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suttongeo@sbcglobal.net

THE SUTTON GROUP

SOILS, FOUNDATIONS, DRAINAGE, SLOPES, CONTAINMENTS
CIVIL, GEOTECHNICAL AND ENVIRONMENTAL ENGINEERING

3708 Mount Diablo Blvd
Suite 215
Lafayette, CA, 94549

February 15, 2008

RECEIVED

1:31 pm, Feb 19, 2008

Alameda County
Environmental Health

Mr. Jason Warner
Oro Loma Sanitary District
2655 Grant Avenue
San Lorenzo, 94580

Results of 22nd Quarterly Sampling Round of Ground Water Monitoring Wells
Site of the Former Gasoline Tank
2655 Grant Ave., San Lorenzo, CA
OLSD PO No. 4911, LOP Site No. RO0000288 ST ID 1996

Dear Mr. Warner:

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 January 15th, 2008. This is the 22nd quarterly sampling of wells in the gasoline tank area.

Please note that we have changed the street address of the District's offices, and thus that of the tank location (at the request of the Post Office) from 2600 to 2655 Grant Avenue.

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 District's offices and adjacent sewage treatment plant. Figure 2 is a plan of the engineering offices and maintenance area, showing the monitoring well locations and the calculated groundwater flow gradients. Figure 2A is the calculation sheet used to develop Figure 2.

We have electronically uploaded this report to Alameda County's own electronic database. This data will also be up-loaded to the State Water Resources Control Board's Geotracker computer database, as required by law.

Groundwater Monitoring

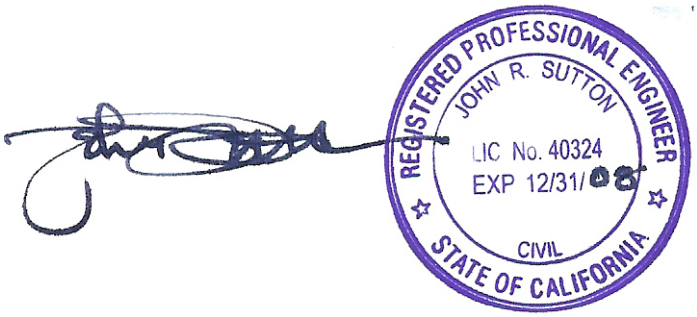
Review of groundwater level measurements around the former gasoline tank site indicates a foot increase of ground water elevations on site (except for MW5). These are typical of seasonal conditions in recent years with levels consistent with historical levels. Groundwater levels in the onsite wells are approximately the same as the same quarter a year ago. Table 1 is a cumulative tabulation of groundwater level data. Well MW5 historically responds less to seasonal changes compared to the other onsite wells and so we have provided two gradient calculations, with one neglecting the MW5 data as depicted on Figures 2 and 2A.

Sampling Results

On January 15th, 2008 water samples were collected from all five wells in accordance with the approved work plan. The samples were collected by bailing. 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 also 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
RCE 40324, exp 12/31/2008

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 Alameda Co web site. Data uploaded to Geotracker database.
Copy with attachments in pdf and MSExcel formats sent by email to Mr. Steven Plunkett at Alameda County Health Dept.

TABLE 1

GROUND WATER ELEVATIONS

LOP Site No. RO0000288

All measurements are in feet

Monitoring Well ID	**MW1**	**MW2**	**MW3**	**MW4**	**MW5**	***Estimated Net***	
Well Cover Rim Elevn*	**8.37**	**8.48**	**9.91**	**9.40**	**8.62**	***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 Meas.	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 Quarterly 10/26/2005	0.79	1.72	3.69	4.10	4.20	S64°E	0.065
14th Quarterly 1/30/2006	1.72	3.17	4.85	4.92	4.24	S73°E	0.05
15th Quarterly 4/18/2006	2.17	3.44	5.94	5.09	4.25	S78°E	0.025
16th Quarterly 7/19/2006	1.55	2.88	4.41	4.57	4.13	S69E	0.048
17th Quarterly 10/26/2006	1.17	2.63	3.47	3.92	5.38	A: S30W @ .054	B:S76E @ .087
18th Quarterly 1/15/2007	1.35	3.20	4.84	4.73	4.37	A: S64E @ .007	B:S87E @ .055
19th Quarterly 4/19/2007	1.72	3.39	6.06	5.20	4.05	A: S70E @ .036	B:S85E @ .044
20th Quarterly 7/19/2007	1.10	1.70	3.38	3.52	3.35	A: S63E @ .074	B:S7E @~.004
21st Quarterly 10/17/2007	1.02	2.98	3.38	3.61	4.08	S76E @ .058	N72E @ .035
Current (22nd) reading on 1/15/2008							
Groundwater Depth	7.03	5.48	5.30	4.67	4.60		
Groundwater Elevation	***1.34***	***3.00***	***4.61***	***4.73***	***4.02***	***S71E @ .050***	***S47E @ .017***
Change Since 10/17/2007	0.32	0.02	1.23	1.12	-0.06		
Change since same Qtr, last year	0.17	0.37	1.14	0.81	-1.36		

