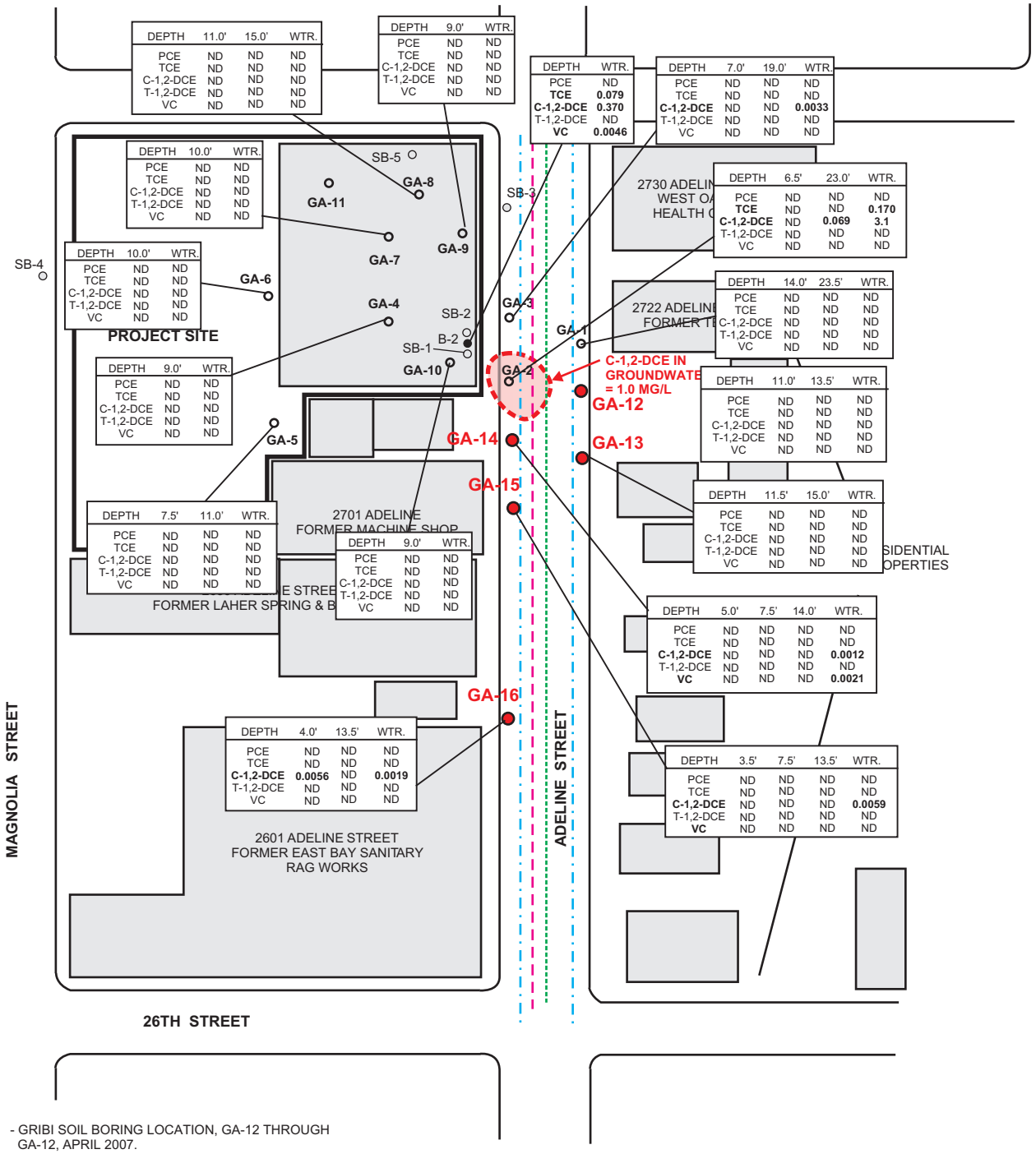


- GRIBI SOIL BORING LOCATION, GA-12 THROUGH GA-16, APRIL 2007.
- GRIBI SOIL BORING LOCATION, GA-1 THROUGH GA-11, JULY 2006.
- ERAS ENVIRONMENTAL SOIL BORING LOCATION, SB-1 THROUGH SB-5, JUNE 2002.
- TREADWELL & ROLLO SOIL BORING LOCATION, B-1 THROUGH B-4, DECEMBER 2001.

0 100 200

APPROXIMATE SCALE IN FEET

DESIGNED BY:	CHECKED BY:	**SITE AREA PLAN**	DATE: 06/11/2007 FIGURE: **5**
DRAWN BY: JG	SCALE:	FORMER COAST SAUSAGE SITE OAKLAND, CALIFORNIA	GRIBI
PROJECT NO: 317-01-01			



- GA-12 through GA-16 - GRIBI SOIL BORING LOCATION, GA-12 THROUGH GA-12, APRIL 2007.
- GA-1 through GA-11 - GRIBI SOIL BORING LOCATION, GA-1 THROUGH GA-11, JULY 2006.
- SB-1 through SB-5 - ERAS ENVIRONMENTAL SOIL BORING LOCATION, SB-1 THROUGH SB-5, JUNE 2002.
- B-1 through B-4 - TREADWELL & ROLLO SOIL BORING LOCATION, B-1 THROUGH B-4, DECEMBER 2001.

SOIL CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (MG/KG)
GROUNDDWATER CONCENTRATIONS IN MILLIGRAMS PER LITER (MG/L).

DESIGNED BY:	CHECKED BY:	**SOIL AND GROUNDWATER HVOC RESULTS**	DATE: 06/11/2007
DRAWN BY: JG	SCALE:	FORMER COAST SAUSAGE SITE OAKLAND, CALIFORNIA	FIGURE: **6**
PROJECT NO: 317-01-01			GRIBI

ATTACHMENT A

REGULATORY PERMITS

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 04/03/2007 By jamesy

Permit Numbers: W2007-0487
Permits Valid from 04/16/2007 to 04/20/2007

Application Id: 1175552768015
City of Project Site: Oakland
Site Location: 1173 28th street.
Work will be performed on Adeline Street.
Project Start Date: 04/16/2007
Completion Date: 04/20/2007

Applicant: Gribi Associates - Aaron Garcia
1090 Adams Street Suite K, Benicia, CA 94510
Phone: 707-748-7743

Property Owner: Francis Rush
2200 Adeline Street #350, Oakland, CA 94607
Phone: --

Client: ** same as Property Owner **

Total Due: $200.00
Receipt Number: WR2007-0148 **Total Amount Paid:** $200.00
Payer Name : James E. Gribi Paid By: VISA **PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitorinig Study - 5 Boreholes
Driller: Gregg Drilling - Lic #: 485165 - Method: DP **Work Total: $200.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2007-0487	04/03/2007	07/15/2007	5	2.00 in.	20.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

6. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants

PROGRAMS AND SERVICES

Well Standards Program

The Alameda County Public Works Agency, Water Resources is located at:
399 Elmhurst Street
Hayward, CA 94544
For Driving Directions or General Info, Please Contact 510-670-5480 or wells@acpwa.org
For Drilling Permit information and process contact James Yoo at
Phone: 510-670-6633
FAX: 510-782-1939
Email: Jamesy@acpwa.org

Alameda County Public Works is the administering agency of General Ordinance Code, Chapter 6.88 . The purpose of this chapter is to provide for the regulation of groundwater wells and exploratory holes as required by California Water Code. The provisions of these laws are administered and enforced by Alameda County Public Works Agency through its Well Standards Program.

Drilling Permit Jurisdictions in Alameda County: There are four jurisdictions in Alameda County.

