FOURTH QUARTER 2001/FIRST QUARTER 2002

QUARTERLY GROUNDWATER MONITORING PROGRAM

GERMAN AUTOCRAFT
301 E. 14TH STREET, SAN LEANDRO, CALIFORNIA

Prepared For:

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German Autocraft

MAY 03 2002

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I. INTRODUCTION

Environmental Testing (ET) has continued the quarterly groundwater monitoring program during the calendar fourth quarter 2001 and first quarter 2002 at German Autocraft located at 301 East 14th Street in the City of San Leandro, Alameda County, California (**Figure 1**). This report is submitted to the Alameda County Department of Environmental Health (ACDEH) on behalf of Mr. Seung Lee, owner of German Autocraft.

The purpose of this quarterly monitoring program is to evaluate groundwater quality in the area of five former underground fuel storage tanks (USTs) that were removed in 1990. Data accumulated from the program will be used to assess seasonal groundwater level fluctuations, changing groundwater quality conditions, and provide data which will support the development of corrective action plans at the site. The quarterly monitoring program presents a description of the groundwater monitoring activities, a compilation of groundwater quality and elevation data and a brief description of the progress of the development of corrective actions at the site.

The groundwater monitoring program involves sampling and testing selected monitoring wells and one (1) private well located at the Ramirez residence at 141 Farrelly Drive. The current schedule of the monitoring program is as follows:

Quarterly:	MW-12, MW-13, and MW-14
Semi-Annual:	MW-1A, MW-8, MW-9, MW-10, 141 Farrelly Drive
Annual:	MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-11

II. BACKGROUND

German Autocraft is located at 301 E. 14th Street in San Leandro (see Location Map, **Figure 1**). The approximate locations of buildings, property boundaries, and adjacent streets are presented on the Site Map, **Figure 2.** For detailed descriptions of prior environmental activities at the subject site, please refer to the references section of this report for a listing of reports which have been submitted to the ACDEH.

III. WORK PERFORMED DURING CURRENT PERIOD

Work for the groundwater monitoring program included groundwater level gauging and sampling, sample analysis, and report preparation.

Activity highlights during this period are as follows:

- **December 21, 2001** - ET collected groundwater samples according to the scheduled monitoring program and measured groundwater depths at wells.
- **March 28, 2002** - ET collected groundwater samples according to the scheduled monitoring program and measured groundwater depths at wells.

IV. GROUNDWATER ELEVATION AND GRADIENT

Static groundwater level elevation data collected on December 21, 2001 indicated that over the area studied (well gauged this period included MW-12, MW-13, and MW-14), the elevation of the shallow groundwater surface ranged from 25.78 - 26.10 feet above mean sea level. The groundwater gradient/estimated flow direction is determined semi-annually (not this period).

Static groundwater level elevation data collected on March 28, 2002 indicated that over the area studied (all monitoring wells), the elevation of the shallow groundwater surface ranged from 27.60-28.66 feet above mean sea level. The estimated groundwater flow direction is westerly (see **Figure 3**)

Table 1 presents the recent groundwater elevation data. **Table 2** presents historic groundwater elevation data.

The groundwater elevations observed this period are consistent with previous observations.

V. GROUNDWATER SAMPLING AND ANALYTICAL RESULTS

On December 21, 2001 and March 28, 2002, groundwater samples were collected from monitoring wells following the groundwater sampling procedures presented in **Appendix A.** The groundwater samples were analyzed for TPHg, BTEX by EPA Methods 5030, 8015, and 8020 as tabulated on **Table 3**. All samples were tested by Entech Analytical Labs, Inc. of Santa Clara, California. The laboratory report and chain-of-custody documents are included in **Appendix B**. The field sampling data sheets are presented in **Appendix C.** Due to failure of the field meter, measurements for pH, conductivity, and temperature were not measured during the December sampling event (three purge volumes were bailed from each well prior to sampling). Also, during the March 2002 sampling event, the private well at 141 Farrelly was not sampled because of difficulty scheduling with the owner who was on vacation, and sampling at that well will resume during the next scheduled sampling event. Maps showing TPHg and benzene concentration are presented on **Figures 4a-b** and **5a-b**. The quality assurance/quality control description is included in **Appendix D.** Historic groundwater chemical test data by EPA Methods 5030, 8015, and 8020 is tabulated in **Table 4**. City of San Leandro encroachment permits are included in **Appendix E.**

Selected BTEX chemical constituents continue to exceed their respective California Drinking Water Maximum Contaminant Levels (MCLs) or Federal Action Levels (AL) (see test results **Table 3**).

VI. DISCUSSION AND CONCLUSIONS

Selected wells' various chemical constituents continue to exceed their respective California Drinking Water Maximum Contaminant Levels (MCLs) or Federal Action Levels (AL).

Available data, including current gauging events, indicate that groundwater elevations determined this period for the site are consistent with previous monitoring events for the project. The most elevated concentrations of TPHg and benzene appear in wells MW-1, MW-2, MW-3, and MW-4. These wells are in the vicinity of the former tank site. The dissolved plume continues to show a northwesterly orientation from the site, in a relatively stable configuration. The site is scheduled for continued monitoring.

VII. LIMITATIONS

The data, information, interpretations and recommendations contained in this report are presented to meet current suggested regulatory requirements for determining groundwater quality on the site. Environmental Testing is not responsible for laboratory errors or completeness of other consultants reports, and no warranty is made or implied therein.

The conclusions and professional opinions presented herein were developed by ET using site specific data in accordance with current regulatory guidance and the opinions expressed are subject to revisions in light of new information which may develop in the future.

VIII. REFERENCES

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TABLE 1. CURRENT GROUNDWATER POTENTIOMETRIC SURFACE ELEVATION DATA

		December 21, 2001		March 28, 2002	
WELL	CASING ELEVATION[1]	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation
MW-1	49.40		-	20.74	28.66
MW-2	50.02		-	21.59	28.43
MW-3	49.32		-	20.83	28.49
MW-4	49.61		-	21.03	28.58
MW-5	49.63		-	21.03	28.60
MW-6	48.04		-	19.39	28.65
MW-8	49.34		-	21.19	28.15
MW-9	48.77		-	20.45	28.32
MW-10	49.93		-	21.87	28.06
MW-11	47.93		-	19.62	28.31
MW-12	48.46	22.36	26.10	20.51	27.95
MW-13	49.51	23.73	25.78	21.91	27.60
MW-14	49.54	23.44	26.10	21.58	27.96
MW-1A	48.23	-		20.09	28.14
141 Farrelly	48.76	-		-	-

[1]Elevations in feet above mean sea level.

TABLE 2. HISTORICAL GROUNDWATER ELEVATION DATA

Elevation in Feet Above Mean Sea Level

DATE	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-8	MW-9	MW-10	MW-11	MW-1A	141 Farralley
12/21/90	19.15	-	-	-	-	-	-	-	-	-	-	-
2/10/95	29.59	29.62	29.57	-	-	-	-	-	-	-	-	-
7/7/95	26.63	26.47	26.50	-	-	-	-	-	-	-	-	-
8/10/95	25.58	25.40	25.44	-	-	-	-	-	-	-	-	-
9/11/95	24.68	24.49	24.54	-	-	-	-	-	-	-	-	-
10/2/95	24.12	23.94	24.00	-	-	-	-	-	-	-	-	-
11/7/95	23.36	23.13	23.21	-	-	-	-	-	-	-	-	-
12/8/95	22.77	22.55	22.62	-	-	-	-	-	-	-	-	-
1/12/96	24.35	24.20	24.25	-	-	-	-	-	-	-	-	-
2/12/96	29.04	29.03	29.00	-	-	-	-	-	-	-	-	-
3/12/96	31.75	31.60	31.67	-	-	-	-	-	-	-	-	-
4/13/96	29.43	29.25	29.26	-	-	-	-	-	-	-	-	-
5/14/96	27.89	27.68	27.71	-	-	-	-	-	-	-	-	-
6/20/96	27.19	26.97	27.00	-	-	-	-	-	-	-	-	-

DATE	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-8	MW-9	MW-10	MW-11	MW-1A	141 Farralley
7/26/96	25.95	25.74	25.76	-	-	-	-	-	-	-	-	-
8/19/96	25.16	24.97	25.01	-	-	-	-	-	-	-	-	-
9/17/96	24.44	24.22	24.27	-	-	-	-	-	-	-	-	-
10/21/96	23.63	23.43	23.48	-	-	-	-	-	-	-	-	-
11/27/96	24.28	24.09	24.13	-	-	-	-	-	-	-	-	-
12/27/96	28.23	28.03	28.11	-	-	-	-	-	-	-	-	-
1/28/97	33.02	32.71	32.78	-	-	-	-	-	-	-	-	-
4/25/97	27.14	26.88	26.94	-	-	-	-	-	-	-	-	-
7/17/97	24.55	24.31	24.37	-	-	-	-	-	-	-	-	-
10/21/97	22.85	22.69	22.73	-	-	-	-	-	-	-	-	-
3/10/98	34.35	34.20	34.13	-	-	-	-	-	-	-	-	-
6/6/98	30.69	30.41	30.47	-	-	-	-	-	-	-	-	-
9/30/98	25.95	25.68	25.75	-	-	-	-	-	-	-	-	-
12/30/98	25.13	24.93	24.99	25.05	25.06	25.14	24.75	24.79	24.78	24.78	24.64	-
3/13/99	29.98	29.80	29.83	29.89	29.93	29.97	29.58	29.58	29.31	29.56	29.39	28.84

DATE	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-8	MW-9	MW-10	MW-11	MW-1A	141 Farralley
9/29/99	24.39	24.12	24.20	24.27	24.26	24.38	23.93	24.05	23.80	24.03	23.89	-
12/29/99	23.75	23.52	23.60	23.64	23.64	23.75	23.36	23.45	23.23	23.43	23.29	-
3/18/00	31.92	31.87	31.82	31.85	31.94	31.86	31.66	31.46	31.26	31.38	31.25	30.86
7/18/00	26.21	26.01	26.04	-	-	26.22	25.76	25.83	25.55	25.81	25.64	-
9/26/00	25.01	24.69	24.80	-	-	24.95	24.50	24.61	24.34	24.58	24.48	24.10
12/28/00	24.63	24.39	24.45	24.52	-	24.61	24.21	24.29	24.03	24.26	24.13	-
3/30/01	27.47	27.31	27.39	27.40	-	27.41	27.14	27.12	26.79	27.03	27.02	26.51
10/5/01	23.82	23.64	23.70	23.77	-	23.82	23.47	23.54	23.33	23.52	23.38	-
3/28/02	28.66	28.43	28.49	28.58	28.60	28.65	28.15	28.32	28.06	28.31	28.14	-

DATE	MW-12	MW-13	MW-14
3/30/01	26.71	26.41	27.01
10/5/01	23.21	22.91	23.98
12/21/01	26.10	25.78	26.10
3/28/02	27.95	27.60	27.96

TABLE 3a. GROUNDWATER CHEMICAL TEST RESULTS (EPA METHOD 8015/8020)

Location: German Autocraft, 301 E. 14th Street, San Leandro, California

Date Sampled: December 21, 2001 Units: µg/L

WELL	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES
MW-12	5,300	9.7	<2.5	41	14
MW-13	<50	<0.5	<0.5	<0.5	<0.5
MW-14	1,500	3.1	13	1.9	22
141 Farrelly	<50	<0.5	<0.5	<0.5	<0.5
MCL/AL[2]	-	1	150	700	1,750

[2]Maximum Contaminant Level or Action Level as established by the State of California, Division of Drinking Water and Environmental Management, Department of Health Services "Summary, Maximum Contaminant and Action Levels" November, 1994.

TABLE 3b. GROUNDWATER CHEMICAL TEST RESULTS (EPA METHOD 8015/8020)

Location: German Autocraft, 301 E. 14th Street, San Leandro, California

Date Sampled: March 28, 2002 Units: µg/L

WELL	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES
MW-1	100,000	2,800	24,000	5,400	28,900
MW-2	7,000	570	16	170	71
MW-3	31,000	4,400	370	2,200	6,110
MW-4	30,000	3,700	3,100	1,100	4,100
MW-6	88	0.89	<0.5	<0.5	<1.5
MW-8	1,100	12	1.7	11	10.8
MW-9	11,000	34	6.1	220	180
MW-10	7,400	45	20	210	66
MW-11	<50	<0.5	<0.5	<0.5	<1.5
MW-12	4,900	20	<2.5	69	23
MW-13	<50	<0.5	<0.5	<0.5	<1.5
MW-14	390	1.7	<0.5	<0.5	0.74
MW-1A	9,300	35	<12.5	17	32
MCL/AL[3]	-	1	150	700	1,750

[3]Maximum Contaminant Level or Action Level as established by the State of California, Division of Drinking Water and Environmental Management, Department of Health Services "Summary, Maximum Contaminant and Action Levels" November, 1994.