***** Wells re-surveyed 03/08/2007 based on NGS Station Loma (HT3751). New rim elevations were 0.27-0.30 feet "lower".

Elevations beginning April 2007 reflect the new elevations. Previously tabulated readings have not been changed.

* "Onsite gradient" is interpreted to be the natural gradient due to baylands and San Francisco Bay.

"Offsite gradient" reflects the dewatering effect of the gravel-bedded sanitary sewer trunk lines beneath Grant Avenue.

QTR 22, 1/15/2008: Two gradients were calculated: **S71E is from MW1,2 and 5 as previous"offsite"**

S34E is Gradient from MW 1,2,3,4 -- neglecting MW5

TABLE 2

LOP Site No. RO0000288

SUMMARY OF GROUND WATER SAMPLE ANALYSES

total petroleum hydrocarbons as gasoline, btex and mtbe

EPA METHOD 8015Cm /8021

results in µg/l (ppb)

Sample Location	Sample Date	Gasoline	Benzene	Toluene	Ethyl Benzene	Xylenes (total)	MTBE	Dilution Factor
MW-1	1/15/2008	ND	ND	ND	ND	ND	ND	1
MW-2	1/15/2008	ND	ND	1.3	ND	ND	ND	1
MW-3	1/15/2008	ND	ND	ND	ND	ND	40	1
MW-4	1/15/2008	46,000	9,200	220	2,600	5800	ND<250	50
MW-5	1/15/2008	33,000	12,000	51	800	1,900	ND<250	50
Trip Blank	1/15/2008	ND	ND	ND	ND	ND	ND	1
Reporting Limits for DF=1		50	0.5	0.5	0.5	0.5	5	

NOTES:

ND Analyte not detected at stated reporting limit

n/a Not analyzed this round

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
	10/26/2006	n/a	n/a	n/a	n/a	n/a	n/a
	1/15/2007	ND	ND	ND	ND	ND	ND
	4/19/2007	NA	NA	NA	NA	NA	NA
	7/19/2007	ND	ND	ND	ND	ND	ND
	10/17/2007	n/a	n/a	n/a	n/a	n/a	n/a
	1/15/2008	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***

MW-2	*Sample Date*	*Gasoline*	*Benzene*	*Toluene*	*EBenzene*	*Xylenes*	*MTBE*
	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	
	10/26/2006	n/a	n/a	n/a	n/a	n/a	n/a	
	1/15/2007	ND	ND	ND	ND	ND	ND	
	4/19/2007	NA	NA	NA	NA	NA	NA	
	7/19/2007	ND	ND	ND	ND	ND	ND	
	10/17/2007	n/a	n/a	n/a	n/a	n/a	n/a	
	1/15/2008	***ND***	***ND***	***1.3***	***ND***	***ND***	***ND***	

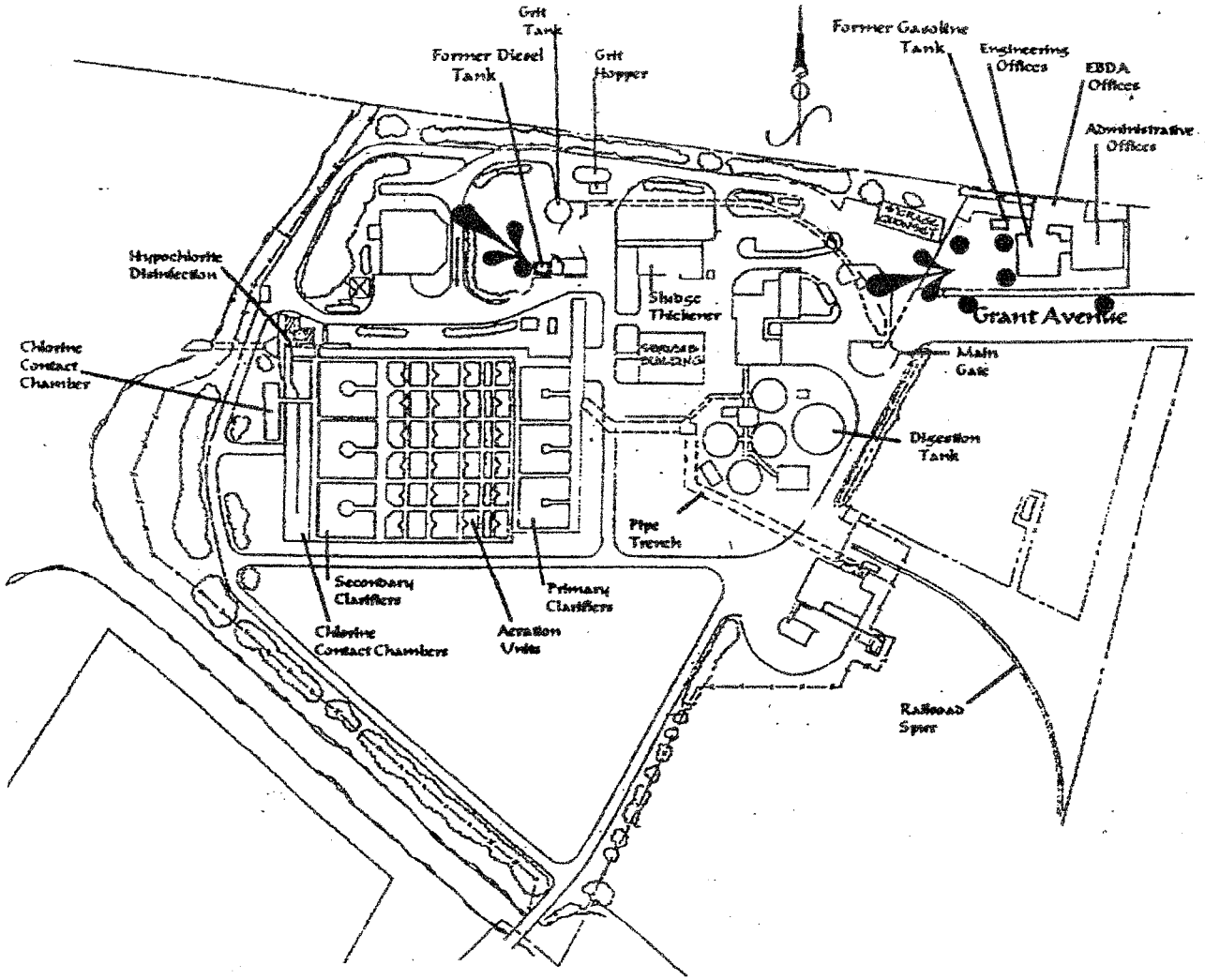
MW-3	***Sample Date***	***Gasoline***	***Benzene***	***Toluene***	***Ebenzene***	***Xylenes***	***MTBE***	
	2/19/1999	nd	nd	nd	nd	nd	1.5	*1
dup	2/19/1999	nd	nd	nd	nd	nd	n/a	
	5/10/1999	nd	nd	nd	nd	nd	1.5	*2
	8/30/1999	n/a	nd	nd	nd	nd	nd	
	11/23/1999	nd	nd	[.69]*	[.58]*	[1.3]*	nd	*3
	1/6/2000	nd	nd	nd	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	1.0	nd	4.0	66	
	7/19/2006	140	61	ND	0.57	0.89	44	
	10/26/2006	91	20	nd	0.55	3.5	46	
	1/15/2007	ND	3.8	ND	ND	ND	32	
	4/19/2007	52	2.9	ND	ND	ND	57	
	7/19/2007	ND	2.6	ND	ND	ND	47	
	10/17/2007	55	1.5	ND	ND	1.3	42	
	1/15/2008	***ND***	***ND***	***ND***	***ND***	***ND***	***40***	

MW-4	Sample Date	Gasoline	Benzene	Toluene	EBenzene	Xylenes	MTBE
	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
	10/26/2006	89,000	13,000	1600	4,300	19,000	nd< 800
	1/15/2007	65,000	10,000	570	3,300	13,000	nd< 250
	4/19/2007	52,000	9,400	300	3,600	8,900	ND<600
	7/19/2007	21,000	4,500	26	1,100	370	ND<240
	10/17/2007	28,000	5,900	87	1,700	1400	ND<240
	1/15/2008	***46,000***	***9,200***	***220***	***2,600***	***5800***	***ND<250***

MW-5	Sample Date	Gasoline	Benzene	Toluene	EBenzene	Xylenes	MTBE
	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
	10/26/2006	55,000	14,000	430	1200	6,700	nd<1,000
	1/15/2007	34,000	11,000	88	720	2,600	ND<250
	4/19/2007	29,000	11,000	63	700	2,200	ND<130
	7/19/2007	25,000	8,300	36	600	1,700	ND<50
	10/17/2007	32,000	9,200	57	650	1,900	ND<100
	1/15/2008	***33,000***	***12,000***	***51***	***800***	***1,900***	***ND<250***

NOTES:

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.

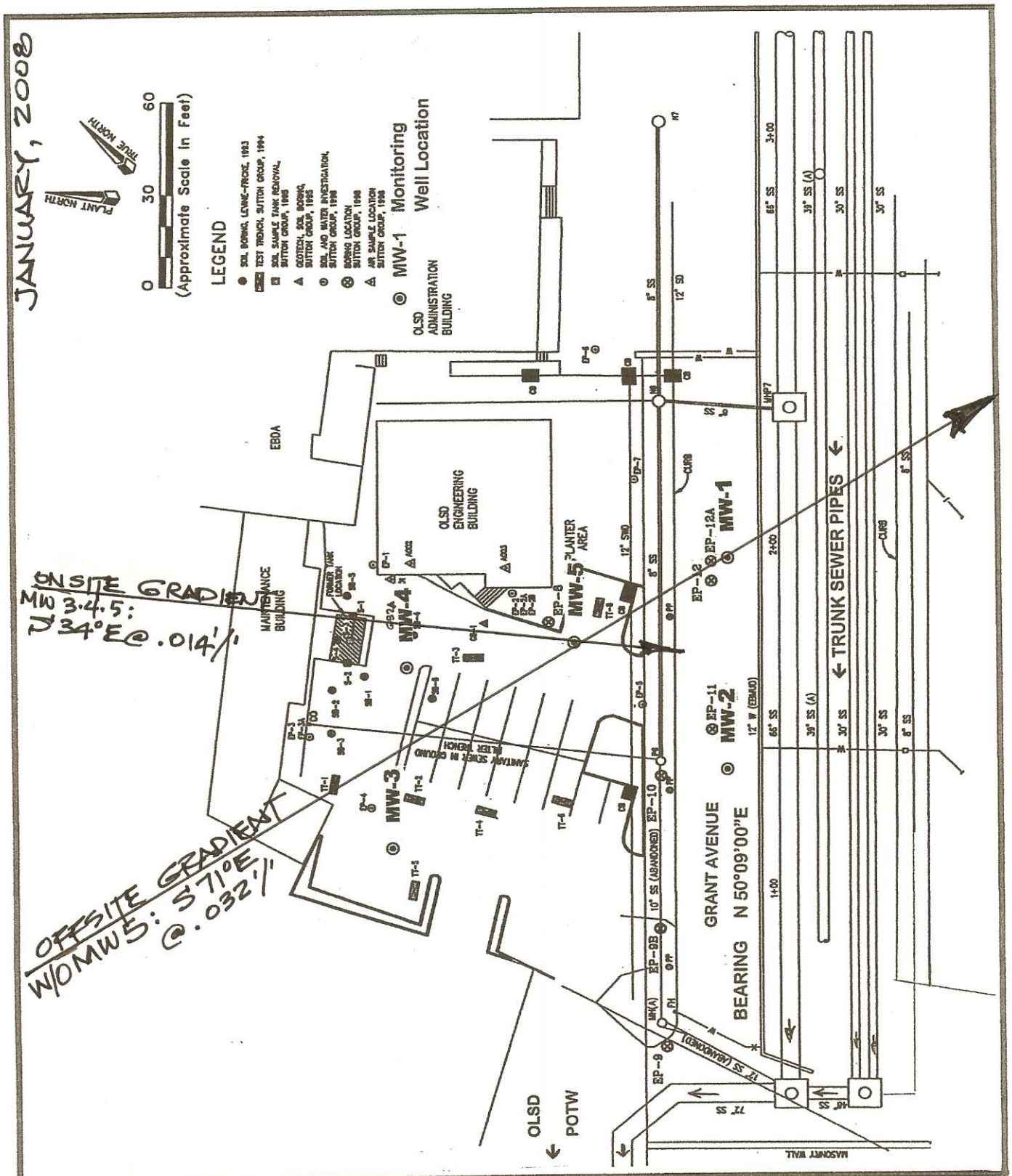


SITE PLAN

● 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

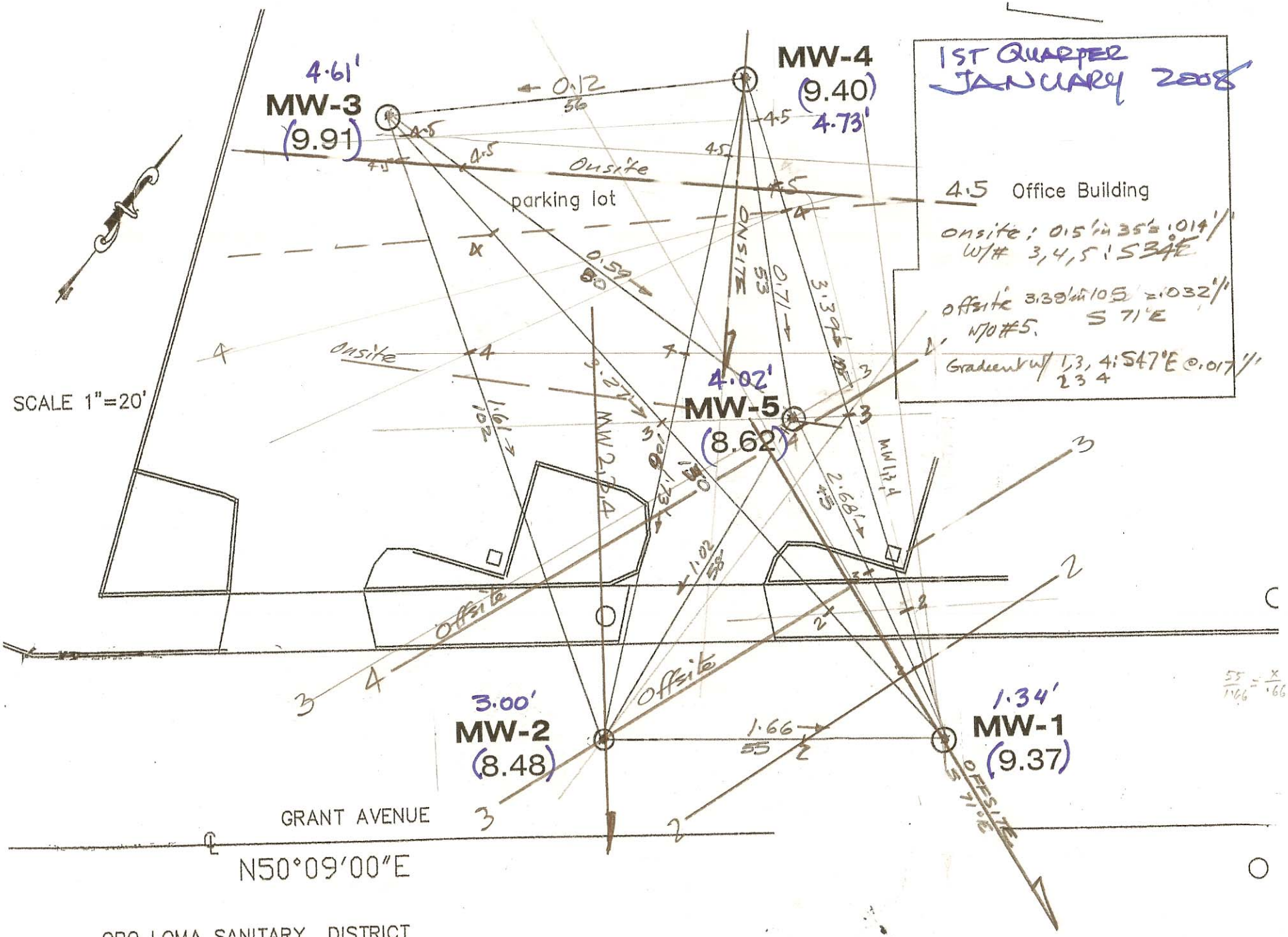
WELL LOCATION PLAN

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

PROJECT No. 3022.10

FIGURE 2

8/2/03



ORO LOMA SANITARY DISTRICT

2600 GRANT AVENUE

SAN LORENZO, CA

PLOT SHEET

Revised following New Engineering's survey of 03/07/2007

THE SUTTON GROUP
3708 Mount Diablo Blvd, Suite 215
Lafayette, CA, 94549

BLAINE
TECH SERVICES, INC.

