PHONE (925) 284-4208
FAX (925) 284-4189
EMAIL:
johnrsutton@mindspring.com

THE SUTTON GROUP
SOILS, FOUNDATIONS, DRAINAGE, SLOPES, CONTAINMENTS
CIVIL, GEOTECHNICAL AND ENVIRONMENTAL ENGINEERING

3708 Mount Diablo Blvd
Suite 215
Lafayette, CA, 94549

August 6, 2006

Mr. Michael Cortez
Oro Loma Sanitary District
2600 Grant Avenue
San Lorenzo, 94580

Results of 15th Quarterly Round of Sampling of Ground Water Monitoring Wells
Site of the Former Gasoline Tank
2600 Grant Ave., San Lorenzo, CA
OLSD PO No. 4911, LOP Site No. RO0000288 ST ID 1996

Dear Mr. Cortez:

We attach results for the most recent round of quarterly sampling of the ground water monitoring wells in the area of the former gasoline tank, conducted on July 19, 2006. This is the 16th quarterly sampling of wells in the gasoline tank area.

This work has been performed in accordance with the Work Plan that was approved by Alameda County Health Care Agency's Environmental Protection Division (ACEP) in their letter dated April 18, 2003, as amended.

Figure 1 is a plan of the District's facilities at the foot of Grant Avenue in San Lorenzo. It shows the relative locations of the former gasoline and diesel tanks to the sewage treatment plant and the District's offices.

Groundwater Monitoring

Review of groundwater level measurements around the former gasoline tank site indicates a fall of ground water elevation typical of summer conditions. Table 1 is a cumulative tabulation of groundwater data. Figure 2 shows the gradient direction as calculated on Figure 2A.

Sampling Results

Gasoline Tank Area

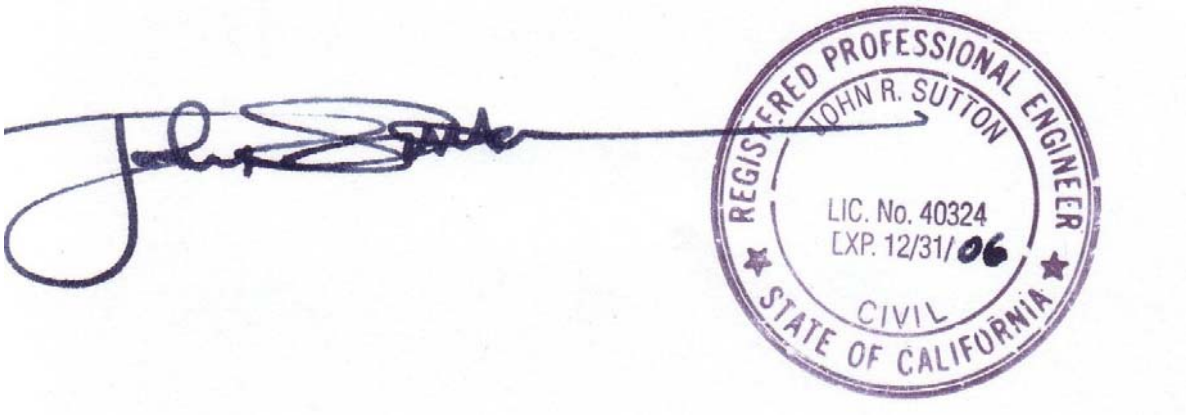
On July 19, 2006, water samples were collected from the three onsite wells and two wells in Grant Avenue in accordance with the approved work plan. The samples were collected by bailing.

All five wells were sounded and then sampled. Each sample was analyzed for gasoline, BTEX and MTBE. Table 2 is a summary of the results of the current round

of analytical results for hydrocarbons. Table 2A is a compilation of all test results for gasoline-related hydrocarbon constituents in the gasoline tank area since well sampling began in 1999. Laboratory certificates and field sampling logs are attached.

We appreciate the opportunity to be of continued service to The District. Please call me if you have questions or if I can assist you in any other way.

Yours truly,
THE SUTTON GROUP



John R. Sutton, PE

Attachments:

Figure 1	Site Plan
Figure 2	Well Location Plan, Former Gasoline Tank Area
Figure 2A	Gradient calculation sheet
Table 1	Ground Water Elevations, Former Gasoline Tank Area
Table 2	Summary of Current Water Sample Analyses for Gasoline and constituents, Former Gasoline Tank Area
Table 2A	Cumulative Summary of Water Sample Analyses, Gas Tank Area

Analytical Laboratory Reports (McCampbell)
Field sampling Reports (Blaine Tech)

