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THE SUTTON GROUP

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

3708 Mount Diablo Blvd
Suite 215
Lafayette, CA, 94549

November 9, 2008

RECEIVED

10:56 am, Nov 21, 2008

Alameda County
Environmental Health

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

Results of 25th Quarterly Sampling Round of Ground Water Monitoring Wells
Site of the Former Gasoline Tank
2655 Grant Ave., San Lorenzo, CA[1] ***LOP Site No. RO0000288***
OLSD PO No. 4911,

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 October 14th, 2008. This report includes the new survey data for location of MW-6, modified rim elevations for the onsite wells after the parking lot was re-paved, and the recent replacement of the damaged well box at MW-3.

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 location of the former gasoline tank 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. Figure 2A is the gradient calculation sheet.

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.

[1] 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.

Groundwater Monitoring

Review of groundwater level measurements around the former gasoline tank site indicates about a foot decrease of onsite ground water elevations on site and a half foot offsite over the quarter. Offsite wells MW-1 and MW-2 have approximately the same groundwater elevation, which is unusual. Two gradients were calculated based on using each well as the sink. The gradient to both wells is essentially the same (0.23 and 0.26 ft/ft, slightly flatter than in the previous quarter, which is typical of the season. However, while the gradient to MW-2 remains the same direction as in the previous quarter, the gradient towards MW-1 is 39° further to the east ("clockwise rotation"). A net gradient, i.e. one midway between the two offsite wells, would still be towards Grant Avenue at about S32°E. Table 1 shows the ground water readings and also a cumulative tabulation of historic groundwater level data.

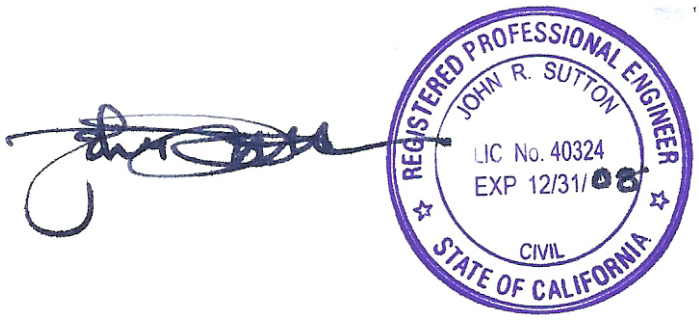
Sampling Results

On October 14th, 2008 water samples were collected from wells MW 3, 5 and 6. 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.

Note that the initial sampling of MW-6 as part of the 3rd quarter sampling indicated a very high concentrations of gasoline-related hydrocarbons. The well was re-surged on August 14, 2008. The current sampling of MW-6 a month after the re-surging, reported herein reflect a substantially reduced level of hydrocarbons than in the initial sampling.

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

302210, Qtr #25 ltr Q4-2008.doc

Attachments:

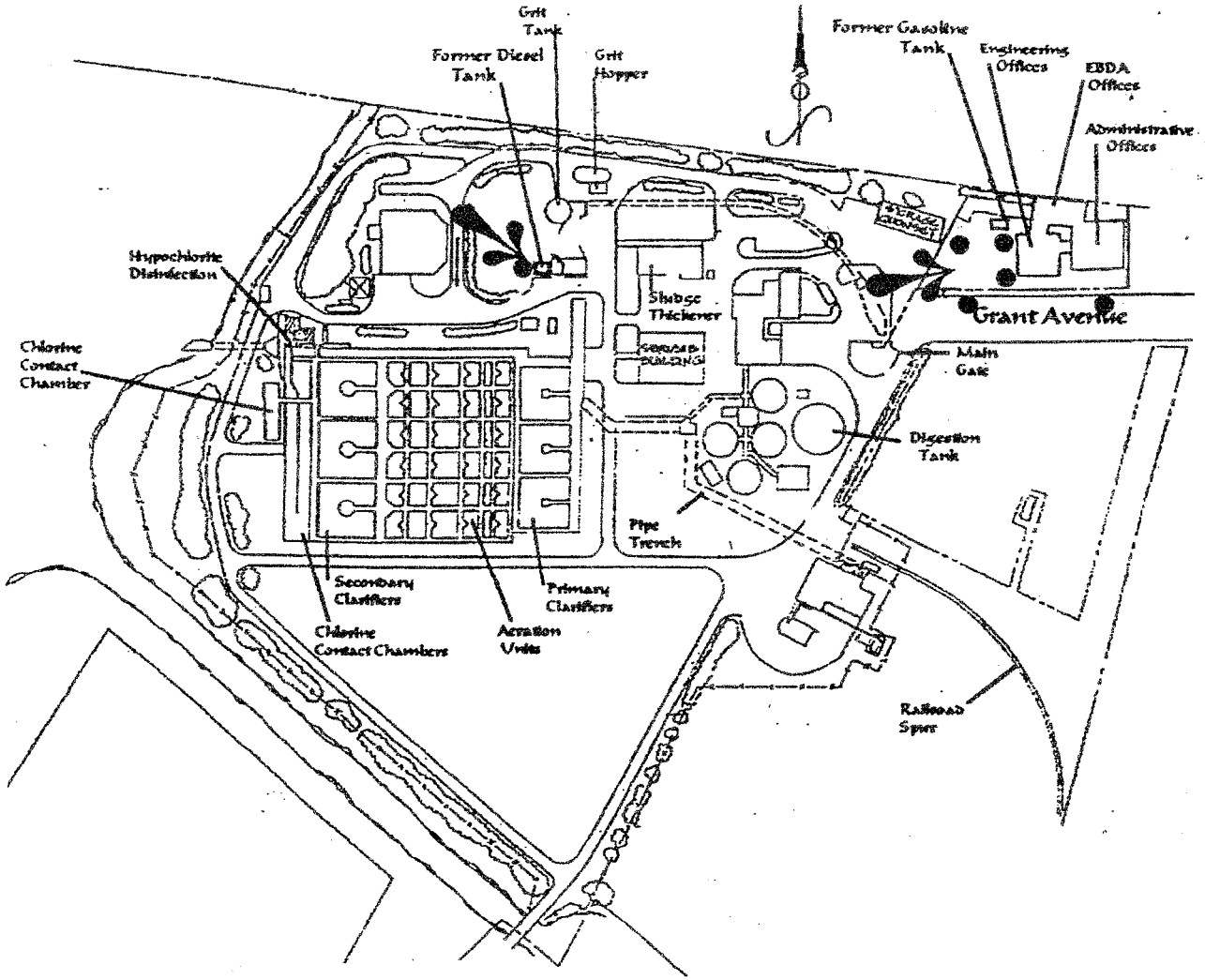
Figure 1	Site Plan
Figure 2	Well Location Plan, Former Gasoline Tank Area
Figure 2A	Gradient calculation sheet.
Table 1	Ground Water Elevations, Former Gasoline Tank Area
Table 2	Summary of Current Water Sample Analyses for Gasoline and constituents, Former Gasoline Tank Area
Table 2A	Cumulative Summary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



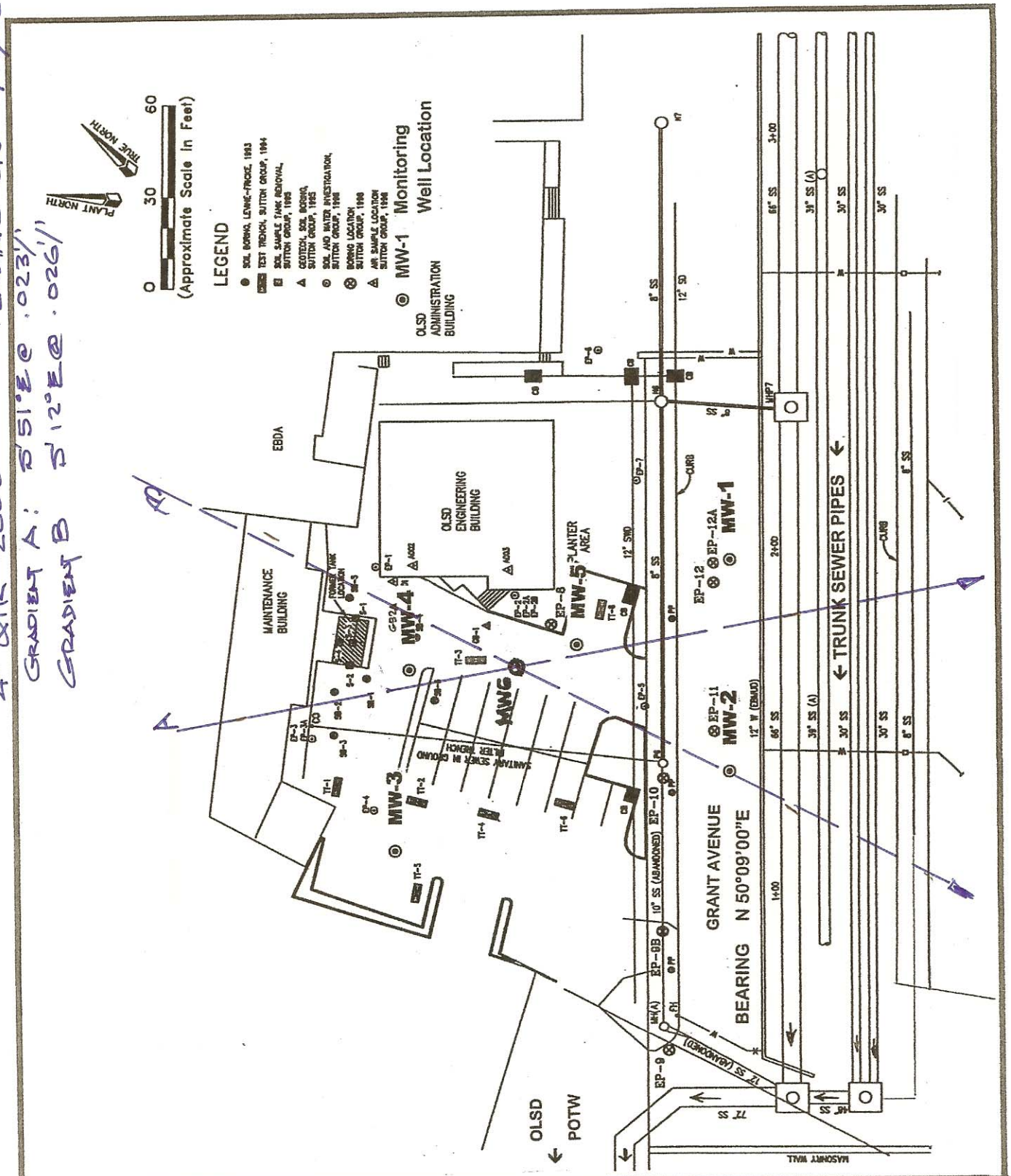
SITE PLAN

● 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

4th QTR 2008 READINGS ON 10/14/08
GRADIENT A: S 51°E @ .023'/'
GRADIENT B S 12°E @ .026'/'



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

PROJECT No. 3022.10

FIGURE 2

11/10/08

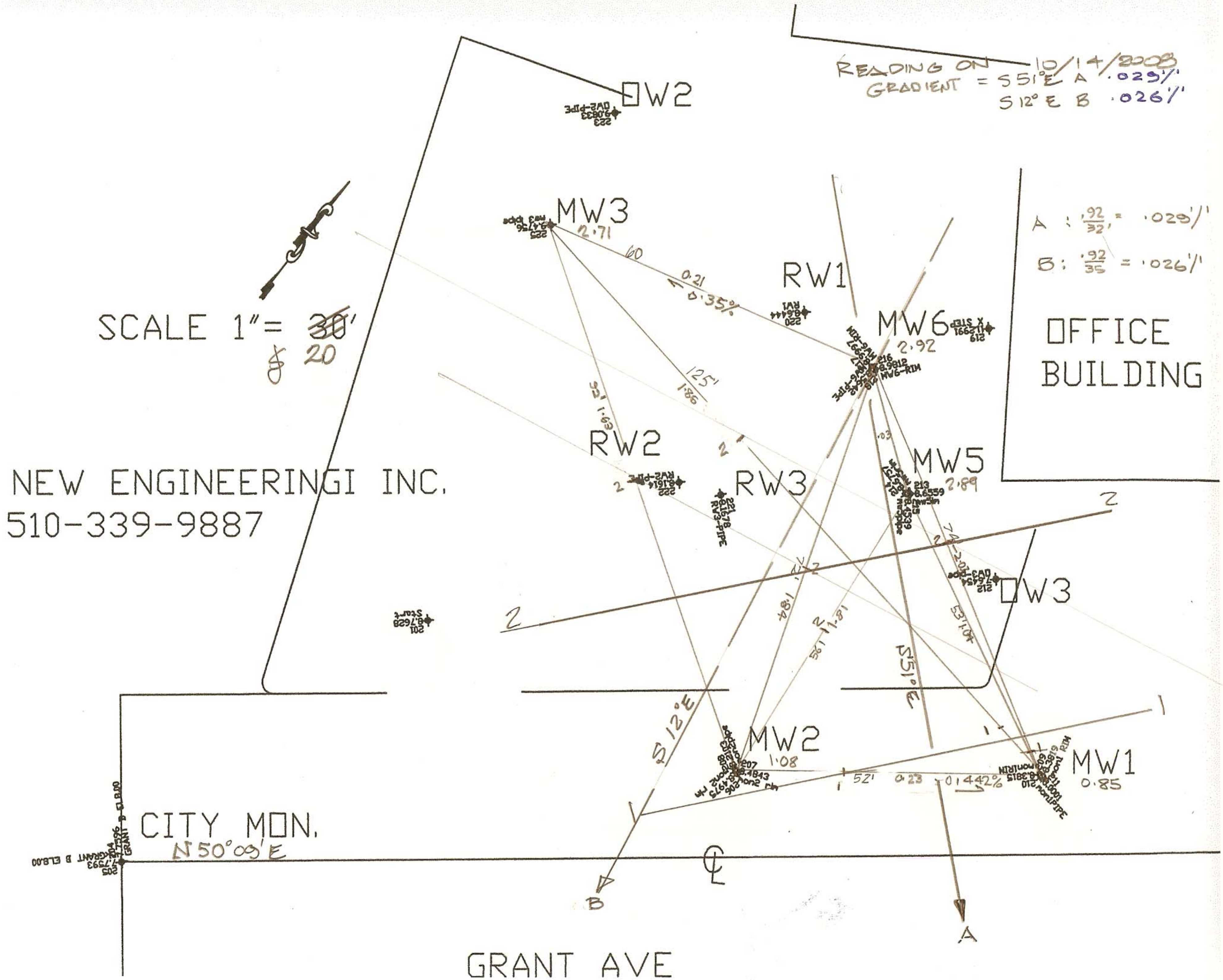
READING ON 10/14/2008
GRADIENT = S51°E A .029'/'
S12°E B .026'/'
OW2
MW3
2.71
60
0.21
0.35%
RW1
MW6
2.92
OFFICE
BUILDING
A : .92/32 = .029'/'
B : .92/35 = .026'/'
SCALE 1"= 30'
& 20
125'
1.86
1.53
RW2
RW3
MW5
2.89
NEW ENGINEERINGI INC.
510-339-9887
OW3
1.84
1.81
S51°E
S12°E
MW2
1.08
52'
0.23
0.1442%
MW1
0.85
CITY MON.
N50°09'E
B
A
GRANT AVE

TABLE 1

GROUND WATER ELEVATIONS

LOP Site No. RO0000288

All measurements are in feet

Monitoring Well ID	**MW1**	**MW2**	**MW3**	**MW4**	**MW5**	**MW6**	***Estimated Net***	
Well Cover Rim Elevn*	**8.37**	**8.48**	**10.10**	**(9.40)***	**8.66**	**8.98**	***Flow Direction, Gradient ft/ft***	
Δ: Rim Elevn to T.O.Casing	*0.38*	*0.26*	*0.63*	*n/a*	*0.20*	*0.42*		
Groundwater Elevations								
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
22 nd Quarterly 1/15/2008	1.34	3.00	4.61	4.73	4.02		S71E @ .050	S47E @ .017
23 rd Quarterly 4/15/2008	1.33	2.47	4.16	4.43	3.64		S68E @ .43	S43E @ .01
24 th Quarterly 7/17/2008	1.51	1.58	3.72	n/a	3.93	4.00	S12E @ .034	
Current (25 th) reading on 10/14/2008								
Groundwater Depth	7.52	7.40	7.39	n/a	5.73	6.06		
Groundwater Elevation	***0.85***	***1.08***	***2.71***	***n/a***	***2.93***	2.92	***A: S51 °E***	***0.23 ft/ft***
Change Since 7/17/2008	-0.66	-0.50	-1.01	n/a	-1.00	-1.08	***B: S12 °E***	***0.26 ft/ft***
Change since same Qtr, last year	-0.17	-1.90	-0.67	n/a	-1.15	n/a		

All depths and elevatons are in feet.

***** Wells re-surveyed 03/08/2007 based on NGS Station Loma (HT3751). New rim elevations were 0.27-0.30 feet "lower" than previously. Elevations beginning April 2007 reflect the new elevations. Previously tabulated readings were not changed.

MW-4 was closed/abandoned on 4/17/2008. **MW6 was installed 6/27/2008** See separate reports.

* "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 23, 4/15/2008: Two gradients calc'ed:S68E is from MW1,2 and 5 ;S43E is Gradient from MW 3,4,5. MW4 closed/abandoned on 4/ 16/2008.

11/9/2008 Table reflects rim elevations at MW-3, -5, -6 after parking lot repaved 6/2008

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	*10/14/2008*	n/a	n/a	n/a	n/a	n/a	n/a	*1*
MW-2	*10/14/2008*	n/a	n/a	n/a	n/a	n/a	n/a	*1*
MW-3	*10/14/2008*	ND	ND	ND	ND	ND	34	1
MW-5	*10/14/2008*	*23,000*	*6,700*	*65*	*580*	*2,000*	*ND<100*	20
MW-6	*10/14/2008*	*31,000*	*5,600*	*4,300*	*170*	*3,600*	*ND<250*	50
Trip Blank	*10/14/2008*	*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
	4/15/2008	n/a	n/a	n/a	n/a	n/a	n/a
	7/17/2008	ND	ND	ND	ND	ND	ND
	10/14/2008	**n/a**	**n/a**	**n/a**	**n/a**	**n/a**	**n/a**

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

MW-2	Sample Date	Gasoline	Benzene	Toluene	Ebenzene	Xylenes	MTBE
Contd	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
	4/15/2008	n/a	n/a	n/a	n/a	n/a	n/a
	7/17/2008	ND	ND	ND	ND	ND	ND
	10/14/2008	**n/a**	**n/a**	**n/a**	**n/a**	**n/a**	**n/a**

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	

MW-3	Sample Date	Gasoline	Benzene	Toluene	EBenzene	Xylenes	MTBE
Cont'd	10/17/2007	55	1.5	ND	ND	1.3	42
	1/15/2008	ND	ND	ND	ND	ND	40
	4/15/2008	n/a	n/a	n/a	n/a	n/a	n/a
	7/17/2008	ND	ND	ND	ND	ND	ND
	10/14/2008	**n/a**	**n/a**	**n/a**	**n/a**	**n/a**	**34**

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
	4/15/2008	32,000	8,300	89	1,900	2,400	ND<210
	NOTE	**MW4 was closed / abandoned 4/17/2008**					

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

MW-5	Sample Date	Gasoline	Benzene	Toluene	EBenzene	Xylenes	MTBE
Cont'd	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
	4/15/2008	30,000	11,000	36	690	1,700	ND<50
	7/17/2008	21,000	8,000	30	560	1,600	*ND<50*
	10/14/2008	***23,000***	***6,700***	***65***	***580***	***2,000***	***ND<100***

MW-6	Sample Date	Gasoline	Benzene	Toluene	EBenzene	Xylenes	MTBE	*Installed 6/27/2008*
	7/17/2008	110,000	9,800	14,000	970	6,900	ND<500	
	10/14/2008	***31,000***	***5,600***	***4300***	***170***	***3,600***	***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.

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: #081014-DC2	Date Sampled: 10/14/08
		Date Received: 10/15/08
	Client Contact: John Sutton	Date Reported: 10/20/08
	Client P.O.:	Date Completed: 10/17/08

WorkOrder: 0810346

October 20, 2008

Dear John:

Enclosed within are:

1) The results of the **4** analyzed samples from your project: **#081014-DC2,**
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.

0810346

BLAINE
TECH SERVICES, INC.

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

CHAIN OF CUSTODY BTS # 081014-DC2

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 ☒ RWQCB
☐ LIA
☐ OTHER

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

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	10/14/08	-	W	2	HCL voas		X	X	X					Trip Blank			
MW3	10/14/08	1430	W	3	HCL voas		X	X	X								
MW5	10/14/08	1450	W	3	HCL voas		X	X	X								
MW6	10/14/08	1440	W	3	HCL voas		X	X	X								

ICE / t° 10-6
GOOD CONDITION ✓ APPROPRIATE ✓
HEAD SPACE ABSENT ___ CONTAINERS ___
DECHLORINATED IN LAB ___ PRESERVED IN LAB ___
PRESERVATION: VOAS | O & G | METALS | OTHER

SAMPLING COMPLETED: DATE 10/14/08 TIME
SAMPLING PERFORMED BY: P. Cornish

RESULTS NEEDED NO LATER THAN: Standard TAT

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
[illegible]	10/14/08	1535		10/14/08	1535
(BTS)	10/15/08	1315		10/15/08	13:15
Derek Conte	10/15/08	14:40		10/15/08	

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: 0810346 **ClientCode: TSG**

☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
John Sutton
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549
(925) 944-2856 FAX 925-284-4189

Email: suttongeo@sbcglobal.net
cc:
PO:
ProjectNo: #081014-DC2

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

Requested TAT: 5 days

Date Received: **10/15/2008**
Date Printed: **10/15/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0810346-001	TB	Water	10/14/2008	☐	A	A										
0810346-002	MW3	Water	10/14/2008 14:30	☐	A											
0810346-003	MW5	Water	10/14/2008 14:50	☐	A											
0810346-004	MW6	Water	10/14/2008 14:40	☐	A											

Test Legend:

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

Prepared by: Ana Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Sample Receipt Checklist

Client Name: **The Sutton Group**

Date and Time Received: **10/15/08 3:45:59 PM**

Project Name: **#081014-DC2**

Checklist completed and reviewed by: Ana Venegas

WorkOrder N°: **0810346** Matrix Water

Carrier: Derik Cartan (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: 6.6°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 ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

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The Sutton Group	Client Project ID: #081014-DC2	Date Sampled: 10/14/08
		Date Received: 10/15/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 10/16/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 10/16/08

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

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0810346

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	TB	W	ND	ND	ND	ND	ND	ND	1	91
002A	MW3	W	ND	34	ND	ND	ND	ND	1	90
003A	MW5	W	23,000,d1	ND<100	6700	65	580	2000	20	93
004A	MW6	W	31,000,d1	ND<250	5600	4300	170	3600	50	89

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	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:

d1) weakly modified or unmodified gasoline is significant

DHS ELAP Certification 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 BatchID: 38883 WorkOrder: 0810346

EPA Method SW8021B/8015Cm **Extraction SW5030B** **Spiked Sample ID: 0810321-007A**

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	87.5	94.7	7.90	108	108	0	70 - 130	20	70 - 130	20
MTBE	ND	10	81.2	85.1	4.72	84.6	81.3	3.90	70 - 130	20	70 - 130	20
Benzene	ND	10	89.2	94.9	6.20	85.3	83.9	1.63	70 - 130	20	70 - 130	20
Toluene	ND	10	79.6	84.3	5.80	83.6	82.1	1.83	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	88.3	93.7	6.00	85.3	84.1	1.49	70 - 130	20	70 - 130	20
Xylenes	ND	30	84.6	92.2	8.55	83.6	82.4	1.43	70 - 130	20	70 - 130	20
%SS:	98	10	99	99	0	99	98	1.13	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 38883 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0810346-001A	10/14/08	10/16/08	10/16/08 1:02 PM	0810346-002A	10/14/08 2:30 PM	10/16/08	10/16/08 6:06 PM
0810346-003A	10/14/08 2:50 PM	10/16/08	10/16/08 4:59 PM	0810346-004A	10/14/08 2:40 PM	10/16/08	10/16/08 5:33 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 enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME Oro Loma Sanitary District				PROJECT NUMBER 081014-PC2			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP. C°	INITIALS
Myron Ultrameter	6209575	10/14/08 1315	4.0 pH 7.0 10.0 3900 µS	4.31 pH 7.09 10.62 3901 µS	Y ↓ ↓	21.8 21.5	PC ↓

WELLHEAD INSPECTION CHECKLIST

Date 10/14/08 Client Sutton Group

Site Address Oro Loma Sanitary District San Lorenzo

Job Number 081014-RC2 Technician P. Cornish, J. Ortiz

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			X				
MW5	/							
MW3	X							
MW6	X							

NOTES:

WELL GAUGING DATA

Project # 081014-PE2 Date 10/14/08 Client Sutton Group

Site Oro Loma Sanitary District, 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	1307	2					7.52	12.48	TOB	
MW2	1311	2					7.40	15.33		
MW3	1309	2					7.39	15.86		
MW5	1255	2					5.73	13.69		
MW6	1259	2					6.06	13.32	↓	

W L MONITORING DATA SHE

Project #: 081014-PC2	Client: Sutton Group
Sampler: PC, JO	Date: 10/14/08
Well I.D.: MW3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 15.86	Depth to Water (DTW): 7.39
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]: 9.08	

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
1320	22.1	6.71	8869	115	1.4	
1326	21.6	6.71	15.52 ms	69	2.8	
1330	20.8	6.80	25.90	101	4.2	H_2S odor
1334	20.1	6.91	31.38	286	5.6	↓ ↓
		well dewatered @ 6gal			DTW: 14.08 @ 14.20	

Did well dewater? (Yes) No

Gallons actually evacuated: ~~4~~ 6.0

Sampling Date: 10/14/08 Sampling Time: 1430 Depth to Water: 14.20 site departure

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	

W L MONITORING DATA SHE

Project #: 081014-RC2	Client: Sutton Group
Sampler: RC, JD	Date: 10/14/08
Well I.D.: MW5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 13.69	Depth to Water (DTW): 5.73
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]: 7.32	

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: _____

1.3 (Gals.) X 3 = 3.9 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
1356	22.7	6.85	13.82	64	1.3	
1359	22.2	6.81	26.89	24	2.6	H_2S odor
1403	21.4	6.83	38.46	607	3.9	" "
1406	well dewatered @ 4.5gl				DTW: 12.12 @ 1430	
1450	23.0	7.34	29.33	378		

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

Sampling Date: 10/14/08 Sampling Time: 1450 Depth to Water: 12.12 site depart

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

LL MONITORING DATA SH. T

Project #: 081014-RZ	Client: Stetson Group
Sampler: RC, JD	Date: 10/14/08
Well I.D.: MW6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 13.32	Depth to Water (DTW): 6.06
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]: 7.51	

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: _____

1.2 (Gals.) X 3 = 3.6 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
1344	22.7	6.97	10.91	>1000	1.2	grey
1348	22.5	6.88	20.93	>1000	2.4	
1352	21.5	6.88	34.46	>1000	3.6	
1355	well dewatered @ 3.8 gals				DTW: 11.60 @ 1425	

Did well dewater? (Yes) No Gallons actually evacuated: 3.8

Sampling Date: 10/14/08 Sampling Time: 1448 Depth to Water: 11.60 site depart

Sample I.D.: MW6 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

Repair Data Sheet

Job Number 081010-EC1

Inspection Point (Well ID or description of location)	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Check Indicates deficiency: Casing	Annular Seal	Tabs / Bolts	Box Structure	Apron	Trip Hazard	Below Grade	Not Securable by Design (12" diameter or less)	Lid not marked with words "MONITORING WELL"	Other Deficiency	Not Securable by Design (greater than 12" diameter)	Well Not Inspected (explain in notes)	Deficiency Logged on Repair Order	Deficiency Remains Uncorrected/Logged on Site Inspection Checklist	Partial Repair Completed/Outstanding Deficiency Logged on Repair Order	All Repairs Completed
MW-3								X						X						X
	Notes: lid and rim detached from wellbox 8" monument / wellbox 4 bags Conc. 1 cap 1 lock																			
	Notes:																			
	Notes:																			
	Notes:																			
	Notes:																			
	Notes:																			