Location: Agency with Jurisdiction Contact Number

Berkeley City of Berkeley Ph: 510-981-7460
Fax: 510-540-5672

Fremont, Newark, Union City Alameda County Water District Ph: 510-668-4460
Fax: 510-651-1760

Pleasanton, Dublin, Livermore, Sunol Zone 7 Water Agency Ph: 925-454-5000
Fax: 510-454-5728

The Alameda County Public Works Agency, Water Resources has the responsibility and authority to issue drilling permits and to enforce the County Water Well Ordinance 73-68. This jurisdiction covers the western Alameda County area of **Oakland**, **Alameda**,**Piedmont**, **Emeryville**, **Albany**, **San Leandro**, **San Lorenzo**, **Castro Valley**, and **Hayward** . The purpose of the drilling permits are to ensure that any new well or the destruction of wells, including geotechnical investigations and environmental sampling within the above jurisdiction and within Alameda County will not cause pollution or contamination of ground water or otherwise jeopardize the health, safety or welfare of the people of Alameda County.

Permits are required for all work pertaining to wells and exploratory holes at any depth within the jurisdiction of the Well Standards Program. A completed permit application *(30 Kb)** , along with a site map, should be submitted at least **ten (10) working days prior to the planned start of work**. Submittals should be sent to the address or fax number provided on the application form. When submitting an application via fax, please use a high resolution scan to retain legibility.

Fees
Beginning April 11, 2005 , the following fees shall apply:

A permit to construct, rehabilitate, or destroy wells, including cathodic protection wells, but excluding dewatering wells (*Horizontal hillside dewatering and dewatering for construction period only), shall cost $300.00 per well.

A permit to bore exploratory holes, including temporary test wells, shall cost $200 per site. A site includes the project parcel as well as any adjoining parcels.

Please make checks payable to: **Treasurer, County of Alameda**

Permit Fees are exempt to State & Federal Projects
Applicants shall submit a letter from the agency requesting the fee exemption.

Scheduling Work/Inspections:
Alameda County Public Works Agency (ACPWA), Water Resources Section requires scheduling and inspection of permitted work. All drilling activities must be scheduled in advance. Availability of inspections will vary from week to week and will come on a first come, first served bases. To ensure inspection availability on your desired or driller scheduled date, the following procedures are required:

Please contact **James Yoo at 510-670-6633** to schedule the inspection date and time (You must have drilling permit approved prior to scheduling).

Schedule the work as far in advance as possible (at least 5 days in advance); and confirm the scheduled drilling date(s) at least 24 hours prior to drilling.

Once the work has been scheduled, an ACPWA Inspector will coordinate the inspection requirements as well as how the Inspector can be reached if they are not at the site when Inspection is required. Expect for special circumstances given, all work will require the inspection to be conducted during the working hours of 8:30am to 2:30pm., Monday to Friday, excluding holidays.

Request for Permit Extension:
Permits are only valid from the start date to the completion date as stated on the drilling permit application and Conditions of Approval. To request an extension of a drilling permit application, applicants must request in writing prior to the completion date as set forth in the Conditions of Approval of the drilling permit application. Please send fax or email to Water Resources Section, Fax 510-782-1939 or email at wells@acpwa.org. There are no additional fees for permit extensions or for re-scheduling inspection dates. You may not extend your drilling permit dates beyond 90 days from the approval date of the permit application. **NO refunds** shall be given back after 90 days and the permit shall be deemed voided.

Cancel a Drilling Permit:
Applicants may cancel a drilling permit only in writing by mail, fax or email to Water Resources Section, Fax 510-782-1939 or email at wells@acpwa.org. If you do not cancel your drilling permit application before the drilling completion date or notify in writing within 90 days, Alameda County Public Works Agency, Water Resources Section may void the permit and No refunds may be given back.

Refunds/Service Charge:
A service charge of $25.00 dollars for the first check returned and $35.00 dollars for each subsequent check returned.

Applicants who cancel a drilling permit application **before** we issue the approved permit(s), will receive a **FULL** refund (at any amount) and will be mailed back within two weeks.

Applicants who cancel a drilling permit application **after** a permit has been issued will then be charged a service fee of $50.00 (fifty Dollars).

To collect the remaining funds will be determined by the amount of the refund to be refunded (see process below).

Board of Supervisors Minute Order, File No. 9763, dated January 9, 1996, gives blanket authority to the Auditor-Controller to process claims, from all County departments for the refund of fees which do not exceed $500 (Five Hundred Dollars)(with the exception of the County Clerk whose limit is $1,500).

Refunds over the amounts must be authorized by the Board of Supervisors Minute Order, File No. 9763 require specific approval by the Board of Supervisors. The forms to request for refunds under $500.00 (Five Hundred Dollars) are available at this office or any County Offices. If the amount is exceeded, a Board letter and Minute Order must accompany the claim. Applicant shall fill out the request form and the County Fiscal department will process the request.

Enforcement
Penalty. Any person who does any work for which a permit is required by this chapter and who fails to obtain a permit shall be guilty of a misdemeanor punishable by fine not exceeding Five Hundred Dollars ($500.00) or by imprisonment not exceeding six months, or by both such fine and imprisonment, and such person shall be deemed guilty of a separate offense for each and every day or portion thereof during which any such

violation is committed, continued, or permitted, and shall be subject to the same punishment as for the original offense. (Prior gen. code §3-160.6)

Enforcement actions will be determined by this office on a case-by-case basis
Drilling without a permit shall be the cost of the permit(s) and a fine of $500.00 (Five Hundred Dollars).

Well Completion Reports (State DWR-188 forms) must be filed with the Well Standards Program within 60 days of completing work. Staff will review the report, assign a state well number, and then forward it to the California Department of Water Resources (DWR). Drillers should not send completed reports to DWR directly. Failure to file a Well Completion Report or deliberate falsification of the information is a misdemeanor; it is also grounds for disciplinary action by the Contractors' State License Board. Also note that filed Well Completion Reports are considered private record protected by state law and can only be released to the well owner or those specifically authorized by government agencies.

See our website (www.acgov.org/pwa/wells/index.shtml) for links to additional forms.

responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

7. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

CITY OF OAKLAND
Office of Planning and Building

EXCAVATION PERMIT

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL ENGINEERING

Permit valid for 90 days from date of issuance.

PERMIT NUMBER	SITE ADDRESS/LOCATION
X 0 7 0 0 3 4 9 2 *	1173 28th STREET
APPROX. START DATE: 4/16/07 — APPROX. END DATE: 4/20/07	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour number): 925-313-5800
CONTRACTOR'S LICENSE # AND CLASS: 485165 C-57	CITY BUSINESS TAX #: 3038

ATTENTION:

1- State law requires that the contractor/owner call Underground Service Alert (USA) two working days before excavating. This permit is not valid unless applicant has secured an inquiry identification number issued by USA. The USA telephone number is 1-800-642-2444. Underground Service Alert (USA) # _____

2- 48 hours prior to starting work, you MUST CALL (510) 238-3651 to schedule an inspection.

3- 48 hours prior to re-paving, a compaction certificate is required (waived for approved slurry backfill).

OWNER/BUILDER

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than $500):

☐ I, as an owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

☐ I, as owner of the property, am exempt from the sale requirements of the above due to: (1) I am improving my principal place of residence or appurtenances thereto, (2) the work will be performed prior to sale, (3) I have resided in the residence for the 12 months prior to completion of the work, and (4) I have not claimed exemption on this subdivision on more than two structures more than once during any three-year period. (Sec. 7044 Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project, (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License law).

☐ I am exempt under Sec. _____, B&PC for this reason _____.

WORKER'S COMPENSATION

☐ I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3700, Labor Code).