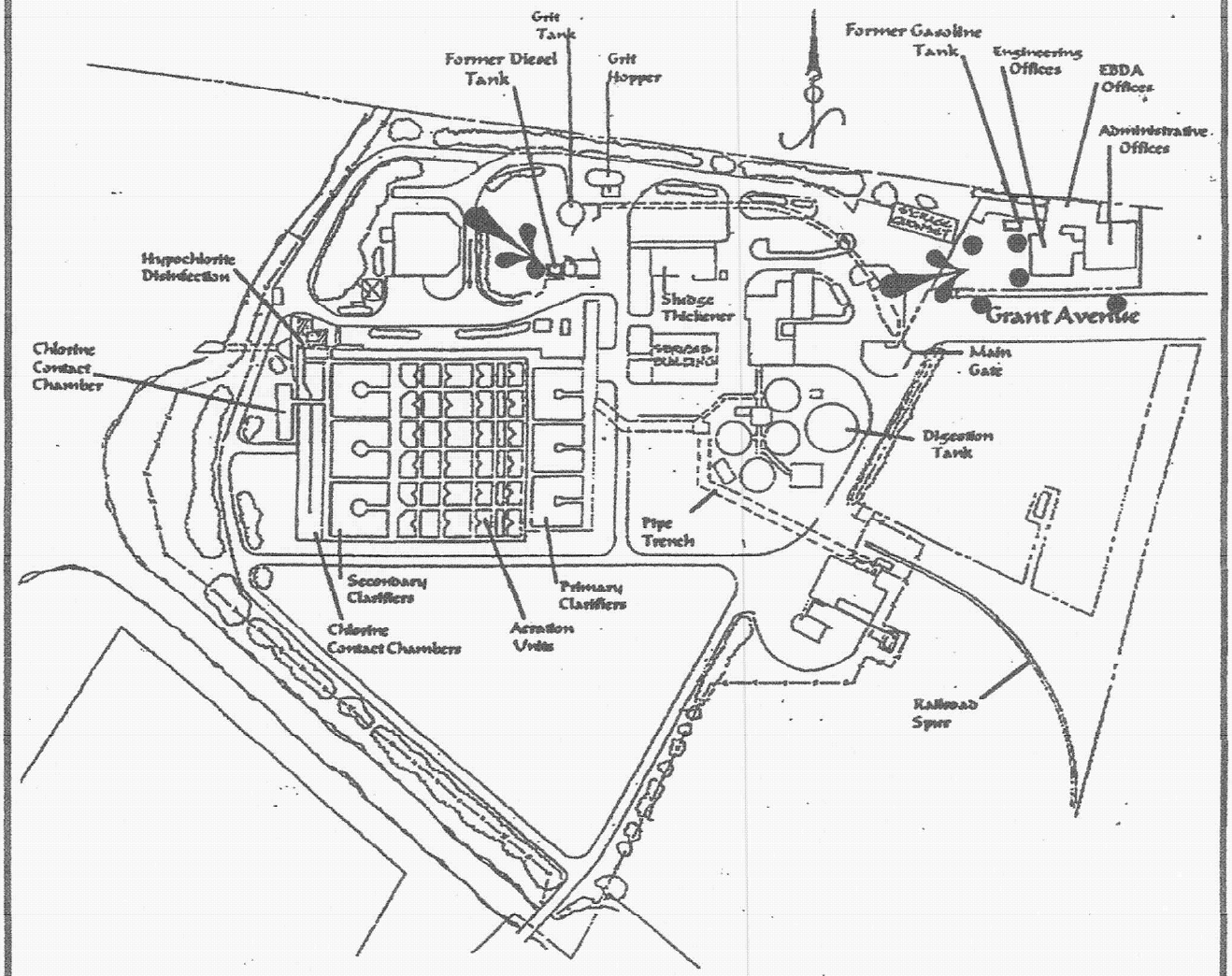
Copy uploaded to Geotracker

Copy uploaded to Alameda Co web site.

Copy sent by email to Mr. Steven Plunkett at Alameda County Health Dept.

