STATEMENT AL SECTION -4 PM 4:57



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

SUBJECT: FIRST 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 first 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. Groundwater monitoring activities were completed at the downgradient former Chevron site on February 18, 1998 by Blaine Tech Services, Inc. (Blaine). The following report describes the activities completed and the results.

FIELD ACTIVITIES

On March 23, 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 (Figure 2. Site Map). No evidence of free-product was found in any of the four on-site 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 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 Analytical Inc. (McCampbell) 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 tertiary butyl ether (MTBE) by

Mr. Ondrej Kojnok/Tri Star Partnership April 28, 1998 Page 2

Environmental Protection Agency (EPA) methods 8015, 8015M, 8015M, 8020, and 8020, respectively. Laboratory reports and chain-of-custody documentation are included as an attachment.

Purge water and equipment rinseate was 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 four on-site wells from the most current sampling event, ranged from 3.49 feet to 5.12 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 3 - Groundwater Elevation Contour Map, March 23, 1998. Groundwater onsite was found to flow generally towards the south at an approximate gradient of 0.012 foot per foot.

- TPH-G was detected in wells MW-2, MW-3, and MW-4 at concentrations of 200 μ g/L, 2,500 μ g/L, and 950 μ g/L, respectively.
- TPH-D was detected in wells MW-1, MW-2, MW-3, and MW-4 at concentrations of 96 μ g/L, 200 μ g/L, 1,900 μ g/L and 740 μ g/L, respectively.
- TPH-MO was detected in well MW-4 at a concentration of 500 μ g/L.
- Benzene was not detected above reporting limits in any well.
- Toluene was detected in wells MW-2, MW-3, and MW-4 at concentrations of 0.09 μ g/L, 3.2 μ g/L, and 2.7 μ g/L, respectively.
- Ethybenzene was detected in wells MW-3 and MW-4 at concentrations of 3.5 μ g/L, and 1.0 μ g/L, respectively.
- Total Xylenes was detected in wells MW-3 and MW-4 at concentrations of 7.7 μ g/L, and 1.3 μ g/L, respectively.
- MTBE was not detected above reporting limits in any well.

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Table 2 - Historical Groundwater Analytical Data is a tabular summary of the laboratory report for this quarter and previous quarters. Figures 4 through 7 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 first quarter 1998 groundwater monitoring activities, QST concludes the following:

• Groundwater flow direction generally (to the south at a gradient of 0.012 ft/ft) compares with previously obtained data for the site.

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.

Micah S. Rapoport

Senior Staff Scientist

Thomas D. Dalzell

Project Manager

Mark F. Bittner, R.G.

Senior Geologist

California R.G. No. 5701

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OST Environmental Inc.

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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 - Estimated Extent of TPH-G in Groundwater, March 23, 1998 Figure 5 - Estimated Extent of TPH-D in Groundwater, March 23, 1998 Figure 6 - Estimated Extent of Benzene in Groundwater, March 23, 1998 Figure 7 - Estimated Extent of MTBE in Groundwater, March 23, 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

TABLE 1
HISTORICAL GROUND WATER ELEVATION DATA

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

Well LD.	Date	Datum	Depth to Water	Ground Water Elevation
			(feet)	(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	İ	9.95	105.49
	12/12/97		10.28	105.16
	3/23/98		5.12	95.44
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
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
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
	3/23/98		3.49	110.76

Note:

ft AMSL = feet above mean sea level.

TABLE 2
HISTORICAL GROUND WATER ANALYTICAL DATA

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

Well I.D.	Date Sampled	TPH-D	TPH-MQ	TPH-G	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	VOCs	60:02:00:00	N	letals (mg/		
		(μg/L)	(µg/L)	(µg/L)	(µg/L)	(μg/L)	(μ g/ L)	(μg/L)	(μg/L)	(µg/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
l	.01/18/95	240	-	620	8.5	2.1	1.3	2.3	-	-	<0.010	0.026	<0.020	0.024	0.067
ł	06/26/96	56 ^{b,d}	<250	180ª	< 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 _q	<250	520 ⁱ	<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	_				-	_
MVV-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
1	07/20/94	<50	_ i	<50	<0.50	<0.50	<0.50	<0.50	- 1		<0.010	0.022	<0.020	0.045	0.068
1	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	;				_	
1 !	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			_		**	
i I	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					1	
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
i I	10/21/94	1,200	-	6,300	69	37	29	38	-		<0.010	<0.010	<0.020	0.036	0.140
l	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°	15	17	23	40	53				-	-	
(Dup)	06/26/96	2,700 ^{d,f}	<250	6,600°	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°	<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	<0.50	3.2	3.5	7.7	<20					_	
(Dup)	3/23/98	1600 ^d	<250	2400 ^{bj}	<0.50	4.0	3.4	4.4	<18				-		

TABLE 2
HISTORICAL GROUND WATER ANALYTICAL DATA

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

Well I.D.	Date Sampled	TPH-D	TPH-MO	TPH-G	Benzene	Taluene	Ethylbenzene	Total Xylenes	MTBE	VOCs		N	letals (mg/l)	
0.000.000.000.000		(µg/L)	(μg/L)	(µg/L)	(µg/L)	(μg/L)	(μg/L)	(μg/L)	(µg/L)	(µg/L)	cadmium	chromium	lead	nickel	zinc
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	- i	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		ļ <u></u>	[-		
	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 ⁱ	<0.25	4	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 ^l	<0.50	2.7	1.0	1.3	<17	_	_		_		-
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"	64.600000000000000000000000000000000000	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.

VOCs = Volatile Organic Compounds.

μg/L = micrograms per liter or parts per billion (ppb).

mg/L = milligrams per liter or parts per million (ppm).

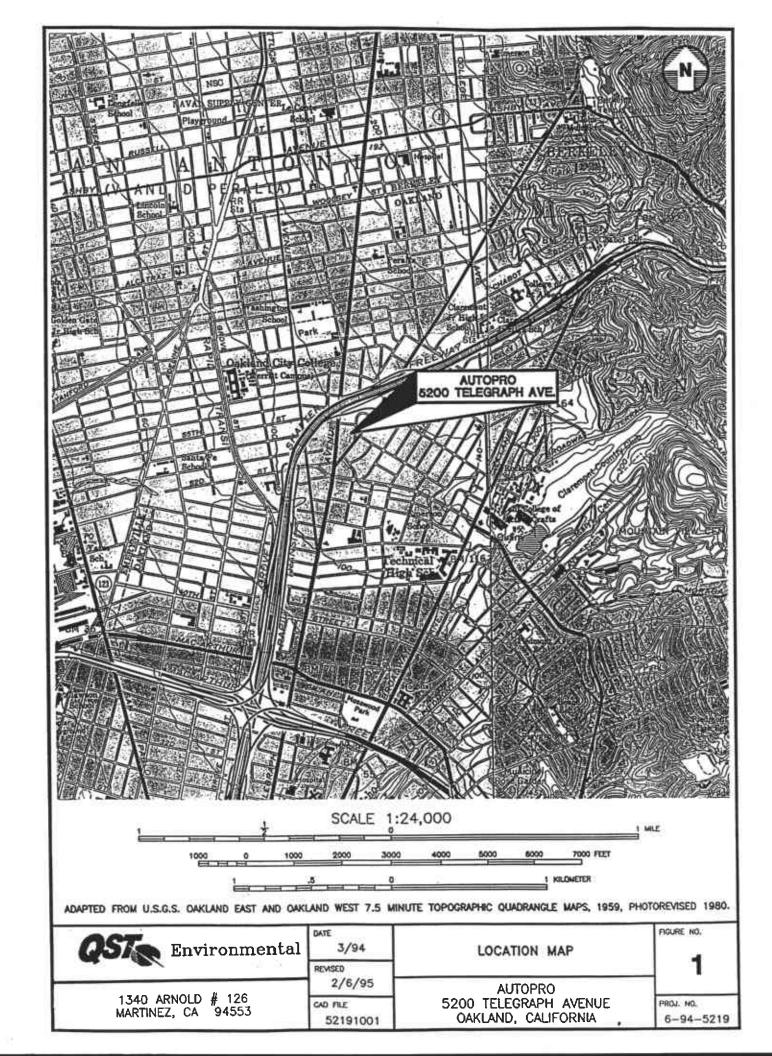
< = less than listed detection limits.

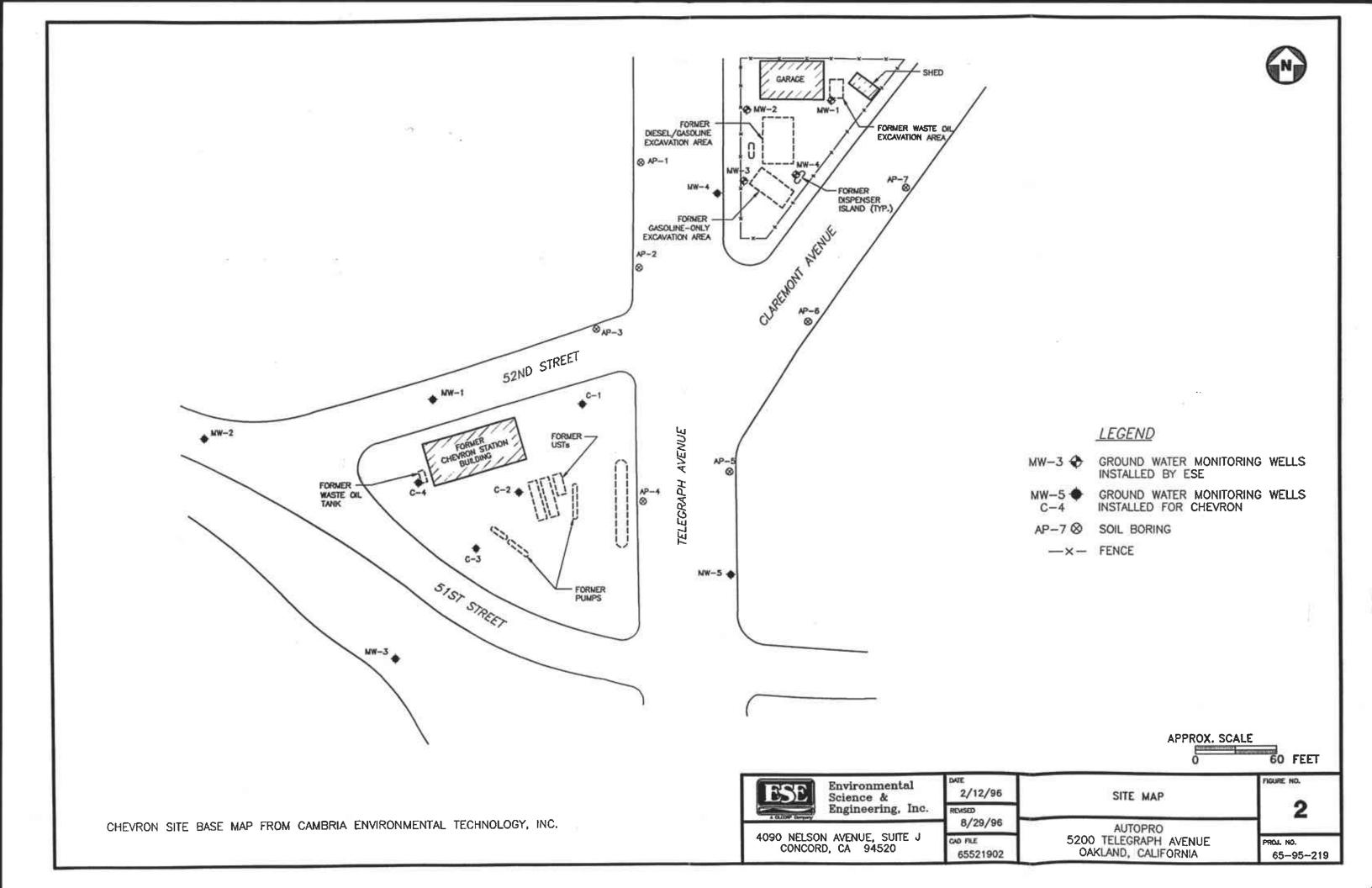
- = not applicable.

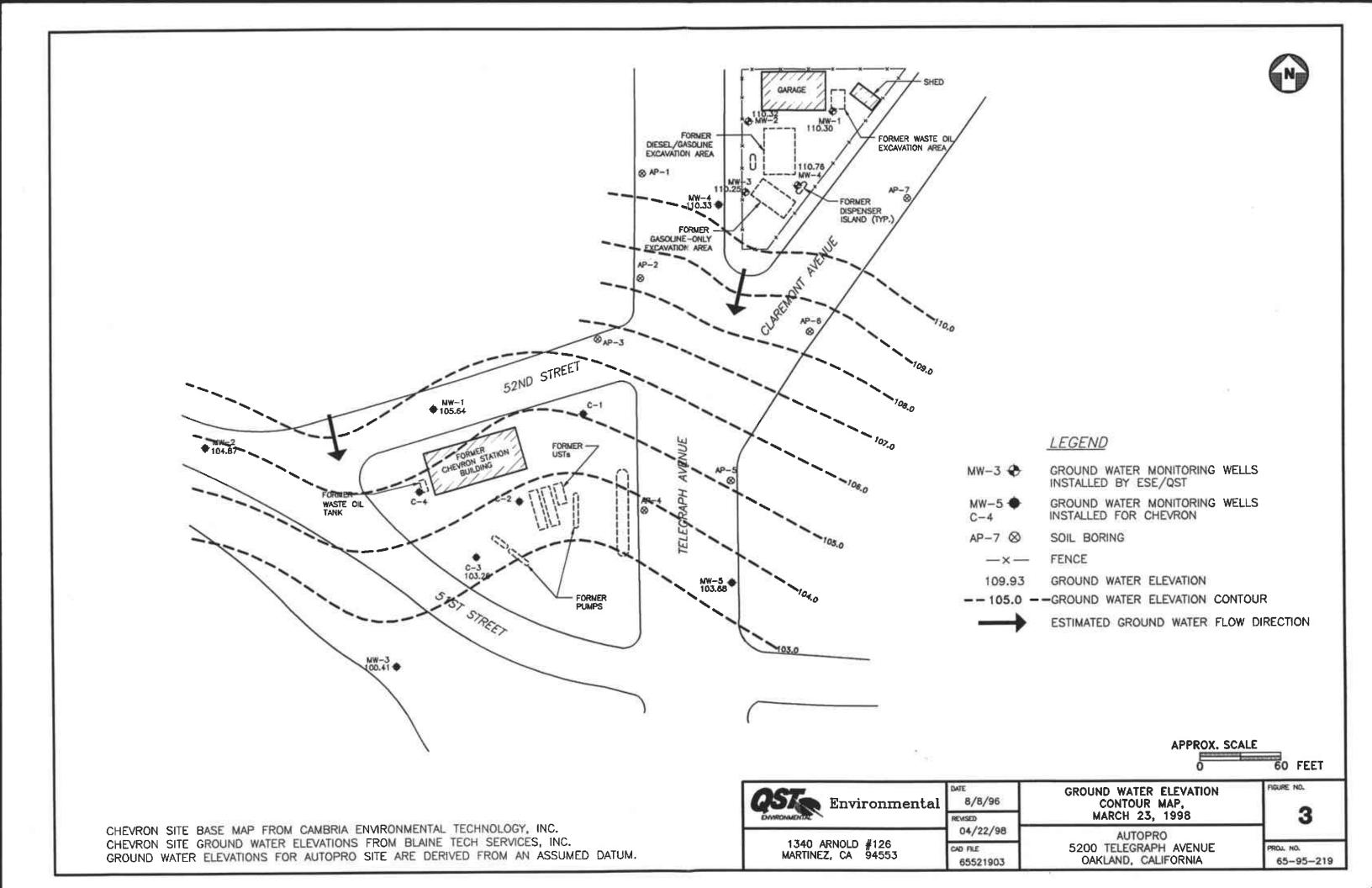
- " = unmodified or weakly modified is significant.
- b = heavier gasoline range compounds are significant (aged gasoline?).
- = lighter gasoline range compounds (the most mobile fraction) are significant.
- 4 = gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?
- g = oil range compounds are significant.
- " = one to a few isolated peaks present,
- ¹ ≈ no recognizable pattern,

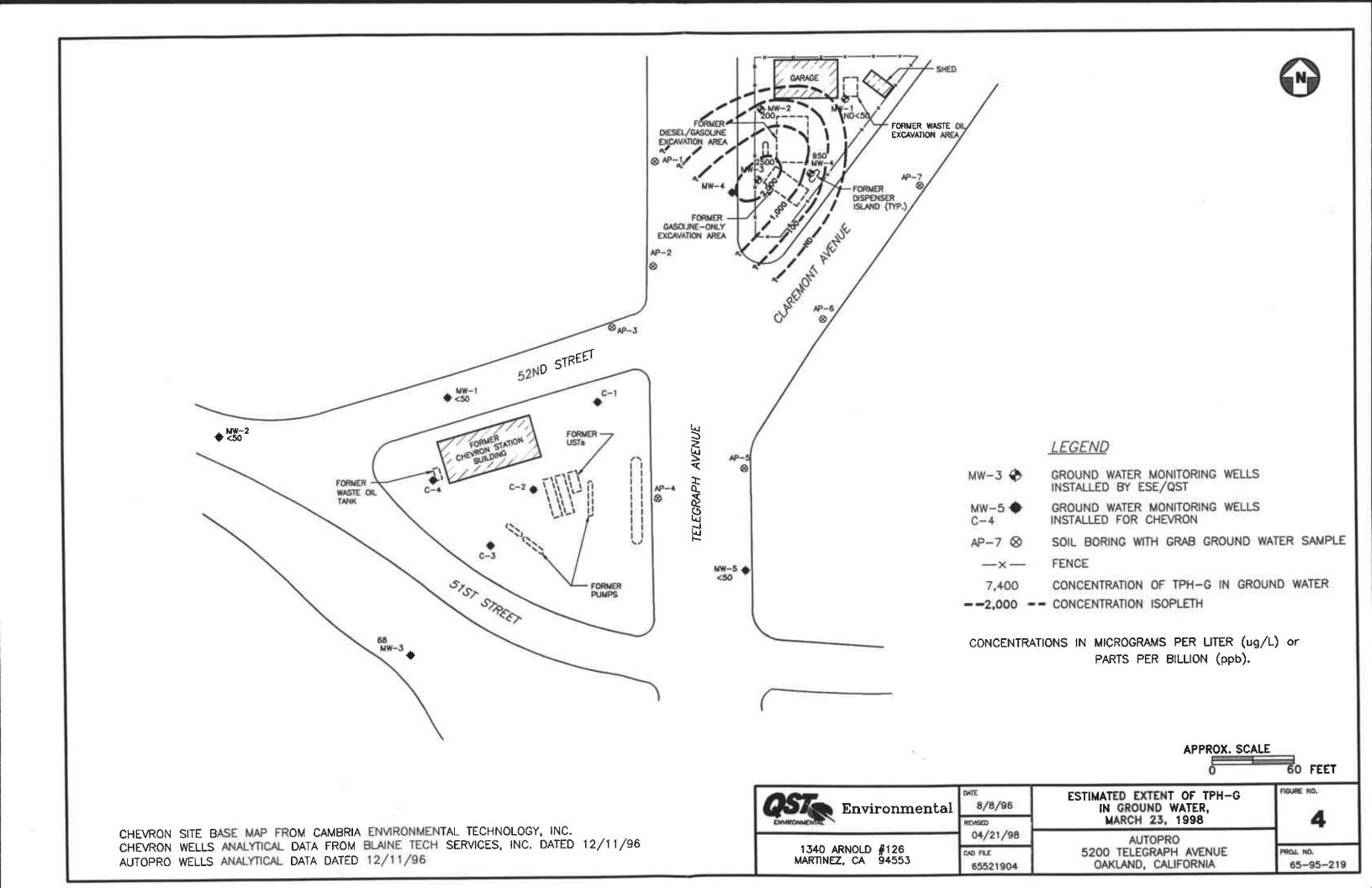
MCL = primary Maximum Contaminant Limit as defined by the California Department of Health Services (DHS) Drinking Water Standards.

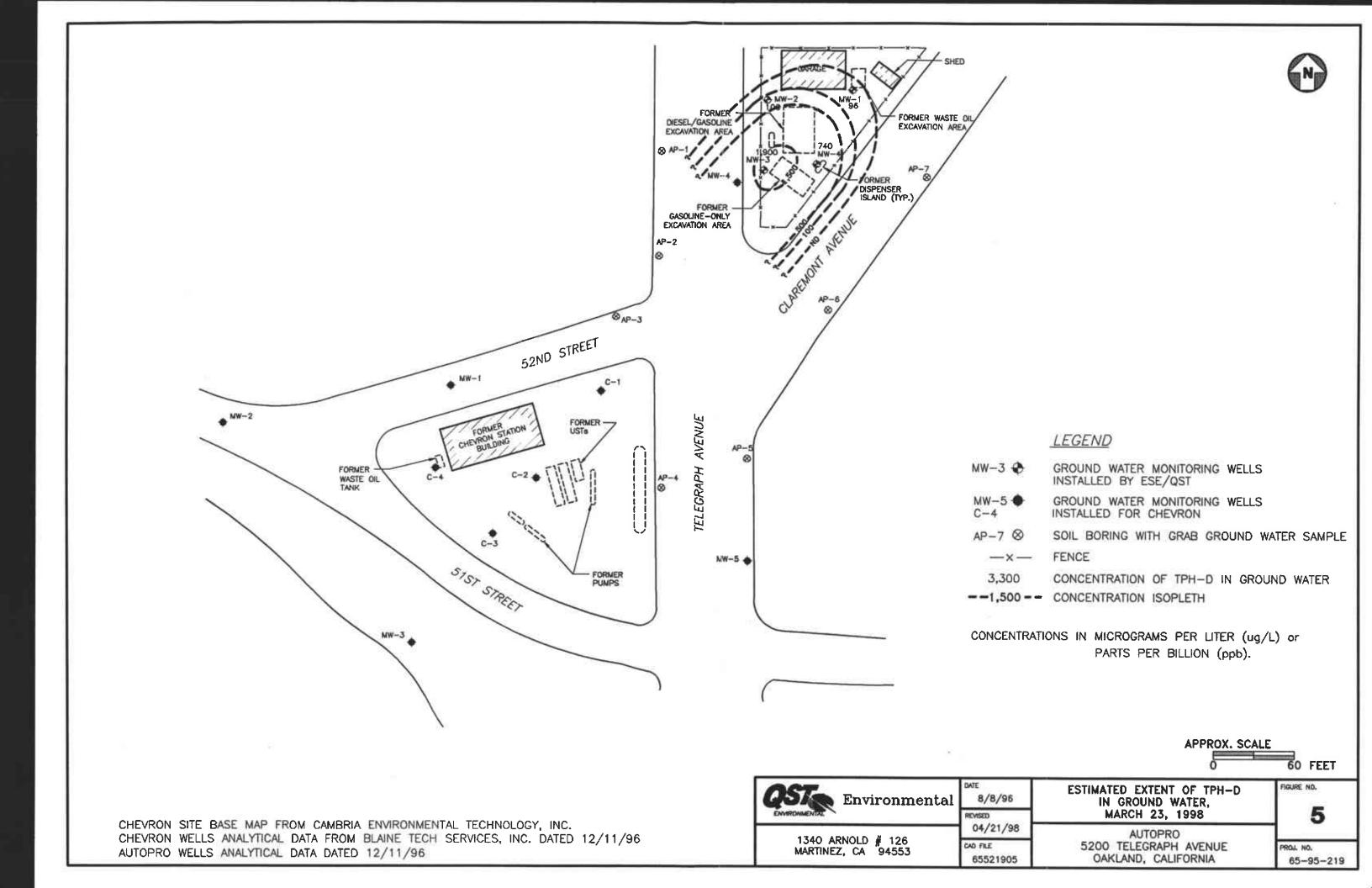
- * = DHS Action Level.
- ** = regulated by the Federal Lead and Copper Rule.
- *** = secondary MCL.

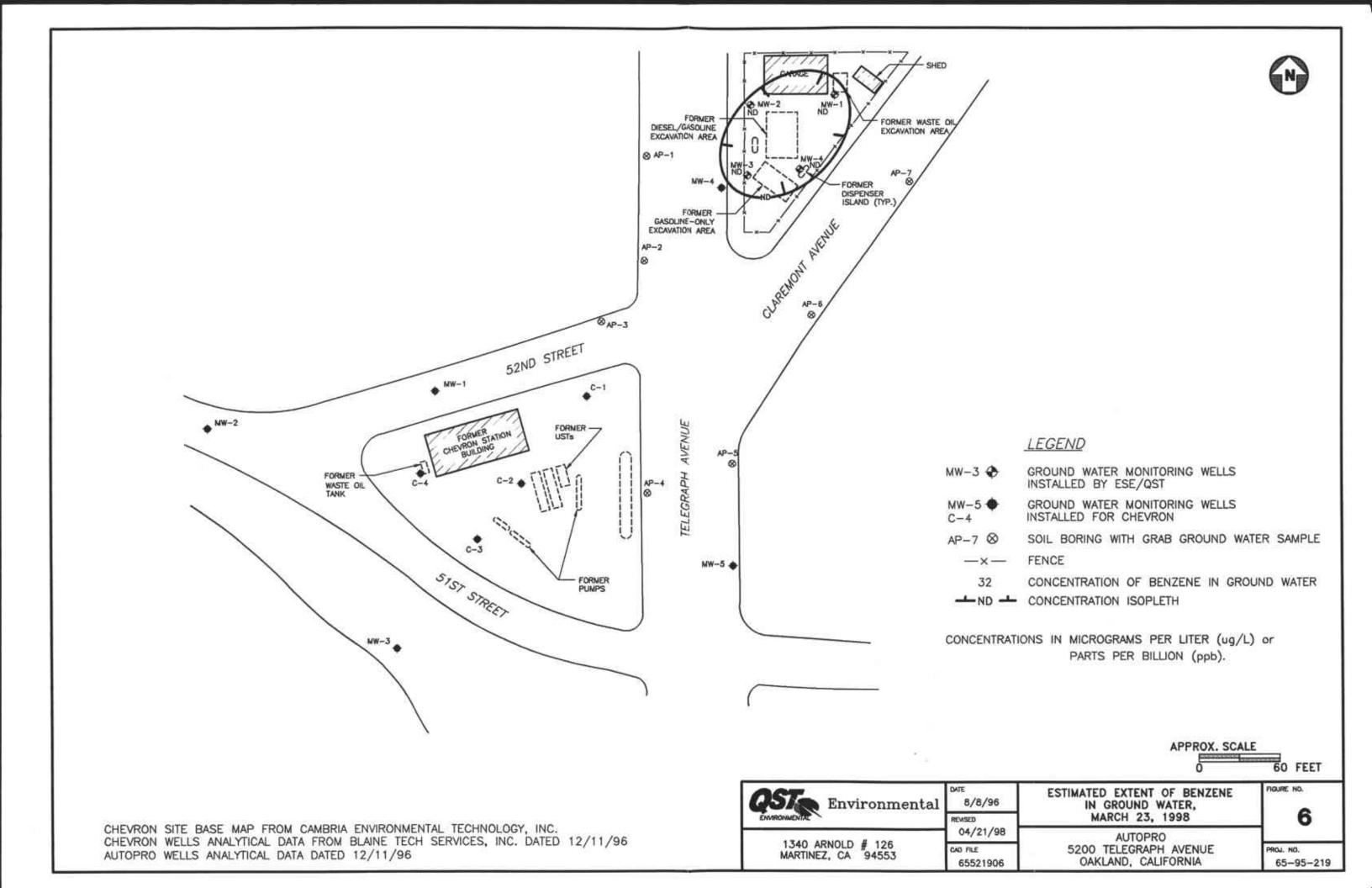


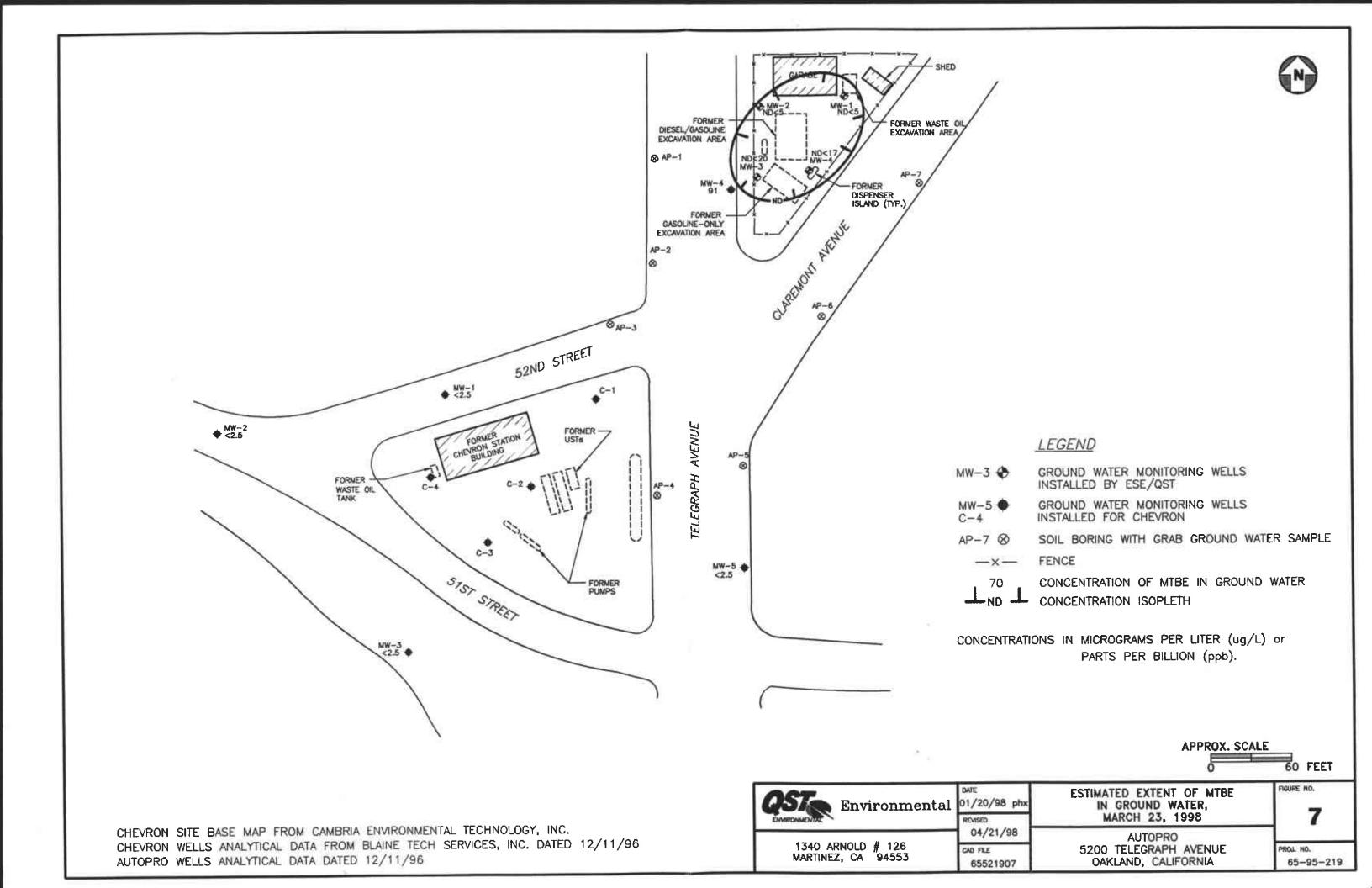












GROUNDWATER SAMPLE COLLECTION LOGS



A CILCORP COMPANY

SAMPLE COLLECTION LOG

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<i>l ittorino</i>	ornandad	mraderata	
O 11 C 114K	CAL WINGCO	DIUGUEL	ana sprvices

	panaea proaucts ar				* *		
PROJECT NO.	05752/9	TNERSHIP-CARZ	AND .	SAMPLE LOC SAMPLER:	A. KAPUPOKT	141	
DATE: 4/23/9				PROJECT MA	NAGER: 7. Z	AUZELL	
CASING DIAME	TER	SAMPLE T	Y PE		WELL VOLU	MES PER UNIT	1. 1. 1.
2		Ground Wal			Well Casing		
Other		Surface Wa Treat, Influe			I.D. (inches)	Gal/Ft	
		Treat. Efflue			2.0 	─0.1632 0.6528	
		Other			6.0	1.4690	
DEPTH TO PRO	DUCT:(ft.)	PRODUCT THIC	KNESS:	(ft.) MINIM	IUM PURGE VO	LUME	
DEPTH TO WAT	ER: <u>5./2</u> (ft.) L: 28.92 (ft.)	WATER COLUMI	N:2380	(ft.) (3 or 4	4 WCV):_//.65	(gal)
		WELL CASING V	OLUME:21	<u>198 (g</u> ai) actu.	AL VOLUME PL	RGED: /22 (c	jal)
	Volume		r o	_			
TIME	(GAL)	pH (Units)	E.C. (Micromhos)	Temperature (F°)			
1000	-0_	7 24	087	64.6	(NTU)	Other	
1007	6	7.26	090	64.8			·;
1015							
4.7	12	7.26	0.92	64.8			
INSTRUMENT C	ALIDDATION						
pH/COND./TEMI TURBIDITY:	Р: ТҮРЕ <i>Ш</i>	24C_ UNIT#_951	Z DATE		ME: 0800	BY: My	
TORBIUMY:	TYPE	UNIT#	DATE	TIA	ΛE:	BY:	
PU	RGE METHOD			SA	MPLE METHO	D	
Displacement	Pump	Other		Bailer (Teflo	on/PVC/SS)	Dedicated	
Baller (Teflon,	/PVC/SS) _X_	Submersible Pump	5 3 3 m	Bailer (Disp	osable)	Other	· · · · · · · · · · · · · · · · · · ·
				7 m 2 m 3 m			•
SAMPLES COLL	ECTED						
SAMPLE	MATEL	TIME	DATE	LAB	ANAL	SES LAND	
DUPLICATE	7-11/	1300	7/47/10		_ <i>516</i> (/	PHG/174-D/1PH	שדוא/שאי
SPLIT		A SA SA SA SA SA			-		
FIELD BLANK					<u> </u>		
COMMENTS:							
1	$\Delta \Delta $		·				 .
-//					•		
SAMPLER: 4090 Nelson Av	rapita Suita I		PROJEC	T MANAGER	<u> </u>		
4070 INCISUIT AV	caue, suite J	Concord, CA 94520)	Phone (510) 685-40)53 Fa	x (510) 685-5323	



10 expanded products and comices

SAMPLE COLLECTION LOG

PROJECT NAME PROJECT NO.; DATE: 3/23/9	4595219	NERSHIP OLK	<u>IAND</u>	SAMPLE LOCA SAMPLER: M.	KAPOPORT	
				PROJECT MAC	WGEN: MON	T. TALZELL
CASING DIAME	TER	SAMPLE T	YPE		WELL VOLUI	MES PER UNIT
2 <u> </u>		Ground Wa	iter_X_		Well Casing	
4 ⁻ Other		Surface Wa			I.D. (inches)	Gal/Ft.
Oniei		Treat. Influe Treat. Efflue			2.0	→ 0.1632
		Other	31 RL		4.0 6.0	0.6528 1.4690
DEPTH TO PROI DEPTH TO WATI DEPTH OF WELL		WATER COLUM	IN: <i>2(1) (14</i>	(ft.) MINIME (ft.) (3 or 4 27 (gal) ACTUA	JM PURGE VO WCV):_ <i>9.8.</i> L VOLUME PU	/ (gol)
TIME (QQ)	Volume (GAL)	pH (Units) 2.20	E.C. (Micromhos)	Temperature (F°)	Turbid. (NTU)	Other
1030	<u>5</u>	7.2]	1.04	66.2		
7040	70	7.2 1	1.04	60.2		
NSTRUMENT C	Al IDDATION					
H/COND./TEMI URBIDITY:	P. TYPE ## TYPE	DAC UNIT#_950 UNIT#	28_ DATI DATI	= <u>3/23/93</u> TIM E TIM	E:	BY:
PUF	RGE METHOD			SAN	APLE METHO	
Displacement Bailer (Teflon,		Other Submersible Pump		Bailer (Teflor	n/PVC/SS) osable)	Dedicated Other
AMPLES COLL	ECTED					
AMPLE DUPLICATE PLIT	MW2	1400 	3/23/4	AMAL/	ANALY BIENTI	SES HE KRILD TRHMAM
IELD BLANK			<u> </u>			_
OMMENTS:						
7	$\sim \Lambda$					
AMPLER:					,	
4090 Nelson Av	amura Cuità I	Concord, CA 9452		T MANAGER Phone (510) 685-405		



4090 Nelson Avenue, Suite J

SAMPLE COLLECTION LOG

PROJECT NAME:	ARISTAN VARIAN	_	4WP	SAMPLE LOC SAMPLER:	ATION I.D.: M RAJOPARY NAGER: 7, DA	W-3
DATE: 3/23/99	3.			PROJECT MA	NAGER: 7. DA	USU
CASING DIAMET	ΓER	SAMPLE	TYPE		WELL VOLUI	MES PER UNIT
2"X 4"		Ground V	Vater_X_		Well Casing	
4" Other		Surface V			I.D. (inches)	Gal/Ft.
Offici		Treat. Infl Treat. Effl	luent		2.0	 0.1632
		Other_	uerk	1	4.0 6.0	0.6528 1.4690
					0.0	1.4090
DEPTH TO PROD	UCT:(ft.)	PRODUCT TH	ICKNESS:	(ft.) MINIM	UM PURGE VO	LUME
DEPTH TO WATE	11. 2.65 (ft.)	WATER COLU	MN: 40.43	(ft.) (3 or 4	WCV): <u>/0.0</u> AL VOLUME PU	
	- (()	WELL OAGING	A AOLOIME	27 (gai) ACTU	AL VOLUME PU	RGED:_ <i>[0</i> (gal)
TIME	Volume	рН	E.C.	Temperature		
1045	(GAL)	(Units)	(Micromhos)	<u>68.3</u>	(NTU)	Other
1055		<u> 718</u>	1.04	66.8	e	
1105	<u> </u>	50	1.00	775		
107	<u>. w</u>	7.18	1.04	-662	<u> </u>	<u> </u>
INSTRUMENT CA	LIBRATION					
pH/COND./TEMP	TYPE LA	W UNIT# 1	10	ahalaa _	_ 10	K.A.
TURBIDITY:	TYPE_	UNIT#	DATE	<i>3/23/98</i> TIA	NE: <i>0800</i> NE:	BY:
				•	<u></u>	D1;
DUB	CE METHOD					
PUR	GE METHOD			SA	MPLE METHOL)
Displacement I	Pump (Other		Bailer (Tello	on/PVC/SS)	Dedicated
Bailer (Tellon/I		ubmersible Pun	np	Z Bailer (Disp	osable)	Other
SAMPLES COLLE	CTED					
	. ID	TIME	DATE	LAR	ANALY	/CEC .
SAMPLE	MN-3	TIME 1600	3/23/58	MAU	_ PATENT	PAGE HPU-DION-MIN
DUPLICATE SPLIT						
FIELD BLANK	<u> </u>	-		<u> </u>		_
ν	/ / / / /	<u> </u>			-	<u></u>
COMMENTS: KC	Moved IRC3	PRIOR TO A	[E] MEAGUR	EMENTS !	SANGING	<u> </u>
				·— :		
11.	- n/+	<u> </u>				· · · · · · · · · · · · · · · · · · ·
///	7 1/1/					
SAMPLER!	<u> </u>	<u></u>	PROJEC	T MANAGER		

Concord, CA 94520

Phone (510) 685-4053

Fax (510) 685-5323



SAMPLE COLLECTION LOG

	ea proaucts and	_				1.6.2	3 22 6
PROJECT NO.:_	15TAR YARTA	FRSHIP - BUL	CAMP	SAMPLE LO	CATION I.D.:	WY	
DATE: 7/27/56	75 417				A. CAPOPORT ANAGER: 1. D	NYEII	
2/2/20				THOOLOT ME	AMAGEN.		<u> </u>
CASING DIAMETER		CARDIE :	D/DE				<i>i'</i> 1-
		SAMPLE	IYPE		WELL VOLU	MES PER UN	liT
2"_ -		Ground Wa	ater 🗶		Well Casing		
		Surface W	ater		I.D. (inches)	Gal/Ft.	
Other		Treat. Influ			2.0	0.1632	
		Treat. Efflu	ent		4.0	0.6528	
		Other	<u> </u>		6.0	1,4690	
DEPTH TO PRODUC	T:(ft.)	PRODUCT THE	CKNESS:	(ft.) MINI	MUM PURGE VO	LUME	136
DEPTH TO WATER: DEPTH OF WELL:		WATER COLUM	IN: <u>20.5</u>	2_(ft.) (3 or	4 WCV): 10	04	(gal
DEI III OI WEEL.	(7-03 (IL)	WELL CASING	VOLUME: 3	126 (gal) ACIL	JAL VOLUME PU	RGED://_	(gal
			e i de la companya d				
	Volume	pН	E.C.	Temperatur	e Turbid.		•
TIME	(GAL)	(Units)	(Micromhos)	(F,°)	(NTU)	Othe	er :
<i>_#</i> /		7.08	1.24	64.8		<u> </u>	 ja -
1/20	- 5 -	210	7.24	65.0			
7/40		7.18	1.24	65.2			
NSTRUMENT CALI	BRATION						
	11.	0.		-1.1.			
OH/COND./TEMP.: TURBIDITY:	TYPE <i>HYUI</i> TYPE	4 UNIT# 950			ME: #800	BY:4M/C	
Ondibiti.		UNIT#	DATI	2:	ME:	BY:	
PURGE	METHOD			S	AMPLE METHO	D	
Displacement Pur							
Bailer (Teflon/PV		ther Jbmersible Pum			fion/PVC/SS)	Dedicat	ted
	0/00/ <u></u> 8(inineigine Editi	P	Bailer (Dis	sposable)	Other	. •
SAMPLES COLLECT			_ :				
SAMPLE	Mill	TIME 1600	DATE	LAE		SES,	/
DUPLICATE	MIN T	1000	2/42/16	<u> </u>	L BEAT	מו <i>וערייוון פא</i> ני	HINLS/
SPLIT	· · · · · · · · · · · · · · · · · · ·						- · •
FIELD BLANK						-	
COMMENTS V	-1 D1		h		.,_, ,_	_	
COMMENTS: COM	rd CXC3	PRIOR 10	well M	EASUREME	N7S 5 SAMP	116	
	<u> </u>						:
100	1		· · · · · · · · · · · · · · · · · · ·				
L /_ /_	/- V 17					•	
SAMPLER:		<u> </u>		CT MANAGER			
4090 Nelson Avenue	, Suite	Concord, CA 945	520	Phone (510) 685-	4053 E	v (510) 485 5222	



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	Client Project ID: #6595219; Tristar	Date Sampled: 03/23/98
1340 Arnold Drive, Suite 126	Partnership	Date Received: 04/06/98
Martinez, CA 94553	Client Contact: Micah Rapoport	Date Extracted: 04/06/98
	Client P.O:	Date Analyzed: 04/06/98



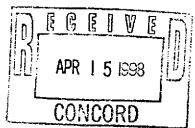
Dear Micah:

Enclosed are:

- 1). the results of 6 samples from your #6595219; Tristar Partnership project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

04/13/98



Yours truly

Edward Hamilton, Lab Director

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	Client Project ID: #6595219; Tristar	Date Sampled: 03/23/98		
1340 Amold Drive, Suite 126	Partnership	Date Received: 04/06/98		
Martinez, CA 94553	Client Contact: Micah Rapoport	Date Extracted: 04/07-04/08/98		
	Client P.O:	Date Analyzed: 04/07-04/08/98		

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) ⁺	МТВЕ	Вепгепе	Toluene	Ethylben- zene	Xylenes	% Recovery Surrogate
87811	MW-1	W	ND	ND	ND	ND	ND	ND	90
87812	MW-2	w	200,j	ND	ND	0.091	ND	ND	97
87813	MW-3	w	2500,b,j	ND<20	ND	3.2	3.5	7.7	104
87814	MW-4	w	950.j	ND<17	ND	2.7	1.0	1.3	105
87815	DUP	w	2400,b,j	ND<18	ND	4.0	3.4	4.4	105
87816	TRIP	w	ND	ND	ND	ND	ND	ND	103
								-	
							<u> </u>		
Reporting otherwis	g Limit unless se stated; ND	w	50 ug/L	5.0	0.5	0.5	0.5	0.5	
means not	detected above orting limit	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.

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Telephone: 925-798-1620 Fax: 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

QST Environmental	Client Project ID: #6595219; Tristar	Date Sampled: 03/23/98		
1340 Arnold Drive, Suite 126 Martinez, CA 94553	Partnership	Date Received: 04/06/98		
	Client Contact: Micah Rapoport	Date Extracted: 04/07-04/08/98		
	Client P.O:	Date Analyzed: 04/07-04/08/98		

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	
87811	MW-1	w	96,g,b	ND	101	
87812	MW-2	w	100,d/b	ND	101	
87813	MW-3	w	1900,d	ND	100	
87814	MW-4	w	740,d,g 500		101	
87815	DUP	w	1600,d	ND	101	
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		w	50 ug/L	250 ug/L		

^{*}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.

QC REPORT FOR HYDROCARBON ANALYSES

Date: 04/06/98-04/07/98 Matrix: WATER

	Concent	ration	(mg/L)		% Reco	very	
Analyte	Sample			Amount	ĺ	-	RPD
	(#87 4 90)	MS	MSD	Spiked	MS	MSD	
TPH (gas)	0.0	111.3	107.4	100.0			
Benzene	:	· · · · · · · · ·	107.4	100.0	111.3	107.4	3.6
	0.0	10.2	9.9	10.0	102.0	99.0	3.0
Toluene	0.0	10.6	10.3	10.0	106.0	103.0	2.9
Ethyl Benzene	0.0	10.5	10.1	10.0	105.0	101.0	3.9
Xylenes	0.0	31.3	30.1	30.0	104.3	100.3	3.9
TPH(diesel)	0	174	168	150	116	112	3.6
TRPH (oil & grease)	0	23800	23600	23700	100	100	0.8

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

RPD = (MS - MSD) / (MS + MSD) \times 2 \times 100

QC REPORT FOR HYDROCARBON ANALYSES

Date: 04/08/98-04/09/98 Matrix: WATER

	Concent	ration	(mg/L)		% Reco	very	
Analyte	Sample			Amount	ĺ	-	RPD
	(#87875) 	MS	MSD	Spiked 	MS	MSD	
TPH (gas)		100 =					
;	0.0	108.5	96.4	100.0	108.5	96.4	11.8
Benzene	0.0	9.8	9.6	10.0	98.0	96.0	2.1
Toluene	0.0	11.5	10.0	10.0	115.0	100.0	14.0
Ethyl Benzene	0.0	10.7	10.0	10.0	107.0	100.0	6.8
Xylenes	0.0	35.2	31.4	30.0	117.3	104.7	11.4
 TPH(diesel) 	0	162	153	150	108	102	5.9
TRPH (oil & grease)	0	25300	26200	23700	107	111	3.5

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

 $RPD = (MS - MSD) / (MS + MSD) \times 2 \times 100$

4/6/00 000	CHAIN OF CUSTODY RECORD	10413 ×95+ 18.doc		
PROJECT NAME TRISTAR PARTNERS	ANALYSES TO BE PERFORMED MATRIX	A CILCORP COMPANY Offering expanded		
ADDRESS <u>S200 TELEGRAPH R</u> <u>OAKLAND, CA 946</u> PROJECT NO. <u>6595219</u>		Phone 510-313-0840 • Fax 510-313-0844		
SAMPLED BY M. RAPOPORT LAB NAME MCCAMPBEL ANALYTIC SAMPLE # DATE TIME LOCAT	AI O E F R S	REMARKS (CONTAINER, SIZE, ETC.)		
× MW-1 3/23/98 /300 DAKU × MW-2 3/23/98 /400 1	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 VOA'S, IL GAMBER		
MN-3 3/23/98 /500 × MW-4 3/23/98 /600	H ₂ D 4/4	87.8111		
DUP 3/23/98 - 3/23/98 -	H ₂ 0 4 H ₂ 0 2	3 VOA'5 87.813		
	ICE/N PRESERVATION APPROPRIATE HEAT SPACE ABSENT CONTAINERS	87.87.5 87.81.6		
RELINQUISHED BY: (signature)	RECEIVED BY: (signature) date time	TOTAL NUMBER OF CONTAINERS		
2. STORAGE: Jule. 3. L. P. R.	TORAGE: MAT 1610 REPORT RESULTS PASA V MAT 46185:25 M. PAROPO	SPECIAL SHIPMENT REQUIREMENTS JOSEPH TOE		
5. INSTRUCTIONS TO LABORATORY (nandling, analyses, storage, etc.):	SAMPLE RECEIPT CHAIN OF CUSTODY SEALS		
REC'D GOOD CONDTN/CO				