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

CHAIN OF CUSTODY BTS # 080115-KF1

CLIENT: The Sutton Group

SITE: 2600 Grant Ave.
San Lorenzo, CA

CONDUCT ANALYSIS TO DETECT

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

Sample ID = Field Point Name

Please provide results in EDF format to John Sutton @ suttongeo@sbcglobal.net

Global ID = T0600101928

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	1/15/08	1000	W	2	HCL voas		X	X	X					Trip Blank			
MW1		0806	W	3	HCL voas		X	X	X								
MW2		0831	W	3	HCL voas		X	X	X								
MW3		0949	W	3	HCL voas		X	X	X								
MW4		0928	W	3	HCL voas		X	X	X								
MW5		0901	W	3	HCL voas		X	X	X								

SAMPLING COMPLETED: DATE 1/15/08 TIME 1000

SAMPLING PERFORMED BY: K. Cordes

RESULTS NEEDED NO LATER THAN: Standard TAT

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	1/15/08	1640		1/15/08	1640
(Sample Listed)	1/16/08	1200		1/16/08	1200

SHIPPED VIA | DATE SENT | TIME SENT | COOLER # |

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME 2600 Grant Ave, San Lorenzo				PROJECT NUMBER 080115-KF1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
Myron L ultrameter	6208730	1/15/08 0730	pH 4/7/10 / cond 3900	4.00 7.01 10.00 / 3911	Y	59°F	KF
2100 P Turbidimeter	25694	1/15/08 0733	20 100 800 NTU	20 100 802	Y	—	KF

WELLHEAD INSPECTION CHECKLIST

Date 1/15/08 Client The Sutton Group

Site Address 2600 Grant Ave, San Lorenzo

Job Number 080115-KF1 Technician KF

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)
MW1	X							
MW2		X						
MW3	X	~~3/3 bolts missing~~						
MW4	X							
MW5	X	3/3	bolts missing					

NOTES:

WELL GAUGING DATA

Project # 080115-EF1 Date 1/15/08 Client Sutton Group

Site 2600 Grant Ave, San Lorenzo

Well ID	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
MW1	0736	2					7.03	12.32		
MW2	0740	2					5.48	15.23		
MW3	0754	2					5.30	15.58		
MW4	0748	2					4.67	14.94		
MW5	0745	2					4.60	13.71 ~~14.94~~		

WELL MONITORING DATA SHEET

Project #: 080115-KF1	Client: Sutton Group
Sampler: KF	Date: 1/15/08
Well I.D.: MW1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 12.32	Depth to Water (DTW): 7.53
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	radius^2 * 0.163

Time	Temp (°F or (°C))	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0759	17.5	6.87	48.89	19.6	0.8	yellow
0801	18.3	6.54	58.92	23.2	1.6	"
0803	18.4	6.49	57.98	53.1	2.4	"

Did well dewater? Yes (No) Gallons actually evacuated: 2.4

Sampling Date: 1/15/08 Sampling Time: 0806 Depth to Water: 10.63

Sample I.D.: MW1 Laboratory: Kiff CalScience 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 #: 080115-KF1	Client: Sutton Group
Sampler: KF	Date: 1/15/08
Well I.D.: MW#2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 15.23	Depth to Water (DTW): 5.48
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: _____

1.6 (Gals.) X	3	=	4.8 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
0822	17.0	7.62	7013	7.1	1.6	yellow
0825	18.2	7.21	6419	13.6	3.2	yellow
0828	19.1	7.08	6793	25.0	4.8	yellow

Did well dewater? Yes (No) Gallons actually evacuated: 4.8

Sampling Date: 1/15/08 Sampling Time: 0831 Depth to Water: 11.90

Sample I.D.: MW#2 Laboratory: Kiff CalScience 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 #: 080115-1051	Client: Sutton Group
Sampler: KF	Date: 1/15/08
Well I.D.: MW3	Well Diameter: ~~2~~ ~~3~~ 4 6 8 ___
Total Well Depth (TD): 15.58	Depth to Water (DTW): 5.30
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 / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: Bailer / ~~Disposable Bailer~~ / Extraction Port / Dedicated Tubing / Other: _____

1.6 (Gals.) X	3	=	4.8 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
0937	16.6	7.21	5087	54.4	1.6	yellow
0940	18.0	6.81	9217	40.9	3.2	"
0943	18.7	6.63	23,420	67.8	4.8	"
0946	19.0	6.56	23,370	88.2	6.4	"

Did well dewater? Yes ~~No~~ Gallons actually evacuated: 6.4

Sampling Date: 1/15/08 Sampling Time: 0949 Depth to Water: 12.27

Sample I.D.: MW3 Laboratory: Kiff CalScience 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 #: 080115-KF1	Client: Sutton Group
Sampler: KF	Date: 1/15/08
Well I.D.: MW4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 14.94	Depth to Water (DTW): 4.67
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: _____

1.6 (Gals.) X	3 =	4.8 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 (uS))	Turbidity (NTUs)	Gals. Removed	Observations
0917	16.4	7.56	5549	632	1.6	yellow, odor
0919	17.1	7.01	5703	90.0	3.2	"
0922	18.8	6.56	17,670	78.3	4.8	"
0925	19.6	6.53	18,980	61.8	6.4	"

Did well dewater? Yes (No)		Gallons actually evacuated: 6.4	
Sampling Date: 1/15/08	Sampling Time: 0928	Depth to Water: 13.87	
Sample I.D.: MW4		Laboratory: Kiff CalScience 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 #: 080115-KF1	Client: Sutton Group
Sampler: KF	Date: 1/15/08
Well I.D.: MW5	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 13.71	Depth to Water (DTW): 4.60
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; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; (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
0852	15.8	7.18	9718	22.5	1.4	yellow, odor
0855	17.9	6.69	17,730	36.8	2.8	"
0858	18.4	6.57	19,140	35.1	4.2	"

Did well dewater? Yes (No) Gallons actually evacuated: 4.2

Sampling Date: 1/15/08 Sampling Time: 0901 Depth to Water: 12.05

Sample I.D.: MW5 Laboratory: Kiff CalScience 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	

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: #080115-KFI	Date Sampled: 01/15/08
		Date Received: 01/16/08
	Client Contact: John Sutton	Date Reported: 01/22/08
	Client P.O.:	Date Completed: 01/22/08

WorkOrder: 0801420

January 22, 2008

Dear John:

Enclosed within are:

1) The results of the **6** analyzed samples from your project: **#080115-KFI,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0801420

BLAINE
TECH SERVICES, INC.

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

CHAIN OF CUSTODY BTS # 080115-KF1

CLIENT: The Sutton Group

SITE: 2600 Grant Ave.
San Lorenzo, CA

CONDUCT ANALYSIS TO DETECT

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
Sample ID = Field Point Name
Please provide results in EDF format to John Sutton @ suttongeo@sbcglobal.net
Global ID = T0600101928

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	1/15/08	1000	W	2	HCL voas		X	X	X	Trip Blank			
+ MW1		0806	W	3	HCL voas		X	X	X				
+ MW2		0831	W	3	HCL voas		X	X	X			•	
+ MW3		0949	W	3	HCL voas		X	X	X				
+ MW4		0928	W	3	HCL voas		X	X	X				
+ MW5	↓	0901	W	3	HCL voas		X	X	X				

ICE/T° 5.2
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB N/A
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB N/A
PRESERVATION VOAS ✓ | O&G | METALS | OTHER

SAMPLING COMPLETED	DATE	TIME
	1/15/08	1000

SAMPLING PERFORMED BY: K. Cordes

RESULTS NEEDED NO LATER THAN: Standard TAT

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	1/15/08	1640		1/15/08	1640
(Sample Listed on)	1/16/08	1200		1/16/08	1200
	1/16/08	1600		1/16/08	1640

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0801420 **ClientID: TSG**

☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Report to:
John Sutton
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549

Email: suttongeo@sbcglobal.net
TEL: (925) 944-2856 FAX: 925-284-4189
ProjectNo: #080115-KFI
PO:

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

Requested TAT: 5 days

Date Received: **01/16/2008**
Date Printed: **01/16/2008**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0801420-001	TB	Water	1/15/2008	☐	A	A										
0801420-002	MW1	Water	1/15/2008 8:06:00	☐	A											
0801420-003	MW2	Water	1/15/2008 8:31:00	☐	A											
0801420-004	MW3	Water	1/15/2008 9:49:00	☐	A											
0801420-005	MW4	Water	1/15/2008 9:28:00	☐	A											
0801420-006	MW5	Water	1/15/2008 9:01:00	☐	A											

Test Legend:

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

Prepared by: Samantha Arbuckle

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.

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Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **The Sutton Group**

Date and Time Received: **1/16/2008 4:53:18 PM**

Project Name: **#080115-KFI**

Checklist completed and reviewed by: Samantha Arbuckle

WorkOrder N°: **0801420** Matrix Water

Carrier: Michael Hernandez (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	NA ☐
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 5.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

Client contacted: Date contacted: Contacted by:

Comments:

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #080115-KFI	Date Sampled: 01/15/08
3708 Mt. Diablo Blvd, Ste. 215		Date Received: 01/16/08
Lafayette, CA 94549	Client Contact: John Sutton	Date Extracted: 01/18/08
	Client P.O.:	Date Analyzed: 01/18/08

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0801420

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	TB	W	ND	ND	ND	ND	ND	ND	1	108
002A	MW1	W	ND	ND	ND	ND	ND	ND	1	114
003A	MW2	W	ND	ND	ND	1.3	ND	ND	1	108
004A	MW3	W	ND	40	ND	ND	ND	ND	1	106
005A	MW4	W	46,000,a	ND<250	9200	220	2600	5800	50	110
006A	MW5	W	33,000,a	ND<250	12,000	51	800	1900	50	98

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.
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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0801420

EPA Method SW8021B/8015Cm **Extraction SW5030B** **BatchID: 33217** **Spiked Sample ID: 0801397-001A**

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	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	104	85.2	20.3	85.3	83.6	2.01	70 - 130	30	70 - 130	30
MTBE	ND	10	90.8	91	0.264	87.3	89.5	2.52	70 - 130	30	70 - 130	30
Benzene	ND	10	96.4	98.5	2.12	91.1	92.9	1.90	70 - 130	30	70 - 130	30
Toluene	ND	10	97.8	97.1	0.708	91.7	98.6	7.28	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	97.9	95.8	2.18	92.6	95.9	3.51	70 - 130	30	70 - 130	30
Xylenes	ND	30	91	87	4.49	86.3	90.7	4.90	70 - 130	30	70 - 130	30
%SS:	101	10	107	108	1.19	102	102	0	70 - 130	30	70 - 130	30

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

NONE

BATCH 33217 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801420-001A	01/15/08 10:00 AM	01/18/08	01/18/08 5:03 PM	0801420-002A	01/15/08 8:06 AM	01/18/08	01/18/08 6:35 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.

DHS ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
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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 0801420

EPA Method SW8021B/8015Cm **Extraction SW5030B** **BatchID: 33237** **Spiked Sample ID: 0801423-001A**

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	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	123	106	15.5	90.5	95.9	5.84	70 - 130	30	70 - 130	30
MTBE	ND	10	92.1	100	8.42	122	106	14.5	70 - 130	30	70 - 130	30
Benzene	ND	10	94.8	96.9	2.24	105	107	2.12	70 - 130	30	70 - 130	30
Toluene	ND	10	94.2	96.7	2.61	97.1	100	3.14	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	99.5	102	2.03	106	111	4.02	70 - 130	30	70 - 130	30
Xylenes	ND	30	110	110	0	103	110	6.25	70 - 130	30	70 - 130	30
%SS:	103	10	90	89	0.423	97	97	0	70 - 130	30	70 - 130	30

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

NONE

BATCH 33237 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801420-003A	01/15/08 8:31 AM	01/18/08	01/18/08 3:27 AM	0801420-004A	01/15/08 9:49 AM	01/18/08	01/18/08 3:57 AM
0801420-005A	01/15/08 9:28 AM	01/18/08	01/18/08 9:37 PM	0801420-006A	01/15/08 9:01 AM	01/18/08	01/18/08 10:11 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.

DHS ELAP Certification N° 1644

QA/QC Officer