Policy # _____ Company Name _____

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California (not required for work valued at one hundred dollars ($100) or less).

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked. This permit is issued pursuant to all provisions of Title 12 Chapter 12.12 of the Oakland Municipal Code. It is granted upon the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or arising out of permittee's failure to perform the obligations with respect to street maintenance. The permittee shall, and by acceptance of the permit agrees to defend, indemnify, save and hold harmless the City, its officers and employees, from and against any and all suits, claims, or actions brought by any person for or on account of any bodily injuries, disease or illness or damage to persons and/or property sustained or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance. This permit is void 90 days from the date of issuance unless an extension is granted by the Director of the Office of Planning and Building.

I hereby affirm that I am licensed under provisions of Chapter 9 of Division 3 of the Business and Professions Code and my license is in full force and effect (if contractor), that I have read this permit and agree to its requirements, and that the above information is true and correct under penalty of law.

X _____ Date 4/10/07

Signature of Permittee ☒ Agent for ☐ Contractor ☐ Owner

DATE STREET LAST RESURFACED	SPECIAL PAVING DETAIL REQUIRED? ☐ YES ☐ NO	HOLIDAY RESTRICTION? (NOV 1 - JAN 1) ☐ YES ☐ NO	LIMITED OPERATION AREA? (7AM-9AM & 4PM-6PM) ☐ YES ☐ NO
ISSUED BY		DATE ISSUED	

CITY OF OAKLAND • Community and Economic Development Agency

250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • Fax (510) 238-2263

Applications for which no permit is issued within 180 days shall expire by limitation.

Job Site 1173 28TH ST Parcel# 005 -0446-001-01 Appl# X0700349

Descr soil boring on Adeline St between 26th & 28th St [one block area] Permit Issued 04/10/07

Work Type EXCAVATION-PRIVATE P

USA # Util Co. Job # Acctg#:
Util Fund #:

		Applcnt	Phone#	Lic#	--License Classes--
Owner	2700 MAGNOLIA LLC, OAKLAND LOF				
Contractor	GREGG DRILLING & TESTING, INC.		(925)313-5800	485165	C57
Arch/Engr					
Agent	GRIBI ASSOCIATES/A. GARCIA	X	(707)718-1134		
Applic Addr					

$414.25	TOTAL FEES PAID AT ISSUANCE		
$61.00	Applic	$300.00	Permit
$.00	Process	$34.30	Rec Mgmt
$.00	Gen Plan	$.00	Invstg
$.00	Other	$18.95	Tech Enh

ADDRESS:

DIST:

JOB SITE

Date: 04/10/07 Amt Paid: $414.25
By: SKJ Register R03 Receipt# 116781

ATTACHMENT B

SOIL BORING LOGS

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **GA-12**

BORING LOCATION: 1173 28th Street
Oakland, California

BORING TYPE: Soil

PROJECT NAME: Coast Sausage

PROJECT NUMBER: 307-01-01

START DATE: 04/16/2007

COMPLETION DATE: 04/16/2007

DRILLING CONTRACTOR: Gregg Drilling

DRILLING METHOD: Direct Push

BOREHOLE DIAMETER: 2.25”

COMPLETION METHOD: Grout

BORING TOTAL DEPTH: 14.0 ft.

GROUNDWATER DEPTH: 11.0 ft.

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL
						0.0 - 2.0 ft. Concrete and base rock.
5					CL	2.0 - 6.5 ft. **Clay (CL)** Dark gray, stiff, dense, moist, no odors or staining
					CL	6.5 - 13.0 ft. **Clay (CL)** Grey-brown, soft to medium stiff, localized silt, moist, wet at 11.0’, no odor or staining.
10	GA-12-11.0	11.0 ft.		▽		
	GA-12-13.5	13.5 ft.			SC	13.0 - 14.0 ft. **Clayey Sand (SC)** Grey-brown, soft, very fine to fine grain, wet, no odor or staining
15						Total Depth: 14.0 Feet.
						GROUNDWATER DEPTH = 11.0 FT. INITIAL, ? FINAL (SLOW RECHARGE)
						WATER SAMPLE GA-12-W COLLECTED.
20						

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **GA-13**

BORING LOCATION: 1173 28th Street
Oakland, California

BORING TYPE: Soil

PROJECT NAME: Coast Sausage

PROJECT NUMBER: 307-01-01

START DATE: 04/16/2007

COMPLETION DATE: 04/16/2007

DRILLING CONTRACTOR: Gregg Drilling

DRILLING METHOD: Direct Push

BOREHOLE DIAMETER: 2.25”

COMPLETION METHOD: Grout

BORING TOTAL DEPTH: 15.0 ft.

GROUNDWATER DEPTH: 7.1 ft.

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL
						0.0 - 2.0 ft. Concrete and base rock.
					CL	**2.0 - 6.0 ft. Clay (CL)** Dark grey to black, stiff, moist, no odor or staining.
5				▼		
					CL	**6.0 - 13.0 ft. Clay (CL)** Grey-brown, localized silt/sand, moist to wet, no odor or staining.
10				▽		
	GA-13-11.5	11.5 ft.				
					SC	**13.0 - 15.0 ft. Sand (SP)** Grey-brown, fine to medium grain, very gravelly at 14.5’ -15.0’ wet, no odor or staining.
15	GA-13-15.0	15.0 ft.				
						Total Depth: 15.0 Feet.
						GROUNDWATER DEPTH = 11.0 FT. INITIAL, 7.1 FINAL
						WATER SAMPLE GA-13-W COLLECTED.
20						

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **GA-14**

BORING LOCATION: 1173 28th Street
Oakland, California

BORING TYPE: Soil

PROJECT NAME: Coast Sausage

PROJECT NUMBER: 307-01-01

START DATE: 04/16/2007

COMPLETION DATE: 04/16/2007

DRILLING CONTRACTOR: Gregg Drilling

DRILLING METHOD: Direct Push

BOREHOLE DIAMETER: 2.25”

COMPLETION METHOD: Grout

BORING TOTAL DEPTH: 16.0 ft.

GROUNDWATER DEPTH: 13.0 ft.

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL
						0.0 - 1.0 ft. Concrete
						1.0 - 4.0 ft. No Recovery
5	GA-14-5.0	5.0 ft.			CL	4.0 - 6.5 ft. **Clay (CL)** Olive gray, stiff, moist, slight hydrocarbon odor
	GA-14-7.5	7.5 ft.			SP	6.5 - 10.0 ft. **Sand (SP)** Dark olive-grey, gravelly sand, loose to firm, moist, slightly clayey, slight hydrocarbon odor.
10				▽	CL	10.0 - 12.5 ft. **Clay (CL)** Light olive-grey, slight sandy, soft - medium stiff, wet at 11.0’, no odor or staining.
				▼		12.5 - 14.5 ft. **Sandy Gravel (GP)** Dark olive-grey , clasts to 1”, wet, friable, loose, slight hydrocarbon odor.
	GA-14-14.0	14.0 ft.				
15					SM	14.5 - 16.0 ft. **Silty Sand (SM)** Olive becoming light brown, very fine grain, wet, soft, no odor or staining.
						Total Depth: 16.0 Feet.
						GROUNDWATER DEPTH = 11.0 FT. INITIAL, 13.0 FINAL
						WATER SAMPLE GA-14-W COLLECTED.
20						

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **GA-15**

BORING LOCATION: 1173 28th Street
Oakland, California

BORING TYPE: Soil

PROJECT NAME: Coast Sausage

PROJECT NUMBER: 307-01-01

START DATE: 04/16/2007

COMPLETION DATE: 04/16/2007

DRILLING CONTRACTOR: Gregg Drilling

DRILLING METHOD: Direct Push

BOREHOLE DIAMETER: 2.25”

COMPLETION METHOD: Grout

BORING TOTAL DEPTH: 15.0 ft.

GROUNDWATER DEPTH: 7.4 ft.

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL
						0.0 - 2.0 ft. Concrete and base rock.
	GA-15-3.5	3.5 ft.			CL	2.0 - 5.5 ft. **Clay (CL)** Dark gray, stiff, moist no odor or staining.
5						
	GA-15-7.5	7.5 ft.		▼		
					CL	5.5 - 12.5 ft. **Clay (CL)** Olive-grey, stiff, moist, wet at 11.5’, no to slight hydrocarbon odor.
10				▽		
					GP	12.5 - 14.5 ft. **Sandy Gravel (GP)** Dark olive-grey, clasts to 1”, wet, slight to moderate hydrocarbon (?) Odor.
	GA-15-13.5	13.5 ft.				
					GP/ SP	14.5 - 15.0 ft. **Sandy Gravel/Gravelly Sand (GP-SP)** Red-brown, loose to firm, gravel to 1”, wet, no odor or staining.
15						Total Depth: 15.0 Feet.
						GROUNDWATER DEPTH = 11.5 FT. INITIAL, 7.4 FINAL
						WATER SAMPLE GA-14-W COLLECTED.
20						

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **GA-16**

BORING LOCATION: 1173 28th Street
Oakland, California

BORING TYPE: Soil

PROJECT NAME: Coast Sausage

PROJECT NUMBER: 307-01-01

START DATE: 04/16/2007

COMPLETION DATE: 04/16/2007

DRILLING CONTRACTOR: Gregg Drilling

DRILLING METHOD: Direct Push

BOREHOLE DIAMETER: 2.25”

COMPLETION METHOD: Grout

BORING TOTAL DEPTH: 16.0 ft

GROUNDWATER DEPTH: 7.2 ft.

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL
						0.0 - 2.0 ft. Concrete and base rock.
	GA-16-4.0	4.0 ft.			CL	2.0 - 4.0 ft. **Clay (CL)** Dark grey, stiff, moist, no odor or staining.
5				▼		
					CL	4.0 - 13.0 ft. **Clay (CL)** Light olive-grey, stiff, moist, no odor or staining.
10						
				▽		
	GA-16-13.5	13.5 ft.			SP	13.0 - 16.0 ft. **Sand (SP)** Light brown, very fine to fine grain, wet, loose, no odor or staining.
15						
						Total Depth: 16.0 Feet.
						GROUNDWATER DEPTH = 13.0 FT. INITIAL, 7.2 FINAL
						WATER SAMPLE GA-16-W COLLECTED.
20						

ATTACHMENT C

LABORATORY DATA REPORTS AND CHAIN-OF-CUSTODY RECORDS

20 April 2007

Jim Gribi
Gribi Associates
1090 Adam Street, Suite K
Benicia, CA 94510

RE: Coast Sausage

Enclosed are the results of analyses for samples received by the laboratory on 04/18/07 09:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Maria Bonifacio
Project Coordinator

SunStar Laboratories, Inc.
3002 Dow Ave, Suite 212
Tustin, CA 92780
1-800-781-6777

Chain of Custody Record

Client: **GRIBI ASSOCIATES**
Address: **1090 ADAMS STREET, SUITE K**
Phone: **(707) 748-7743** Fax: **(707) 748-7763**
Project Manager: **JAMES GRIBI**

Date: 4/16/07 Page: 1 Of 1
Project Name: COAST SAUSAGE
Collector: AARON GARCIA Client Project #: 224-01-03
Batch #: T700515 Proposal #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB (8260B)	EPA 8260 (Full List)	Halogenated VOCs (8260B)		Laboratory ID #	Preservative	Comments	Total # of containers
GA-12-11.0'	4/16/07	9:30	Soil	JAR											X		01			1
GA-12-13.5	4/16/07	9:40	Soil	JAR											X		02			1
GA-12-W	4/16/07	9:45	WATER	VOA											X		03			4
GA-13-11.5	4/16/07	8:45	Soil	JAR											X		04			1
GA-13-15.0	4/16/07	8:50	Soil	JAR											X		05			1
GA-13-W	4/16/07	8:55	WATER	VOA											X		06			3
GA-14-5.0	4/16/07	10:20	Soil	JAR											X		07			1
GA-14-7.5	4/16/07	10:15	Soil	JAR											X		08			1
GA-14-14	4/16/07	10:25	Soil	JAR											X		09			1
GA-14-W	4/16/07	9:35	WATER	VOA											X		10			4
GA-15-3.5	4/16/07	10:50	Soil	JAR											X		11			1
GA-15-7.5	4/16/07	10:55	Soil	JAR											X		12			1
GA-15-13.5	4/16/07	11:00	Soil	JAR											X		13			1
GA-15-W	4/16/07	11:10	WATER	VOA											X		14			4

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
	1:30 4/16/07	Don Chaste	4/17/07 11:25 AM
GSO	4/18/07 0910		
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
			4/18/07 0910

Total # of containers: 20
Chain of Custody seals: Y/N/NA — Y
Seals intact? Y/N/NA — Y
Received good condition/cold — 4.0°C

Notes: STD TAT

Turn around time: _____

Sample disposal Instructions: Disposal @ $2.00 each ___ Return to client ___ Pickup ___

Gribi Associates	Project: Coast Sausage	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/20/07 13:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GA-12-11.0	T700515-01	Soil	04/16/07 09:30	04/18/07 09:10
GA-12-13.5	T700515-02	Soil	04/16/07 09:40	04/18/07 09:10
GA-12-W	T700515-03	Water	04/16/07 09:45	04/18/07 09:10
GA-13-11.5	T700515-04	Soil	04/16/07 08:45	04/18/07 09:10
GA-13-15.0	T700515-05	Soil	04/16/07 08:50	04/18/07 09:10
GA-13-W	T700515-06	Water	04/16/07 08:55	04/18/07 09:10
GA-14-5.0	T700515-07	Soil	04/16/07 10:20	04/18/07 09:10
GA-14-7.5	T700515-08	Soil	04/16/07 10:15	04/18/07 09:10
GA-14-14	T700515-09	Soil	04/16/07 10:25	04/18/07 09:10
GA-14-W	T700515-10	Water	04/16/07 09:35	04/18/07 09:10
GA-15-3.5	T700515-11	Soil	04/16/07 10:50	04/18/07 09:10
GA-15-7.5	T700515-12	Soil	04/16/07 10:55	04/18/07 09:10
GA-15-13.5	T700515-13	Soil	04/16/07 11:00	04/18/07 09:10
GA-15-W	T700515-14	Water	04/16/07 11:10	04/18/07 09:10

Gribi Associates	Project: Coast Sausage	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/20/07 13:35

Halogenated Volatile Compounds (8010 List) by EPA 8260

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-12-11.0 (T700515-01) Soil	**Sampled: 04/16/07 09:30**	**Received: 04/18/07 09:10**							
Bromodichloromethane	ND	4.0	ug/kg	1	7041802	04/18/07	04/18/07	EPA 8260B	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.0	"	"	"	"	"	"	
Chloroethane	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.0	"	"	"	"	"	"	
Chloromethane	ND	4.0	"	"	"	"	"	"	
Dibromochloromethane	ND	4.0	"	"	"	"	"	"	
Dibromomethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
Methylene chloride	ND	4.0	"	"	"	"	"	"	
Styrene	ND	4.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.0	"	"	"	"	"	"	
Tetrachloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.0	"	"	"	"	"	"	
Trichloroethene	ND	4.0	"	"	"	"	"	"	
Vinyl chloride	ND	4.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.0 %*		*81-117*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*		*74-121*	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*		*81-125*	"	"	"	"	

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Maria Bonifacio, Project Coordinator

Gribi Associates	Project: Coast Sausage	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/20/07 13:35

Halogenated Volatile Compounds (8010 List) by EPA 8260

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-12-13.5 (T700515-02) Soil Sampled: 04/16/07 09:40 Received: 04/18/07 09:10									
Bromodichloromethane	ND	4.0	ug/kg	1	7041802	04/18/07	04/18/07	EPA 8260B	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.0	"	"	"	"	"	"	
Chloroethane	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.0	"	"	"	"	"	"	
Chloromethane	ND	4.0	"	"	"	"	"	"	
Dibromochloromethane	ND	4.0	"	"	"	"	"	"	
Dibromomethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
Methylene chloride	ND	4.0	"	"	"	"	"	"	
Styrene	ND	4.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.0	"	"	"	"	"	"	
Tetrachloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.0	"	"	"	"	"	"	
Trichloroethene	ND	4.0	"	"	"	"	"	"	
Vinyl chloride	ND	4.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*81-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*74-121*		"	"	"	"	
Surrogate: Dibromofluoromethane		*94.5 %*	*81-125*		"	"	"	"	

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Maria Bonifacio, Project Coordinator

Gribi Associates	Project: Coast Sausage	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/20/07 13:35

Halogenated Volatile Compounds (8010 List) by EPA 8260

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-12-W (T700515-03) Water	**Sampled: 04/16/07 09:45**	**Received: 04/18/07 09:10**							
Bromodichloromethane	ND	1.0	ug/l	1	7041803	04/18/07	04/18/07	EPA 8260B	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*86-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.8 %*	*86-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*95.5 %*	*78.6-135*		"	"	"	"	

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Maria Bonifacio, Project Coordinator

Gribi Associates	Project: Coast Sausage	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/20/07 13:35

Halogenated Volatile Compounds (8010 List) by EPA 8260

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-13-11.5 (T700515-04) Soil Sampled: 04/16/07 08:45 Received: 04/18/07 09:10									
Bromodichloromethane	ND	4.0	ug/kg	1	7041802	04/18/07	04/18/07	EPA 8260B	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.0	"	"	"	"	"	"	
Chloroethane	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.0	"	"	"	"	"	"	
Chloromethane	ND	4.0	"	"	"	"	"	"	
Dibromochloromethane	ND	4.0	"	"	"	"	"	"	
Dibromomethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
Methylene chloride	ND	4.0	"	"	"	"	"	"	
Styrene	ND	4.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.0	"	"	"	"	"	"	
Tetrachloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.0	"	"	"	"	"	"	
Trichloroethene	ND	4.0	"	"	"	"	"	"	
Vinyl chloride	ND	4.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*81-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.0 %*	*74-121*		"	"	"	"	
Surrogate: Dibromofluoromethane		*95.8 %*	*81-125*		"	"	"	"	

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

Gribi Associates	Project: Coast Sausage	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/20/07 13:35

Halogenated Volatile Compounds (8010 List) by EPA 8260

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-13-15.0 (T700515-05) Soil	**Sampled: 04/16/07 08:50**	**Received: 04/18/07 09:10**							
Bromodichloromethane	ND	4.0	ug/kg	1	7041802	04/18/07	04/18/07	EPA 8260B	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.0	"	"	"	"	"	"	
Chloroethane	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.0	"	"	"	"	"	"	
Chloromethane	ND	4.0	"	"	"	"	"	"	
Dibromochloromethane	ND	4.0	"	"	"	"	"	"	
Dibromomethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
Methylene chloride	ND	4.0	"	"	"	"	"	"	
Styrene	ND	4.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.0	"	"	"	"	"	"	
Tetrachloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.0	"	"	"	"	"	"	
Trichloroethene	ND	4.0	"	"	"	"	"	"	
Vinyl chloride	ND	4.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.5 %*	*81-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.2 %*	*74-121*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99.0 %*	*81-125*		"	"	"	"	

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

Gribi Associates	Project: Coast Sausage	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/20/07 13:35

Halogenated Volatile Compounds (8010 List) by EPA 8260

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-13-W (T700515-06) Water	**Sampled: 04/16/07 08:55**	**Received: 04/18/07 09:10**							
Bromodichloromethane	ND	1.0	ug/l	1	7041803	04/18/07	04/18/07	EPA 8260B	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*94.9 %*	*86-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*86-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99.6 %*	*78.6-135*		"	"	"	"	

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

Gribi Associates	Project: Coast Sausage	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/20/07 13:35

Halogenated Volatile Compounds (8010 List) by EPA 8260

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-14-5.0 (T700515-07) Soil Sampled: 04/16/07 10:20 Received: 04/18/07 09:10									
Bromodichloromethane	ND	4.0	ug/kg	1	7041802	04/18/07	04/18/07	EPA 8260B	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.0	"	"	"	"	"	"	
Chloroethane	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.0	"	"	"	"	"	"	
Chloromethane	ND	4.0	"	"	"	"	"	"	
Dibromochloromethane	ND	4.0	"	"	"	"	"	"	
Dibromomethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
Methylene chloride	ND	4.0	"	"	"	"	"	"	
Styrene	ND	4.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.0	"	"	"	"	"	"	
Tetrachloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.0	"	"	"	"	"	"	
Trichloroethene	ND	4.0	"	"	"	"	"	"	
Vinyl chloride	ND	4.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*81-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.0 %*	*74-121*		"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*	*81-125*		"	"	"	"	

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Maria Bonifacio, Project Coordinator

Gribi Associates	Project: Coast Sausage	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/20/07 13:35

Halogenated Volatile Compounds (8010 List) by EPA 8260

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-14-7.5 (T700515-08) Soil Sampled: 04/16/07 10:15 Received: 04/18/07 09:10									
Bromodichloromethane	ND	4.0	ug/kg	1	7041802	04/18/07	04/18/07	EPA 8260B	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.0	"	"	"	"	"	"	
Chloroethane	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.0	"	"	"	"	"	"	
Chloromethane	ND	4.0	"	"	"	"	"	"	
Dibromochloromethane	ND	4.0	"	"	"	"	"	"	
Dibromomethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
Methylene chloride	ND	4.0	"	"	"	"	"	"	
Styrene	ND	4.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.0	"	"	"	"	"	"	
Tetrachloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.0	"	"	"	"	"	"	
Trichloroethene	ND	4.0	"	"	"	"	"	"	
Vinyl chloride	ND	4.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.5 %*		*81-117*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.5 %*		*74-121*	"	"	"	"	
Surrogate: Dibromofluoromethane		*95.2 %*		*81-125*	"	"	"	"	

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

Gribi Associates	Project: Coast Sausage	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/20/07 13:35

Halogenated Volatile Compounds (8010 List) by EPA 8260

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-14-14 (T700515-09) Soil Sampled: 04/16/07 10:25 Received: 04/18/07 09:10									
Bromodichloromethane	ND	4.0	ug/kg	1	7041802	04/18/07	04/19/07	EPA 8260B	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.0	"	"	"	"	"	"	
Chloroethane	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.0	"	"	"	"	"	"	
Chloromethane	ND	4.0	"	"	"	"	"	"	
Dibromochloromethane	ND	4.0	"	"	"	"	"	"	
Dibromomethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
Methylene chloride	ND	4.0	"	"	"	"	"	"	
Styrene	ND	4.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.0	"	"	"	"	"	"	
Tetrachloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.0	"	"	"	"	"	"	
Trichloroethene	ND	4.0	"	"	"	"	"	"	
Vinyl chloride	ND	4.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.5 %*	*81-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.0 %*	*74-121*		"	"	"	"	
Surrogate: Dibromofluoromethane		*97.8 %*	*81-125*		"	"	"	"	

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Maria Bonifacio, Project Coordinator

Gribi Associates	Project: Coast Sausage	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/20/07 13:35

Halogenated Volatile Compounds (8010 List) by EPA 8260

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-14-W (T700515-10) Water	**Sampled: 04/16/07 09:35**	**Received: 04/18/07 09:10**							
Bromodichloromethane	ND	1.0	ug/l	1	7041803	04/18/07	04/18/07	EPA 8260B	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1.2**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**2.1**	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*86-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*86-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*97.2 %*	*78.6-135*		"	"	"	"	

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Maria Bonifacio, Project Coordinator

Gribi Associates	Project: Coast Sausage	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/20/07 13:35

Halogenated Volatile Compounds (8010 List) by EPA 8260

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-15-3.5 (T700515-11) Soil Sampled: 04/16/07 10:50 Received: 04/18/07 09:10									
Bromodichloromethane	ND	4.0	ug/kg	1	7041802	04/18/07	04/18/07	EPA 8260B	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.0	"	"	"	"	"	"	
Chloroethane	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.0	"	"	"	"	"	"	
Chloromethane	ND	4.0	"	"	"	"	"	"	
Dibromochloromethane	ND	4.0	"	"	"	"	"	"	
Dibromomethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
Methylene chloride	ND	4.0	"	"	"	"	"	"	
Styrene	ND	4.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.0	"	"	"	"	"	"	
Tetrachloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.0	"	"	"	"	"	"	
Trichloroethene	ND	4.0	"	"	"	"	"	"	
Vinyl chloride	ND	4.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*81-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.0 %*	*74-121*		"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*	*81-125*		"	"	"	"	

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Maria Bonifacio, Project Coordinator

Gribi Associates	Project: Coast Sausage	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/20/07 13:35

Halogenated Volatile Compounds (8010 List) by EPA 8260

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-15-7.5 (T700515-12) Soil Sampled: 04/16/07 10:55 Received: 04/18/07 09:10									
Bromodichloromethane	ND	4.0	ug/kg	1	7041802	04/18/07	04/18/07	EPA 8260B	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.0	"	"	"	"	"	"	
Chloroethane	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.0	"	"	"	"	"	"	
Chloromethane	ND	4.0	"	"	"	"	"	"	
Dibromochloromethane	ND	4.0	"	"	"	"	"	"	
Dibromomethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
Methylene chloride	ND	4.0	"	"	"	"	"	"	
Styrene	ND	4.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.0	"	"	"	"	"	"	
Tetrachloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.0	"	"	"	"	"	"	
Trichloroethene	ND	4.0	"	"	"	"	"	"	
Vinyl chloride	ND	4.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*81-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.5 %*	*74-121*		"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*	*81-125*		"	"	"	"	

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Maria Bonifacio, Project Coordinator

Gribi Associates	Project: Coast Sausage	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/20/07 13:35

Halogenated Volatile Compounds (8010 List) by EPA 8260

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-15-13.5 (T700515-13) Soil Sampled: 04/16/07 11:00 Received: 04/18/07 09:10									
Bromodichloromethane	ND	4.0	ug/kg	1	7041802	04/18/07	04/19/07	EPA 8260B	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.0	"	"	"	"	"	"	
Chloroethane	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.0	"	"	"	"	"	"	
Chloromethane	ND	4.0	"	"	"	"	"	"	
Dibromochloromethane	ND	4.0	"	"	"	"	"	"	
Dibromomethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
Methylene chloride	ND	4.0	"	"	"	"	"	"	
Styrene	ND	4.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.0	"	"	"	"	"	"	
Tetrachloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.0	"	"	"	"	"	"	
Trichloroethene	ND	4.0	"	"	"	"	"	"	
Vinyl chloride	ND	4.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.2 %*	*81-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.5 %*	*74-121*		"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*81-125*		"	"	"	"	

Gribi Associates	Project: Coast Sausage	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/20/07 13:35

Halogenated Volatile Compounds (8010 List) by EPA 8260

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-15-W (T700515-14) Water	**Sampled: 04/16/07 11:10**	**Received: 04/18/07 09:10**							
Bromodichloromethane	ND	1.0	ug/l	1	7041803	04/18/07	04/18/07	EPA 8260B	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**5.9**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.1 %*	*86-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*86-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*97.4 %*	*78.6-135*		"	"	"	"	

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Maria Bonifacio, Project Coordinator

Halogenated Volatile Compounds (8010 List) by EPA 8260 - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7041802 - EPA 5030 GCMS										
Blank (7041802-BLK1)				Prepared & Analyzed: 04/18/07						
Bromodichloromethane	ND	4.0	ug/kg							
Bromomethane	ND	4.0	"							
Carbon tetrachloride	ND	4.0	"							
Chlorobenzene	ND	4.0	"							
Chloroethane	ND	4.0	"							
Chloroform	ND	4.0	"							
Chloromethane	ND	4.0	"							
Dibromochloromethane	ND	4.0	"							
Dibromomethane	ND	4.0	"							
1,2-Dichlorobenzene	ND	4.0	"							
1,3-Dichlorobenzene	ND	4.0	"							
1,4-Dichlorobenzene	ND	4.0	"							
1,1-Dichloroethane	ND	4.0	"							
1,2-Dichloroethane	ND	4.0	"							
1,1-Dichloroethene	ND	4.0	"							
cis-1,2-Dichloroethene	ND	4.0	"							
trans-1,2-Dichloroethene	ND	4.0	"							
1,2-Dichloropropane	ND	4.0	"							
cis-1,3-Dichloropropene	ND	4.0	"							
trans-1,3-Dichloropropene	ND	4.0	"							
Methylene chloride	ND	4.0	"							
Styrene	ND	4.0	"							
1,1,2,2-Tetrachloroethane	ND	4.0	"							
Tetrachloroethene	ND	4.0	"							
1,1,2-Trichloroethane	ND	4.0	"							
1,1,1-Trichloroethane	ND	4.0	"							
Trichloroethene	ND	4.0	"							
Vinyl chloride	ND	4.0	"							
Surrogate: Toluene-d8	*39.6*		*"*	*40.0*		*99.0*	*81-117*			
Surrogate: 4-Bromofluorobenzene	*39.4*		*"*	*40.0*		*98.5*	*74-121*			
Surrogate: Dibromofluoromethane	*36.4*		*"*	*40.0*		*91.0*	*81-125*			

Halogenated Volatile Compounds (8010 List) by EPA 8260 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7041802 - EPA 5030 GCMS										
LCS (7041802-BS1)				Prepared & Analyzed: 04/18/07						
Chlorobenzene	99.8	4.0	ug/kg	100		99.8	75-125			
1,1-Dichloroethene	96.0	4.0	"	100		96.0	15-125			
Trichloroethene	99.2	4.0	"	100		99.2	75-125			
Surrogate: Toluene-d8	*40.0*		*"*	*40.0*		*100*	*81-117*			
Surrogate: 4-Bromofluorobenzene	*38.3*		*"*	*40.0*		*95.8*	*74-121*			
Surrogate: Dibromofluoromethane	*35.7*		*"*	*40.0*		*89.2*	*81-125*			
Matrix Spike (7041802-MS1)		**Source: T700515-01**		Prepared: 04/18/07 Analyzed: 04/19/07						
Chlorobenzene	66.0	4.0	ug/kg	100	ND	66.0	75-125			QM-07
1,1-Dichloroethene	63.6	4.0	"	100	ND	63.6	75-125			QM-07
Trichloroethene	66.2	4.0	"	100	ND	66.2	75-125			QM-07
Surrogate: Toluene-d8	*40.1*		*"*	*40.0*		*100*	*81-117*			
Surrogate: 4-Bromofluorobenzene	*38.9*		*"*	*40.0*		*97.2*	*74-121*			
Surrogate: Dibromofluoromethane	*38.1*		*"*	*40.0*		*95.2*	*81-125*			
Matrix Spike Dup (7041802-MSD1)		**Source: T700515-01**		Prepared: 04/18/07 Analyzed: 04/19/07						
Chlorobenzene	82.4	4.0	ug/kg	100	ND	82.4	75-125	22.1	20	QR-02
1,1-Dichloroethene	84.4	4.0	"	100	ND	84.4	75-125	28.1	20	QR-02
Trichloroethene	83.4	4.0	"	100	ND	83.4	75-125	23.0	20	QR-02
Surrogate: Toluene-d8	*39.7*		*"*	*40.0*		*99.2*	*81-117*			
Surrogate: 4-Bromofluorobenzene	*39.3*		*"*	*40.0*		*98.2*	*74-121*			
Surrogate: Dibromofluoromethane	*38.2*		*"*	*40.0*		*95.5*	*81-125*			
Batch 7041803 - EPA 5030 GCMS										
Blank (7041803-BLK1)				Prepared & Analyzed: 04/18/07						
Bromodichloromethane	ND	1.0	ug/l							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Dibromomethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

Halogenated Volatile Compounds (8010 List) by EPA 8260 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7041803 - EPA 5030 GCMS										
Blank (7041803-BLK1)				Prepared & Analyzed: 04/18/07						
1,2-Dichloroethane	ND	0.50	ug/l							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Vinyl chloride	ND	0.50	"							
Surrogate: Toluene-d8	*7.87*		*"*	*8.00*		*98.4*	*86-115*			
Surrogate: 4-Bromofluorobenzene	*7.78*		*"*	*8.00*		*97.2*	*86-115*			
Surrogate: Dibromofluoromethane	*7.00*		*"*	*8.00*		*87.5*	*78.6-135*			
LCS (7041803-BS1)				Prepared & Analyzed: 04/18/07						
Chlorobenzene	18.2	1.0	ug/l	20.0		91.0	75-125			
1,1-Dichloroethene	16.4	1.0	"	20.0		82.0	15-125			
Trichloroethene	16.9	1.0	"	20.0		84.5	75-125			
Surrogate: Toluene-d8	*7.96*		*"*	*8.00*		*99.5*	*86-115*			
Surrogate: 4-Bromofluorobenzene	*7.97*		*"*	*8.00*		*99.6*	*86-115*			
Surrogate: Dibromofluoromethane	*7.72*		*"*	*8.00*		*96.5*	*78.6-135*			
LCS Dup (7041803-BSD1)				Prepared & Analyzed: 04/18/07						
Chlorobenzene	20.3	1.0	ug/l	20.0		102	75-125	10.9	20	
1,1-Dichloroethene	19.8	1.0	"	20.0		99.0	15-125	18.8	20	
Trichloroethene	18.2	1.0	"	20.0		91.0	75-125	7.41	20	
Surrogate: Toluene-d8	*8.04*		*"*	*8.00*		*100*	*86-115*			
Surrogate: 4-Bromofluorobenzene	*8.01*		*"*	*8.00*		*100*	*86-115*			
Surrogate: Dibromofluoromethane	*7.49*		*"*	*8.00*		*93.6*	*78.6-135*			

Notes and Definitions

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery and or RPD was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

20 April 2007

Jim Gribi
Gribi Associates
1090 Adam Street, Suite K
Benicia, CA 94510

RE: Coast Sausage

Enclosed are the results of analyses for samples received by the laboratory on 04/18/07 09:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Maria Bonifacio
Project Coordinator

SunStar Laboratories, Inc.
3002 Dow Ave, Suite 212
Tustin, CA 92780
1-800-781-6777

Chain of Custody Record

Client: **GRIBI ASSOCIATES**
Address: **1090 ADAMS STREET, SUITE K**
Phone: **(707) 748-7743** Fax: **(707) 748-7763**
Project Manager: **JAMES GRIBI**

Date: 4/16/07
Page: 1 Of 1
Project Name: COAST SAVAGE
Collector: AARON GARCIA
Client Project #: 224-01-03
Batch #: 500516
Proposal #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB (8260B)	EPA 8260 (Full List)	Halogenated VOCs (8260B)		Laboratory ID #	Preservative	Comments	Total # of containers
GA-16-4.0	4/16/07	11:25	Soil	Jar											X		01			1
GA-16-13.5	4/16/07	11:35	Soil	Jar											X		02			1
GA-16-W	4/16/07	11:45	Water	VOA											X		03			4

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
	4/16/07 1:30		4/19/07 11:25 AM
GSO	4/18/07 0910		4/18/07 0910
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 6
Chain of Custody seals Y/N/NA: Y
Seals intact? Y/N/NA: Y
Received good condition/cold: 4.0°C

Notes
STD. TAT

Turn around time: _____

Sample disposal Instructions: Disposal @ $2.00 each ___ Return to client ___ Pickup ___

Gribi Associates	Project: Coast Sausage	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/20/07 13:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GA-16-4.0	T700516-01	Soil	04/16/07 11:25	04/18/07 09:10
GA-16-13.5	T700516-02	Soil	04/16/07 11:35	04/18/07 09:10
GA-16-W	T700516-03	Water	04/16/07 11:45	04/18/07 09:10

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Maria Bonifacio, Project Coordinator

Gribi Associates	Project: Coast Sausage	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/20/07 13:47

Halogenated Volatile Compounds (8010 List) by EPA 8260

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-16-4.0 (T700516-01) Soil Sampled: 04/16/07 11:25 Received: 04/18/07 09:10									
Bromodichloromethane	ND	4.0	ug/kg	1	7041802	04/18/07	04/18/07	EPA 8260B	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.0	"	"	"	"	"	"	
Chloroethane	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.0	"	"	"	"	"	"	
Chloromethane	ND	4.0	"	"	"	"	"	"	
Dibromochloromethane	ND	4.0	"	"	"	"	"	"	
Dibromomethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**5.6**	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
Methylene chloride	ND	4.0	"	"	"	"	"	"	
Styrene	ND	4.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.0	"	"	"	"	"	"	
Tetrachloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.0	"	"	"	"	"	"	
Trichloroethene	ND	4.0	"	"	"	"	"	"	
Vinyl chloride	ND	4.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*100 %*		*81-117*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.5 %*		*74-121*	"	"	"	"	
Surrogate: Dibromofluoromethane		*96.0 %*		*81-125*	"	"	"	"	

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Maria Bonifacio, Project Coordinator

Gribi Associates	Project: Coast Sausage	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/20/07 13:47

Halogenated Volatile Compounds (8010 List) by EPA 8260

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-16-13.5 (T700516-02) Soil Sampled: 04/16/07 11:35 Received: 04/18/07 09:10									
Bromodichloromethane	ND	4.0	ug/kg	1	7041802	04/18/07	04/19/07	EPA 8260B	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.0	"	"	"	"	"	"	
Chloroethane	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.0	"	"	"	"	"	"	
Chloromethane	ND	4.0	"	"	"	"	"	"	
Dibromochloromethane	ND	4.0	"	"	"	"	"	"	
Dibromomethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.0	"	"	"	"	"	"	
Methylene chloride	ND	4.0	"	"	"	"	"	"	
Styrene	ND	4.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.0	"	"	"	"	"	"	
Tetrachloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.0	"	"	"	"	"	"	
Trichloroethene	ND	4.0	"	"	"	"	"	"	
Vinyl chloride	ND	4.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.8 %*	*81-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.0 %*	*74-121*		"	"	"	"	
Surrogate: Dibromofluoromethane		*98.0 %*	*81-125*		"	"	"	"	

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Maria Bonifacio, Project Coordinator

Gribi Associates	Project: Coast Sausage	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/20/07 13:47

Halogenated Volatile Compounds (8010 List) by EPA 8260

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-16-W (T700516-03) Water	**Sampled: 04/16/07 11:45**	**Received: 04/18/07 09:10**							
Bromodichloromethane	ND	1.0	ug/l	1	7041803	04/18/07	04/18/07	EPA 8260B	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1.9**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.9 %*	*86-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.8 %*	*86-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*	*78.6-135*		"	"	"	"	

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

Halogenated Volatile Compounds (8010 List) by EPA 8260 - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7041802 - EPA 5030 GCMS										
Blank (7041802-BLK1)				Prepared & Analyzed: 04/18/07						
Bromodichloromethane	ND	4.0	ug/kg							
Bromomethane	ND	4.0	"							
Carbon tetrachloride	ND	4.0	"							
Chlorobenzene	ND	4.0	"							
Chloroethane	ND	4.0	"							
Chloroform	ND	4.0	"							
Chloromethane	ND	4.0	"							
Dibromochloromethane	ND	4.0	"							
Dibromomethane	ND	4.0	"							
1,2-Dichlorobenzene	ND	4.0	"							
1,3-Dichlorobenzene	ND	4.0	"							
1,4-Dichlorobenzene	ND	4.0	"							
1,1-Dichloroethane	ND	4.0	"							
1,2-Dichloroethane	ND	4.0	"							
1,1-Dichloroethene	ND	4.0	"							
cis-1,2-Dichloroethene	ND	4.0	"							
trans-1,2-Dichloroethene	ND	4.0	"							
1,2-Dichloropropane	ND	4.0	"							
cis-1,3-Dichloropropene	ND	4.0	"							
trans-1,3-Dichloropropene	ND	4.0	"							
Methylene chloride	ND	4.0	"							
Styrene	ND	4.0	"							
1,1,2,2-Tetrachloroethane	ND	4.0	"							
Tetrachloroethene	ND	4.0	"							
1,1,2-Trichloroethane	ND	4.0	"							
1,1,1-Trichloroethane	ND	4.0	"							
Trichloroethene	ND	4.0	"							
Vinyl chloride	ND	4.0	"							
Surrogate: Toluene-d8	*39.6*		*"*	*40.0*		*99.0*	*81-117*			
Surrogate: 4-Bromofluorobenzene	*39.4*		*"*	*40.0*		*98.5*	*74-121*			
Surrogate: Dibromofluoromethane	*36.4*		*"*	*40.0*		*91.0*	*81-125*			

Halogenated Volatile Compounds (8010 List) by EPA 8260 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7041802 - EPA 5030 GCMS										
LCS (7041802-BS1)				Prepared & Analyzed: 04/18/07						
Chlorobenzene	99.8	4.0	ug/kg	100		99.8	75-125			
1,1-Dichloroethene	96.0	4.0	"	100		96.0	15-125			
Trichloroethene	99.2	4.0	"	100		99.2	75-125			
Surrogate: Toluene-d8	*40.0*		*"*	*40.0*		*100*	*81-117*			
Surrogate: 4-Bromofluorobenzene	*38.3*		*"*	*40.0*		*95.8*	*74-121*			
Surrogate: Dibromofluoromethane	*35.7*		*"*	*40.0*		*89.2*	*81-125*			
Matrix Spike (7041802-MS1)		**Source: T700515-01**		Prepared: 04/18/07 Analyzed: 04/19/07						
Chlorobenzene	66.0	4.0	ug/kg	100	ND	66.0	75-125			QM-07
1,1-Dichloroethene	63.6	4.0	"	100	ND	63.6	75-125			QM-07
Trichloroethene	66.2	4.0	"	100	ND	66.2	75-125			QM-07
Surrogate: Toluene-d8	*40.1*		*"*	*40.0*		*100*	*81-117*			
Surrogate: 4-Bromofluorobenzene	*38.9*		*"*	*40.0*		*97.2*	*74-121*			
Surrogate: Dibromofluoromethane	*38.1*		*"*	*40.0*		*95.2*	*81-125*			
Matrix Spike Dup (7041802-MSD1)		**Source: T700515-01**		Prepared: 04/18/07 Analyzed: 04/19/07						
Chlorobenzene	82.4	4.0	ug/kg	100	ND	82.4	75-125	22.1	20	QR-02
1,1-Dichloroethene	84.4	4.0	"	100	ND	84.4	75-125	28.1	20	QR-02
Trichloroethene	83.4	4.0	"	100	ND	83.4	75-125	23.0	20	QR-02
Surrogate: Toluene-d8	*39.7*		*"*	*40.0*		*99.2*	*81-117*			
Surrogate: 4-Bromofluorobenzene	*39.3*		*"*	*40.0*		*98.2*	*74-121*			
Surrogate: Dibromofluoromethane	*38.2*		*"*	*40.0*		*95.5*	*81-125*			
Batch 7041803 - EPA 5030 GCMS										
Blank (7041803-BLK1)				Prepared & Analyzed: 04/18/07						
Bromodichloromethane	ND	1.0	ug/l							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Dibromomethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Maria Bonifacio, Project Coordinator

Halogenated Volatile Compounds (8010 List) by EPA 8260 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7041803 - EPA 5030 GCMS										
Blank (7041803-BLK1)				Prepared & Analyzed: 04/18/07						
1,2-Dichloroethane	ND	0.50	ug/l							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Vinyl chloride	ND	0.50	"							
Surrogate: Toluene-d8	*7.87*		*"*	*8.00*		*98.4*	*86-115*			
Surrogate: 4-Bromofluorobenzene	*7.78*		*"*	*8.00*		*97.2*	*86-115*			
Surrogate: Dibromofluoromethane	*7.00*		*"*	*8.00*		*87.5*	*78.6-135*			
LCS (7041803-BS1)				Prepared & Analyzed: 04/18/07						
Chlorobenzene	18.2	1.0	ug/l	20.0		91.0	75-125			
1,1-Dichloroethene	16.4	1.0	"	20.0		82.0	15-125			
Trichloroethene	16.9	1.0	"	20.0		84.5	75-125			
Surrogate: Toluene-d8	*7.96*		*"*	*8.00*		*99.5*	*86-115*			
Surrogate: 4-Bromofluorobenzene	*7.97*		*"*	*8.00*		*99.6*	*86-115*			
Surrogate: Dibromofluoromethane	*7.72*		*"*	*8.00*		*96.5*	*78.6-135*			
LCS Dup (7041803-BSD1)				Prepared & Analyzed: 04/18/07						
Chlorobenzene	20.3	1.0	ug/l	20.0		102	75-125	10.9	20	
1,1-Dichloroethene	19.8	1.0	"	20.0		99.0	15-125	18.8	20	
Trichloroethene	18.2	1.0	"	20.0		91.0	75-125	7.41	20	
Surrogate: Toluene-d8	*8.04*		*"*	*8.00*		*100*	*86-115*			
Surrogate: 4-Bromofluorobenzene	*8.01*		*"*	*8.00*		*100*	*86-115*			
Surrogate: Dibromofluoromethane	*7.49*		*"*	*8.00*		*93.6*	*78.6-135*			

Notes and Definitions

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery and or RPD was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference