

Garcia-La Grille, Roseanna, Env. Health

From: Bob Lauritzen [blauritzen@grinc.com]
Sent: Thursday, December 30, 2004 9:02 AM
To: Garcia-La Grille, Roseanna, Env. Health
Subject: Schweickert - Phase I Results



Schweickert
naylor and Sit.

Roseanna,

Attached are the results of the first phase of our investigation at the Schweickert residence for your review. As you can see detectable concentrations of TPH-D were found in soil samples at the bottom of each boring we drilled. This depth of 65 to 70 feet is the maximum depth that the Geoprobe equipment can reach in this area. Water samples were collected from 40 to 45 feet from each of these borings. At this time, we recommend completing our proposed scope of work by continuing to drill and sample to 65 or 70 feet unless directed otherwise by the Alameda County Environmental Health Department. We are scheduled to start the second phase of work on 1/13/05 so a quick response would be appreciated.

Thanks,

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Senior Geologist
Gettler-Ryan Inc.
3140 Gold Camp Dr. #170
Rancho Cordova, CA 95670*

*916-631-1300 x18(o)
916-631-1317 (f)
916-240-4626 (c)*

Table 1 - Soil and Groundwater Chemical Analytical Results

Marie Schweickert Property
515 South Livermore Ave.
Livermore, California

Sample ID	Sample Depth (ft)	Sample Date	TPHd (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)	MtBE (ppm)	TBA (ppm)	O&G (ppm)
Historical Soil Data										
TP-1(5)	5.0	7/29/2003	36	<0.0050	<0.0050	<0.0050	<0.0050	---	---	<0.0050
Comp-1(A,B,C,D)	---	7/29/2003	29	<0.0050	<0.0050	<0.0050	<0.0050	---	---	<0.0050
B1-10.0	10.0	11/21/2003	65/61*	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
B1-20.0	20.0	11/21/2003	35/31*	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
B1-30.0	30.0	11/21/2003	1,900/2,000*	<0.0050	<0.0050	<0.0050	0.015	<0.0050	<0.010	---
B1-40.0	40.0	11/21/2003	350/330*	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
Soil Boring PZ-1										
PZ1-50	50	12/2/2004	1.0	---	---	---	---	---	---	---
PZ1-60	60	12/2/2004	320	---	---	---	---	---	---	---
PZ1-70	70	12/2/2004	7.0/7.0*	---	---	---	---	---	---	---
Soil Boring B-2										
B2-5	5.0	12/2/2004	2.2 ¹	---	---	---	---	---	---	---
B2-10	10	12/2/2004	3.6 ¹	---	---	---	---	---	---	---
B2-20	20	12/2/2004	2.3 ¹	---	---	---	---	---	---	---
B2-30	30	12/2/2004	74	---	---	---	---	---	---	---
B2-40	40	12/3/2004	1.4 ¹	---	---	---	---	---	---	---
B2-50	50	12/3/2004	<1.0	---	---	---	---	---	---	---
B2-60	60	12/3/2004	60	---	---	---	---	---	---	---
B2-70	70	12/3/2004	11/12*	---	---	---	---	---	---	---

Table 1 - Soil and Groundwater Chemical Analytical Results

Marie Schweickert Property
515 South Livermore Ave.
Livermore, California

Sample ID	Sample Depth (ft)	Sample Date	TPHd (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)	MtBE (ppm)	TBA (ppm)	O&G (ppm)
Soil Boring B-3										
B3-5	5.0	12/17/2004	2.9 ¹	----	----	----	----	----	----	----
B3-10	10	12/17/2004	2.3 ¹	----	----	----	----	----	----	----
B3-20	20	12/17/2004	3.9	----	----	----	----	----	----	----
B3-30	30	12/17/2004	2.1 ¹	----	----	----	----	----	----	----
B3-40	40	12/17/2004	3.5 ¹	----	----	----	----	----	----	----
B3-50	50	12/17/2004	3.4	----	----	----	----	----	----	----
B3-60	60	12/17/2004	14	----	----	----	----	----	----	----
B3-65	65	12/17/2004	81	----	----	----	----	----	----	----
Sample ID	Screen Interval (ft)	Sample Date	TPHd (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)	MtBE (ppb)	TBA (ppb)	
Historical Groundwater Data										
B-1	45-50	11/21/2003	100,000*	<0.50	<0.0050	<0.0050	3.1	<0.50	<5.0	
Groundwater Data										
PZ-1	40-45	12/2/2004	10,000	----	----	----	----	----	----	
B-2	40-45	12/3/2004	7,100	----	----	----	----	----	----	
B-3	40-45	12/17/2004	370	----	----	----	----	----	----	

Explanation:

TPHd = Total Petroleum Hydrocarbons as diesel

BTEX = Benzene, toluene, ethylbenzene, xylenes

MtBE = Methyl tert-butyl ether

TBA = tert-Butyl alcohol

ppm = parts per million

ppb = parts per billion

--- = not analyzed

* = TPHd (silica gel)

¹ Hydrocarbons reported as TPHd in this sample do not exhibit a typical diesel chromatographic pattern.

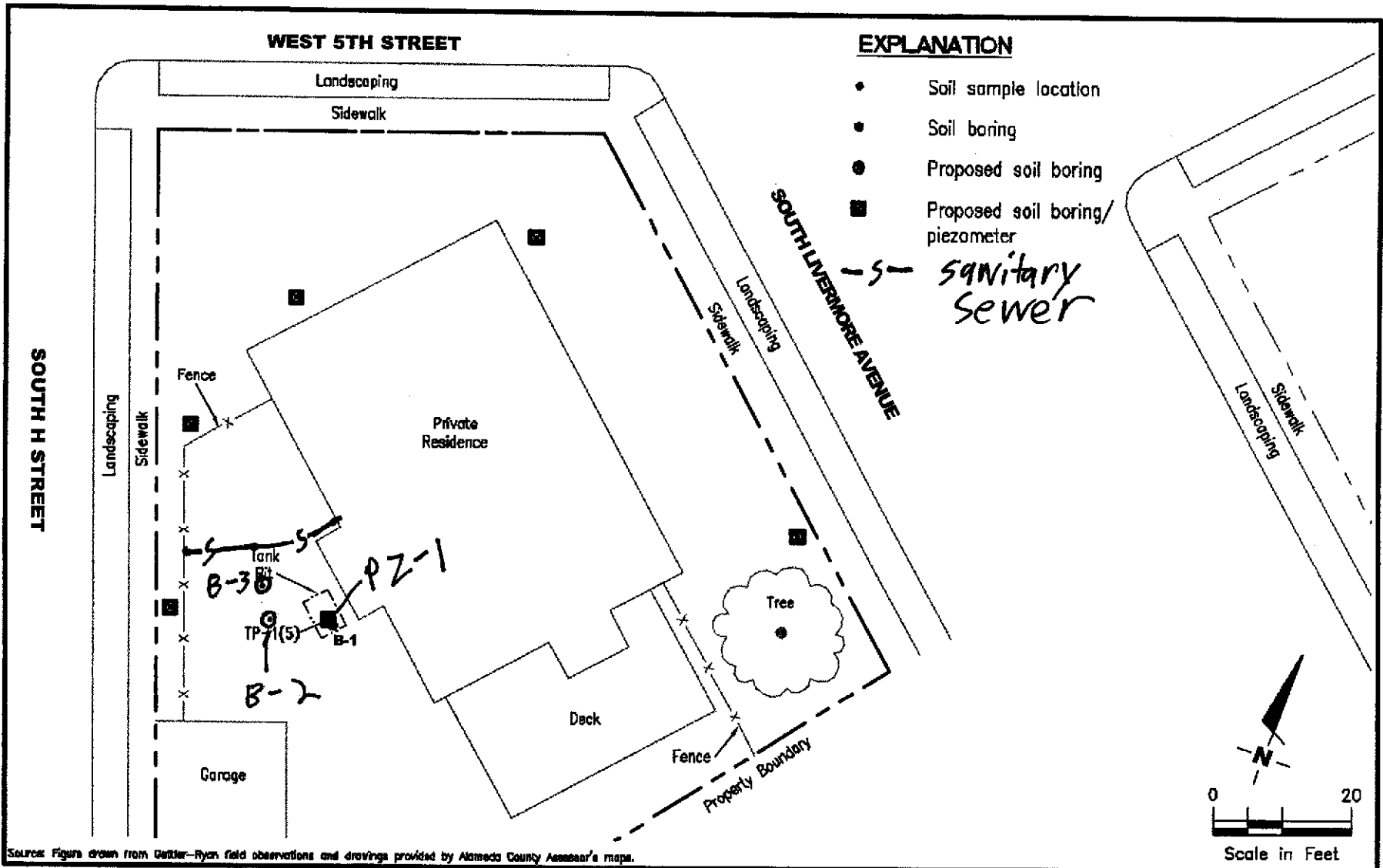
Analytical Methods:

TPHd by EPA Method 8015

BTEX, MtBE and TBA by EPA Method 8260B

Analytical Laboratory:

Kiff Analytical (ELAP # 2236)



Source: Figures drawn from Gettler-Ryan field observations and drawings provided by Alameda County Assessor's maps.

GETTLER - RYAN INC.
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 Dublin, CA 94588 (925) 551-7555

SITE PLAN
 Marie Schweickert Property
 515 South Livermore Avenue
 Livermore, California

FIGURE
2

PROJECT NUMBER 948209.3 REVIEWED BY DATE 11/04 REVISED DATE

FILE NAME: P:\Enviro\Marie Schweickert Property\ADS-MARIE SCHWEICKERT.DWG | Layout Tab: Work Plan 11-04