May 25, 1999

QST ENVIRONMENTAL

Mr. Ondrej Kojnok
Tri Star Partnership
2 North Second Street, #1390
San Jose, CA 95113

SUBJECT: SECOND QUARTER 1998 GROUNDWATER MONITORING REPORT
AUTOPRO FACILITY
5200 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA
QST PROJECT NO. 65-95-219

Dear Mr. Kojnok:

QST Environmental Inc., (QST) is pleased to present the results of Second Quarter 1998 groundwater monitoring activities for the Autopro Facility (site) located at 5200 Telegraph Avenue in Oakland, California (Figure 1 - Location Map). These activities were mandated by the Alameda County Health Care Services Agency (ACHCSA) in a letter dated September 13, 1995. The following report describes the activities completed and the results.

FIELD ACTIVITIES

On June 16, 1998, QST personnel performed groundwater monitoring activities at the site. Depths to groundwater were measured using an electronic water level meter in four on-site ground water monitoring wells. No evidence of free-product was found in any of the four on-site wells.

Due to unexpected problems that occurred during the removal process of the Oxygen Releasing Compounds (ORCs), groundwater samples were unable to be properly taken on June 16, 1998. Groundwater monitoring activities were rescheduled, following the removal of the ORCs, for August 25, 1998.

On July 14, 1998, a downgradient groundwater monitoring well (MW-4C) was acquired by QST from the former Chevron site. On July 18, 1998, MW-4C was purged and sampled for Total Petroleum Hydrocarbons as gasoline (TPH-G), as diesel (TPH-D), and as motor oil (TPH-MO); benzene, toluene, ethylbenzene, and total xylenes (BTEX); and methyl tert-butyl ether (MTBE) by Environmental Protection Agency (EPA) methods 8015M and 8020, respectively. Analyses were performed by McCampbell Analytical Inc. (McCampbell), a California DHS certified laboratory. Following the July 18, 1998, sampling event, MW-4C was renamed MW-5 and added to the quarterly sampling agenda for the site.

On August 25, 1998, QST personnel performed groundwater monitoring activities for the site. Depth to groundwater was measured using an electronic water level meter in four on-site and one off-site groundwater monitoring wells (Figure 2 - Site Map). No evidence of free-product was found in any of the five wells. A minimum of three volumes of groundwater was removed from each well using a pre-cleaned disposable bailer and new nylon cord. Temperature, pH, and electrical conductivity parameters were recorded during the well purging process. Groundwater samples were collected from the well using a pre-cleaned disposable bailer following the purge process. Groundwater sample collection logs, documenting the collected parameters and other information, are presented as an attachment. Groundwater was decanted from the disposable bailer into laboratory-supplied glassware. The samples were then labeled and placed in a cooler, on ice, under proper chain-of-custody documentation for transport to a state-certified analytical laboratory.

The samples were analyzed by McCampbell for TPH-G, TPH-D, and TPH-MO; BTEX; and MTBE by EPA methods 8015M and 8020, respectively. In addition, MW-4C (MW-5) was also analyzed for MTBE by EPA Method 8260 to obtain a laboratory reporting limit of 1.0 micrograms per liter (μg/L). Laboratory reports and chain-of-custody documentation are included as an attachment.

Purge water and equipment rinseate were stored on-site in properly labeled Department of Transportation (DOT)-rated 55-gallon drums pending analysis and proper disposal/recycling.

RESULTS

Depth to groundwater in the five on-site wells from the most current sampling event, ranged from 11.20 feet to 13.10 feet below top of casing. Groundwater elevations were calculated and are presented in Table 1 - Historical Groundwater Data. Groundwater elevation contours were plotted on Figure 5 - Groundwater Elevation Contour Map, August 25, 1998. Groundwater flow during these three months at the site and in the vicinity is generally toward the south-southwest at an approximate gradient of 0.005 to 0.023 feet per foot.

- TPH-G was detected in wells MW-1, MW-4, and MW-5 at concentrations of 740 micrograms per liter (μg/L), 2,700 μg/L, and 5,800 μg/L respectively.
- TPH-D was detected in wells MW-1, MW-4, and MW-5 at concentrations of 110 μg/L, 1,800 μg/L, and 2,800 μg/L respectively.
- TPH-MO was not detected above reporting limits in any well.

- Benzene was detected in wells MW-3 and MW-5 at concentrations of 0.80 μg/L and 6.1 μg/L respectively.

- Toluene was detected in wells MW-3, MW-4, and MW-5 at concentrations of 1.1 μg/L, 3.0 μg/L, and 7.9 μg/L respectively.

- Ethybenzene was detected in wells MW-3, MW-4, and MW-5 at concentrations of 0.77 μg/L, 4.2 μg/L, and 16 μg/L respectively.

- Total Xylenes was detected in wells MW-1, MW-3, MW-4 and MW-5 at concentrations of 2.4 μg/L, 2.3 μg/L, 11 μg/L and 33 μg/L respectively.

- MTBE was not detected above reporting limits in any well.

Table 2 - Historical Groundwater Analytical Data is a tabular summary of the laboratory report for this quarter and previous quarters. Figures 6 through 9 graphically depict the estimated extent of TPH-G, TPH-D, Benzene, and MTBE in groundwater for the site during this quarter.

CONCLUSIONS

Based on the results of the Second Quarter 1998 groundwater monitoring activities, QST concludes the following:

- Groundwater flow during these three months at the site and in the vicinity is generally toward the south-southwest at an approximate gradient of 0.005 to 0.023 feet per foot.

- The plume of gasoline-related contaminants appears to extend beyond the site to the south. Well MW-5, an off-site well, contains groundwater with the highest concentrations. Wells MW-3 and MW-5, which have had historic high concentrations, appear to show a decreasing trend.

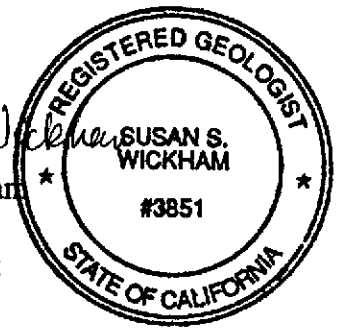
CLOSURE

This report has been prepared by QST for the exclusive use by Mr. Ondrej M. Kojnok, Attorney at Law, and Mr. George Tuma of Autopro, as it pertains to their site located at 5200 Telegraph Avenue in Oakland, California. Our professional services have been performed using that degree of care and skill ordinarily exercised under similar circumstances by other geologists and engineers practicing in this field. No other warranty, expressed or implied, is made as to professional advice in this report.

Sincerely,
QST ENVIRONMENTAL INC.

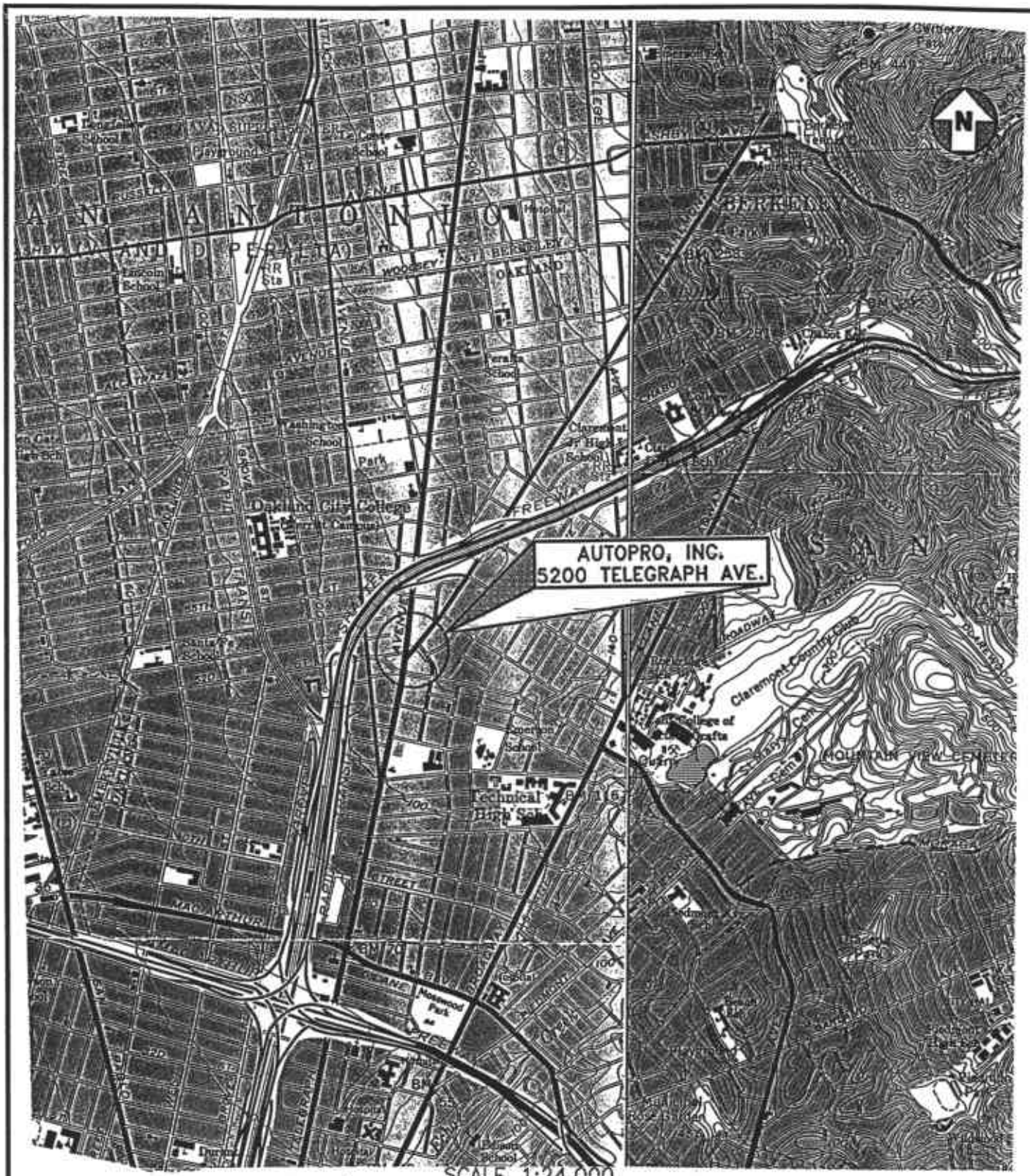
Jason T. House
Staff Scientist

Susan S. Wickham
R.G. 3851
Senior Geologist



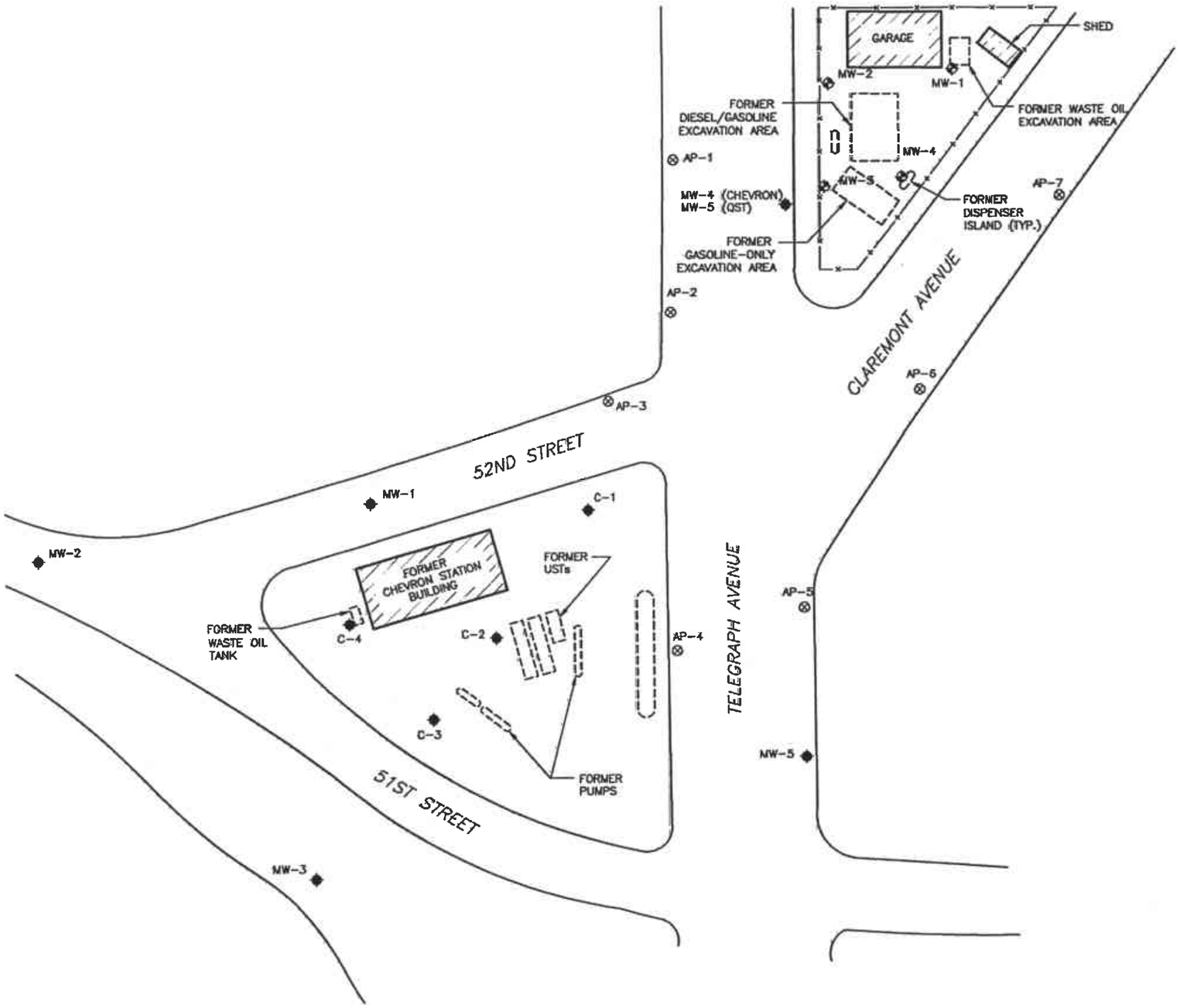
Attachments: Table 1 - Historical Groundwater Elevation Data
Table 2 - Historical Groundwater Analytical Data
Figure 1 - Location Map
Figure 2 - Site Map
Figure 3 - Groundwater Elevation Contour Map, March 23, 1998
Figure 4 - Groundwater Elevation Contour Map, June 16, 1998
Figure 5 - Groundwater Elevation Contour Map, August 25, 1998
Figure 6 - Concentrations of TPH-G and Benzene in Groundwater, August 25, 1998
Groundwater Sample Collection Logs
Laboratory Reports and Chain-of-Custody Documentation

cc w/attachments: Mr. George Tuma, Autopro
Ms. Susan Hugo, ACHCSA
Mr. Kevin Graves, RWQCB-SF Bay Region



ADAPTED FROM U.S.G.S. OAKLAND EAST AND OAKLAND WEST, CALIFORNIA, 7.5 MINUTE TOPO QUADRANGLE, 1959, PHOTOREVISED 1980

QST ENVIRONMENTAL	DATE 10/14/96	SITE LOCATION MAP	FIGURE NO. 1
	REVISED		
1340 ARNOLD DRIVE, SUITE 126 MARTINEZ, CA 94553	CAD FILE 65521901	AUTOPRO, INC. 5200 TELEGRAPH AVENUE OAKLAND, CALIFORNIA	PROJ. NO. 65-95-219



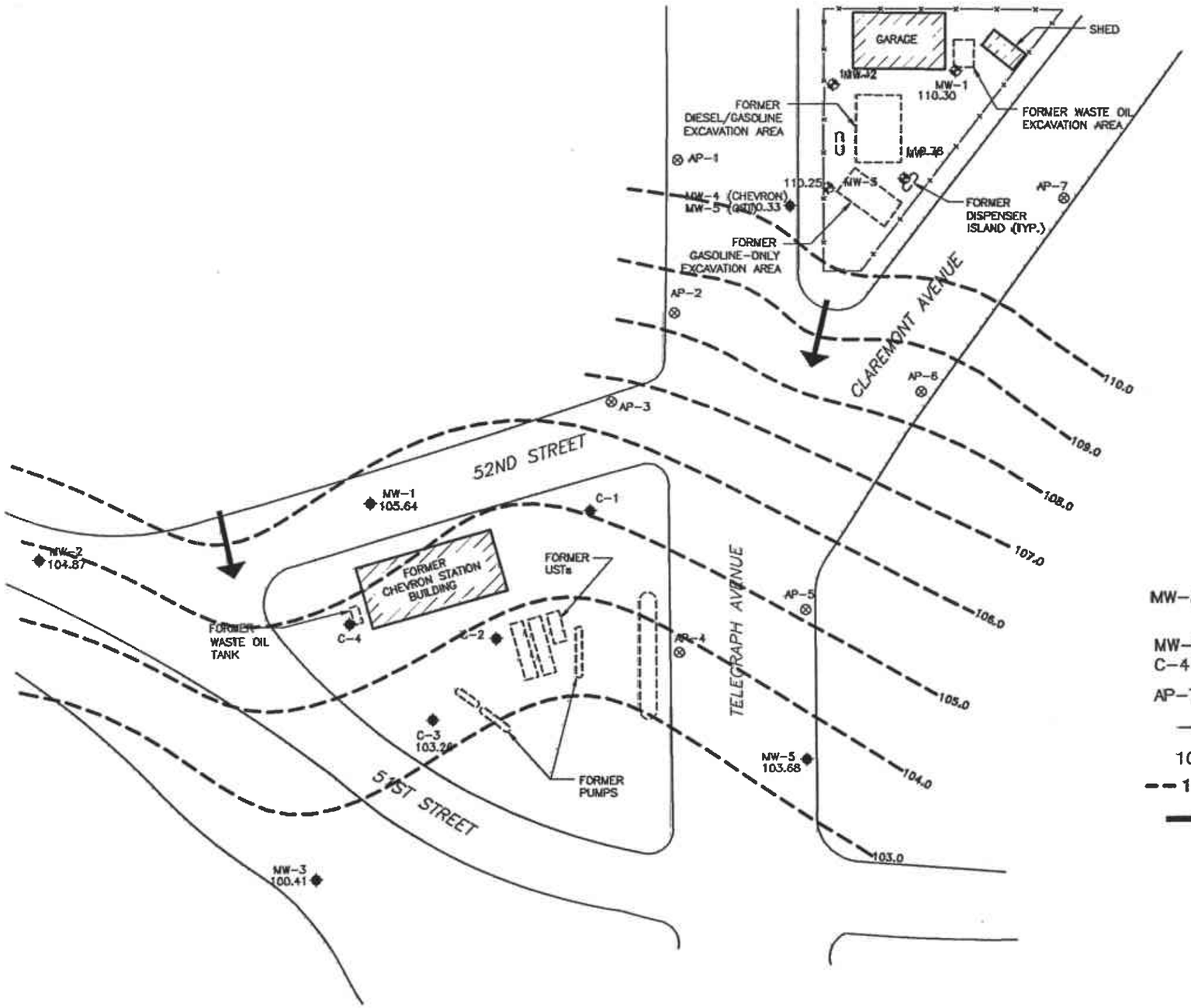
LEGEND

MW-1 ⊕	GROUND WATER MONITORING WELLS INSTALLED BY QST
MW-1 ◆ C-1	GROUND WATER MONITORING WELLS INSTALLED FOR CHEVRON
AP-1 ⊗	SOIL BORING BY QST
—x—	FENCE

APPROX. SCALE
0 60 FEET

CHEVRON SITE BASE MAP FROM CAMBRIA ENVIRONMENTAL TECHNOLOGY, INC.

QST ENVIRONMENTAL 1340 ARNOLD DRIVE, SUITE 126 MARTINEZ, CA. 94553	DATE 2/12/96 REVISED 9/15/98 CAD FILE 65521902	SITE MAP AUTOPRO, INC. 5200 TELEGRAPH AVENUE OAKLAND, CALIFORNIA	FIGURE NO. 2 PROJ. NO. 65-95-219



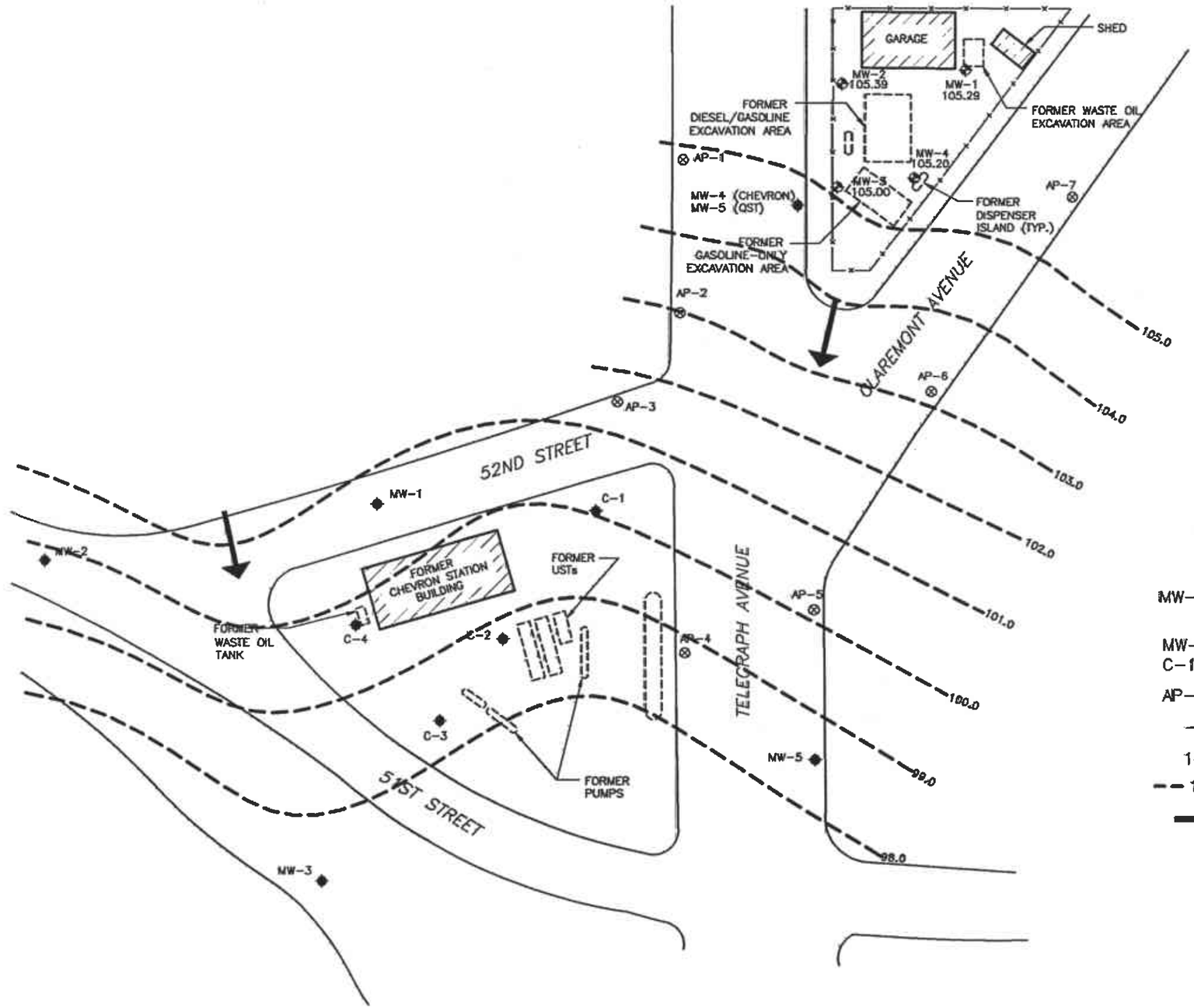
LEGEND

MW-3 ⊕	GROUND WATER MONITORING WELLS INSTALLED BY ESE/QST
MW-5 ◆ C-4	GROUND WATER MONITORING WELLS INSTALLED FOR CHEVRON
AP-7 ⊗	SOIL BORING
—x—	FENCE
109.93	GROUND WATER ELEVATION
105.0	GROUND WATER ELEVATION CONTOUR
→	ESTIMATED GROUND WATER FLOW DIRECTION

APPROX. SCALE
0 60 FEET

CHEVRON SITE BASE MAP FROM CAMBRIA ENVIRONMENTAL TECHNOLOGY, INC.
CHEVRON SITE GROUND WATER ELEVATIONS FROM BLAINE TECH SERVICES, INC.
GROUND WATER ELEVATIONS FOR AUTOPRO SITE ARE DERIVED FROM AN ASSUMED DATUM.

QST Environmental 1340 ARNOLD #126 MARTINEZ, CA 94553	DATE 8/8/96 REVISED 04/22/98 CAD FILE 65521903	GROUND WATER ELEVATION CONTOUR MAP, MARCH 23, 1998 AUTOPRO 5200 TELEGRAPH AVENUE OAKLAND, CALIFORNIA	FIGURE NO. 3 PROJ. NO. 65-95-219



LEGEND

MW-1 ⊕	GROUND WATER MONITORING WELLS INSTALLED BY IESE/QST
MW-1 ● C-1	GROUND WATER MONITORING WELLS INSTALLED FOR CHEVRON
AP-1 ⊗	SOIL BORING
—×—	FENCE
105.29	GROUND WATER ELEVATION
--105.0--	GROUND WATER ELEVATION CONTOUR
→	ESTIMATED GROUND WATER FLOW DIRECTION

APPROX. SCALE
0 60 FEET

CHEVRON SITE BASE MAP FROM CAMBRIA ENVIRONMENTAL TECHNOLOGY, INC.
CHEVRON SITE GROUND WATER ELEVATIONS FROM BLAINE TECH SERVICES, INC.
GROUND WATER ELEVATIONS FOR AUTOPRO SITE ARE DERIVED FROM AN ASSUMED DATUM.

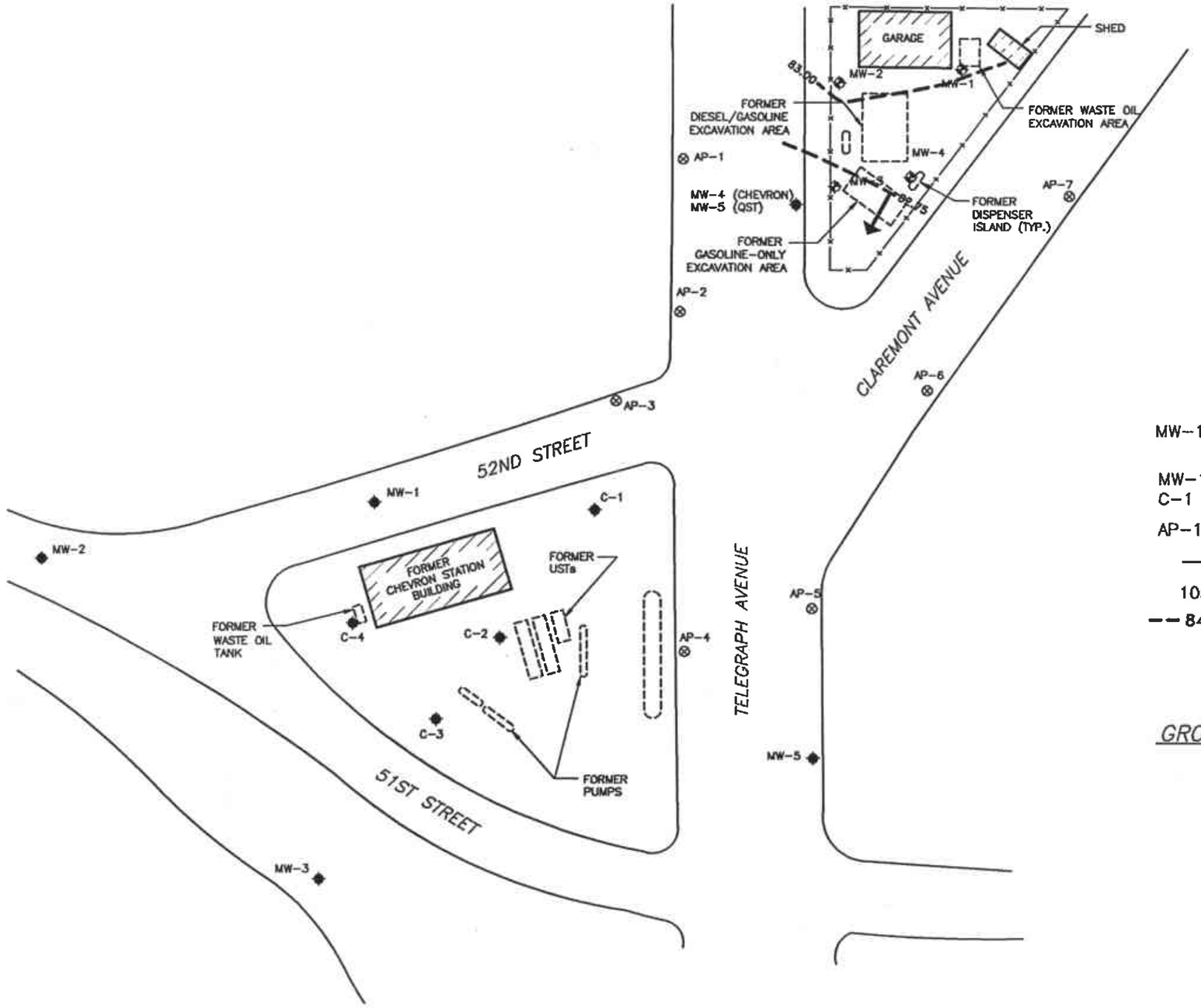
QST ENVIRONMENTAL
1340 ARNOLD DRIVE, SUITE 126
MARTINEZ, CA. 94553

DATE 8/8/96
REVISED 09/15/98
CAD FILE 655219R3

GROUND WATER ELEVATION CONTOUR MAP, JUNE 16, 1998

AUTOPRO, INC.
5200 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA

FIGURE NO. **4**
PROJ. NO. 65-95-219



LEGEND

MW-1 ⊕	GROUND WATER MONITORING WELLS INSTALLED BY ESE/QST
MW-1 ◆ C-1	GROUND WATER MONITORING WELLS INSTALLED FOR CHEVRON
AP-1 ⊗	SOIL BORING
—x—	FENCE
105.29	GROUND WATER ELEVATION
-- 84.00 --	GROUND WATER ELEVATION CONTOUR

GROUND WATER ELEVATIONS

MW-1	83.01
MW-2	83.05
MW-3	82.10
MW-4	82.86
MW-5	82.50

APPROX. SCALE
0 60 FEET

CHEVRON SITE BASE MAP FROM CAMBRIA ENVIRONMENTAL TECHNOLOGY, INC.

QST ENVIRONMENTAL
1340 ARNOLD DRIVE, SUITE 126
MARTINEZ, CA. 94553

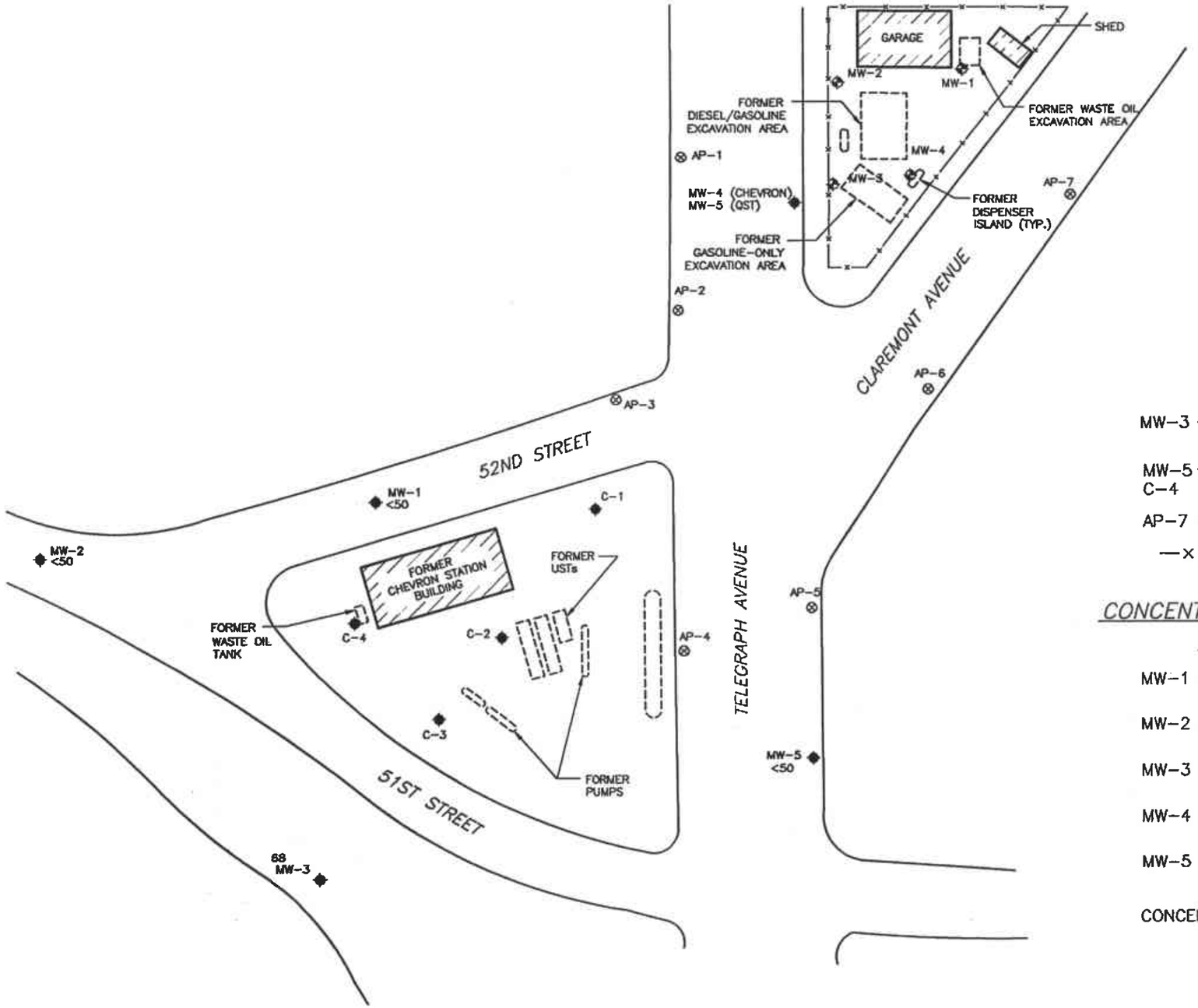
DATE 02/12/96
REVISED 5/22/99
CAD FILE 655219R5

GROUND WATER ELEVATION
SECOND QUARTER
08/25/98

AUTOPRO, INC.
5200 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA

FIGURE NO. 5

PROJ. NO. 65-95-219



LEGEND

MW-3 ⊕	GROUND WATER MONITORING WELLS INSTALLED BY ESE/QST
MW-5 ● C-4	GROUND WATER MONITORING WELLS INSTALLED FOR CHEVRON
AP-7 ⊗	SOIL BORING WITH GRAB GROUND WATER SAMPLE
—x—	FENCE

CONCENTRATION OF TPH-G AND BENZENE IN GROUND WATER

MW-1 – BENZENE– < 0.50
TPH-G – 740
MW-2 – BENZENE– < 0.50
TPH-G – < 50
MW-3 – BENZENE– 0.8
TPH-G – --
MW-4 – BENZENE– < 0.50
TPH-G – 2,700
MW-5 – BENZENE– 6.1
TPH-G – 5,800

CONCENTRATIONS IN MICROGRAMS PER LITER (ug/L) or PARTS PER BILLION (ppb).

APPROX. SCALE
0 60 FEET

CHEVRON SITE BASE MAP FROM CAMBRIA ENVIRONMENTAL TECHNOLOGY, INC.
CHEVRON WELLS ANALYTICAL DATA FROM BLAINE TECH SERVICES, INC. DATED 12/11/96
AUTOPRO WELLS ANALYTICAL DATA DATED 12/11/96

QST Environmental	DATE 8/8/96	CONCENTRATION OF TPH-G AND BENZENE IN GROUND WATER, 08/25/98	FIGURE NO. 6
1340 ARNOLD #126 MARTINEZ, CA 94553	REVISED 05/22/99	AUTOPRO, INC. 5200 TELEGRAPH AVENUE OAKLAND, CALIFORNIA	PROJ. NO. 65-95-219
	CAD FILE 655219R6		

TABLE 1

HISTORICAL GROUND WATER ELEVATION DATA

Tri-Star Partnership
Autopro Facility
5200 Telegraph Avenue
Oakland, California

Well I.D.	Date	Datum	Depth to Water (feet)	Ground Water Elevation (ft AMSL)
MW-1	04/26/94	115.44	12.69	102.75
	07/20/94		12.39	103.05
	10/21/94		13.06	102.38
	01/18/95		10.14	105.30
	06/26/96		11.90	103.54
	09/24/96		12.53	102.91
	12/11/96		9.95	105.49
	12/12/97		10.28	105.16
	03/23/98		5.12	110.32
	06/16/98		10.15	105.29
	08/25/98	96.11*	13.10	83.01
MW-2	04/26/94	114.62	11.15	103.47
	07/20/94		11.44	103.18
	10/21/94		12.30	102.32
	01/18/95		9.21	105.41
	06/26/96		11.16	103.46
	09/24/96		11.81	102.81
	12/11/96		9.17	105.45
	12/12/97		9.39	105.23
	03/23/98		4.32	110.30
	06/16/98		9.23	105.39
	08/25/98	95.3*	12.25	83.05
MW-3	04/26/94	113.90	10.97	102.93
	07/20/94		11.21	102.69
	10/21/94		11.92	101.98
	01/18/95		8.90	105.00
	06/26/96		10.88	103.02
	09/24/96		12.53	101.37
	12/11/96		8.17	105.73
	12/12/97		8.81	105.09
	03/23/98		3.65	110.25
	06/16/98		8.90	105.00
	08/25/98	94.45*	12.35	82.10

TABLE 1

HISTORICAL GROUND WATER ELEVATION DATA

Tri-Star Partnership
Autopro Facility
5200 Telegraph Avenue
Oakland, California

Well I.D.	Date	Datum	Depth to Water (feet)	Ground Water Elevation (ft AMSL)
MW-4	04/26/94	114.25	10.97	103.28
	07/20/94		11.16	103.09
	10/21/94		11.68	102.57
	01/18/95		9.02	105.23
	06/26/96		10.77	103.48
	09/24/96		11.51	102.74
	12/11/96		8.85	105.40
	12/12/97		8.95	105.30
	03/23/98		3.49	110.76
	06/16/98		9.05	105.20
	08/25/98	94.91*	12.05	82.86
MW-5	07/18/98	93.70*	10.77	82.93
	08/25/98		11.20	82.50

Note:
ft AMSL = feet above mean sea level.
*** = Relative casing elevation based upon resurveyed measurement point.**

TABLE 2

HISTORICAL GROUND WATER ANALYTICAL DATA

Tri-Star Partnership
Autopro Facility
5200 Telegraph Avenue
Oakland, California

Well I.D.	Date Sampled	TPH-D (µg/L)	TPH-MO (µg/L)	TPH-G (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	VOCs (µg/L)	Metals (mg/L)				
											cadmium	chromium	lead	nickel	zinc
MW-1	04/26/94	<50	--	1,400	<0.50	<0.50	4.5	2.1	--	<0.50	0.001	<0.05	<0.005	0.120	<0.10
	07/20/94	100	--	1,200	19	2.5	2.4	1.6	--	--	<0.010	0.220	0.044	0.360	0.350
	10/21/94	130	--	560	8.4	1.1	0.90	1.8	--	--	<0.010	<0.010	<0.020	0.041	0.077
	01/18/95	240	--	620	8.5	2.1	1.3	2.3	--	--	<0.010	0.026	<0.020	0.024	0.067
	06/26/96	56[b,d]	<250	180[a]	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--
	09/24/96	150[d]	<250	170[c,b]	3.7	0.92	0.54	0.63	6.5	--	--	--	--	--	--
	12/11/96	300[d]	<250	520[j]	<0.50	0.8	0.59	0.81	<5.0	--	--	--	--	--	--
	12/12/97	280	<250	360	<0.50	0.8	0.82	0.9	<5.0	--	--	--	--	--	--
	03/23/98	96[g,d]	<250	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--
	08/25/98	110[b]	<250	740[j]	<0.50	<0.50	<0.50	2.40	ND<10	--	--	--	--	--	--
MW-2	04/26/94	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	<0.001	<0.05	<0.005	0.060	<0.10
	07/20/94	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	<0.010	0.022	<0.020	0.045	0.068
	10/21/94	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	<0.010	0.031	<0.020	0.027	0.044
	01/18/95	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	<0.010	0.014	<0.020	0.023	0.045
	06/26/96	<50	<250	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--
	09/24/96	<50	<250	<50	<0.50	<0.50	<0.50	<0.50	9.6	--	--	--	--	--	--
	12/11/96	<50	<250	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--
	12/12/97	58	<250	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--
(Dup)	12/12/97	<50	<250	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--
	03/23/98	200[b,j]	<250	200[j]	<0.50	0.09	<0.50	<0.50	<5.0	--	--	--	--	--	--
	08/25/98	<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--

TABLE 2

HISTORICAL GROUND WATER ANALYTICAL DATA

Tri-Star Partnership
Autopro Facility
5200 Telegraph Avenue
Oakland, California

Well I.D.	Date Sampled	TPH-D (µg/L)	TPH-MO (µg/L)	TPH-G (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	VOCs (µg/L)	Metals (mg/L)				
											cadmium	chromium	lead	nickel	zinc
MW-3	04/26/94	<3,000	--	10,000	70	40	40	50	--	<30	<0.001	<0.05	0.043	0.100	0.100
	07/20/94	1,400	--	7,500	120	38	36	39	--	--	<0.010	0.099	0.140	0.120	0.250
	10/21/94	1,200	--	6,300	69	37	29	38	--	--	<0.010	<0.010	<0.020	0.036	0.140
	01/18/95	1,600	--	8,000	84	16	48	49	--	--	<0.010	0.046	0.049	0.040	0.110
	06/26/96	2,800[d,f]	<250	6,600[e]	15	17	23	40	53	--	--	--	--	--	--
(Dup)	06/26/96	2,700[d,f]	<250	6,600[e]	14	16	21	37	49	--	--	--	--	--	--
	09/24/96	2,600[b,d]	290	4,800[b,d]	12	11	18	43	42	--	--	--	--	--	--
	12/11/96	2,900[d]	<250	6,700[j]	20	19	32	44	70	--	--	--	--	--	--
	12/12/97	3,300	<250	7,400	32	37	46	90	<160	--	--	--	--	--	--
	03/23/98	1900[d]	<250	2500[b,j]	<0.50	3.2	3.5	7.7	<20	--	--	--	--	--	--
(Dup)	3/23/98	1600[d]	<250	2400[b,j]	<0.50	4.0	3.4	4.4	<18	--	--	--	--	--	--
	8/25/98	--	--	--	0.8	1.1	0.77	2.3	ND<10	--	--	--	--	--	--
MW-4	04/26/94	<300	--	6,800	<3.0	<3.0	3.0	4.0	--	<3.0	<0.001	<0.05	0.007	0.060	<0.10
	07/20/94	1,500	--	5,600	35	11	12	17	--	--	<0.010	0.023	<0.020	0.048	0.060
	10/21/94	870	--	4,300	26	19	12	20	--	--	<0.010	0.013	<0.020	<0.020	0.092
	01/18/95	1,300	--	5,700	19	15	13	16	--	--	<0.010	0.020	<0.020	0.021	0.036
	06/26/96	2,500[d,f]	<250	4,700[b,d]	<0.25	4.8	11	19	30	--	--	--	--	--	--
	09/24/96	2,200[b]	<250	5,300[b,d]	<1.0	5.3	8.2	8.3	<35	--	--	--	--	--	--
(Dup)	09/24/96	2,200[b]	<250	5,500[b,d]	<1.0	6.6	9.4	8.4	<35	--	--	--	--	--	--
	12/11/96	2,400[d]	<250	4,000[j]	<0.25	4.0	7.6	9.2	22	--	--	--	--	--	--
(Dup)	12/11/96	2,800[d]	<250	7,000[j]	18	20	34	49	73	--	--	--	--	--	--
	12/12/97	2,700	<250	3,100	<0.5	3.3	7.6	8.9	<41	--	--	--	--	--	--
	03/23/98	740[d,g]	500	950[j]	<0.50	2.7	1.0	1.3	<17	--	--	--	--	--	--
	08/25/98	1800[d,b]	<250	2,700[b,j]	<0.5	3.0	4.2	11	ND<30	--	--	--	--	--	--
MW-5	07/18/98	3800, [d,b,h]	ND	5900, [a,h]	7.40	9.50	17.00	29.00	ND<60	--	--	--	--	--	--
	08/25/98	2800[d,b]	<250	5,800[b,c]	6.1	7.9	16	33	ND<70	--	--	--	--	--	--

TABLE 2

HISTORICAL GROUND WATER ANALYTICAL DATA

Tri-Star Partnership
Autopro Facility
5200 Telegraph Avenue
Oakland, California

Well I.D.	Date Sampled	TPH-D (µg/L)	TPH-MO (µg/L)	TPH-G (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	VOCs (µg/L)	Metals (mg/L)				
											cadmium	chromium	lead	nickel	zinc
TRIP	06/26/96	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--
	09/24/96	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--
	12/11/96	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--
	12/12/97	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--
	3/23/98	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--
MCL	--	--	--	--	1	150	700	1,750	35*	--	0.005	0.05	0**	0.1	5***

Notes:

TPH-D = Total Petroleum Hydrocarbons as Diesel.
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
MTBE = methyl tertiary butyl ether.
NS = not sampled

VOCs = Volatile Organic Compounds.
µg/L = micrograms per liter or parts per billion (ppb).
mg/L = milligrams per liter or parts per million (ppm).
< = less than listed detection limits.
-- = not applicable.

[a] = unmodified or weakly modified is significant.
[b] = heavier gasoline range compounds are significant (aged gasoline?).
[c] = lighter gasoline range compounds (the most mobile fraction) are significant.
[d] = gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?
[e] = oil range compounds are significant.
[f] = one to a few isolated peaks present.
[h] = lighter than water immiscible sheen is present.
[j] = no recognizable pattern.
MCL = primary Maximum Contaminant Limit as defined by the California Department of Health Services (DHS) Drinking Water Standards.
*** = DHS Action Level.**
**** = regulated by the Federal Lead and Copper Rule.**
***** = secondary MCL.**

GROUNDWATER SAMPLE COLLECTION LOGS

QST ENVIRONMENTAL INC.

WELL PURGING AND SAMPLING DATA FORM

Client/Site Name: Tri-star Auto
Site Address: 5280 Telegraph & Claremont
QST Field Personnel: Gary Stone
Facility UST ID:

Date: 7-18-98
Well ID: MW-4 (adopted)
QST Project #: 6595219
QST Work Code:

Total Well Depth: 20.93'
Depth To Free Product: N/A
Free Product Thickness: N/A
Casing Diameter: Sched. 40

Screened Interval: N/A
Depth To Water: 10.77'
Top Of Casing (Elevation): N/A
Time: 9:30 a.m.

Method Of Purging (i.e., Grundfos pump, peristaltic pump, or bailer) Bailer

	Start	Interval I	Interval II	Interval III	Sample Point
Time	9:41				
pH					
Specific Conductivity					
Temperature					
Turbidity (Visual)					
Volume Purged (Gal)				5.18	
					(Total)

Method Of Sampling: Disposable bailer
Sample Date/Time: 7-18-98 / 10:15 a.m.
Sample ID Number: MW-4
Laboratory Analysis Required: (TPH-g), (TPH-d), (TPH-mo), (BTEX), (MTBE)
Sample Container Types: 1 liter container and 4 40ml vials.
Number Of Sample Containers: 5
QA/QC Samples Collected:
Weather Conditions: Sunny 70's
Comments: Petroleum smell noticed.

Sample Collector Signature: Gary Stone Date: 7-18-98

Gallons Per Foot Of Casing	=	0.17
Column Of Water (Ft)	X	10.16
Volume Of Casing (Gal)	=	1.72
Number Of Volumes To Purge	X	3
Total Volumes To Purge	=	5.18

Information For Volume Based On Casing Inside Diameter (ID):

4-Inch ID Casing, Schedule 40	=	1.51 Gallons Per Foot
4-Inch ID Casing, Schedule 80	=	1.01 Gallons Per Foot
2-Inch ID Casing, Schedule 40	=	0.17 Gallons Per Foot
2-Inch ID Casing, Schedule 80	=	0.15 Gallons Per Foot

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QST ENVIRONMENTAL INC.

WELL PURGING AND SAMPLING DATA FORM

Client/Site Name: Andrej Kojnok/Tri-Star Partnership
Site Address: 5200 Telegraph Avenue
QST Field Personnel: Gary Stone
Facility UST ID:

Date: 8-25-98
Well ID: MW-1
QST Project #: 65-95-219
QST Work Code:

Total Well Depth: 28.92
Depth To Free Product: N/A
Free Product Thickness: N/A
Casing Diameter: 2"

Screened Interval:
Depth To Water: 13.10
Top Of Casing (Elevation):
Time: 10:51

Method Of Purging (i.e., Grundfos pump, peristaltic pump, or bailer) Bailer

	Start	Interval I	Interval II	Interval III	Sample Point
Time	12:02				
pH					
Specific Conductivity					
Temperature					
Turbidity (Visual)					
Volume Purged (Gal)	8.25				(Total)

Method Of Sampling: Bailer
Sample Date/Time: 8-25-98 / 11:45 a.m. Rd. 12:40 p.m.
Sample ID Number: MW-1
Laboratory Analysis Required: TPH-g, TPH-d, TPH-me, BTEX, MTBE.
Sample Container Types: 3 - 40 ml VOAs, 1 - 1 Liter bottle
Number Of Sample Containers: 4
QA/QC Samples Collected:
Weather Conditions: Cloudy, 60's
Comments:

Sample Collector Signature: Gary Stone Date: 8-25-98

Gallons Per Foot Of Casing	=	0.17
Column Of Water (Ft)	X	15.82
Volume Of Casing (Gal)	=	2.68
Number Of Volumes To Purge	X	3
Total Volumes To Purge	=	8.06

Information For Volume Based On Casing Inside Diameter (ID):

4-Inch ID Casing, Schedule 40 =	1.51 Gallons Per Foot
4-Inch ID Casing, Schedule 80 =	1.01 Gallons Per Foot
2-Inch ID Casing, Schedule 40 =	0.17 Gallons Per Foot
2-Inch ID Casing, Schedule 80 =	0.15 Gallons Per Foot

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QST ENVIRONMENTAL INC.

WELL PURGING AND SAMPLING DATA FORM

Client/Site Name: Ondrej Kojnok/Tri-Star Partnership
Site Address: 5200 Telegraph Avenue
QST Field Personnel: Gary Stone
Facility UST ID:

Date: 8-25-98
Well ID: MW-2
QST Project #: 65-95-219
QST Work Code:

Total Well Depth: 24.36
Depth To Free Product: N/A
Free Product Thickness: N/A
Casing Diameter: 2"

Screened Interval:
Depth To Water: 12.25
Top Of Casing (Elevation):
Time: 10:56

Method Of Purging (i.e., Grundfos pump, peristaltic pump, or bailer) Bailer

	Start	Interval I	Interval II	Interval III	Sample Point
Time	12.58				
pH					
Specific Conductivity					
Temperature					
Turbidity (Visual)					
Volume Purged (Gal)	6.50				

(Total)

Method Of Sampling: Bailer
Sample Date/Time: 8-25-98 / 1:30
Sample ID Number: MW-2
Laboratory Analysis Required: TPH-g, TPH-d, TPH-mo, BTEX, MTBE.
Sample Container Types: 40 ml VOA's, 1 Liter Bottle
Number Of Sample Containers: 3 , 1
QA/QC Samples Collected:
Weather Conditions: Cloudy, 60's
Comments:

Sample Collector Signature: Gary Stone Date: 8-25-98

Gallons Per Foot Of Casing	=	0.17
Column Of Water (Ft)	X	12.11
Volume Of Casing (Gal)	=	2.05
Number Of Volumes To Purge	X	3
Total Volumes To Purge	=	6.17

Information For Volume Based On Casing Inside Diameter (ID):

4-Inch ID Casing, Schedule 40 =	1.51 Gallons Per Foot
4-Inch ID Casing, Schedule 80 =	1.01 Gallons Per Foot
2-Inch ID Casing, Schedule 40 =	0.17 Gallons Per Foot
2-Inch ID Casing, Schedule 80 =	0.15 Gallons Per Foot

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QST ENVIRONMENTAL INC.

WELL PURGING AND SAMPLING DATA FORM

Client/Site Name: Andrej Kojnok/Tri-Star Partnership
Site Address: 5200 Telegraph Avenue
QST Field Personnel: Gary Stone
Facility UST ID:

Date: 8-25-98
Well ID: MW-3
QST Project #: 65-95-219
QST Work Code:

Total Well Depth: 24.08
Depth To Free Product: N/A
Free Product Thickness: N/A
Casing Diameter: 2"

Screened Interval:
Depth To Water: 12.35
Top Of Casing (Elevation):
Time: 11:03

Method Of Purging (i.e., Grundfos pump, peristaltic pump, or bailer) Bailer

	Start	Interval I	Interval II	Interval III	Sample Point
Time	1:40				
pH					
Specific Conductivity					
Temperature					
Turbidity (Visual)					
Volume Purged (Gal)	6				

(Total)

Method Of Sampling: Bailer
Sample Date/Time: 8-25-98/2:30
Sample ID Number: MW-3
Laboratory Analysis Required: BTEX, MTBE
Sample Container Types: 40 ml VOA
Number Of Sample Containers: 1
QA/QC Samples Collected:
Weather Conditions: Cloudy 60's
Comments:

Sample Collector Signature: Gary Stone Date: 8-25-98

Gallons Per Foot Of Casing	=	0.17
Column Of Water (Ft)	X	11.73
Volume Of Casing (Gal)	=	1.99
Number Of Volumes To Purge	X	3
Total Volumes To Purge	=	5.98

Information For Volume Based On Casing Inside Diameter (ID):

4-Inch ID Casing, Schedule 40 =	1.51 Gallons Per Foot
4-Inch ID Casing, Schedule 80 =	1.01 Gallons Per Foot
2-Inch ID Casing, Schedule 40 =	0.17 Gallons Per Foot
2-Inch ID Casing, Schedule 80 =	0.15 Gallons Per Foot

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QST ENVIRONMENTAL INC.

WELL PURGING AND SAMPLING DATA FORM

Client/Site Name: Ondrej Kejnak/Tri-Star Partnership
Site Address: 5280 Telegraph Avenue
QST Field Personnel: Gary Stone
Facility UST ID:

Date: 8-25-98
Well ID: MW-4
QST Project #: 65-95-219
QST Work Code:

Total Well Depth: 24.05
Depth To Free Product: N/A
Free Product Thickness: N/A
Casing Diameter: 2"

Screened Interval:
Depth To Water: 12.05
Top Of Casing (Elevation):
Time: 11:08

Method Of Purging (i.e., Grundfos pump, peristaltic pump, or bailer) Bailer

	Start	Interval I	Interval II	Interval III	Sample Point
Time	1:51				
pH					
Specific Conductivity					
Temperature					
Turbidity (Visual)					
Volume Purged (Gal)	6.50				(Total)

Method Of Sampling: Bailer
Sample Date/Time: 8-25-98 / 2:15
Sample ID Number: MW-4
Laboratory Analysis Required: TPH-g, TPH-d, TPH-mo, BTEX, MTBE
Sample Container Types: 40 ml VOA's, 1 liter bottle
Number Of Sample Containers: 4 , 1
QA/QC Samples Collected:
Weather Conditions: Cloudy, 60's
Comments:

Sample Collector Signature: Gary Stone Date: 8-25-98

Gallons Per Foot Of Casing	=	0.17
Column Of Water (Ft)	X	12
Volume Of Casing (Gal)	=	2.04
Number Of Volumes To Purge	X	3
Total Volumes To Purge	=	6.12

Information For Volume Based On Casing Inside Diameter (ID):

4-Inch ID Casing, Schedule 40 =	1.51 Gallons Per Foot
4-Inch ID Casing, Schedule 80 =	1.01 Gallons Per Foot
2-Inch ID Casing, Schedule 40 =	0.17 Gallons Per Foot
2-Inch ID Casing, Schedule 80 =	0.15 Gallons Per Foot

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QST ENVIRONMENTAL INC.

WELL PURGING AND SAMPLING DATA FORM

Client/Site Name: Ondrej Kojnok/Tri-Star Partnership
Site Address: 5200 Telegraph Avenue
QST Field Personnel: Gary Stone
Facility UST ID:

Date: 8-25-98
Well ID: MW-5
QST Project #: 65-95-214
QST Work Code:

Total Well Depth: 20.93
Depth To Free Product: N/A
Free Product Thickness: N/A
Casing Diameter: 2"

Screened Interval:
Depth To Water: 11.20
Top Of Casing (Elevation):
Time: 11:12

Method Of Purging (i.e., Grundfos pump, peristaltic pump, or bailer) Bailer

	Start	Interval I	Interval II	Interval III	Sample Point
Time	11:15				
pH					
Specific Conductivity					
Temperature					
Turbidity (Visual)					
Volume Purged (Gal)	5				
					(Total)

Method Of Sampling: Bailer
Sample Date/Time: 8-25-98 / 11:45
Sample ID Number: MW-5
Laboratory Analysis Required: TPH-g, TPH-d, TPH-mo, BTEX, MTBE
Sample Container Types: 40 ml VOA's, 1 Liter bottle
Number Of Sample Containers: 4 , 1
QA/QC Samples Collected:
Weather Conditions: Cloudy, 60's
Comments:

Sample Collector Signature: Gary Stone Date: 8-25-98

Gallons Per Foot Of Casing	=	0.17
Column Of Water (Ft)	X	9.73
Volume Of Casing (Gal)	=	1.65
Number Of Volumes To Purge	X	3
Total Volumes To Purge	=	4.96

Information For Volume Based On Casing Inside Diameter (ID):

4-Inch ID Casing, Schedule 40	=	1.51 Gallons Per Foot
4-Inch ID Casing, Schedule 80	=	1.01 Gallons Per Foot
2-Inch ID Casing, Schedule 40	=	0.17 Gallons Per Foot
2-Inch ID Casing, Schedule 80	=	0.15 Gallons Per Foot

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LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

McCAMPBELL ANALYTICAL INC.
110 Second Avenue South, #D7, Pacheco, CA 94553
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

QST Environmental 1340 Arnold Drive, Suite 126 Martinez, CA 94553	Client Project ID: #6595219; Tri-Star Auto Pro	Date Sampled: 07/18/98
		Date Received: 07/20/98
	Client Contact: Tom Dalzell	Date Extracted: 07/20-07/21/98
	Client P.O:	Date Analyzed: 07/20-07/21/98

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g)+	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	% Recovery Surrogate
92296	MW-4 (C)	W	5900,a,h	ND<60	7.4	9.5	17	29	113#
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	5.0	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/L

cluttered chromatogram; sample peak coelutes with surrogate peak

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) no recognizable pattern.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 Second Avenue South, #D7, Pacheco, CA 94553
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

QST Environmental 1340 Arnold Drive, Suite 126 Martinez, CA 94553	Client Project ID: #6595219; Tri-Star Auto Pro	Date Sampled: 07/18/98
		Date Received: 07/20/98
	Client Contact: Tom Dalzell	Date Extracted: 07/21/98
	Client P.O:	Date Analyzed: 07/23-07/24/98

Diesel Range (C10-C23) and Oil-Range (C18+) Extractable Hydrocarbons as Diesel and Motor Oil*

EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCFID(3550) or GCFID(3510)

Lab ID	Client ID	Matrix	TPH(d)+	TPH(mo)-	% Recovery Surrogate
92296	MW-4 (C)	W	3800,d,b,h	ND	99
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	250 ug/L	
		S	1.0 mg/kg	5.0 mg/kg	

*water samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP / STLC / SPLP extracts in ug/L

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel (?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

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QST Environmental 1340 Arnold Drive, Suite 126 Martinez, CA 94553	Client Project ID: #6595219; Tri-Star Auto Pro	Date Sampled: 07/18/98
		Date Received: 07/20/98
	Client Contact: Tom Dalzell	Date Extracted: 07/31/98
	Client P.O:	Date Analyzed: 07/31/98

Methyl tert-Butyl Ether *

EPA method 8260 modified

Lab ID	Client ID	Matrix	MTBE*	% Recovery Surrogate
92296	MW-4(C)	W	ND,h	108
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	1.0 ug/L	
		S	5.0 ug/kg	

* water samples are reported in ug/L, soil and sludge samples in ug/kg, wipe samples in ug/wipe and all TCLP / STLC / SPLP extracts in ug/L

h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 07/20/98-07/21/98 Matrix: WATER

Analyte	Concentration (mg/L) Sample (#92222)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.0	93.3	98.6	100.0	93.3	98.6	5.5
Benzene	0.0	9.2	9.8	10.0	92.0	98.0	6.3
Toluene	0.0	9.4	10.0	10.0	94.0	100.0	6.2
Ethyl Benzene	0.0	9.6	10.2	10.0	96.0	102.0	6.1
Xylenes	0.0	29.2	30.9	30.0	97.3	103.0	5.7
TPH(diesel)	0.0	166	167	150	111	111	0.4
TRPH (oil & grease)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 07/22/98-07/23/98 Matrix: WATER

Analyte	Concentration (mg/L) Sample (#92222)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.0	88.9	95.9	100.0	88.9	95.9	7.6
Benzene	0.0	10.1	9.9	10.0	101.0	99.0	2.0
Toluene	0.0	10.3	10.1	10.0	103.0	101.0	2.0
Ethyl Benzene	0.0	10.3	10.2	10.0	103.0	102.0	1.0
Xylenes	0.0	31.6	30.7	30.0	105.3	102.3	2.9
TPH(diesel)	0.0	166	167	150	111	111	0.4
TRPH (oil & grease)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 07/24/98 Matrix: WATER

Analyte	Concentration (mg/L) Sample (#92222)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.0	0.0	98.2	100.0	0.0	98.2	200.0
Benzene	0.0	0.0	10.0	10.0	0.0	100.0	200.0
Toluene	0.0	0.0	10.2	10.0	0.0	102.0	200.0
Ethyl Benzene	0.0	0.0	10.4	10.0	0.0	104.0	200.0
Xylenes	0.0	0.0	31.2	30.0	0.0	104.0	200.0
TPH(diesel)	31.2	164	170	150	89	93	3.5
TRPH (oil & grease)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

QC REPORT FOR VOCs (EPA 8240/8260)

Date: 07/31/98 Matrix: WATER

Analyte	Concentration (ug/kg,u Sample (#92551)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
1,1-Dichloroethe	0	127	126	100	127	126	0.8
Trichloroethene	0	71	72	100	71	72	1.1
EDB	0	92	92	100	92	92	0.0
Chlorobenzene	0	93	93	100	93	93	0.0
Benzene	0	104	103	100	104	103	1.0
Toluene	0	97	96	100	97	96	1.0

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

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McCAMBELL ANALYTICAL INC.

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CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HOUR ☐ 48 HOUR ☑ 5 DAY

Report To: Tom Dalzell Bill To: QST Environmental
Company: QST Environmental

Tele: (925) 313-0840 Fax: (925) 313-0844
Project #: 6595219 Project Name: Tri-Star Auto Pro
Project Location: 5200 Telegraph, OAKLAND, CALIFORNIA
Sampler Signature: Gary Stone

SAMPLE ID	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED Ice	HCl	HNO_3	Other
MW-4(C)		7-16-98	10:15	5		✓					✓			

Analysis Request:

BTEX & TPH as Gas (602/8020 + 8015)/ MTBE	TPH as Diesel (8015) / TPH AS MOTOR OIL	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8240 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	RCI	Other: MTBE by 8260 add on per G.S. 5d. TAT 7/21/98	Comments
✓	✓														X	FORMER CHEVRON WELL TO BE RENAMED MW-5

92296

ICE/t° ✓ PRESERVATION ✓ VOAS | O&G | METALS | OTHER
GOOD CONDITION ✓ APPROPRIATE
HEAD SPACE ABSENT ✓ CONTAINERS ✓

Relinquished By:	Date:	Time:	Received By:
Gary Stone	7-18-98	11:43	[signature]
[signature]	7/20/98	9:26a	Dina A. Bull[illegible] 7-20-98 9:26

Remarks:
PLEASE NOTE COLLECTION TIME & DATE.
PLEASE FAX RESULTS TO T. DALZELL
AT 925-313-0840

McCAMPBELL ANALYTICAL INC.

110 Second Avenue South, #D7, Pacheco, CA 94553
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

QST Environmental 1340 Arnold Drive, Suite 126 Martinez, CA 94553	Client Project ID: Tri Star	Date Sampled: 08/25/98
		Date Received: 08/25/98
	Client Contact: Tom Dalzell	Date Extracted: 08/25-08/26/98
	Client P.O:	Date Analyzed: 08/25-08/26/98

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g)+	MTBE	Benzene	Toluene	Ethylben-zene	Xylenes	% Recovery Surrogate
94130	MW-1	W	740,j	ND<10	ND	ND	ND	2.4	105
94131	MW-2	W	ND	ND	ND	ND	ND	ND	106
94132	MW-3	W	---	ND<10	0.80	1.1	0.77	2.3	101
94133	MW-4	W	2700,b,j	ND<30	ND	3.0	4.2	11	104
94134	MW-5	W	5800,b,c	ND<70	6.1	7.9	16	33	---#
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	5.0	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/L

cluttered chromatogram; sample peak coelutes with surrogate peak

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) no recognizable pattern.

DHS Certification No. 1644

Edward Hamilton, Lab Director

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http://www.mccampbell.com E-mail: main@mccampbell.com

QST Environmental 1340 Arnold Drive, Suite 126 Martinez, CA 94553	Client Project ID: Tri Star	Date Sampled: 08/25/98
		Date Received: 08/25/98
	Client Contact: Tom Dalzell	Date Extracted: 08/26-0828/98
	Client P.O:	Date Analyzed: 08/26-08/28/98

Diesel Range (C10-C23) and Oil-Range (C18+) Extractable Hydrocarbons as Diesel and Motor Oil*

EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCFID(3550) or GCFID(3510)

Lab ID	Client ID	Matrix	TPH(d)+	TPH(mo)+	% Recovery Surrogate
94130	MW-1	W	110,b	ND	110
94131	MW-2	W	ND	ND	111
94133	MW-4	W	1800,d,b	ND	109
94134	MW-5	W	2800,d,b	ND	110
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	250 ug/L	
		S	1.0 mg/kg	5.0 mg/kg	

*water samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP / STLC / SPLP extracts in ug/L

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel (?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
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QC REPORT FOR HYDROCARBON ANALYSES

Date: 08/24/98-08/25/98 Matrix: WATER

Analyte	Concentration (mg/L) Sample (#94042)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.0	92.2	94.9	100.0	92.2	94.9	2.8
Benzene	0.0	9.6	9.4	10.0	96.0	94.0	2.1
Toluene	0.0	9.8	9.6	10.0	98.0	96.0	2.1
Ethyl Benzene	0.0	9.9	9.8	10.0	99.0	98.0	1.0
Xylenes	0.0	29.9	29.4	30.0	99.7	98.0	1.7
TPH(diesel)	0.0	169	162	150	113	108	4.0
TRPH (oil & grease)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

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QC REPORT FOR HYDROCARBON ANALYSES

Date: 08/28/98-08/29/98 Matrix: WATER

Analyte	Concentration (mg/L) Sample (#94114)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.0	94.3	97.1	100.0	94.3	97.1	3.0
Benzene	0.0	9.4	9.7	10.0	94.0	97.0	3.1
Toluene	0.0	9.6	9.9	10.0	96.0	99.0	3.1
Ethyl Benzene	0.0	9.8	10.3	10.0	98.0	103.0	5.0
Xylenes	0.0	29.5	31.3	30.0	98.3	104.3	5.9
TPH(diesel)	0.0	171	157	150	114	105	8.9
TRPH (oil & grease)	0	20700	21000	23700	87	89	1.4

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

12105 X(831.30)

QST ENVIRONMENTAL INC.

ANALYSIS REQUEST AND CHAIN-OF-CUSTODY RECORD

QST PROJECT NAME: Tri-Star | QST PROJECT #: | PAGE 1 OF 1

PROJECT LOCATION: 5200 Telegraph Av. | PROJECT DESCRIPTION: Site Investigation

SAMPLE(S) COLLECTED BY (Signature): Barry Stone | PROJECT MANAGER: Tom Dalzell

LABORATORY NAME: McCampbell Mitre Analytical | LABORATORY PHONE NUMBER:

Container ID	Lab ID # (Lab Use Only)	Date Sample Collected	Time Sample Collected	Number Of Containers	Type: Grab	Type: Composite	Type: Discrete	Matrix: Soil	Matrix: Water	Matrix: Air	Matrix: Sludge	Matrix: Product	Matrix: Solid	Matrix: Other	Preservation (i.e., Ice, HCl, & etc.)	Location And/Or Description	Analysis Requested: BTEX by 8020	PAHs by 8100	Total Lead By 7420	TPH By 8015 (M) G	TCLP Lead	Paint Filter	Flash Point	Other: TPH by 8015m-D	Other: TPH by 8015m-DHO	Other: MTBE by 8020	Remarks	
MW-1		8-25-98	12:50	4	✓				✓						Ice		✓			✓				✓	✓	✓		94130
MW-2		8-25-98	1:50	4	✓				✓						Ice		✓			✓				✓	✓	✓		94131
MW-3		8-25-98	2:35	4	✓				✓						Ice		✓			✓				✓	✓	✓	Only BTEX, MTBE	94132
MW-4		8-25-98	2:25	5	✓				✓						Ice		✓			✓				✓	✓	✓		94133
MW-5		8-25-98	12:05	5	✓				✓						Ice		✓			✓				✓	✓	✓		94134

MTBE needs to be taken ≤ 5.

Barry Stone

	VOAS	O&G	METALS	OTHER
PRESERVATION APPROPRIATE				

Special Laboratory Reporting Limits:

Turn Around Time: Normal.

Other Notes:

ICE/T ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓

Laboratory Use Only: CONTAINERS ✓

Relinquished By:	Date/Time	Received By:	Relinquished By:	Date/Time:	Received By:
Barry Stone	8-25-98 5:40pm	Chuck V MAI			
Relinquished By:	Date/Time	Received By:	Relinquished By:	Date/Time:	Received By:

1340 ARNOLD DRIVE, SUITE 126 * MARTINEZ, CALIFORNIA 94553 * PHONE (925) 313-0840 * FAX (925) 313-0844

LPV