TABLE 4. HISTORIC GROUNDWATER CHEMICAL TEST RESULTS (EPA METHOD 8015/8020)

Location: German Autocraft, 301 E. 14th Street, San Leandro, California

Units: µg/L

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES
MW-1	12/31/90	51,000	2,200	1,200	<0.5	760
	1/6/95	110,000	13,000	15,000	4,800	13,000
	1/6/95	580,000	29,000	41,000	17,000	43,000
	7/6/95	49,000	8,000	17,000	1,900	9,700
	7/6/95	47,000	4,800	9,500	930	5,000
	10/2/95	120,000	16,000	36,000	3,300	17,000
	10/2/95	160,000	20,000	47,000	5,000	23,000
	1/12/96	1,100,000	11,000	18,000	15,000	51,000
	1/12/96	98,000	2,100	4,600	2,500	10,000
	4/13/96	53,000	1,300	2,900	2,100	10,000
	4/13/96	58,000	820	3,600	2,800	12,000
	7/26/96	91,000	2,900	7,200	2,900	14,000
	7/26/96	67,000	2,300	5,500	2,500	11,000
	10/21/96	210,000	4,800	17,000	2,300	15,000
	10/21/96	210,000	5,400	18,000	2,600	11,000
	1/28/97	120,000	5,600	15,000	2,100	11,000
	1/28/97	130,000	5,500	15,000	2,300	12,000

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES
MW-1	4/25/97	180,000	6,900	20,000	2,600	13,000
	4/25/97	170,000	6,500	20,000	2,500	13,000
	7/17/97	220,000	8,300	41,000	2,700	16,000
	10/21/97	240,000	9,400	33,000	3,300	22,000
	3/10/98	120,000	11,000	46,000	3,700	21,000
	6/6/98	110,000	7,600	32,000	4,800	23,000
	9/30/98	140,000	5,800	29,000	3,500	18,000
	12/30/98	78,000	5,200	24,000	3,200	19,000
	3/23/99	250,000	8,000	43,000	5,200	27,000
	9/29/99	140,000	6,100	35,000	5,400	27,000
	3/18/00	120,000	5,100	33,000	4,600	24,000
	3/20/01	120,000	3,600	41,000	4,700	25,000
	3/28/02	100,000	2,800	24,000	5,400	28,900
MW-2	1/6/95	980,000	9,400	5,600	19,000	42,000
	7/6/95	71,000	5,300	1,800	6,100	9,000
	10/2/95	40,000	2,900	200	2,800	3,600
	1/12/96	260,000	2,600	2,200	6,300	7,800
	4/13/96	30,000	1,900	370	2,300	2,400
	7/26/96	180,000	1,400	640	2,100	5,000
	10/21/96	62,000	2,100	<0.5	2,100	2,700
	1/28/97	46,000	1,500	94	1,800	2,000
	4/25/97	23,000	790	26	820	730
	7/17/97	95,000	2,200	<0.5	3,100	4,300

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES
MW-2	10/21/97	31,000	2,000	<0.5	2,100	1,900
	3/10/98	19,000	730	44	820	1,000
	6/6/98	16,000	670	1,100	510	1,200
	9/30/98	24,000	600	77	680	580
	12/30/98	9,300	510	96	450	480
	3/23/99	5,700	580	9.4	400	280
	9/29/99	17,000	880	240	830	1,000
	12/29/99	11,000	800	11	860	780
	3/18/00	11,000	790	14	520	450
	7/18/00	10,000	560	27	630	530
	9/26/00	6,800	450	7.4	290	200
	12/28/00	12,000	540	30	420	330
	3/20/01	3,500	230	<10	<10	<10
	3/28/02	7,000	570	16	170	71
MW-3	1/6/95	740,000	11,000	2,300	8,300	28,000
	7/6/95	86,000	12,000	8,600	4,900	19,000
	10/2/95	100,000	15,000	11,000	6,000	20,000
	1/12/96	84,000	6,500	4,100	3,200	12,000
	4/13/96	48,000	7,600	3,600	2,800	9,400
	7/26/96	62,000	6,400	3,100	3,000	11,000
	10/21/96	110,000	5,400	2,400	2,500	9,800
	1/28/97	130,000	5,500	15,000	2,300	12,000
	4/25/97	180,000	6,900	20,000	2,600	13,000

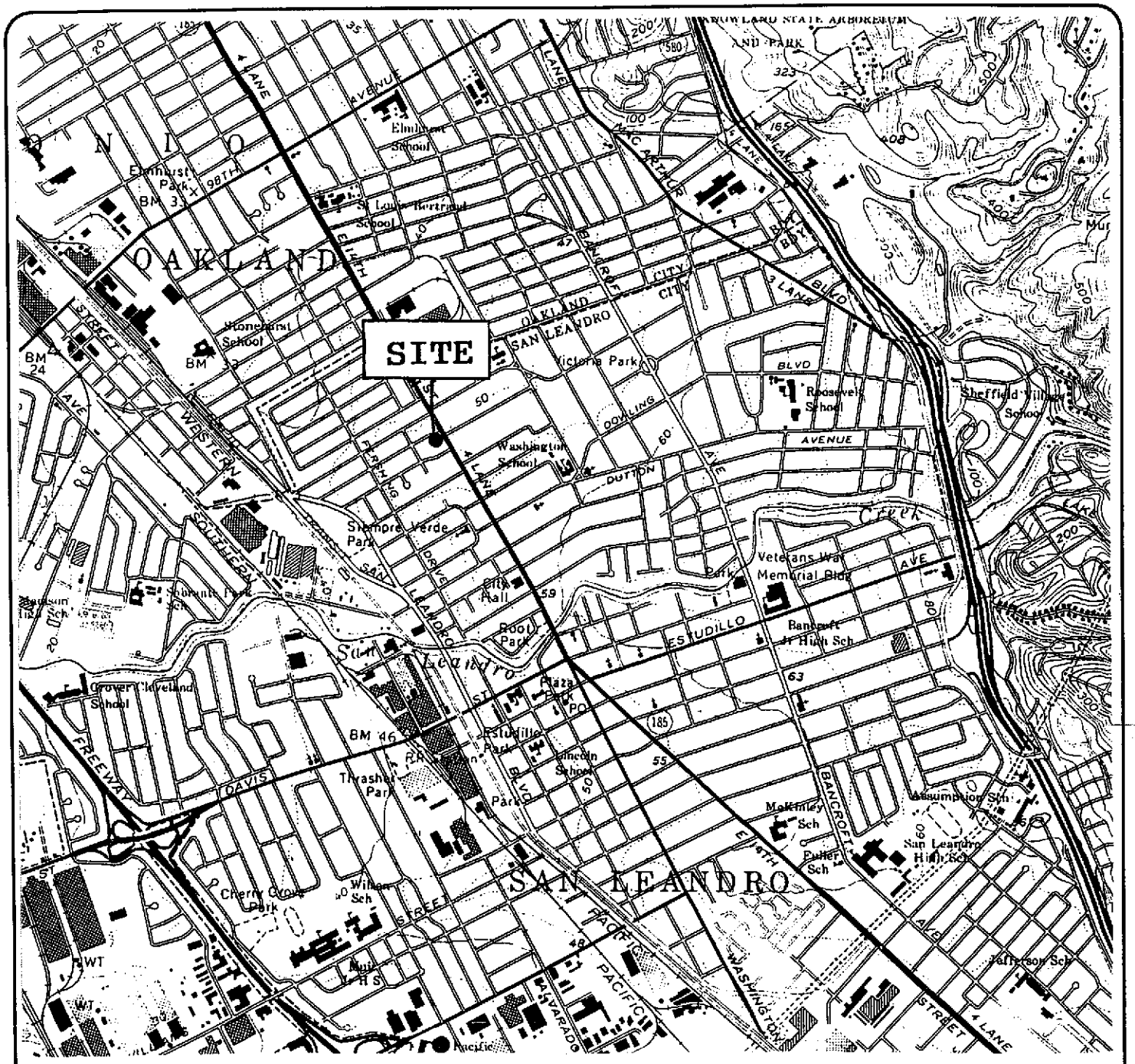
WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES
MW-3	7/17/97	69,000	5,100	1,100	1,800	8,600
	10/21/97	58,000	4,300	1,300	2,100	8,000
	3/10/98	25,000	3,000	1,300	1,100	3,700
	6/6/98	52,000	4,400	1,900	2,300	6,900
	9/30/98	42,000	4,300	1,400	1,800	6,600
	12/30/98	34,000	4,200	770	2,300	9,000
	3/23/99	44,000	3,500	1000	1,700	5,200
	9/29/99	39,000	6,000	840	2,400	8,100
	12/29/99	39,000	4,600	790	2,400	8,100
	3/18/00	21,000	3,100	550	1,400	4,100
	7/18/00	30,000	5,000	950	2,000	5,700
	9/26/00	36,000	5,300	640	2,400	9,900
	12/28/00	33,000	4,700	450	2,100	6,400
	3/20/01	21,000	2,000	260	570	3,000
	3/28/02	31,000	4,400	370	2,200	6,110
MW-4	12/30/98	12,000	1,200	1,100	290	1,400
	3/23/99	89,000	5,900	8,700	2,000	9,200
	9/29/99	48,000	5,300	6,800	1,700	7,700
	3/18/00	44,000	4,500	7,500	2,200	11,000
	3/20/01	10,000	700	620	<10	1,900
	3/28/02	30,000	3,700	3,100	1,100	4,100
MW-5	12/30/98	170	1.1	<0.5	<0.5	0.83
	3/22/99	470	3.8	0.51	2.0	<0.5

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES
MW-5	9/29/99	1,200	13	4.2	2.7	4.2
	3/18/00	660	5.5	0.62	1.6	1.7
MW-6	12/30/98	400	1.0	<0.5	<0.5	4.8
	3/22/99	390	<0.5	<0.5	<0.5	<0.5
	9/30/99	330	1.8	1.4	1.5	<0.5
	3/18/00	200	1.3	<0.5	<0.5	<0.5
	9/26/00	240	1.5	<0.5	<0.5	<0.5
	3/20/01	160	<0.5	<0.5	<0.5	<0.5
	3/28/02	88	0.89	<0.5	<0.5	<1.5
MW-8	12/30/98	2,200	70	0.94	26	15
	3/23/99	2,300	34	1.1	15	13
	9/30/99	8,800	140	<50	53	<50
	12/29/99	1,900	64	1.0	22	23
	3/18/00	1,400	36	<0.5	12	9.3
	7/18/00	3,000	67	9.8	38	38
	9/26/00	1,200	24	3.0	24	15
	12/28/00	1,200	47	3.7	17	18
	3/20/01	1,300	7.8	<2.5	<2.5	14
	10/5/01	1,800	28	<2.5	20	23
	3/28/02	1,100	12	1.7	11	10.8
MW-9	12/30/98	25,000	23	<10	180	620
	3/23/99	27,000	35	<20	600	920
	9/30/99	42,000	140	130	1,000	1,700

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES
MW-9	12/29/99	1,100,000	1,200	1,300	4,300	8,700
	3/18/00	17,000	89	46	10	600
	7/18/00	12,000	39	8.2	540	760
	9/26/00	11,000	19	<5	470	610
	12/28/00	22,000	100	<100	610	770
	3/20/01	8,200	40	<10	14	210
	10/5/01	77,000	<100	110	780	850
	3/28/02	11,000	34	6.1	220	180
MW-10	12/30/98	6,900	130	19	140	210
	3/23/99	6,600	150	33	240	170
	9/30/99	9,300	60	38	280	150
	12/29/99	5,800	87	10	420	180
	3/18/00	3,800	180	11	220	120
	7/18/00	9,100	120	33	210	130
	9/26/00	4,500	22	8.8	1.3	18
	12/28/00	3,900	55	13	98	38
	3/20/01	4,500	48	6.0	<5	23
	10/5/01	5,200	70	28	41	30
	2/28/02	7,400	45	20	210	66
MW-11	12/30/98	80	<0.5	<0.5	0.93	1.6
	3/23/99	<50	<0.5	<0.5	<0.5	<0.5
	9/30/99	94	<0.5	<0.5	<0.5	<0.5
	3/18/00	<50	<0.5	<0.5	<0.5	<0.5

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES
MW-11	9/26/00	<50	<0.5	<0.5	<0.5	<0.5
	3/20/01	<50	<0.5	<0.5	<0.5	<0.5
	3/28/02	<50	<0.5	<0.5	<0.5	<1.5
MW-12	3/20/01	4,100	28	6.2	<5	16
	6/29/01	4,200	26	25	19	29
	12/21/01	5,300	9.7	<2.5	41	14
	3/28/02	4,900	20	<2.5	69	23
MW-13	3/20/01	<50	<0.5	<0.5	<0.5	<0.5
	6/29/01	<50	<0.5	<0.5	<0.5	<0.5
	10/5/01	<50	<0.5	<0.5	<0.5	<0.5
	12/21/01	<50	<0.5	<0.5	<0.5	<0.5
	3/28/02	<50	<0.5	<0.5	<0.5	<1.5
MW-14	3/20/01	200	<0.5	<0.5	<0.5	<0.5
	6/29/01	660	<0.5	<0.5	<0.5	4.6
	10/5/01	770	1.7	1.5	0.91	8.3
	12/21/01	1,500	3.1	13	1.9	22
	3/28/02	390	1.7	<0.5	<0.5	0.74
MW-1A	5/30/97	12,000	18	8.7	90	540
	12/30/98	51	<0.5	<0.5	<0.5	<0.5
	3/23/99	1,800	4.0	<0.5	3.0	7.5
	3/23/99	2,200	10	0.52	3.1	7.1
	9/30/99	13,000	63	26	30	72
	3/8/00	6,100	36	<5	9.7	45

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES
MW-1A	9/26/00	11,000	14	<5	65	150
	3/20/01	4,800	30	6.0	<5	7.0
	10/5/01	15,000	76	41	36	140
	3/28/02	9,300	35	<12.5	17	32
141 Farrelly	4/6/96	<50	<0.5	<0.5	<0.5	<0.5
	10/2/99	<50	<0.5	<0.5	<0.5	<0.5
	3/18/00	<50	<0.5	<0.5	<0.5	<0.5
	7/13/00	<50	<0.5	<0.5	<0.5	<0.5
	9/26/00	<50	<0.5	<0.5	<0.5	<0.5
	12/29/00	<50	<0.5	<0.5	<0.5	<0.5
	12/21/01	<50	<0.5	<0.5	<0.5	<0.5

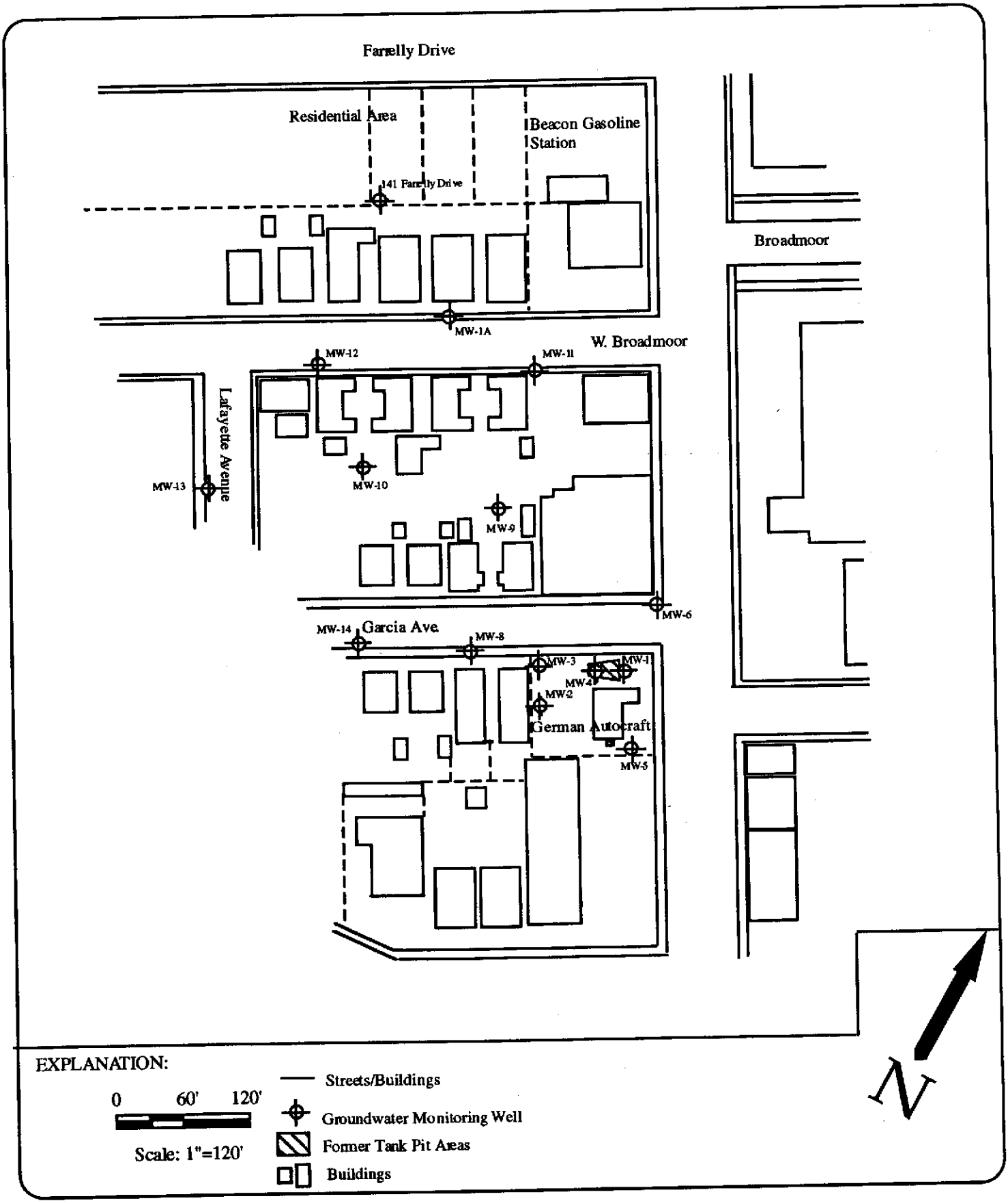


ENVIRONMENTAL TESTING & MGMT
111 N. MARKET ST. SUITE 600
SAN JOSE, CALIFORNIA 95113

LOCATION MAP
German Autocraft
301 East 14th Street
San Leandro, California

Figure 1

Project No. 94-52
Date: 3/97



ENVIRONMENTAL TESTING
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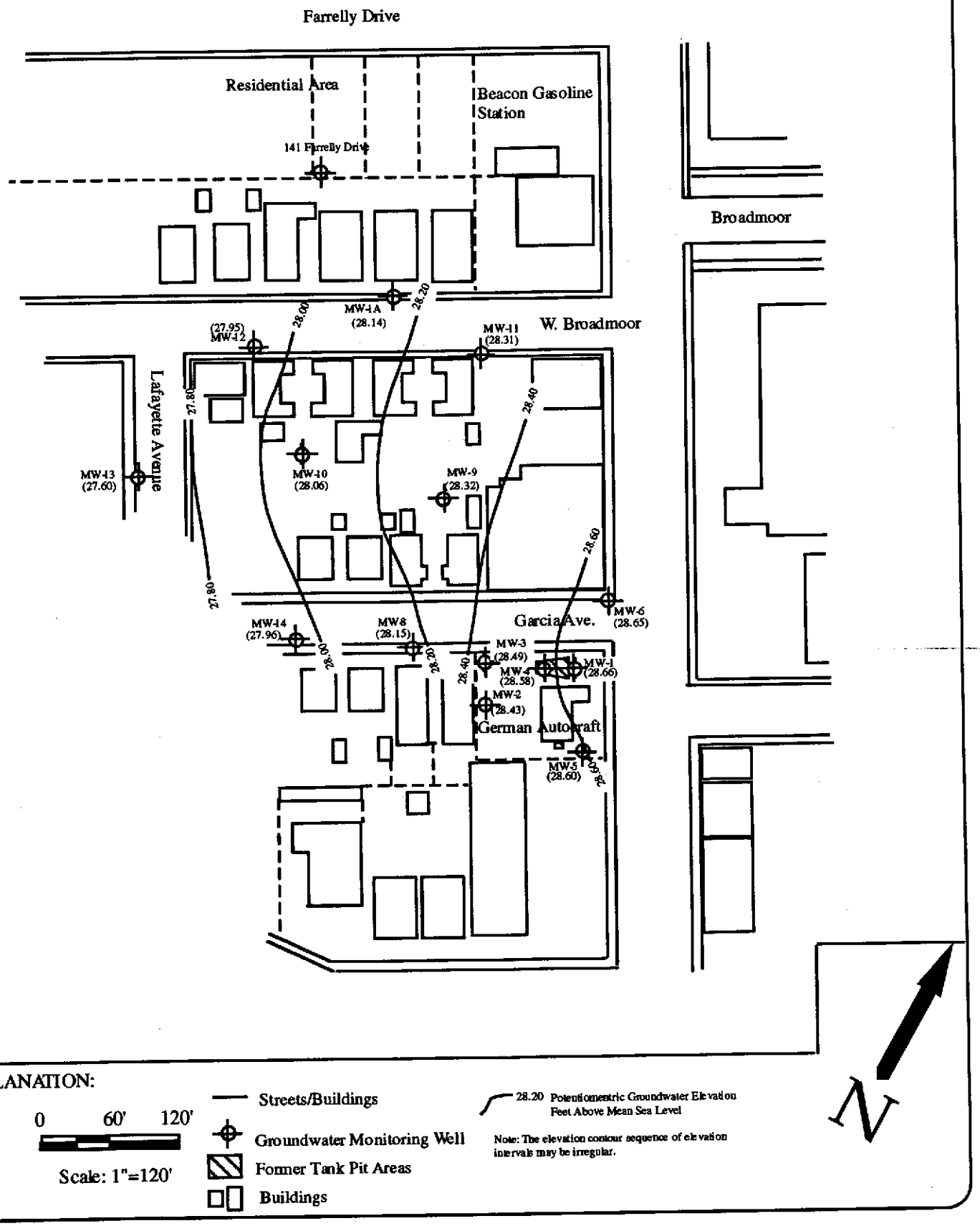
SAN JOSE, CA 95112

German Autocraft
301 East 14th Street
San Leandro, California

Figure 2

Date: 3/01



ENVIRONMENTAL TESTING
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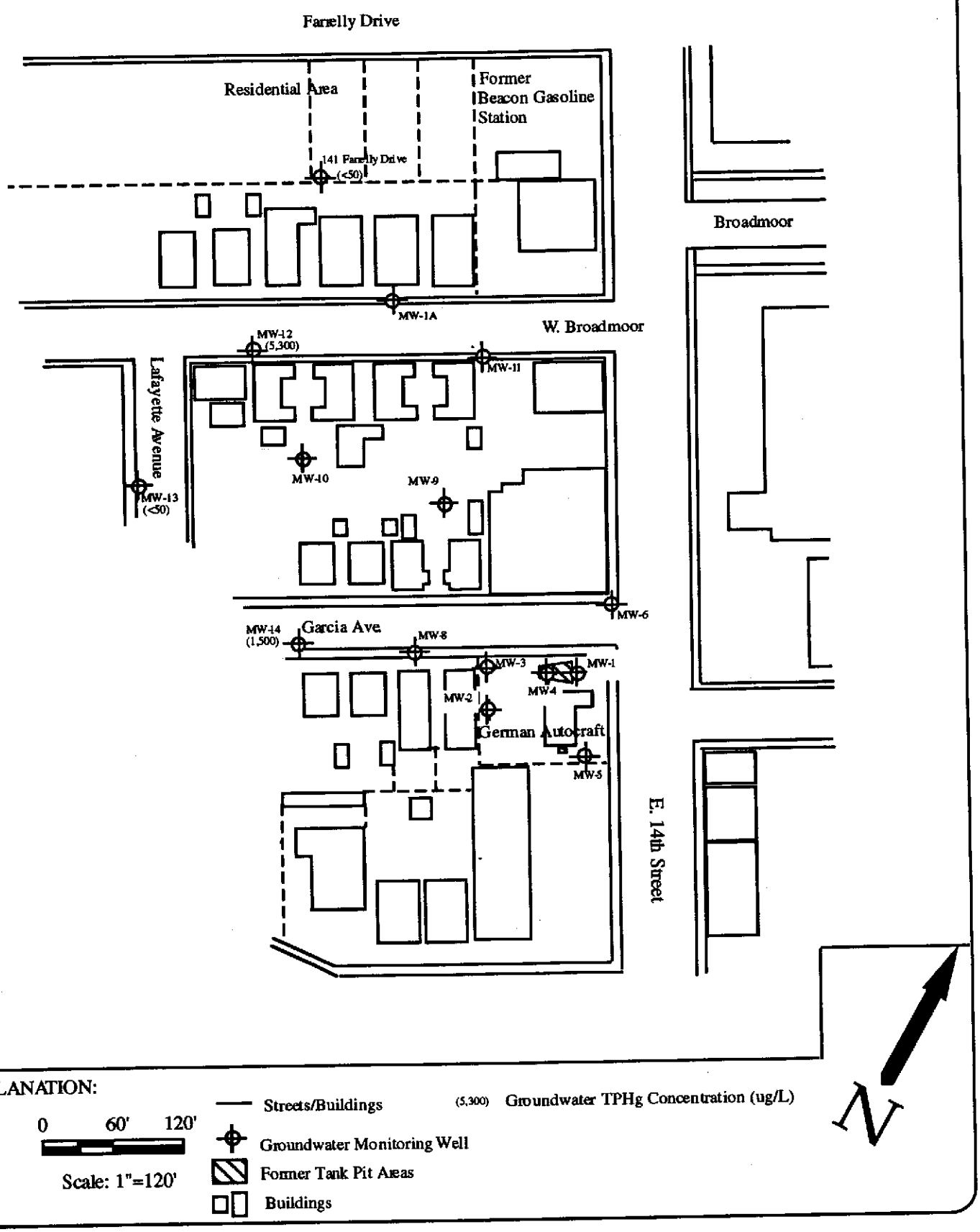
SAN JOSE, CA 95112

Groundwater Potentiometric Elevation Map (3/28/02)
German Autocraft
301 East 14th Street
San Leandro, California

Figure 3

Date: 4/02



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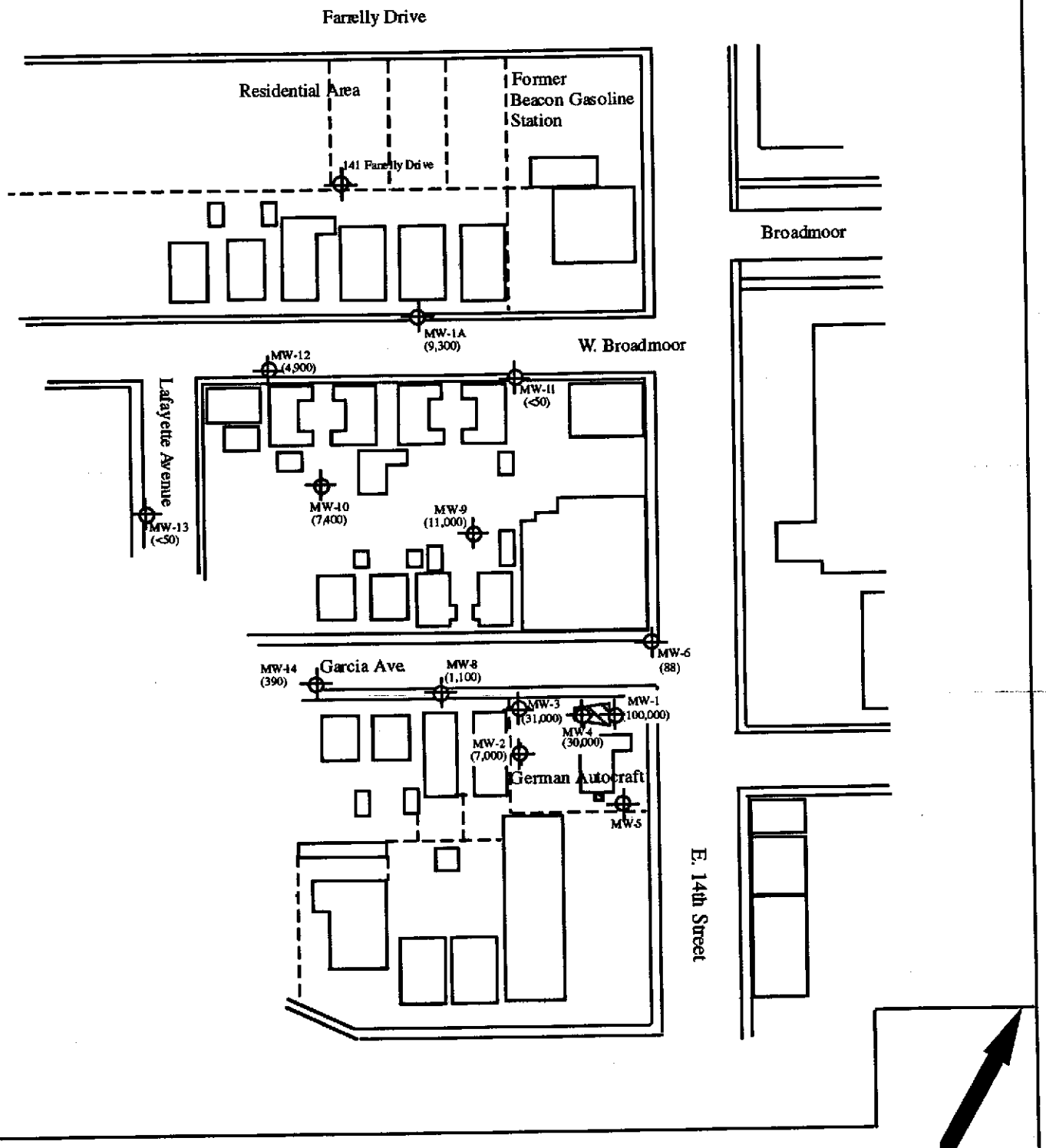
SAN JOSE, CA 95112
(408) 453-1800 FAX: (408) 453-1801

VICINITY MAP WITH GROUNDWATER
TPHg CONCENTRATIONS (12/21/02)
German Autocraft
301 East 14th Street
San Leandro, California

Figure 4a

Date: 4/02



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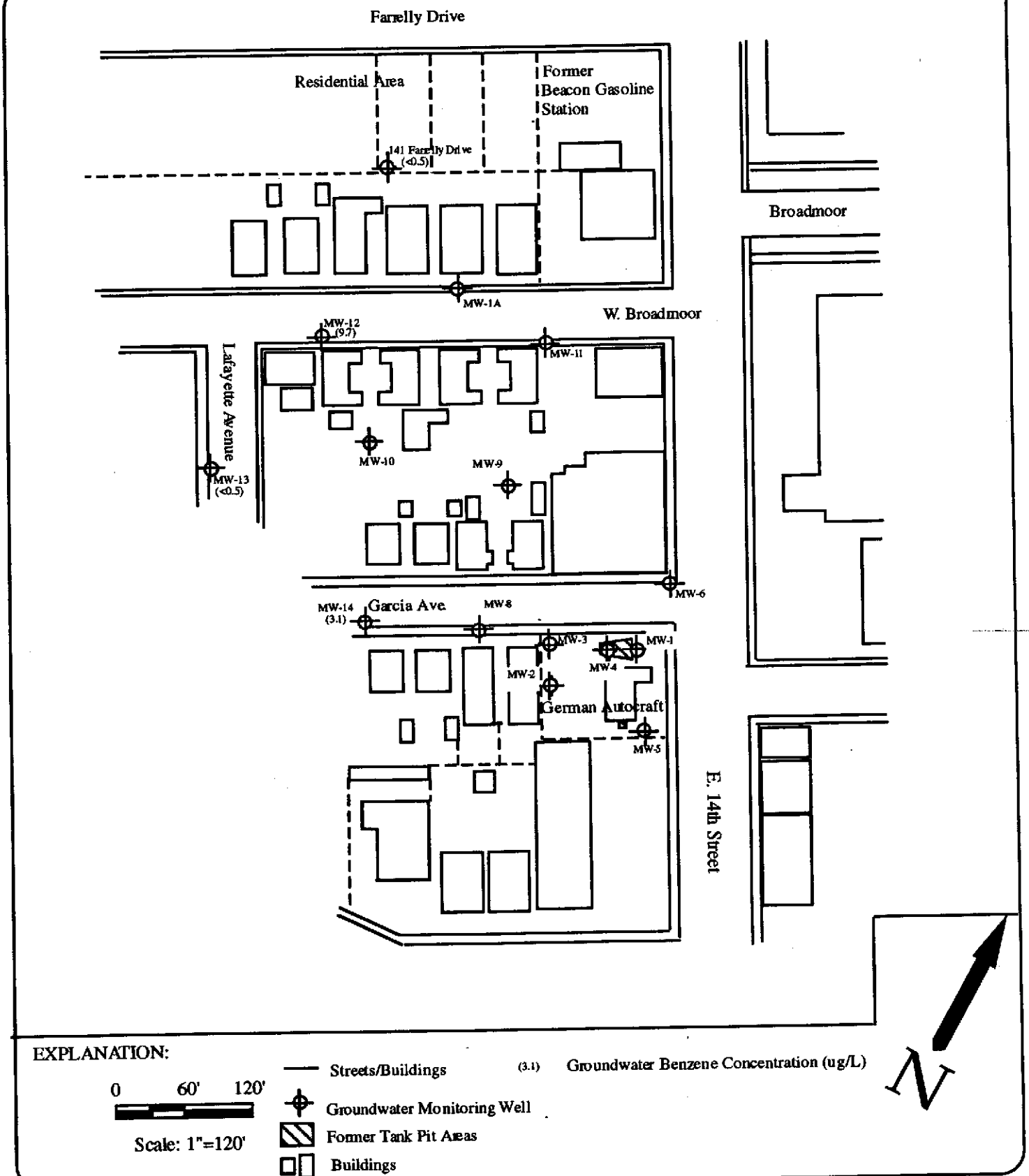
SAN JOSE, CA 95112
(408) 453-1800 FAX: (408) 453-1801

VICINITY MAP WITH GROUNDWATER
TPHg CONCENTRATIONS (3/28/02)
German Autocraft
301 East 14th Street
San Leandro, California

Figure 4b

Date: 4/02



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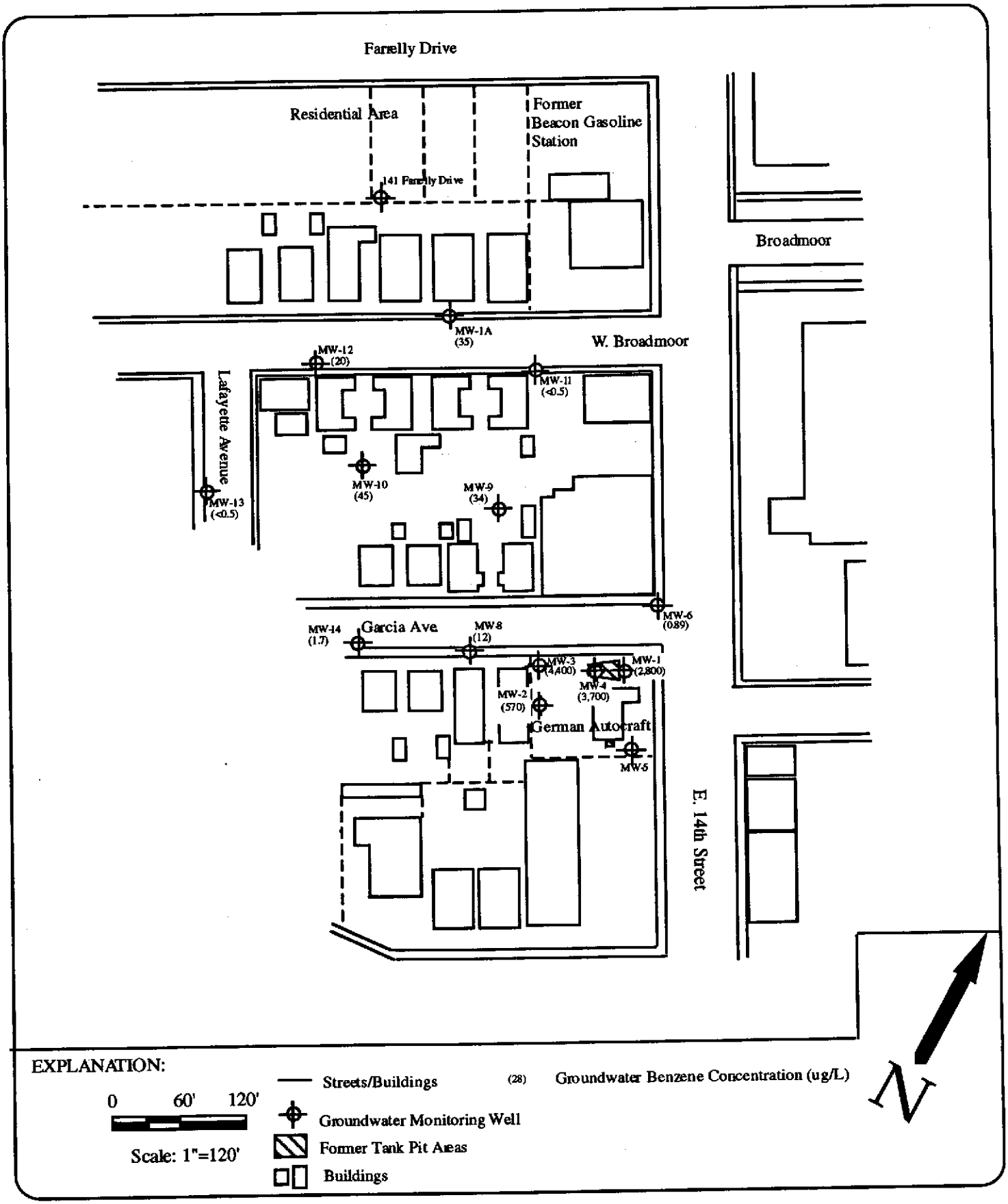
SAN JOSE, CA 95112
(408) 453-1800 FAX: (408) 453-1801

VICINITY MAP WITH GROUNDWATER
BENZENE CONCENTRATIONS (12/21/01)
German Autocraft
301 East 14th Street
San Leandro, California

Figure 5a

Date: 4/02



ENVIRONMENTAL TESTING
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SAN JOSE, CA 95112
(408) 453-1800 FAX: (408) 453-1801

VICINITY MAP WITH GROUNDWATER
BENZENE CONCENTRATIONS (3/28/02)
German Autocraft
301 East 14th Street
San Leandro, California

Figure 5b

Date: 4/02

APPENDIX A: FIELD SAMPLING AND GAUGING PROCEDURES

GROUNDWATER LEVEL MEASURING AND SAMPLING:

Sampling procedures commenced with measuring static water levels in monitoring wells using an electronic water level indicator accurate to 0.01 foot. Groundwater samples were collected using Teflon™ or stainless steel bailers. The bailers were cleaned prior to lowering into the groundwater by washing with Liquinox or laboratory grade detergent, rinsing with tap water, and drying. Floating product thickness was measured by gently lowering a bailer or preferably an interface sampler into the well casing. The liquid level in the sampler was allowed to equilibrate with the liquid level in the well. After raising the sampler, the thickness of floating product, if present, was measured in the transparent sampler with a ruler or noting the presence of sheen and odor. The wells were then purged a minimum of four well volumes or until the parameters of temperature, conductance, and pH stabilized.

Groundwater samples were collected by gently pouring from the bailer into a 40-milliliter vial until a positive meniscus formed at the top of the vial, each vial was capped, and visually inspected to make sure no bubbles were present. Sample containers are labeled for sampling point reference and chilled on ice immediately after collection. Chain-of-custody documentation was maintained until the samples were received by the laboratory.

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

January 04, 2002

Tom Price
Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112

Order: 28353
Project Name:
Project Number:
Project Notes:

Date Collected: 12/21/01
Date Received: 12/26/01
P.O. Number: GAAQ01

On December 26, 2001, samples were received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Liquid	Gas/BTEX	EPA 8015 MOD. (Purgeable)
		EPA 8020

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-588-0200.

Sincerely,

Michelle L. Anderson
Laboratory Director

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 01/04/02
Date Received: 12/26/01
Project Name:
Project Number:
P.O. Number: GAAQ01
Sampled By: Tom Price

Certified Analytical Report

Order ID: 28353 **Lab Sample ID:** 28353-001 **Client Sample ID:** MW-12

Sample Time: **Sample Date:** 12/21/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	9.7		5	0.5	2.5	µg/L	N/A	1/3/02	WGC22275B	EPA 8020
Toluene	ND		5	0.5	2.5	µg/L	N/A	1/3/02	WGC22275B	EPA 8020
Ethyl Benzene	41		5	0.5	2.5	µg/L	N/A	1/3/02	WGC22275B	EPA 8020
Xylenes, Total	14		5	0.5	2.5	µg/L	N/A	1/3/02	WGC22275B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	74	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	5300		5	50	250	µg/L	N/A	1/3/02	WGC22275B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	99	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 01/04/02
Date Received: 12/26/01
Project Name:
Project Number:
P.O. Number: GAAQ01
Sampled By: Tom Price

Certified Analytical Report

Order ID: 28353 **Lab Sample ID:** 28353-002 **Client Sample ID:** MW-13

Sample Time: **Sample Date:** 12/21/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.5	0.5	µg/L	N/A	12/31/01	WGC42274	EPA 8020
Toluene	ND		1	0.5	0.5	µg/L	N/A	12/31/01	WGC42274	EPA 8020
Ethyl Benzene	ND		1	0.5	0.5	µg/L	N/A	12/31/01	WGC42274	EPA 8020
Xylenes, Total	ND		1	0.5	0.5	µg/L	N/A	12/31/01	WGC42274	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	98	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	50	50	µg/L	N/A	12/31/01	WGC42274	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	101	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 01/04/02
Date Received: 12/26/01
Project Name:
Project Number:
P.O. Number: GAAQ01
Sampled By: Tom Price

Certified Analytical Report

Order ID: 28353 **Lab Sample ID:** 28353-003 **Client Sample ID:** MW-14

Sample Time: **Sample Date:** 12/21/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	3.1		2	0.5	1	µg/L	N/A	1/4/02	WGC22277	EPA 8020
Toluene	13		2	0.5	1	µg/L	N/A	1/4/02	WGC22277	EPA 8020
Ethyl Benzene	1.9		2	0.5	1	µg/L	N/A	1/4/02	WGC22277	EPA 8020
Xylenes, Total	22		2	0.5	1	µg/L	N/A	1/4/02	WGC22277	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	85	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	1500		2	50	100	µg/L	N/A	1/4/02	WGC22277	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	52	65 - 135

Comment: Surrogate recovery out of control limits due to matrix interference.

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

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Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 01/04/02
Date Received: 12/26/01
Project Name:
Project Number:
P.O. Number: GAAQ01
Sampled By: Tom Price

Certified Analytical Report

Order ID: 28353 **Lab Sample ID:** 28353-004 **Client Sample ID:** 141 Farrelly

Sample Time: **Sample Date:** 12/21/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.5	0.5	µg/L	N/A	1/2/02	WGC42274B	EPA 8020
Toluene	ND		1	0.5	0.5	µg/L	N/A	1/2/02	WGC42274B	EPA 8020
Ethyl Benzene	ND		1	0.5	0.5	µg/L	N/A	1/2/02	WGC42274B	EPA 8020
Xylenes, Total	ND		1	0.5	0.5	µg/L	N/A	1/2/02	WGC42274B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	101	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	50	50	µg/L	N/A	1/2/02	WGC42274B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	103	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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Quality Control Results Summary

QC Batch #: WGC42274
Matrix: Liquid

Units: µg/L
Date Analyzed: 12/31/01

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		561		503.94	LCS	89.8			59.2 - 111.9
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			102			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		7.147	LCS	115.3			65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		7.679	LCS	98.4			65.0 - 135.0
Toluene	EPA 8020	ND		35.8		34.623	LCS	96.7			65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		38.362	LCS	89.2			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			108			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		561		498.32	LCSD	88.8	1.12	25.00	59.2 - 111.9
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			99			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		7.103	LCSD	114.6	0.62	25.00	65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		7.419	LCSD	95.1	3.44	25.00	65.0 - 135.0
Toluene	EPA 8020	ND		35.8		35.334	LCSD	98.7	2.03	25.00	65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		37.91	LCSD	88.2	1.19	25.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			106			65 - 135					

Entech Analytical Labs, Inc.

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Quality Control Results Summary

QC Batch #: WGC42274B
Matrix: Liquid
Units: µg/L
Date Analyzed: 1/2/02

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		561		503.45	LCS	89.7			59.2 - 111.9
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			100			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		7.21	LCS	116.3			65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		7.538	LCS	96.6			65.0 - 135.0
Toluene	EPA 8020	ND		35.8		35.596	LCS	99.4			65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		38.519	LCS	89.6			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			105			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		561		504.45	LCSD	89.9	0.20	25.00	59.2 - 111.9
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			98			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		7.266	LCSD	117.2	0.77	25.00	65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		7.913	LCSD	101.4	4.85	25.00	65.0 - 135.0
Toluene	EPA 8020	ND		35.8		35.317	LCSD	98.7	0.79	25.00	65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		39.727	LCSD	92.4	3.09	25.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			106			65 - 135					

Entech Analytical Labs, Inc.

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Quality Control Results Summary

QC Batch #: WGC22275B
Matrix: Liquid

Units: µg/L
Date Analyzed: 1/3/02

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		561		488	LCS	87.0			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			75			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		4.9	LCS	79.0			65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		7.2	LCS	92.3			65.0 - 135.0
Toluene	EPA 8020	ND		35.8		36	LCS	100.6			65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		41	LCS	95.3			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			101			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		561		471	LCSD	84.0	3.55	25.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			77			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		4.7	LCSD	75.8	4.17	25.00	65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		7	LCSD	89.7	2.82	25.00	65.0 - 135.0
Toluene	EPA 8020	ND		35.8		35	LCSD	97.8	2.82	25.00	65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		39	LCSD	90.7	5.00	25.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			101			65 - 135					

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Quality Control Results Summary

QC Batch #: WGC22277 **Units:** µg/L
Matrix: Liquid **Date Analyzed:** 1/4/02

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		561		482.859	LCS	86.1			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			76			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		4.838	LCS	78.0			65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		7.081	LCS	90.8			65.0 - 135.0
Toluene	EPA 8020	ND		35.8		35.236	LCS	98.4			65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		40.113	LCS	93.3			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			101			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		561		469.428	LCSD	83.7	2.82	25.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			76			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		4.909	LCSD	79.2	1.46	25.00	65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		6.982	LCSD	89.5	1.41	25.00	65.0 - 135.0
Toluene	EPA 8020	ND		35.8		34.937	LCSD	97.6	0.85	25.00	65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		39.655	LCSD	92.2	1.15	25.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			102			65 - 135					

Entech Analytical Labs, Inc.

3334 Victor Court (408) 588-0200
Santa Clara, CA 95054 (408) 588-0201 - Fax

Chain of Custody / Analysis Request

Attention to: Tom Price	Phone No.: (408) 4531800	Purchase Order No.: GAAQ01	Send Invoice to (if Different)	Phone	
Company Name: Environmental Testing	Fax No.: 408 4531809	Project Number:	Company		
Mailing Address: 1792 Rogers Ave		Project Name: GA	Billing Address (If Different)		
City: San Jose	State: CA	Zip: 95112	Project Location:	City:	State / Zip

Sampler: Tom Price

Date: 12/21/01

Turn Around Time: Same Day ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ Standard ☒

Order ID:

Client ID	Laboratory No.	Sampling Date	Sampling Time	Matrix	Composite	Grab	Containers	Preservative	Remarks
MW-12	28353-001	12/21/01				X			
MW-13	-002					X			
MW-14	-003					X			
141 Farrally	-004	↓				X			

Preservative / Analysis Requested:
- Volatile Organics by GC/MS: 624 ☐ Fuel Oxygenates by 8240 ☐ MTBE by 8260B ☐ Freon 113 ☐ 8260B ☐ 8260B ☐
- Pesticides-8081 ☐ PCBs - 8082 ☐
- Halogenated or Aromatic Volatiles: 601/8010 ☐ F113 ☐ 8021 ☐
- TPH as Gas/BTEX 602/8020 ☐ X
- TPH as Gas/BTEX/MTBE 602/8020 ☐
- Base/Neutral/Acid Organics 8270 ☐ 8270-SIMS ☐
- Fuel Scan ☐ Diesel ☐
- w/ Si-gel Standard Cleanup ☐
- w/ Si-gel Column Cleanup ☐
- TRPH ☐ Oil & Grease ☐
- THM (502.2)
- Metals - Circle Below Total ☐ Dissolved ☐

Relinquished by:	Received by:	Date:	Time:
Tom Price		12/26/01	1155
Relinquished by:	Received by:	Date:	Time:
Relinquished by:	Received by:	Date:	Time:
Relinquished by:	Received by:	Date:	Time:

Special Instructions or Comments

☐ NPDES Detection Limits

Metals: Al, As, Sb, Ba, Be, B, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Mo, Ni, K, Si, Ag, Na, Se, Sr, Tl, Sn, Ti, V, Zn, W : CAM-17 ☐ Plating ☐ PPM-13 ☐ LUFT-5 ☐

Entech Analytical Labs, Inc.

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April 09, 2002

Tom Price
Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112

Order: 29503
Project Name:
Project Number: GA
Project Notes:

Date Collected: 03/28/02
Date Received: 03/29/02
P.O. Number: GA 1Q 02

On March 29, 2002, samples were received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Liquid	Gas/BTEX	EPA 8015 MOD. (Purgeable)
		EPA 8020

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-588-0200.

Sincerely,

Patti Sandrock
QA/QC Manager

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 04/09/02
Date Received: 03/29/02
Project Name:
Project Number: GA
P.O. Number: GA 1Q 02
Sampled By: Client

Certified Analytical Report

Order ID: 29503 **Lab Sample ID:** 29503-001 **Client Sample ID:** MW-1

Sample Time: **Sample Date:** 03/28/02 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	2800		1000	0.5	500	µg/L	N/A	04/01/02	WGC42382B	EPA 8020
Toluene	24000		1000	0.5	500	µg/L	N/A	04/01/02	WGC42382B	EPA 8020
Ethyl Benzene	5400		1000	0.5	500	µg/L	N/A	04/01/02	WGC42382B	EPA 8020
Xylene, o	8900		1000	0.5	500	µg/L	N/A	04/01/02	WGC42382B	EPA 8020
Xylene, m+p	20000		1000	1	1000	µg/L	N/A	04/01/02	WGC42382B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	101.2	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	100000		1000	50	50000	µg/L	N/A	04/01/02	WGC42382B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	87.9	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Patti Sandrock, QA/QC Manager

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 04/09/02
Date Received: 03/29/02
Project Name:
Project Number: GA
P.O. Number: GA 1Q 02
Sampled By: Client

Certified Analytical Report

Order ID: 29503 **Lab Sample ID:** 29503-002 **Client Sample ID:** MW-1A

Sample Time: **Sample Date:** 03/28/02 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	35		25	0.5	12.5	µg/L	N/A	04/03/02	WGC42387	EPA 8020
Toluene	ND		25	0.5	12.5	µg/L	N/A	04/03/02	WGC42387	EPA 8020
Ethyl Benzene	17		25	0.5	12.5	µg/L	N/A	04/03/02	WGC42387	EPA 8020
Xylene, o	ND		25	0.5	12.5	µg/L	N/A	04/03/02	WGC42387	EPA 8020
Xylene, m+p	32		25	1	25	µg/L	N/A	04/03/02	WGC42387	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	110.5	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	9300		25	50	1250	µg/L	N/A	04/03/02	WGC42387	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	136.7	65 - 135
aaa-Trifluorotoluene	94.0	65 - 135

Comment: High surrogate recovery due to sample matrix.

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Patti Sandrock, QA/QC Manager

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Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 04/09/02
Date Received: 03/29/02
Project Name:
Project Number: GA
P.O. Number: GA 1Q 02
Sampled By: Client

Certified Analytical Report

Order ID: 29503 **Lab Sample ID:** 29503-003 **Client Sample ID:** MW-2

Sample Time: **Sample Date:** 03/28/02 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	570		25	0.5	12.5	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Toluene	16		25	0.5	12.5	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Ethyl Benzene	170		25	0.5	12.5	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Xylene, o	ND		25	0.5	12.5	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Xylene, m+p	71		25	1	25	µg/L	N/A	04/02/02	WGC42385	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	133.3	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	7000		25	50	1250	µg/L	N/A	04/02/02	WGC42385	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	177.9	65 - 135
aaa-Trifluorotoluene	90.8	65 - 135

Comment: High surrogate recovery due to sample matrix.

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Patti Sandrock, QA/QC Manager

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Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 04/09/02
Date Received: 03/29/02
Project Name:
Project Number: GA
P.O. Number: GA 1Q 02
Sampled By: Client

Certified Analytical Report

Order ID: 29503 **Lab Sample ID:** 29503-004 **Client Sample ID:** MW-3

Sample Time: **Sample Date:** 03/28/02 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	4400		200	0.5	100	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Toluene	370		200	0.5	100	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Ethyl Benzene	2200		200	0.5	100	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Xylene, o	910		200	0.5	100	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Xylene, m+p	5200		200	1	200	µg/L	N/A	04/02/02	WGC42385	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	108.4	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	31000		200	50	10000	µg/L	N/A	04/02/02	WGC42385	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	102.5	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Patti Sandrock, QA/QC Manager

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Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 04/09/02
Date Received: 03/29/02
Project Name:
Project Number: GA
P.O. Number: GA 1Q 02
Sampled By: Client

Certified Analytical Report

Order ID: 29503 **Lab Sample ID:** 29503-005 **Client Sample ID:** MW-4

Sample Time: **Sample Date:** 03/28/02 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	3700		200	0.5	100	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Toluene	3100		200	0.5	100	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Ethyl Benzene	1100		200	0.5	100	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Xylene, o	1100		200	0.5	100	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Xylene, m+p	3000		200	1	200	µg/L	N/A	04/02/02	WGC42385	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	101.2	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	30000		200	50	10000	µg/L	N/A	04/02/02	WGC42385	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.2	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

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Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 04/09/02
Date Received: 03/29/02
Project Name:
Project Number: GA
P.O. Number: GA 1Q 02
Sampled By: Client

Certified Analytical Report

Order ID: 29503 **Lab Sample ID:** 29503-006 **Client Sample ID:** MW-6

Sample Time: **Sample Date:** 03/28/02 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	0.89		1	0.5	0.5	µg/L	N/A	04/01/02	WGC42382B	EPA 8020
Toluene	ND		1	0.5	0.5	µg/L	N/A	04/01/02	WGC42382B	EPA 8020
Ethyl Benzene	ND		1	0.5	0.5	µg/L	N/A	04/01/02	WGC42382B	EPA 8020
Xylene, o	ND		1	0.5	0.5	µg/L	N/A	04/01/02	WGC42382B	EPA 8020
Xylene, m+p	ND		1	1	1	µg/L	N/A	04/01/02	WGC42382B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	102.5	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	88		1	50	50	µg/L	N/A	04/01/02	WGC42382B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	89.5	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

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San Jose, CA 95112
Attn: Tom Price

Date: 04/09/02
Date Received: 03/29/02
Project Name:
Project Number: GA
P.O. Number: GA 1Q 02
Sampled By: Client

Certified Analytical Report

Order ID: 29503 **Lab Sample ID:** 29503-007 **Client Sample ID:** MW-8

Sample Time: **Sample Date:** 03/28/02 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	12		1	0.5	0.5	µg/L	N/A	04/01/02	WGC42382B	EPA 8020
Toluene	1.7		1	0.5	0.5	µg/L	N/A	04/01/02	WGC42382B	EPA 8020
Ethyl Benzene	11		1	0.5	0.5	µg/L	N/A	04/01/02	WGC42382B	EPA 8020
Xylene, o	2.2		1	0.5	0.5	µg/L	N/A	04/01/02	WGC42382B	EPA 8020
Xylene, m+p	8.6		1	1	1	µg/L	N/A	04/01/02	WGC42382B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	131.6	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	1100		1	50	50	µg/L	N/A	04/01/02	WGC42382B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	296.5	65 - 135
aaa-Trifluorotoluene	93.5	65 - 135

Comment: High surrogate recovery due to sample matrix.

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Patti Sandrock, QA/QC Manager

Environmental Analysis Since 1983

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Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 04/09/02
Date Received: 03/29/02
Project Name:
Project Number: GA
P.O. Number: GA 1Q 02
Sampled By: Client

Certified Analytical Report

Order ID: 29503 **Lab Sample ID:** 29503-008 **Client Sample ID:** MW-9

Sample Time: **Sample Date:** 03/28/02 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	34		10	0.5	5	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Toluene	6.1		10	0.5	5	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Ethyl Benzene	220		10	0.5	5	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Xylene, o	ND		10	0.5	5	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Xylene, m+p	180		10	1	10	µg/L	N/A	04/02/02	WGC42385	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	174.3	65 - 135
aaa-Trifluorotoluene	101.3	65 - 135

Comment: High surrogate recovery due to sample matrix.

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	11000		10	50	500	µg/L	N/A	04/02/02	WGC42385	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	296.8	65 - 135
aaa-Trifluorotoluene	99.2	65 - 135

Comment: High surrogate recovery due to sample matrix.

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Patti Sandrock, QA/QC Manager

Environmental Analysis Since 1983

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Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 04/09/02
Date Received: 03/29/02
Project Name:
Project Number: GA
P.O. Number: GA 1Q 02
Sampled By: Client

Certified Analytical Report

Order ID: 29503 **Lab Sample ID:** 29503-009 **Client Sample ID:** MW-10

Sample Time: **Sample Date:** 03/28/02 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	45		20	0.5	10	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Toluene	20		20	0.5	10	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Ethyl Benzene	210		20	0.5	10	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Xylene, o	ND		20	0.5	10	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Xylene, m+p	66		20	1	20	µg/L	N/A	04/02/02	WGC42385	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	169.1	65 - 135
aaa-Trifluorotoluene	87.2	65 - 135

Comment: High surrogate recovery due to sample matrix.

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	7400		20	50	1000	µg/L	N/A	04/02/02	WGC42385	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	243.6	65 - 135
aaa-Trifluorotoluene	80.5	65 - 135

Comment: High surrogate recovery due to sample matrix.

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Patti Sandrock, QA/QC Manager

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 04/09/02
Date Received: 03/29/02
Project Name:
Project Number: GA
P.O. Number: GA 1Q 02
Sampled By: Client

Certified Analytical Report

Order ID: 29503 **Lab Sample ID:** 29503-010 **Client Sample ID:** MW-11

Sample Time: **Sample Date:** 03/28/02 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.5	0.5	µg/L	N/A	04/03/02	WGC42387	EPA 8020
Toluene	ND		1	0.5	0.5	µg/L	N/A	04/03/02	WGC42387	EPA 8020
Ethyl Benzene	ND		1	0.5	0.5	µg/L	N/A	04/03/02	WGC42387	EPA 8020
Xylene, o	ND		1	0.5	0.5	µg/L	N/A	04/03/02	WGC42387	EPA 8020
Xylene, m+p	ND		1	1	1	µg/L	N/A	04/03/02	WGC42387	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	101.1	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	50	50	µg/L	N/A	04/03/02	WGC42387	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	87.6	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Patti Sandrock, QA/QC Manager

Environmental Analysis Since 1983

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Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 04/09/02
Date Received: 03/29/02
Project Name:
Project Number: GA
P.O. Number: GA 1Q 02
Sampled By: Client

Certified Analytical Report

Order ID: 29503 **Lab Sample ID:** 29503-011 **Client Sample ID:** MW-12

Sample Time: **Sample Date:** 03/28/02 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	20		5	0.5	2.5	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Toluene	ND		5	0.5	2.5	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Ethyl Benzene	69		5	0.5	2.5	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Xylene, o	ND		5	0.5	2.5	µg/L	N/A	04/02/02	WGC42385	EPA 8020
Xylene, m+p	23		5	1	5	µg/L	N/A	04/02/02	WGC42385	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	261.9	65 - 135
aaa-Trifluorotoluene	96.0	65 - 135

Comment: High surrogate recovery due to sample matrix.

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	4900		5	50	250	µg/L	N/A	04/02/02	WGC42385	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	526.2	65 - 135
aaa-Trifluorotoluene	91.6	65 - 135

Comment: High surrogate recovery due to sample matrix.

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Patti Sandrock, QA/QC Manager

Environmental Analysis Since 1983

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Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 04/09/02
Date Received: 03/29/02
Project Name:
Project Number: GA
P.O. Number: GA 1Q 02
Sampled By: Client

Certified Analytical Report

Order ID: 29503 **Lab Sample ID:** 29503-012 **Client Sample ID:** MW-13

Sample Time: **Sample Date:** 03/28/02 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.5	0.5	µg/L	N/A	04/01/02	WGC42382B	EPA 8020
Toluene	ND		1	0.5	0.5	µg/L	N/A	04/01/02	WGC42382B	EPA 8020
Ethyl Benzene	ND		1	0.5	0.5	µg/L	N/A	04/01/02	WGC42382B	EPA 8020
Xylene, o	ND		1	0.5	0.5	µg/L	N/A	04/01/02	WGC42382B	EPA 8020
Xylene, m+p	ND		1	1	1	µg/L	N/A	04/01/02	WGC42382B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.2	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	50	50	µg/L	N/A	04/01/02	WGC42382B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	88.7	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Patti Sandrock, QA/QC Manager

Environmental Analysis Since 1983

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Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 04/09/02
Date Received: 03/29/02
Project Name:
Project Number: GA
P.O. Number: GA 1Q 02
Sampled By: Client

Certified Analytical Report

Order ID: 29503 **Lab Sample ID:** 29503-013 **Client Sample ID:** MW-14

Sample Time: **Sample Date:** 03/28/02 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	1.7		1	0.5	0.5	µg/L	N/A	04/01/02	WGC42382B	EPA 8020
Toluene	ND		1	0.5	0.5	µg/L	N/A	04/01/02	WGC42382B	EPA 8020
Ethyl Benzene	ND		1	0.5	0.5	µg/L	N/A	04/01/02	WGC42382B	EPA 8020
Xylene, o	0.74		1	0.5	0.5	µg/L	N/A	04/01/02	WGC42382B	EPA 8020
Xylene, m+p	ND		1	1	1	µg/L	N/A	04/01/02	WGC42382B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	89.5	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	390		1	50	50	µg/L	N/A	04/01/02	WGC42382B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	99.7	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Patti Sandrock, QA/QC Manager

Environmental Analysis Since 1983

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Quality Control Results Summary

QC Batch #: WGC42382B
Matrix: Liquid
Units: µg/L
Date Analyzed: 04/01/02

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		121		97.85	LCS	80.9			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
4-Bromofluorobenzene			94.3			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		8		7.93	LCS	99.1			65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		8		8.41	LCS	105.1			65.0 - 135.0
Toluene	EPA 8020	ND		8		7.69	LCS	96.1			65.0 - 135.0
Xylenes, total	EPA 8020	ND		24		24.45	LCS	101.9			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
4-Bromofluorobenzene			100.0			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		121		94.32	LCSD	78.0	3.67	25.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
4-Bromofluorobenzene			87.4			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		8		8.29	LCSD	103.6	4.44	25.00	65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		8		8.70	LCSD	108.7	3.39	25.00	65.0 - 135.0
Toluene	EPA 8020	ND		8		8.08	LCSD	101.0	4.95	25.00	65.0 - 135.0
Xylenes, total	EPA 8020	ND		24		25.2	LCSD	105.0	3.02	25.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
4-Bromofluorobenzene			99.6			65 - 135					

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Quality Control Results Summary

QC Batch #: WGC42387
Matrix: Liquid

Units: µg/L
Date Analyzed: 04/03/02

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		121		97.36	LCS	80.5			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
4-Bromofluorobenzene			90.5			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		8		7.92	LCS	99.0			65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		8		8.53	LCS	106.6			65.0 - 135.0
Toluene	EPA 8020	ND		8		7.74	LCS	96.8			65.0 - 135.0
Xylenes, total	EPA 8020	ND		24		24.88	LCS	103.7			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
4-Bromofluorobenzene			100.4			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		121		92.26	LCSD	76.2	5.38	25.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
4-Bromofluorobenzene			90.9			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		8		7.77	LCSD	97.1	1.91	25.00	65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		8		8.33	LCSD	104.1	2.37	25.00	65.0 - 135.0
Toluene	EPA 8020	ND		8		7.55	LCSD	94.4	2.49	25.00	65.0 - 135.0
Xylenes, total	EPA 8020	ND		24		24.36	LCSD	101.5	2.11	25.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
4-Bromofluorobenzene			99.8			65 - 135					

Entech Analytical Labs, Inc.

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Quality Control Results Summary

QC Batch #: WGC42385
Matrix: Liquid
Units: µg/L
Date Analyzed: 04/02/02

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		121		100.50	LCS	83.1			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
4-Bromofluorobenzene			88.7			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		8		7.82	LCS	97.8			65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		8		8.43	LCS	105.4			65.0 - 135.0
Toluene	EPA 8020	ND		8		7.66	LCS	95.8			65.0 - 135.0
Xylenes, total	EPA 8020	ND		24		24.57	LCS	102.4			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
4-Bromofluorobenzene			98.3			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		121		101.44	LCSD	83.8	0.93	25.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
4-Bromofluorobenzene			93.8			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		8		7.66	LCSD	95.8	2.07	25.00	65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		8		8.69	LCSD	108.6	3.04	25.00	65.0 - 135.0
Toluene	EPA 8020	ND		8		7.60	LCSD	95.0	0.79	25.00	65.0 - 135.0
Xylenes, total	EPA 8020	ND		24		24.05	LCSD	100.2	2.14	25.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
4-Bromofluorobenzene			97.4			65 - 135					

Entech Analytical Labs, Inc.

3334 Victor Court (408) 588-0200
Santa Clara, CA 95054 (408) 588-0201 - Fax

Chain of Custody / Analysis Request

Attention to: Tom Price	Phone No.: (408) 453-1800	Purchase Order No.: GA1Q02	Send Invoice to (if Different) / Phone
Company Name: Environmental Testing	Fax No.: 1801	Project Number:	Company
Mailing Address: 1792 Rogers Ave		Project Name: GA.	Billing Address (if Different)
City: San Jose / State: CA / Zip: 95112		Project Location:	City: / State / Zip

Sampler: Tom Price

Date:

Turn Around Time: Same Day ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ Standard ☒

Order ID:

Client ID	Client ID / Laboratory No.	Sampling Date	Sampling Time	Matrix	Composite	Grab	Containers	Preservative	Volatile Organics by GCMS: 624 ☐ / Fuel Oxygenates by 8240 ☐ / MTBE by 8260B ☐ / Pesticides-8081 ☐ / Halogenated or Aromatic Volatiles: 601/8010 ☐ / PCBs - 8082 ☐ / TPH as Gas/BTEX 602/8020 ☐ / TPH as Gas/BTEX/MTBE 8260B ☐ / Base/Neutral/Acid Organics 8270 ☐ / Fuel Scan 8270-SIMS ☐ / Diesel ☐ / Freon 113 ☐ / 8260B ☐ / F113 ☐ / 8021 ☐ / w/ Si-gel Standard Cleanup ☐ / w/ Si-gel Column Cleanup ☐ / TRPH ☐ / Oil & Grease ☐ / THM (502.2) / Metals - Circle Below: Total ☐ Dissolved ☐	Remarks
29503-001	MW-1	3/28/02		W		✓			✓
-002	MW-1A					✓			✓
-003	MW-2					✓			✓
-004	MW-3					✓			✓
-005	MW-4					✓			✓
-006	MW-6					✓			✓
-007	MW-8					✓			✓
-008	MW-9					✓			✓
-009	MW-10					✓			✓
-010	MW-11					✓			✓
-011	MW-12					✓			✓
-012	MW-13					✓			✓
-013	MW-14					✓			✓

Relinquished by:	Received by:	Date:	Time:
Tom Price	Andy K	3/29/02	1040

Special Instructions or Comments

☐ NPDES Detection Limits

Metals: Al, As, Sb, Ba, Be, B, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Mo, Ni, K, Si, Ag, Na, Se, Sr, Tl, Sn, Ti, V, Zn, W : CAM-17 ☐ Plating ☐ PPM-13 ☐ LUFT-5 ☐

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3/28/02 Project Name: GA

Project No.: _____ Well No./Description: MW-2

Depth of Well: 33.10 1 Well Volume: 1.9

Depth to Water: 21.59 4 Well Volumes: _____

Casing Diameter: X 2" __ 4" Actual Volume Purged: _____

Calculations: 1.6 ~~1.2~~ 3.2 ~~1.6~~ 1.92

2" - * 0.1632
4" - * 0.653

Purge Method: ✓ Bailer __ Displacement Pump __ Impinger/Vacuum __

Sample Method: ✓ Bailer __ Other Specify: _____

Sheen: __ No ✓ Yes, Describe Slight

Odor: __ No ✓ Yes, Describe mild HC

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
550	1.9	7.0	18.5	671	gray
555	3.8	6.9	18.4	709	"
600	5.7	7.0	17.6	698	"

Remarks: _____

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3/28/02 Project Name: GA

Project No.: _____ Well No./Description: MW-3

Depth of Well: 34.80 1 Well Volume: 2.2

Depth to Water: 20.83 4 Well Volumes: _____

Casing Diameter: X 2" __ 4" Actual Volume Purged: _____

Calculations: 2 14 / 16 / 18 X / 24

2" - * 0.1632
4" - * 0.653

Purge Method: ✓ Bailer ___ Displacement Pump ___ Impinger/Vacuum ___

Sample Method: ✓ Bailer ___ Other Specify: _____

Sheen: ✓ No ___ Yes, Describe _____

Odor: ___ No ✓ Yes, Describe mild HC.

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
605	2.2	7.0	17.4	611	gray
610	4.4	6.8	17.7	587	"
615	6.6	7.0	17.8	569	

Remarks: _____

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3/28/02 Project Name: GA.

Project No.: _____ Well No./Description: MW-4

Depth of Well: 34.30 1 Well Volume: 2.0

Depth to Water: 21.03 4 Well Volumes: _____

Casing Diameter: __ 2" __ 4" Actual Volume Purged: _____

Calculations: 1 13/16

2" - * 0.1632
4" - * 0.653

1.78

3.00

Purge Method: ✓ Bailer ___ Displacement Pump ___ Impinger/Vacuum ___

Sample Method: ✓ Bailer ___ Other Specify: _____

Sheen: ___ No ___ Yes, Describe _____

Odor: ___ No ✓ Yes, Describe mild HC

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
535	2.0	7.3	18.4	429	gray
540	4.0	7.0	19.0	465	"
545	6.0	7.0	18.9	487	"

Remarks: _____

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3/28/02 Project Name: GA.

Project No.: _____ Well No./Description: MW-1

Depth of Well: 35.60 1 Well Volume: 2.4

Depth to Water: 20.74 4 Well Volumes: _____

Casing Diameter: __ 2" __ 4" Actual Volume Purged: _____

Calculations: 3 16 15 8 16

2" - * 0.1632
4" - * 0.653

Purge Method: ✓ Bailer ___ Displacement Pump ___ Impinger/Vacuum ___

Sample Method: ✓ Bailer ___ Other Specify: _____

Sheen: ___ No ✓ Yes, Describe rainbow

Odor: ___ No ✓ Yes, Describe strong HC

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
520	2.4	7.0	19.2	535	gray
525	4.8				
530	7.2				

Remarks: very strong HC odor w/ sheen, grab sample after 3 gallons

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3/28/02 Project Name: GA.

Project No.: _____ Well No./Description: MW-9

Depth of Well: 33.00 1 Well Volume: 2.1

Depth to Water: 20.45 4 Well Volumes: _____

Casing Diameter: ~~2"~~ 4" Actual Volume Purged: 6.3 gallons

Calculations:

2" - * 0.1632
4" - * 0.653

Purge Method: ~~Bailer~~ Displacement Pump ~~Impinger/Vacuum~~

Sample Method: ~~Bailer~~ Other Specify: _____

Sheen: ___ No ~~Yes~~, Describe moderate

Odor: ___ No ~~Yes~~, Describe HC.

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
425	2.1	7.3	19.2	507	brown
430	4.2	7.1	18.9	503	1
435	6.3	7.0	19.1	509	4

Remarks: _____

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3/28/02 Project Name: GA

Project No.: _____ Well No./Description: MW-6

Depth of Well: 33.10 1 Well Volume: 2.2

Depth to Water: 19.39 4 Well Volumes: _____

Casing Diameter: ~~2"~~ ~~4"~~ Actual Volume Purged: 6.6-gallons

Calculations:

2" - * 0.1632
4" - * 0.653

Purge Method: Bailer ___Displacement Pump ___Impinger/Vacuum ___

Sample Method: Bailer ___ Other Specify: _____

Sheen: ___ No ___ Yes, Describe _____

Odor: ___ No ___ Yes, Describe _____

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
405	2.2	7.3	19.7	484	brown
410	4.4	7.0	19.4	499	"
415	6.6	7.1	19.0	500	"

Remarks: _____

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3/28/02 Project Name: GTA

Project No.: _____ Well No./Description: MW-8

Depth of Well: 29.50 1 Well Volume: 1.3

Depth to Water: 21.19 4 Well Volumes: ~~4.3~~

Casing Diameter: __ 2" __ 4" Actual Volume Purged: 3.9 gallons

Calculations: 4 16

~~8~~

13 8

2" - * 0.1632
4" - * 0.653

Purge Method: ✓ Bailer __Displacement Pump __Impinger/Vacuum __

Sample Method: ✓ Bailer __ Other Specify: _____

Sheen: __ No __ Yes, Describe _____

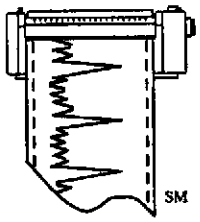
Odor: __ No __ Yes, Describe _____

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
345	1.3	7.4	19.8	393	brown
350	2.6	6.8	19.8	407	1
355	3.9	6.9	20.1	401	1

Remarks: _____

Sampler: _____



ENVIRONMENTAL TESTING

1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3/28/02 Project Name: GA

Project No.: _____ Well No./Description: MW-14

Depth of Well: 30.27 1 Well Volume: ~1.8

Depth to Water: 31.58 4 Well Volumes: _____

Casing Diameter: ✓ 2" __ 4" Actual Volume Purged: _____

Calculations:

$\frac{1}{16}$

2" - * 0.1632
4" - * 0.653

$\frac{16}{1.76}$

Purge Method: ✓ Bailer ___Displacement Pump ___Impinger/Vacuum ___

Sample Method: ✓ Bailer ___ Other Specify: _____

Sheen: ___ No ___ Yes, Describe _____

Odor: ___ No ___ Yes, Describe _____

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
320	1.8	8.1	20.~~8.1~~	416	brown
325	3.6	7.5	19.3	434	"
330	5.4	7.3	18.4	420	"

Remarks: _____

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3/28/00 Project Name: GA

Project No.: ____ Well No./Description: MW-10

Depth of Well: 37.6 1 Well Volume: 2.5

Depth to Water: 21.87 4 Well Volumes: ____

Casing Diameter: ✓2" __4" Actual Volume Purged: 7.5 gallons

Calculations: 37.6 − 21.87 = 15.73 ft

2" - * 0.1632
4" - * 0.653

Purge Method: ✓Bailer ___Displacement Pump ___Impinger/Vacuum ___

Sample Method: ✓Bailer ___ Other Specify:____

Sheen: ___ No ___ Yes, Describe ____

Odor: ___ No ___ Yes, Describe ____

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
355	2.5	7.2	20.4	504	brown
400	5.0	7.0	20.2	498	"
405	7.5				

Remarks:____

Sampler: ____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3/28/02 Project Name: GM

Project No.: _____ Well No./Description: MW-13

Depth of Well: 37.20 1 Well Volume: 2.4

Depth to Water: 21.71 4 Well Volumes: _____

Casing Diameter: ~~2"~~ 4" Actual Volume Purged: 7.2 gallons

Calculations: 3 15 / 12 / 40

2" - * 0.1632
4" - * 0.653

1 5 / 24 0

Purge Method: ✓ Bailer ___ Displacement Pump ___ Impinger/Vacuum ___

Sample Method: ✓ Bailer ___ Other Specify: _____

Sheen: ✓ No ___ Yes, Describe _____

Odor: ✓ No ___ Yes, Describe _____

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
235	2.4	7.4	19.7	458	brown
245	4.8	7.2	20.4	438	6
255	7.2	7.0	19.8	460	3

Remarks: _____

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3/28/02 Project Name: GA

Project No.: _____ Well No./Description: MW-11

Depth of Well: 33.7 1 Well Volume: 2.2

Depth to Water: 19.62 4 Well Volumes: _____

Casing Diameter: ✓2" __4" Actual Volume Purged: _____

Calculations:

2" - * 0.1632
4" - * 0.653

Purge Method: ✓Bailer ___Displacement Pump ___Impinger/Vacuum ___

Sample Method: ✓Bailer ___ Other Specify: _____

Sheen: ___ No ___ Yes, Describe _____

Odor: ___ No ___ Yes, Describe _____

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
210	2.2	7.50	19.2	413	brown
220	4.4	7.2	18.8	393	"
930	6.6	7.1	18.6	409	"

Remarks: _____

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3/28/02 Project Name: GA

Project No.: _____ Well No./Description: MW-1A

Depth of Well: 32.70 1 Well Volume: 1.9

Depth to Water: 20.09 4 Well Volumes: _____

Casing Diameter: ✓2" __4" Actual Volume Purged: _____

Calculations: 1 16 / 12 / 3 2 / 16

2" - * 0.1632
4" - * 0.653

Purge Method: ✓Bailer ___Displacement Pump ___Impinger/Vacuum ___

Sample Method: ___Bailer ___ Other Specify:_____

Sheen: ___ No ___ Yes, Describe _____

Odor: ___ No ___ Yes, Describe _____

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
155	1.9	7.4	20.9	456	brown
205	2.8	7.1	21.2	368	"
215	4.7	7.0	20.3	354	"

Remarks:_____

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3/28/02 Project Name: GA.

Project No.: _____ Well No./Description: mw-12

Depth of Well: 37.9 1 Well Volume: 2.7

Depth to Water: 20.51 4 Well Volumes: _____

Casing Diameter: X 2" __ 4" Actual Volume Purged: 8.1 gal/ms

Calculations:

4
17
16
102
17

2" - * 0.1632
4" - * 0.653

Purge Method: ✓ Bailer __ Displacement Pump __ Impinger/Vacuum __

Sample Method: ✓ Bailer __ Other Specify: _____

Sheen: ✓ No __ Yes, Describe _____

Odor: __ No ✓ Yes, Describe faint HC

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
125	2.7	7.3	24.3	560	brown.
135	5.4	7.2	21.3	523	"
145	8.1	7.2	21.0	546	"

Remarks: _____

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 12/21/01 Project Name: GA

Project No.: _____ Well No./Description: MW-12

Depth of Well: 22.36 1 Well Volume: _____

Depth to Water: 37.9 4 Well Volumes: _____

Casing Diameter: X 2" __ 4" Actual Volume Purged: 6.6 gallons

Calculations: 16 / 15 = 2.2

2" - * 0.1632
4" - * 0.653

Purge Method: X Bailer ___Displacement Pump ___Impinger/Vacuum ___

Sample Method: X Bailer ___ Other Specify: _____

Sheen: X No ___ Yes, Describe _____

Odor: ___ No ___ Yes, Describe _____

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
400	Field meter failure				
4:00	2.2				
4:05	4.4				
4:10	6.6				

Remarks: _____

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 12/21/01 Project Name: GA

Project No.: _____ Well No./Description: mw-13

Depth of Well: 37.3 1 Well Volume: _____

Depth to Water: 23.73 4 Well Volumes: _____

Casing Diameter: __2" __4" Actual Volume Purged: 7.5 gallons.

Calculations:

2" - * 0.1632
4" - * 0.653

Purge Method: X Bailer ___Displacement Pump ___Impinger/Vacuum ___

Sample Method: X Bailer ___ Other Specify: _____

Sheen: X No ___ Yes, Describe _____

Odor: X No ___ Yes, Describe _____

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
310	2.5	Field meter		failure.	
315	5.0				
320	7.5				

Remarks: _____

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 12/21/01 Project Name: GA.

Project No.: _____ Well No./Description: MW-14

Depth of Well: 30.30 1 Well Volume: 1.1

Depth to Water: 23.44 4 Well Volumes: _____

Casing Diameter: X 2" __4" Actual Volume Purged: 3.3 gallons

Calculations: 4.16 / 2 / 1.12

2" - * 0.1632
4" - * 0.653

Purge Method: X Bailer ___Displacement Pump ___Impinger/Vacuum ___

Sample Method: X Bailer ___ Other Specify: _____

Sheen: X No ___ Yes, Describe _____

Odor: X No ___ Yes, Describe _____

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
335	~~2.5~~ 1.1	Field meter failure			
340	~~5~~ 2.2				
345	~~7.5~~ 3.3				

Remarks: _____

Sampler: _____

APPENDIX D: QUALITY ASSURANCE/QUALITY CONTROL PROGRAM

The quality assurance/quality control measures used for groundwater sampling included the following:

- Groundwater samples were collected in duplicate 40 milliliter vials.

Service No. _____

CITY OF SAN LEANDRO
APPLICATION TO PERFORM WORK IN THE PUBLIC RIGHT-OF-WAY

1503
Permit Number

12/21/04
Date Approved

Work Site: W. Broadmoor, Lafayette Ave, Farnum Ave

Applicant: Name Environmental Testing Address 1792 Rogers Ave SJ CA 95112 Tel. (408) 452-1800

Owner: Name Mr. Lee Address 301 E 14th St · San Leandro Tel. (510) 638-5173

Purpose of Permit:

☐ Utility ☐ Street Excavation ☐ Curb, Gutter Sidewalk, Driveway ☑ Other Environmental

Detailed Description and Dimensions of Work: Open 3 well boxes for measurement of groundwater depth/collect samples.

Plan Submitted: Yes ✓ No _____ Profile Submitted Yes _____ No _____

Date Work to be Started: 12/20/04 Date Work to be Completed by: 1/20/05

Building Permit No. _____ State Encroachment Permit No. _____

Oro Loma Permit No. _____ Alameda County Flood Control Permit No. _____

Compliance with State Labor Code: In accordance with Section 3800

☑ Applicant has on file, with the City of San Leandro, evidence that workman's compensation insurance is carried.

☐ Applicant will not employ anyone so as to become subject to the workman's compensation laws of California.

Statement of State Contractor's License: In accordance with Section 7031.5 of the State Business and Professions Code.

☑ Applicant has State License No. ~~A 7 C 12~~ 716002, Class A in full force and effect.

☐ Applicant is exempt from the State Contractor's License Law for the following reason(s):

By the application and acceptance of this permit, the undersigned intending to be legally bound does hereby agree that all work performed will be in accordance with all applicable provisions of this permit and all regulations, provisions, and specifications as adopted by the City. Further, the undersigned agrees that this permit is to serve as a guaranty for payment of all permit and/or inspection charges as billed by the City. Any misrepresentation of information requested from the applicant on this form shall make this permit null and void.

Signature _____ Date: 12/20/4

PLEASE CALL 577-3308 FOR INSPECTIONS

SPECIAL PROVISIONS

Backfill Required / Pavement Section Required / Minimum Depth of Cover: all work shall be per city standard plans and specs.

Police & Fire Dept. to be notified 24 hours prior to start: YES ____ NO ____

* provide pedestrian access and protection at all times. * $500 deposit will be refunded after city Environmental Dept. receives report.

→SEE REVERSE SIDE FOR GENERAL PROVISIONS APPLICABLE TO ALL PERMIT WORK

PERMIT IS VALID WHEN SIGNED

Any omission on the part of the City to specify on this permit any rule, regulation, provision, or specification shall not excuse the permittee from complying with all requirements of law and appropriate ordinances and all applicable regulations, provisions, and specifications adopted by the City.

ISSUE FOR CITY ENGINEER

Victor Jimmar

INSPECTION RECORD

Date	Comments	Insp.	Hrs. Charged

NOTE: 1 hr. Minimum charge per inspection stop

Hours forwarded from reverse side: _____

TOTAL HOURS CHARGED: _____

FEES

PERMIT FEE: $75.00 To Acct. #3306

RESTORE/ INSPECT DEPOSIT: $500 To CN # ____

STREET CUT FEE: _____ TO ACCT #3304

TOTAL: $575.00

☐ All charges collected at permit insurance

☐ All charges to be billed to

CN # _____

REV. Date 3/98

Service No._____

CITY OF SAN LEANDRO
APPLICATION TO PERFORM WORK IN THE PUBLIC RIGHT-OF-WAY

02149
Permit Number

3/28/02
Date Approved

Work Site: W. Broadmoor, Lafayette Ave, Garcia Ave

Applicant: Name Environmental Tasks Address 1702 Rogers Ave San Jose CA 95112 Tel. (408) 453-1800

Owner: Name Mr Lee Address 301 E 14th St. San Leandro, CA Tel. (510) 638-5473

Purpose of Permit:

☐ Utility ☐ Street Excavation ☐ Curb, Gutter Sidewalk, Driveway ☑ Other Environmental

Detailed Description and Dimensions of Work: Open 6 well boxes for measurement of groundwater depth / collect 1 sample for testing.

Plan Submitted: Yes ✓ No _____ Profile Submitted Yes _____ No _____

Date Work to be Started: 3/28/02 Date Work to be Completed by: 4/28/02

Building Permit No._____ State Encroachment Permit No._____

Oro Loma Permit No. _____ Alameda County Flood Control Permit No. _____

Compliance with State Labor Code: In accordance with Section 3800

☐ Applicant has on file, with the City of San Leandro, evidence that workman's compensation insurance is carried.

☑ Applicant will not employ anyone so as to become subject to the workman's compensation laws of California.

Statement of State Contractor's License: In accordance with Section 7031.5 of the State Business and Professions Code.

☑ Applicant has State License No. 716002, Class A in full force and effect.

☐ Applicant is exempt from the State Contractor's License Law for the following reason(s):

By the application and acceptance of this permit, the undersigned intending to be legally bound does hereby agree that all work performed will be in accordance with all applicable provisions of this permit and all regulations, provisions, and specifications as adopted by the City. Further, the undersigned agrees that this permit is to serve as a guaranty for payment of all permit and/or inspection charges as billed by the City. Any misrepresentation of information requested from the applicant on this form shall make this permit null and void.

Signature _____ Date: 3/28/02

PLEASE CALL 577-3308 FOR INSPECTIONS

SPECIAL PROVISIONS

Backfill Required: All work shall be per city standard plans and specs

Pavement Section Required:

Minimum Depth of Cover:

Police & Fire Dept. to be notified 24 hours prior to start: YES ____ NO ____

* provide police escort and protection at all times. * $500 deposit will be returned after City Engineer receives → Dept report.

SEE REVERSE SIDE FOR GENERAL PROVISIONS APPLICABLE TO ALL PERMIT WORK

PERMIT IS VALID WHEN SIGNED

Any omission on the part of the City to specify on this permit any rule, regulation, provision, or specification shall not excuse the permittee from complying with all requirements of law and appropriate ordinances and all applicable regulations, provisions, and specifications adopted by the City.

ISSUE FOR CITY ENGINEER

_____

INSPECTION RECORD

Date	Comments	Insp.	Hrs. Charged

NOTE: 1 hr. Minimum charge per inspection stop

Hours forwarded from reverse side: _____

TOTAL HOURS CHARGED: _____

FEES

PERMIT FEE: _____ To Acct. #3306

RESTORE/ INSPECT DEPOSIT: $500.00 To CN # 14160

STREET CUT FEE: _____ TO ACCT #3304

TOTAL: $500.00

☐ All charges collected at permit insurance

☐ All charges to be billed to

CN # _____

REV. Date 3/98

APPENDIX F: REPORT DISTRIBUTION LIST

Copies of this report have been mailed to the attention of the following parties:

Seung Lee
German Autocraft
301 E. 14th Street
San Leandro, California 94577

Scott O. Seery
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, #250
Alameda, California 94502-6577

Mike Bakaldin
City of San Leandro Environmental Services Department
835 E. 14th Street
San Leandro, California 94577