Copy sent by email to Mr. Ken Ross

Copy sent by email to Mr. Tim Becker

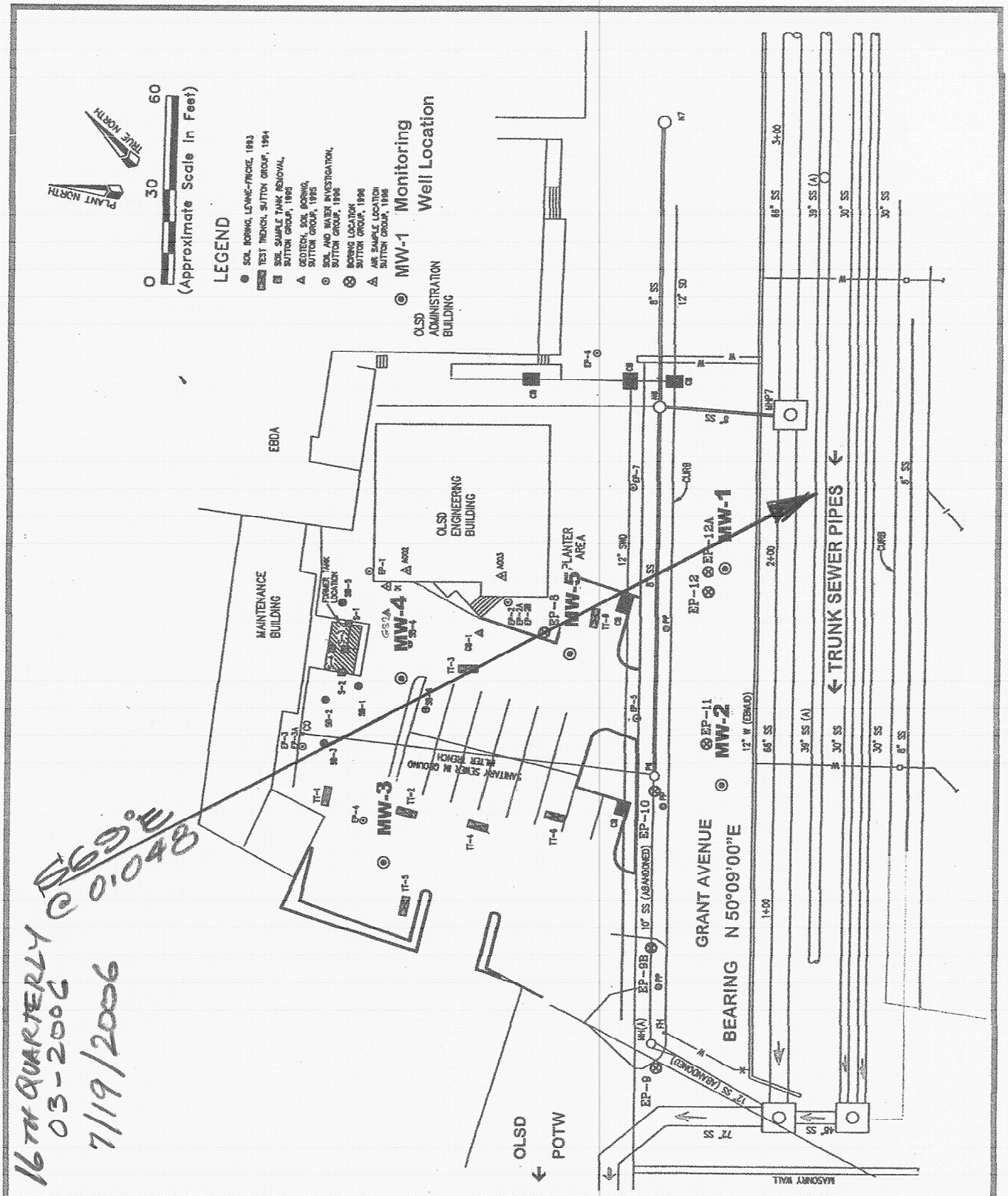


SITE PLAN

● Monitoring Well Location

SCALE 1 IN. TO 250 FEET, APPROX

THE SUTTON GROUP. 3708 Mount Diablo Blvd, Ste 215 Lafayette, CA, 94549 925 284-4208	**SITE PLAN** **ORO LOMA SANITARY DISTRICT** **San Lorenzo, California**	PROJECT No3022.10 **FIGURE 1** 5/21/03



THE SUTTON GROUP
Engineering and Environmental Services
3708 Mount Diablo Blvd, Suite 215
Lafayette, California, 94549
Phone: (925).284-4208
Fax: (925).284-4189

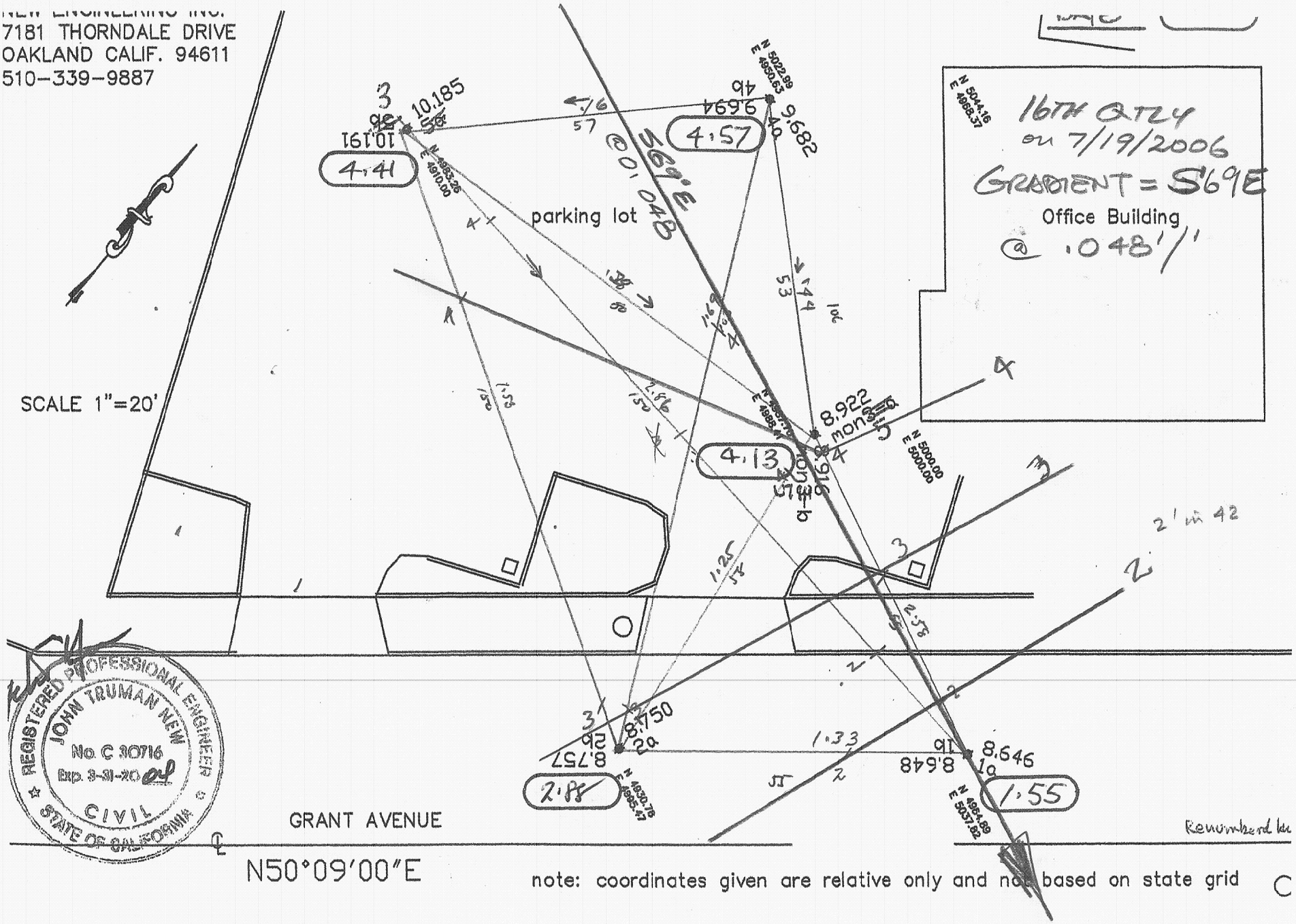
WELL LOCATION PLAN
SERVICE CENTER AREA
ORO LOMA SANITARY DISTRICT
2600 GRANT AVENUE,
SAN LORENZO, CA

PROJECT No. 3022.10

FIGURE 2

8/2/03

NEW ENGINEERING INC.
7181 THORNDALE DRIVE
OAKLAND CALIF. 94611
510-339-9887



note: coordinates given are relative only and not based on state grid

ORO LOMA SANITARY DISTRICT

2600 GRANT AVENUE

SAN LORENZO, CA

• monitoring wells (typical of 5)

note: two elevations are given at each well rim.

TABLE 1
GROUND WATER ELEVATIONS
All measurements are in feet

Monitoring Well ID	**MW 1**	**MW 2**	**MW 3**	**MW 4**	**MW 5**	***Estimated Net***	
Well Cover Rim Elevn*	**8.65**	8.75	10.19	9.68	8.92	***Flow Direction***	***Gradient ft/ft***
Groundwater Elevation							
Initial Sampling 10/21/02	1.72	2.04	3.21	3.58	2.84	S21°E	0.016
2nd Quarterly 1/28/03	2.23	2.65	4.94	5.35	4.42	S23°E	0.033
3rd Quarterly, 4/28/03	Not Measured	3.18	Not Measured	5.80	5.20	S22½°W	0.042
4th Quarterly, 7/25/03	0.45	2.35	3.44	3.58	3.52	S18°W	0.027
5th Quarterly, 10/30/03	1.82	2.75	3.61	4.18	4.09	S26°E	0.014
6th Quarterly, 1/23/04	2.20	3.27	5.27	5.47	5.17	S35°E	0.053
7th Quarterly, 4/27/2004	2.35	3.55	4.99	5.08	4.92	S17°E	0.017
8th Quarterly, 7/29/2004	1.55	2.43	3.77	4.11	4.14	S52°W	0.006
9th Quarterly, 10/28/2004	-0.08	0.98	4.17	4.50	4.69	S63°E	0.087
Special Sampling, 12/8/2004	-0.74	-0.83	Not Meas.	Not Meas.	Not Meas.	Not Meas.	Not Meas.
10th Quarterly, 1/24/2005	0.79	2.75	5.64	5.83	4.74	S27°E	0.03
11th Quarterly,4/28/2005	1.37	3.02	5.15	5.19	4.52	S40°E	0.023
12th Quarterly,7/19/2005	1.18	2.37	4.31	4.48	4.32	S59°E	0.063
13th Quarterly10/26/2005	0.79	1.72	3.69	4.10	4.20	S64°E	0.065
14th Quarterly1/30/2006	1.72	3.17	4.85	4.92	4.24	S73°E	0.05
15th Quarterly4/18/2006	2.17	3.44	5.94	5.09	4.25	S78°E	0.025
Current (16th) reading on 7/19/2006							
Groundwater Depth	7.10	5.87	5.78	5.11	4.79		
Groundwater Elevation	**1.55**	**2.88**	**4.41**	**4.57**	**4.13**	**S69E**	**0.048**
Change Since4/18/2006	-0.62	-0.56	-1.53	-0.52	-0.12		
Change since same Qtr, last year	0.18	-0.14	-0.74	-0.62	-0.39		

***** Basis of elevations, Alameda County bench mark "Grant–Phil" at intersection of Grant Avenue and Phil Drive.
Bench Mark Elevation = 2.175 meters, msl = 7.136 feet.

TABLE 2

LOP Site No. RO0000288

SUMMARY OF GROUND WATER SAMPLE ANALYS

total petroleum hydrocarbons as gasoline, btex and mtb

EPA METHOD 8015Cm /8021

results in µg/l (ppb)

Sample Location	*Sample Date*	*Gasoline*	*Benzene*	*Toluene*	*Ethyl Benzene*	*Xylenes (total)*
MW-1	*7/19/2006*	*nd*	*nd*	*nd*	*nd*	*nd*
MW-2	*7/19/2006*	*nd*	*nd*	*nd*	*nd*	*nd*
MW-3	*7/19/2006*	*140*	*61*	*1*	*ND*	*4*
MW-4	*7/19/2006*	*71,000*	*10,000*	*520*	*4,900*	*13,000*
MW-5	*7/19/2006*	*49,000*	*16,000*	*460*	*ND<50*	*7,700*
Trip Blank	*7/19/2006*	*nd*	*nd*	*nd*	*nd*	*nd*
Limits for DF=1		50	0.5	0.5	0.5	0.5

NOTES:

nd	Analyte not detected at stated reporting limit
n/a	Not analyzed

SES
pe

MTBE	*Dilution Factor*
nd	1
nd	1
44	1
nd<500	100
nd < 500	100
nd	1
5	

TABLE 2A
LOP Site No. RO0000288

CUMULATIVE SUMMARY OF GROUND WATER SAMPLE ANALYSES

FORMER GASOLINE TANK AREA

total petroleum hydrocarbons as gasoline and mbtex

results in µg/l (ppb)

Sample Location	*Sample Date*	*Gasoline*	*Benzene*	*Toluene*	*Ethyl Benzene*	*Xylenes (total)*	*MTBE*
MW-1	2/19/1999	nd	nd	nd	nd	nd	nd
	5/10/1999	nd	nd	nd	nd	nd	nd
	8/30/1999	n/a	nd	nd	nd	nd	nd
	11/23/1999	nd	nd	nd	nd	nd	nd
dup	11/23/1999	nd	nd	nd	nd	nd	nd
	7/25/2003	nd	nd	nd	nd	nd	nd
	10/30/2003	n/a	n/a	n/a	n/a	n/a	n/a
	1/23/2004	nd	nd	nd	nd	nd	nd
	4/27/2004	n/a	n/a	n/a	n/a	n/a	n/a
	7/29/2004	nd	nd	nd	nd	nd	nd
MP	10/28/2004	N A	N A	N A	N A	N A	N A
	12/8/2004	nd	nd	nd	nd	nd	nd
MP	1/24/2005	nd	nd	nd	nd	nd	nd
	4/28/2005	N A	N A	N A	N A	N A	N A
	7/19/2005	nd	nd	nd	nd	nd	nd
	10/6/2005	N/A	N/A	N/A	N/A	N/A	N/A
	1/30/2006	ND	ND	ND	ND	ND	ND
	4/18/2006	N/A	N/A	N/A	N/A	N/A	N/A
	7/19/2006	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
MW-2	2/19/1999	nd	nd	nd	nd	nd	nd
	5/10/1999	nd	nd	nd	nd	nd	nd
	8/30/1999	n/a	nd	nd	nd	nd	nd
	11/23/1999	nd	nd	nd	nd	nd	nd
	7/25/2003	nd	nd	nd	nd	nd	< 1
	10/30/2003	n/a					
	1/23/2004	nd	nd	nd	nd	nd	nd
	4/27/2004	n/a	n/a	n/a	n/a	n/a	n/a
	7/29/2004	nd	nd	nd	nd	nd	nd
MP	10/28/2004	ND	ND	ND	ND	ND	ND
	12/8/2004	ND	ND	ND	ND	ND	1.5
MP	1/24/2005	ND	ND	ND	ND	ND	9
	4/28/2005	n a	n a	n a	n a	n a	n a
	7/19/2005	nd	nd	nd	nd	nd	nd
	10/6/2005	N/A	N/A	N/A	N/A	N/A	N/A

	1/30/2006	ND	ND	ND	ND	ND	ND	
	4/18/2006	N/A	N/A	N/A	N/A	N/A	N/A	
	7/19/2006	ND	ND	ND	ND	ND	ND	
MW-3	2/19/1999	nd	nd	nd	nd	nd	1.5	*1
dup	2/19/1999	nd	nd	nd	nd	nd	n/a	
	5/10/1999	nd	nd	nd	nd	nd	1.5	*2
	8/30/1999	n/a	nd	nd	nd	nd	nd	
	11/23/1999	nd	nd	[.69]*	[.58]*	[1.3]*	nd	*3
	1/6/2000	nd	nd	nd	nd	nd	3.14	*4
Dup	1/6/2000	nd	nd	nd	nd	nd	2.64	*4
Trip Blank	2/10-22/99	ND	ND	ND	ND	ND	N/A	
	5/8-20/99	n/a	n/a	n/a	n/a	n/a	n/a	
	8/27-31/99	n/a	n/a	n/a	n/a	n/a	n/a	
	7/25/2003	nd	nd	nd	nd	nd	1.1	
	10/30/2003	n/a	n/a	n/a	n/a	n/a	n/a	
	1/23/2004	n/a	n/a	n/a	n/a	n/a	n/a	
	4/27/2004	n/a	n/a	n/a	n/a	n/a	n/a	
	7/29/2004	ND	6.4	ND	ND	ND	8.8	
MP	10/28/2004	390	170	0.7	nd	2.4	57	
	12/8/2004	N/A	N/A	N/A	N/A	N/A	N/A	
MP	1/24/2005	520	260	0.53	nd	1.9	89	
	4/28/2005	220	110	ND	ND	0.63	54	
	7/19/2005	760	370	0.68	ND	2.6	92	
	10/6/2005	190	71	ND	ND	ND	49	
	1/30/2006	300	130	0.74	ND	2.5	71	
	4/18/2006	380	190	1	nd	4	66	
	7/19/2006	140	61	ND	0.57	0.89	44	
MW-4	10/21/2002	n/a	5,800	6,200	3,500	18,000	140	
	1/28/2003	n/a	7,200	3,500	2,700	15,000	130	
	4/28/2003	n/a	5,700	850	ND<120	10,000	200	
	7/25/2003	97,000	11,000	8,400	4,900	24,000	nd<250	
	10/30/2003	77,000	12,000	9,300	3,200	16,000	nd < 200	
	1/23/2004	100,000	16,000	10,000	1,100	19,000	nd < 1,200	
	4/27/2004	78,000	13,000	7,800	3,200	17,000	nd < 1,000	
	7/29/2004	46,000	8,300	2,100	2,000	7,900	nd<500	
MP	10/28/2004	80,000	15,000	7,100	3,500	14,000	ND<1,000	
	12/8/2004	n/a	N/A	N/A	N/A	N/A	n/a	
MP	1/24/2005	70	9,900	850	2,500	11,000	ND<1,000	
	4/28/2005	79,000	9,400	690	4000	16,000	nd<900	
	7/19/2005	35,000	7,500	92	1,900	3,900	nd<500	
	10/6/2005	65,000	12,000	2,100	3,200	11,000	ND<500	
	1/30/2006	45,000	9,800	380	2,400	6,500	nd<130	
	4/18/2006	58,000	7,100	420	3,900	13,000	nd < 500	
	7/19/2006	**71,000**	**10,000**	**520**	**4,900**	**18,000**	**ND<500**	

MW-5	10/21/2002	65,000	12,000*	20,000*	1,600*	7,100*	ND<100
	1/28/2003	n/a	9,100	6,600	720	4,000	ND<100
	4/28/2003	n/a	12,000	8,300	ND<250	2,100	ND<250
	7/25/2003	62,000	13,000	14,000	1,300	5,200	nd<250
	10/30/2003	33,000	7,500	2,200	490	1,600	nd < 100
	1/23/2004	97,000	18,000	20,000	ND<120	7,900	nd < 1,200
	4/27/2004	39,000	12,000	11,000	920	4,300	nd < 1,000
	7/29/2004	47,000	11,000	5,500	690	2,800	nd < 1,000
MP	10/28/2004	130,000	23,000	25,000	2,000	9,700	ND<
	12/8/2004	n/a	n/a	N/A	N/A	N/A	N/A
MP	1/24/2005	150,000	22,000	25,000	2,100	12,000	nd<1,000
	4/28/2005	89,000	18,000	11,000	1,600	8,900	nd < 500
	7/19/2005	39,000	11,000	200	710	1,700	nd < 500
	10/6/2005	58,000	17,000	410	1,000	6,600	ND<500
	1/30/2006	61,000	15,000	5,500	1,100	5,600	nd < 500
	4/18/2006	36,000	13,000	490	660	3,300	nd < 500
	7/19/2006	**49,000**	**16,000**	**460**	**ND<50**	**7,700**	**ND<500**

nd	Analyte not detected at stated reporting limit
n/a	Not analyzed
u/n	Unless otherwise noted (Reporting limit)
MP	Sampling by Micro Purge technique
*1	Analyzed by EPA method 8260B, reporting limit was 1 µg/l.
*2	Estimated value below method reporting limit of 2 µg/l.
*3	Inconsistent contaminant pattern. Sample result spurious, re-sampled
*4	Reporting limit at 2.5 µg/l.

BLAINE TECH SERVICES, INC.

SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY BTS # 060719-DW-1

CLIENT: The Sutton Group

SITE: 2600 Grant Ave.
San Lorenzo, CA

C = COMPOSITE ALL CONTAINERS

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
☐ EPA ☐ LIA ☐ OTHER ☒ RWQCB

SPECIAL INSTRUCTIONS

Invoice and Report to : The Sutton Group
John Sutton

email results "non-certified" as "pdf" to:
suttongeo@sbcglobal.net

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL	TPH-G by 8015	BTEX by 8021	MTBE by 8021	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
TB	7-19	—	W	2	X	X	X				
MW-1		1115	W	3	X	X	X	Non-preserved			
MW-2		1025	W	3	X	X	X				
MW-3		1126	W	3	X	X	X	Non preserved			
MW-4		1135	W	3	X	X	X	" "			
MW-5		1143	W	3	X	X	X	" "			

ICE/°
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB
VOA'S | O&G | METALS | OTHER
PRESERVATION ✓

SAMPLING COMPLETED DATE 7-19-06 TIME 1150

SAMPLING PERFORMED BY Dave Walter

RESULTS NEEDED NO LATER THAN Standard TAT

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
David C Walt	7-19-06	1655	[signature]	7/19/06	1655
[signature]	7/21/06	0905	[signature]	7/21/06	0905
Tom Murphy	7-21-06	13:43	[signature]	7/21	13:4

SHIPPED VIA | DATE SENT | TIME SENT | COOLER #

1 of 1

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0607380 **ClientID: TSG** **EDF: NO**

Report to:
John Sutton
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549
TEL: 925-284-4208
FAX: 925-284-4189
ProjectNo: 2600 Grant Avenue, San Lorenzo, CA
PO:

Bill to:
Accounts Payable
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549

Requested TAT: **5 days**

Date Received: **07/21/2006**
Date Printed: **07/21/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0607380-001	TB	Water	7/19/06	☐	A											
0607380-002	MW-1	Water	7/19/06 11:15:00	☐	A											
0607380-003	MW-2	Water	7/19/06 10:25:00	☐	A											
0607380-004	MW-3	Water	7/19/06 11:26:00	☐	A											
0607380-005	MW-4	Water	7/19/06 11:35:00	☐	A											
0607380-006	MW-5	Water	7/19/06 11:43:00	☐	A											

Test Legend:

1	G-MBTEX_W	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Elisa Venegas

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: 2600 Grant Avenue, San Lorenzo, CA	Date Sampled: 07/19/06
		Date Received: 07/21/06
	Client Contact: John Sutton	Date Extracted: 07/26/06
	Client P.O.:	Date Analyzed 07/26/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0607380

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	TB	W	ND	ND	ND	ND	ND	ND	1	99
002A	MW-1	W	ND	ND	ND	ND	ND	ND	1	98
003A	MW-2	W	ND	ND	ND	ND	ND	ND	1	103
004A	MW-3	W	140,a	44	61	ND	0.57	0.89	1	103
005A	MW-4	W	71,000,a	ND<500	10,000	520	4900	18,000	100	111
006A	MW-5	W	49,000,a	ND<500	16,000	460	ND<50	7700	100	104
Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0607380

EPA Method SW8021B/8015Cm	Extraction SW5030B	BatchID: 22804	Spiked Sample ID 0607376-001A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex)£	ND	60	85.8	83.9	2.25	103	102	1.03	70 - 130	70 - 130
MTBE	ND	10	90.8	82.9	9.12	112	104	7.77	70 - 130	70 - 130
Benzene	ND	10	104	100	3.88	96.4	96.5	0.102	70 - 130	70 - 130
Toluene	ND	10	104	101	3.81	92.2	92.3	0.101	70 - 130	70 - 130
Ethylbenzene	ND	10	106	102	3.74	97.8	98.5	0.690	70 - 130	70 - 130
Xylenes	ND	30	113	110	2.99	91	90.3	0.735	70 - 130	70 - 130
%SS:	99	10	96	95	0.157	97	102	5.57	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 22804 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0607380-001A	7/19/06	7/26/06	7/26/06 6:50 AM	0607380-002A	7/19/06 11:15 AM	7/26/06	7/26/06 7:22 AM
0607380-003A	7/19/06 10:25 AM	7/26/06	7/26/06 7:55 AM	0607380-004A	7/19/06 11:26 AM	7/26/06	7/26/06 8:28 AM
0607380-005A	7/19/06 11:35 AM	7/26/06	7/26/06 11:50 AM	0607380-006A	7/19/06 11:43 AM	7/26/06	7/26/06 12:23 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

WELLHEAD INSPECTION CHECKLIST

Date 7-19-06 Client The Sutton Group

Site Address 2600 Grant Ave San Lorenzo

Job Number 060719-DW-1 Technician DW

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-1	X							
MW-2	X							
MW-3		1 tab	stripped, 1	loose,	1 bolt	missing		
MW-4	X							
MW-5	X							
MW-D1	X							

NOTES:

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY BTS # 060719-DW-1

CLIENT: The Sutton Group

SITE: 2600 Grant Ave.
San Lorenzo, CA

LAB: McCampbell | DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
- ☐ EPA
- ☐ LIA
- ☐ OTHER
- ☒ RWQCB

SPECIAL INSTRUCTIONS

Invoice and Report to : The Sutton Group
John Sutton

email results "non-certified" as "pdf" to:
suttongeo@sbcglobal.net

CONDUCT ANALYSIS TO DETECT

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL	C = COMPOSITE ALL CONTAINERS	TPH-G by 8015	BTEX by 8021	MTBE by 8021					ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
TB	7-19	—	W	2		X	X	X								
MW-1		1115	W	3		X	X	X					Non-preserved			
MW-2		1025	W	3		X	X	X								
MW-3		1126	W	3		X	X	X					Non preserved			
MW-4		1135	W	3		X	X	X					" "			
MW-5		1143	W	3		X	X	X					" "			

SAMPLING COMPLETED: DATE 7-19-06 TIME 1150

SAMPLING PERFORMED BY: Dave Walter

RESULTS NEEDED NO LATER THAN: Standard TAT

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
David C Walt	7-19-06	1655	[redacted]	7/19/06	1655

SHIPPED VIA | DATE SENT | TIME SENT | COOLER #

1 of 1

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CHAIN OF CUSTODY BTS # 060719-DW-1

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ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
- ☐ EPA
- ☐ LIA
- ☐ OTHER
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SPECIAL INSTRUCTIONS

Invoice and Report to : The Sutton Group
John Sutton

email results "non-certified" as "pdf" to:
suttongeo@sbcglobal.net

CONDUCT ANALYSIS TO DETECT

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL	C = COMPOSITE ALL CONTAINERS	BTEX by 8021	MTBE by 8021	TPH-D	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW-D1	7-19	0949	W	5		X	X	X				

SAMPLING COMPLETED: DATE 7-19-06 TIME 1150

SAMPLING PERFORMED BY: Dave Walter

RESULTS NEEDED NO LATER THAN: Standard TAT

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
David C. Walter	7-19-06	1655		7/20/06	1655
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #	

1 of 1

WELL GAUGING DATA

Project # 060719-DW-1 Date 7-19-06 Client The Sutton Group

Site 2600 Grant Ave San Lorenzo

Well ID	WELL SIZE (in) ~~Time~~	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	~~Notes~~ Time
mw-1	2						7.10	12.25		0900
mw-2	2						5.87	15.24 DO ~~14.44~~		0854
mw-3	2						5.78	15.44		0925
mw-4	2						5.11	13.98		0920
mw-5	2						4.79	13.74		0914
mw-01	4						3.75	14.20		0845

WELL MONITORING DATA SHEET

Project #: 060719-DW-1	Client: Sutton GC.
Sampler: DW	Date: 7-19-06
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 12.75	Depth to Water (DTW): 7.10
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer / X Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other ____

Sampling Method: Bailer / X Disposable Bailer / Extraction Port / Dedicated Tubing / Other: ____

0.8 (Gals.) X 3 = 2.4 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1037	72.8	6.4	38400	0.4	0.8	
1035	71.5	6.4	48770	45	1.6	
well dewatered @ 1.6 gls.						
1115	71.9	6.5	51390	58	-	
	Reaction w/ HCL. Rinsed preservative from vials					

Did well dewater? (Yes) No — Gallons actually evacuated: 1.6

Sampling Date: 7-19-06 — Sampling Time: 1115 — Depth to Water: 8.10

Sample I.D.: MW-1 — Laboratory: Kiff CalScience X Other McCampbell

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time — Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060719-DW-1	Client: Sutton Gr.
Sampler: DW	Date: 7-19-06
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 15.24	Depth to Water (DTW): 5.87
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer; X Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; X Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

1.5 (Gals.) X 3 = 4.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1017	73.6	6.7	5538	103	1.5	
1019	72.0	6.7	6063	125	3.0	
1021	70.3	6.7	6756	163	4.5	

Did well dewater? Yes (No) Gallons actually evacuated: 4.5

Sampling Date: 7-19-06 Sampling Time: 1025 Depth to Water:

Sample I.D.: MW-2 Laboratory: Kiff CalScience X Other McCampbell

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060719-DW-1	Client: Sutter GC.
Sampler: DW	Date: 7-19-06
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 15.44	Depth to Water (DTW): 5.78
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer; X Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other____

Sampling Method: Bailer; X Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

1.5 (Gals.) X 3 = 4.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1042	74.2	6.8	10640	64	1.5	
1044	71.4	6.7	14350	104	3.0	
1046	70.6	6.7	19510	210	4.5	
	well	dewatered @ 5 gl.				
	used	non-preserved voas				

Did well dewater? (Yes) No Gallons actually evacuated: 5

Sampling Date: 7-19-06 Sampling Time: 1126 Depth to Water: 7.65

Sample I.D.: MW-3 Laboratory: Kiff CalScience X Other McCampbell

Analyzed for: TPH-G (BTEX) (MTBE) TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060719-DW-1	Client: Sutter GC.
Sampler: DW	Date: 7-19-06
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 13.98	Depth to Water (DTW): 5.11
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer; X Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; X Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

1.4 (Gals.) X 3 = 4.2 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1054	74.2	6.8	10800	201	1.4	odor
1056	71.5	6.6	22100	>1000	2.8	"
well	dewatered @ 3 gl.					
1135	76.6	6.8	21210	66	—	Odor
	used non-preserved VOAs					

Did well dewater? (Yes) No Gallons actually evacuated: 3

Sampling Date: 7-19-06 Sampling Time: 1135 Depth to Water: 5.32

Sample I.D.: MW-4 Laboratory: Kiff CalScience X Other McCampbell

Analyzed for: TPH-G (BTEX) (MTBE) TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060719-DW-1	Client: Sutton Gr.
Sampler: DW	Date: 7-19-06
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 13.74	Depth to Water (DTW): 4.79
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer; X Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other ____

Sampling Method: Bailer; X Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

1.4 (Gals.) X 3 = 4.2 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1104	72.9	6.7	13940	60	1.4	odor
1106	70.0	6.6	25500	490	2.8	
	well dewatered @ 3.5 gl.					
1143	72.3	6.9	12890	31	—	odor
		used non-preserved VOAs				

Did well dewater? (Yes) No — Gallons actually evacuated: 3.5

Sampling Date: 7-19-06 — Sampling Time: 1143 — Depth to Water: 6.48

Sample I.D.: MW-5 — Laboratory: Kiff CalScience X Other McCampbell

Analyzed for: TPH-G (BTEX) (MTBE) TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time — Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060719-DW-1	Client: Sutter GC.
Sampler: DW	Date: 7-19-06
Well I.D.: MW-D1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 14.20	Depth to Water (DTW): 3.75
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other____

Sampling Method: Bailer; X Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

6.8 (Gals.) X 3 = 20.4 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0940	74.4	7.0	6125	347	6.8	
0942	73.3	7.1	6964	>1000	13.6	
0944	72.5	7.1	6738	>1000	20.4	

Did well dewater? Yes (No) Gallons actually evacuated: 20.4

Sampling Date: 7-19-06 Sampling Time: 0949 Depth to Water:

Sample I.D.: MW-D1 Laboratory: Kiff CalScience X Other McCampbell

Analyzed for: TPH-G (BTEX) MTBE TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV