

Environmental Restoration Services

Site Investigations * Fuel Tank Closures and Installations * Site Remediation * Regulatory Reporting

Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Second Floor
Alameda, CA 94502

April 24, 2007

RECEIVED

8:04 am, Apr 26, 2007

Alameda County
Environmental Health

Attn: Mr. Barney Chan, Haz Mat. Specialist for : 15651 Worthley Dr., San Lorenzo

Re: Report of Well Survey

Dear Mr. Chan ,

Environmental Restoration Services (ERS) is pleased to submit the following Report of Well Survey for your review.

INVESTIGATIVE SCOPE OF WORK

The investigative scope of work was comprised of utilizing the Alameda County Public Works Agency's (ACBWA) data base of known well locations and determining if these wells are within the survey area.

SURVEY AREA

A one half mile radius from the subject site is being used as the survey area. Figure 2 shows the survey area.

ACBWA DATA

A request was made to ACBWA to provide well data from their data base. The survey area fell within data two sections (13 and 14) and the ACBWA returned and print out of all well information within these two sections. This print out is located in the appendix of this report.

SCREENING OF DATA

Of the 42 line items found listed in section 13 of the data base, two properties, 16525 Worthley Dr. and 16505 Worthley Dr. were within the survey area. 16505 Worthley Dr. is shown to have a 2" monitoring well. 16525 Worthley Dr. is shown to have a 2" monitoring well, a 4" test well and a 6" recovery well. These properties are presumed to be leak sites.

Of the 46 line items found listed in section 14 of the data base, three properties appear to have monitoring, test or observation wells. These wells at, 2651 Grant Ave. (three 2" monitoring wells) 2600 Grant Ave. (four 2" observation wells, one 2" test well and one 4" observation well) 2222 Grant Ave. (three 2" monitoring wells), are presumed to be for data only.

Three properties in section 14 and within the survey area appear to have larger extraction type wells.

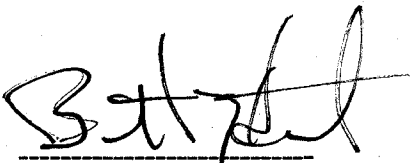
The first property, owned by East Bay Municipal Utility District (EBMUD) is listed as the San Lorenzo Well Field/Grant Ave. and consists of three line items, A1 (12" municipal well), A2 (10" municipal well) and H1 (12" domestic well). These wells are presumed to be located approximately 1000 feet southwest of the subject site. Well A2 is listed as being 834 feet deep. Well A1 and H1 are both listed as being 596 feet deep and, according to ACBWA staff, may be the same well.

The second property, owned by Oro Loma Sanitary District, consists of one line item, K2 (12" industrial well) at 2600 Grant Ave. is presumed to be located within the sewage treatment facility and approximately 2000 feet southwest of the subject site. This well is listed as being 993 feet deep.

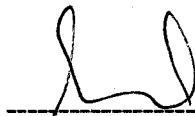
The third property is occupied by Tharco Inc. and consists of one line item H4 (6" industrial well) at 2222 Grant Ave. and is presumed to be approximately 200 to 500 feet north northwest of the subject site. This well is listed as being 320 feet deep.

Approximate locations of wells A1, A2, H1, K2 and H4 are shown in Figure 2.

Respectfully submitted this 24th day of April, 2007.



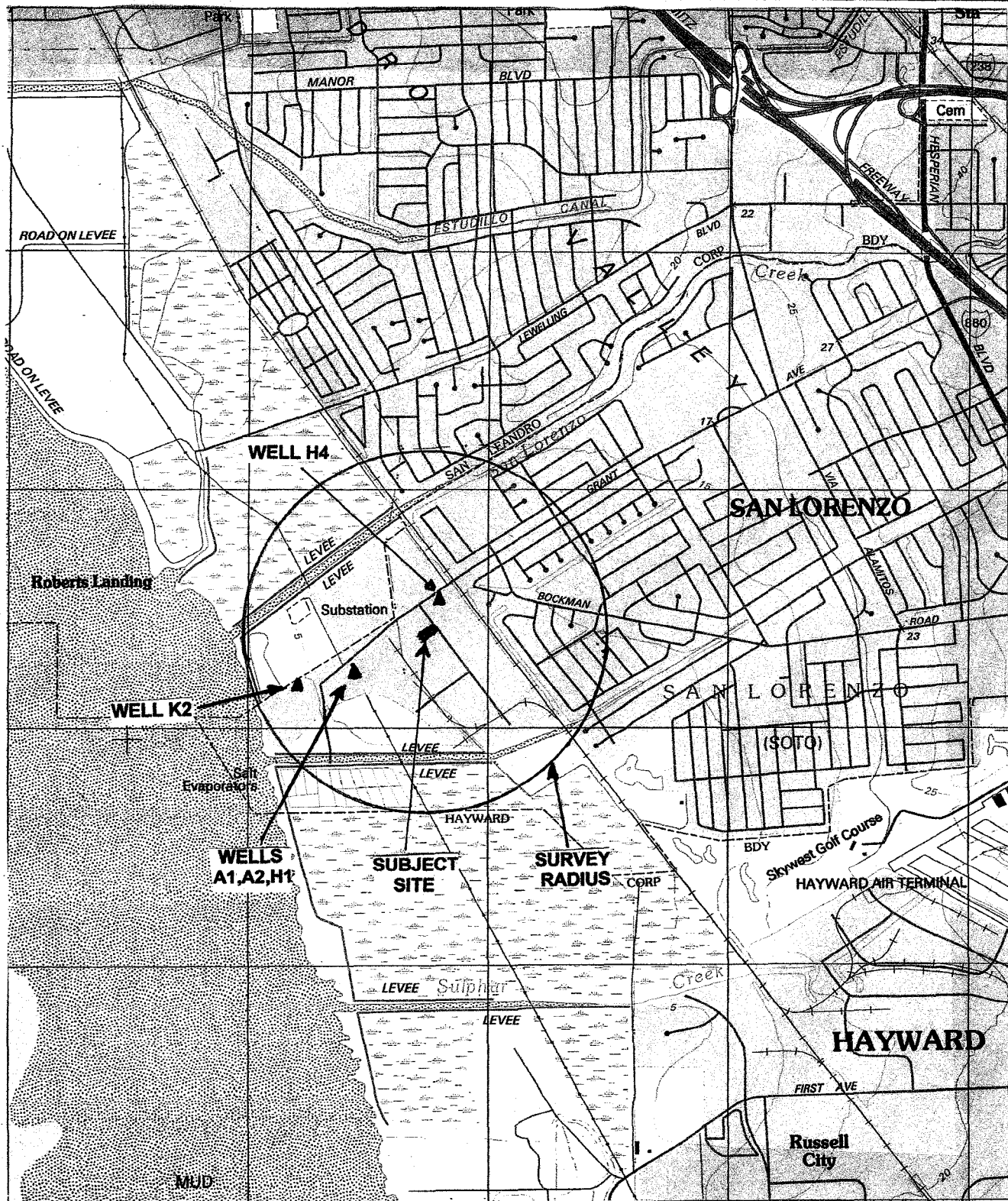
Bennett T. Halsted
Project Manager



Samuel H. Halsted PE
C.E. 14095



FIGURES



WELL LOCATION

15651 Worthley Dr., San Lorenzo, CA

SCALE: 1" = 2000'

BY:

Environmental Restoration Services

500 Santa Cruz Ave., Menlo Park, CA 94025

FIGURE 2

ACPWA

WELL

DATA BASE

PRINT OUT

<u>Owner</u>	<u>Section</u>	<u>Address</u>	<u>Totaldept</u>	<u>Waterdept</u>	<u>Diameter</u>	<u>Use</u>
HEIDE						
MARK PETERSON	13A 1	90 GRANT AV	36	0	8	DOM
San Lnzo Community Church	13A 4	16124 VIA LUPINE	30	13	4	IRR
San Lnzo Community Church	13A 5	945 Paseo Grande	21	14	2	MON
GIANELLI	13A 6	945 Paseo Grande	90	13	5	IRR
MODERN VEGETABLE NURSERY	13B 2	143 GRANT ST	113	6	10	DES
THOMAS BRATTON	13B 1	15550 WASHINGTON AV	550	0	12	IRR
LAWRENCE MOYERS	13C 1	15868 CORTEULISSE	21	9	4	IRR
	13D 1	1508 VIA HERMANA	30	11	4	IRR
	13E 1	?	0	0	12	IRR
DAVID & DELIA NORRIS	13F 2	16030 VIA NUEVA	20	10	4	IRR
EARL ZIERAU	13F 1	1836 BOCKMAN RD	28	10	4	IRR
F. LICHTY	13G 1	16148 CHANNEL ST	30	6	6	IRR
ROBERT HARRIS	13H 1	1432 VIA LUCAS	40	9	6	IRR
SHIRLEY S. JONES	13H 2	17038 VIA DEL REY	33	7	6	DOM
BAPTIST CHURCH	13J 2	BOCKMAN RD & CHANNEL S	30	0	4	IRR
DUDEK	13J 3	1580 BOCKMAN RD	42	0	6	IRR
John D. Lewis	13J 6	1535 Bockman Rd	50	0	4	IRR
ROBERT ZOLLER	13J 4	17050 CHANNEL ST	28	8	4	IRR
TOM SHARP	13J 5	1316 VIA MADERA	29	0	0	IRR
WULMAC	13J 1	17166 VIA DEL RAY	30	0	4	IRR
ALFRED RICH	13K 5	1843 VIA CARRETA	25	8	4	IRR
BECKES	13K 1	1664 BANDONI AV	35	0	12	IRR
James Drurey	13K 6	17032 Ganley Street	22	0	0	DES
JENNINGS	13K 2	1831 VIA NATAL	20	0	4	IRR
MAX SAMSEL	13K 4	1819 VIA CARRETA	20	11	4	IRR
ROBERT HERRESCHOU	13K 3	1782 VIA REDONDO	23	7	6	IRR
ALFRED PERIO	13L 1	1917 VIA NATAL	25	12	4	IRR
BAY CITY LIVESTOCK CO.	13M 1	GRANT NR SPRR TRACK	550	0	0	STO
PACIFIC INTL. STEEL	13M 3	16525 WORTHELEY DRIVE	15	6	8	DES
THE BANK OF CALIF.	13M 2	16505 WORTHELEY DRIVE	24	12	2	MON
Crown Metal Manufacturing	13N 2	16525 Worthley Drive	18	6	6	REC
Crown Metal Manufacturing	13N 1	16525 Worthley Drive	16	6	2	MON
Crown Metal Manufacturing	13N 3	16525 Worthley Dr	13	3	4	TES
EBMUD Well "S"	13P4	San Lorenzo Park	640		4	OBS
HUGO TASSINARI	13Q 3	17312 VIA CARMEN	23	8	6	?
JAMES GILBERT	13Q 4	17329 VIA CARMEN	26	7	4	IRR
L. NIXON	13Q 1	17275 VIA ANNETTE	28	0	14	IRR
LAUREL COSBY	13Q 2	17344 VIA CARMEN	55	6	4	IRR
BOB PIKE & DAVE LAUGHLIN	13R 3	17408 VIA SUSANA	22	4	6	IRR
HARWIN	13R 1	1450 VIA CORALLA	25	0	4	DOM
R.G. ZOLLER	13R 4	17326 VIA SUSANA	30	0	7	DOM
XERXES COLE	13R 2	17260 VIA EL CERRITO	26	8	6	IRR
EBMUD	14A 1	SAN LORENZO WELL FIELD	596	0	12	MUN
EBMUD	14A 2	SAN LORENZO WELL FIELD	834	0	10	MUN
ROBERT BOLEN	14A 3	15531 MONTREAL ST	31	12	8	IRR
TROJAN POWDER CO.	14B 1	LEWELLING	533	0	12	ABN
UNION WATER CO.	14B 2	ROBERT'S LANDING	564	0	8	ABN
EBMUD	14C 1	?	788	0	8	ABN
JACK MARTIN	14C 3	418 LEWELLING	664	0	8	ABN
LIVERMORE-AMADOR VALLEY	14C 4	LEWELLING BLVD	140	0	0	CAT
TROJAN POWDER CO.	14C 2	ROBERT'S LANDING	574	0	0	ABN

<u>Owner</u>	<u>Section</u>	<u>Address</u>	<u>Totaldept</u>	<u>Waterdept</u>	<u>Diameter</u>	<u>Use</u>
TROJAN POWDER CO	14F 1	LEWELLING BLVD	769	0	12	ABN
TROJAN POWDER CO.	14G 1	LEWELLING	600	0	12	ABN
TROJAN POWDER CO.	14G 2	LEWELLING BLVD	785	0	12	ABN
	14G 3	?	610	0	12	ABN
EBMUD	14H 1	GRANT AVE	596	0	12	DOM
Tharco	14H 5	2222 Grant Av	19	7	2	MON
Tharco	14H 6	2222 Grant Av	19	6	2	MON
Tharco	14H 7	2222 Grant Av	19	9	2	MON
THARCO	14H 4	2222 GRANT AVE	320	12	6	IND
TROJAN POWDER CO.	14H 3	LEWELLING BLVD	0	0	10	ABN
BERCOVICH-SOSNICK CO	14J 6	2561 GRANT AVENUE	27	6	2	MON
BOHANNON ORGANIZATION	14J 4	15803 HESPERIAN BL	724	0	12	ABN
BOHANNON ORGANIZATION	14J 5	15803 HESPERIAN BL	661	0	12	ABN
EAST BAY DISCH. AUTH.	14J 7	2651 GRANT AVENUE	25	6	2	MON
EAST BAY DISCH. AUTH.	14J 8	2651 GRANT AVENUE	25	6	2	MON
EAST BAY DISCH. AUTH.	14J 9	2651 GRANT AVENUE	25	6	2	MON
EAST BAY WATER CO.	14J 3	?	667	0	12	ABN
EBMUD	14J13	2600 Grant Ave	540	0	2	TES
EBMUD OW-1	14J15	Farmhouse/Grant Ave	882		4	OBS
EBMUD OW-2	14J10	2600 Grant Ave	200	0	2	OBS
EBMUD OW-2	14J11	2600 Grant Ave	60	0	2	OBS
EBMUD OW-3	14J12	2600 Grant Ave	660	0	2	OBS
EBMUD Test	14J14	Farmhouse/Grant Ave	560		2	OBS
GREENWOOD CORP.	14J 1	?	724	0	12	ABN
TROJAN POWDER CO.	14J 2	GRANT AVE	834	0	10	ABN
EAST BAY WATER CO.	14K 1	?	781	0	12	ABN
EAST BAY WATER CO.	14K 3	?	760	0	12	ABN
ORO LOMA SANITATION DIST	14K 2	2600 GRANT AVE	993	0	12	IND+
OROLOMA SANITARY DISTRIC	14K	GRANT AVE PIPELINE	51	0	5	BOR
	14K		61	0	5	BOR
	14K		22	8	6	BOR
	14K		22	9	6	BOR
	14K		22	0	6	BOR
Oro Loma San Dist B13	14Q	Bockman Canal	37	7	0	BOR*
Oro Loma San Dist B-18	14Q 5	Bockman Canal	35	4	0	BOR
Oro Loma San Dist B-19	14Q 6	Bockman Canal	35	11	0	BOR
Oro Loma San Dist B-20	14Q 7	Bockman Canal	35	5	0	BOR

Well Legend

DOM=Domestic well

IRR=Irrigation well

MUN= Municipal well

IND=Industrial well

CAT=Cathodic well

DES=well destroyed (through permit)

ABN=Abandoned and not being used (but has not been destroyed through permit process)

TES=Test well

BOR= Geotechnical investigation

MON= Monitoring well

EXT=Extraction/ Vapor wells

PIE=Piezometers

REC=Recovery well (extraction/ vapor)

? = Unknown or no information found or given