



TANK PROTECT ENGINEERING
of Northern California, Inc.

216

ENVIRONMENTAL
PROTECTION
97 APR 15 AM 8:19

April 7, 1997

Messrs. Aaron and Stanley Wong
2200 E. 12th Street
Oakland, CA 94606

Re: First Quarter Report, 1997, Credit World Auto Sales, 2345 E. 14th Street,
Oakland, CA 94601

Dear Messrs. Wong:

Tank Protect Engineering of Northern California, Inc. (TPE) is pleased to submit this quarterly letter report of environmental services conducted at the subject site. Previous work conducted prior to January 1, 1997 is summarized in TPE's January 10, 1997 Fourth Quarter Report, 1996, Credit World Auto Sales, 2345 E. 14th Street, Oakland, CA 94601. Work conducted during the subject quarter is presented in detail below.

WORK PERFORMED BY TPE DURING FIRST QUARTER, 1997

- January 10, 1997 - Submitted a Fourth Quarter Report, 1996, Credit World Auto Sales, 2345 E. 14th Street, Oakland, CA 94601 to Messrs. Wong for their approval and delivery to the Alameda County Health Care Services Agency (ACHCSA).
- February 2, 1997 - Submitted an Addendum to August 4, 1995, Credit World Auto Sales, 2345 E. 14th Street, Oakland, CA 94601 to Messrs. Wong for their approval and delivery to ACHCSA.
- February 10, 1997 - ACHCSA approves the addendum to the workplan (see attached letter).

- . March 6, 1997 - TPE installed a continuously operating floating product removal system.

- . March 6, 1997 - Supervised the removal of 400 gallons of hydrocarbon contaminated groundwater stored in drums.

- . March 6, 1997 - ACHCSA requests a soil boring on private property. (see attached letter).

- . March 7 and 10, 1997 - Measured depth-to-groundwater and free product thickness in wells MW-1 through TMW-5 for evaluation of groundwater flow direction and gradient and collected groundwater samples from wells MW-1 through TMW-5 for analysis for TPHG and MBTEX. Additionally, a trip blank was analyzed for TPHG and MBTEX.

Details of work conducted during the fourth quarter are presented below.

Site Activities

TPE negotiated with ACHCSA on the locations of the offsite Geoprobe program. On February 10, 1997 ACHCSA approved the workplan in their letter Addendum to August 4, 1995 Workplan For Credit World Auto Sales, 2345 E. 14th St. Oakland CA 94601. TPE contacted the adjacent landowner nearby the subject site but was refused access. On March 6, 1997 ACHCSA requested access to private property in their letter titled Request for Access to Install Environmental Boring/ Monitoring Well on 2321 E. 14th St., Oakland CA 94601. At the present time, the offsite Geoprobe program has been postponed until further notice.

On March 6, 1997 TPE installed a floating product removal system. The system consists of a selective oil skimmer and a controllerless, down-well mounted, air operated, resilient bladder product pump and product storage tank that shuts off automatically when the product tank is full. TPE will monitor amounts of product removed and TPE will report the amounts in our next quarterly report.

On March 6, 1997 about 400 gallons of hydrocarbon contaminated groundwater stored in drums were removed by Clearwater Environmental Management. Clearwater Environmental Management transported the fuel under Uniform Hazardous Waste Manifest, State Manifest Document Number 96778988 (see attached) to Alviso Independent Oil Company located at 5002 Archer Street in Alviso, CA. Questions regarding the disposition of the removed hydrocarbon contaminated groundwater should be directed to Messrs. Wong.

Groundwater Gradient

On March 6, 1997 a TPE representative loosened well caps on all wells to allow groundwater levels to stabilize to atmospheric pressure within the wells prior to making depth-to-groundwater measurements for evaluation of groundwater flow direction and gradient.

On March 7, 1997 depth-to-groundwater was measured from the top of casing (TOC) in all wells to the nearest 0.01 foot using an electronic Keck Instrument, Inc., KIR-89 interface probe. A minimum of 3 repetitive measurements were made for each level determination to ensure accuracy. Depth-to-groundwater was subtracted from the TOC elevation, measured relative to mean sea level, to calculate the elevation of the groundwater level in each well (see attached Table 1). When floating product was present, the groundwater elevation was corrected by multiplying the floating product thickness by a density of .75 and adding the resultant value to the groundwater elevation.

Attached Figure 1 is a groundwater gradient map constructed from the data collected on March 7, 1997. Groundwater flow direction was to the north and northwest with a gradient about .020 and .035 feet per foot, respectively. Average groundwater

ppb, respectively. The reader is referred to attached Table 4 for a summary of MBTEX concentrations detected in the wells.

Well TMW-4 and the trip blank sample (TMW-6) were nondetectable for TPHG and MBTEX.

All analytical results are summarized in attached Table 4 and documented in an attached certified analytical report and a chain-of-custody.

RECOMMENDATIONS

The offsite investigation has been temporarily postponed awaiting access to private property.

TPE recommends that quarterly groundwater sampling of all 5 groundwater monitoring wells be continued to evaluate gradient, monitor contaminant concentrations and to continue removal of free product from the wells. During the subject quarter, even though free product was not observable, concentrations of TPHG and MBTEX remained consistent in all wells except TMW-4 which was nondetectable.

The next sampling event is due on about June 19, 1997.

An additional copy of this report has been included for your delivery to:

Mr. Barney Chan
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

TPE recommends that this quarterly report be submitted with a signed cover letter from Messrs. Aaron and Stanley Wong.

If you have any questions, please call TPE at (510) 429-8088.

Sincerely,

Lee Huckins

Lee Huckins

Registered Geologist

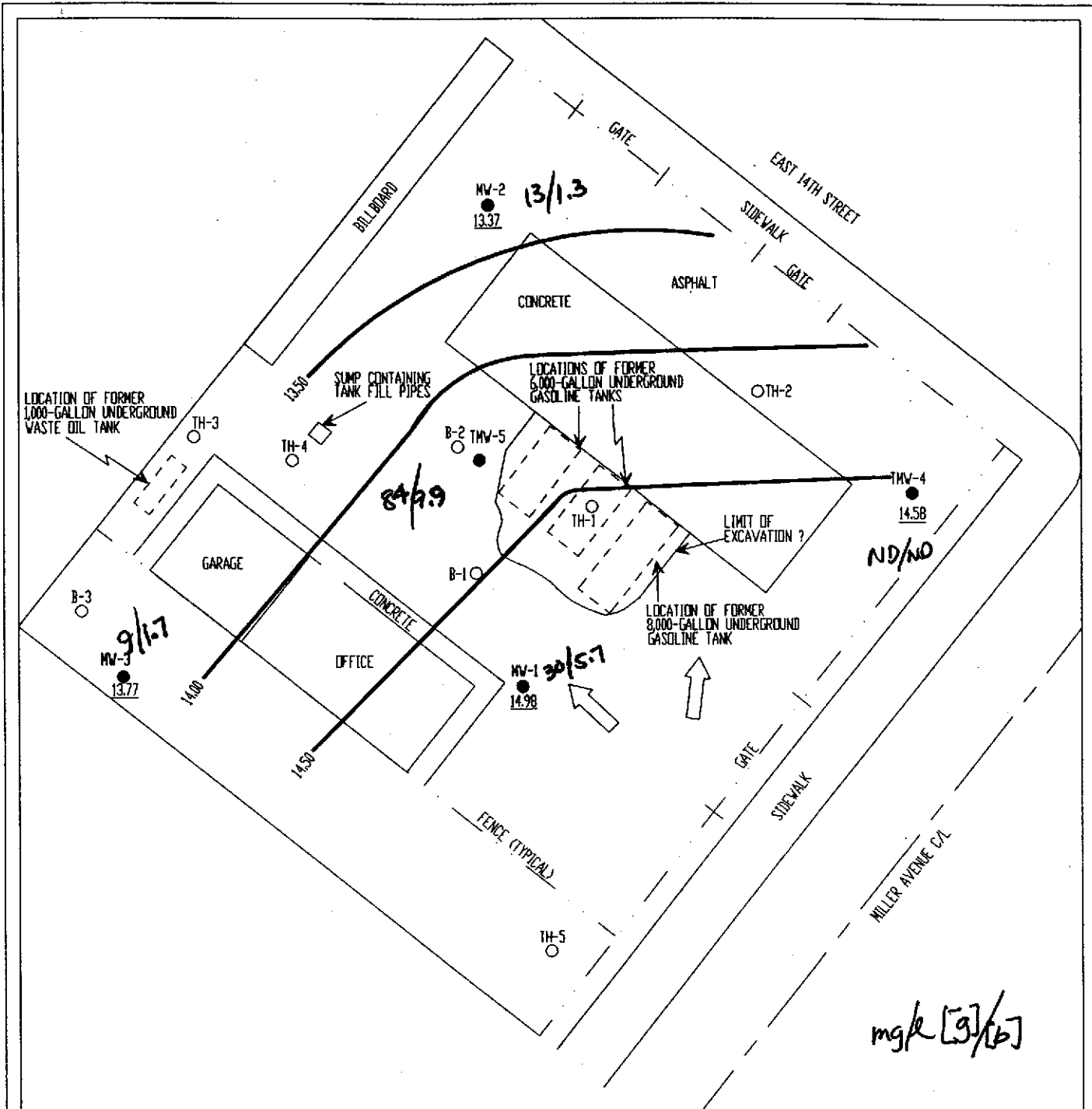


Expiration Date 5/31/97

Jeff Farhoomand

Jeff Farhoomand, M.S.

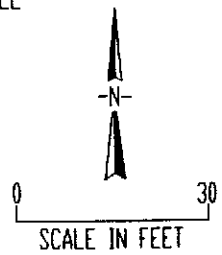
Principal Engineer



mg/k [9/16]

LEGEND

- MW-4 NAME AND LOCATION OF MONITORING WELL INSTALLED BY TPE
- MW-1 NAME AND LOCATION OF MONITORING WELL INSTALLED BY OTHERS
- B-1 NAME AND APPROXIMATE LOCATION OF SOIL BORING DRILLED BY OTHERS
- 14.98 POTENTIOMETRIC ELEVATION
- 14.50 POTENTIOMETRIC CONTOUR
- GROUNDWATER FLOW DIRECTION



TANK PROTECT ENGINEERING

SITE PLAN:
GROUNDWATER GRADIENT MAP (3/7/97)

CREDIT WORLD AUTO SALES
2345 E. 14TH STREET
OAKLAND, CA 94601

DATE	4/4/97
FIGURE	1
FILE #	267-26N
DRAWN BY	VK
CHECKED BY	LNH

TABLE 1
GROUNDWATER ELEVATION

Well Name	Date	TOC ¹ Elevation (Feet MSL ⁴)	Depth-to-Water From TOC (Feet)	Depth to Product From TOC (Feet)	Corrected ³ Groundwater Elevation (Feet MSL)
MW-1	08/23/91 ⁵	100.00 ²	15.42	NA ⁹	84.58
	04/16/92 ⁶	27.33 ⁷	16.66	11.54	14.51 ⁸
	06/11/93		12.61	12.60	14.73
	08/17/93		14.40	13.63	13.50 ⁷
	03/31/94		12.64	ND	14.69
	06/27/94		14.32	13.16	13.88
	09/16/94		15.86	13.64	13.14
	03/31/95		11.82	9.48	17.27
	06/28/95		13.50	12.60	14.51
	09/28/95		14.27	13.96	13.29
	12/26/95		11.77	11.62	15.67
	03/22/96		10.52	10.44	16.87
	06/20/96		13.38	12.49	14.63
	09/24/96		14.60	13.40	13.63
	12/27/96		9.17	9.08	18.23
	03/06/97		12.35	ND	14.98
MW-2	08/23/91 ⁵	98.585 ²	13.77	NA	84.815
	04/16/92 ⁶	25.92 ⁷	15.38	12.57	12.65 ⁸
	06/11/93		13.185	ND ¹⁰	12.74
	08/17/93		14.04	14.03	11.89
	03/31/94		13.61	13.07	12.72 ⁸
	06/27/94		14.24	13.44	12.28
	09/16/94		17.82	13.36	11.45
	03/31/95		16.72	9.28	14.78
	06/28/95		13.50	12.77	12.97
	09/28/95		14.63	14.09	11.70
	12/26/95		12.58	11.68	14.01
	03/22/96		11.46	11.31	14.57

TABLE 1
GROUNDWATER ELEVATION

Well Name	Date	TOC ¹ Elevation (Feet MSL ⁴)	Depth-to-Water From TOC (Feet)	Depth to Product From TOC (Feet)	Corrected ³ Groundwater Elevation (Feet MSL)
MW-2	06/20/96		13.08	12.71	13.12
	09/30/96		16.67	12.92	12.06
	12/27/96		15.74	8.17	15.86
	03/06/97		12.55	ND	13.37
MW-3	08/23/91 ⁵	99.25 ²	15.07	NA	84.18
	04/16/92 ⁶	27.57 ⁷	14.14	13.98	13.55 ⁸
	06/11/93		14.275	ND	13.30
	08/17/93		15.77	ND	11.80
	03/31/94		14.35	ND	13.22
	06/27/94		14.77	ND	12.80
	09/16/94		15.42	15.37	12.19
	03/31/95		12.98	12.52	14.94
	06/28/95		14.20	14.15	13.41
	09/28/95		15.17	ND	12.40
	12/26/95		13.33	13.27	14.28
	03/22/96		12.81	12.77	14.79
	06/20/96		13.95	13.88	13.67
	09/24/96		14.86	14.82	12.74
	12/27/96		11.04	10.98	16.58
03/07/97		13.80	ND	13.77	
TMW-4	08/17/93	26.50 ⁷	13.26	ND	13.24
	03/31/94		12.40	ND	14.10
	06/27/94		12.84	ND	13.66
	09/16/94		13.58	ND	12.92
	03/31/95		10.23	ND	16.27
	06/28/95		12.21	ND	14.29
	09/28/95		13.38	ND	13.12
	12/26/95		11.32	ND	15.18

**TABLE 1
GROUNDWATER ELEVATION**

Well Name	Date	TOC ¹ Elevation (Feet MSL ⁴)	Depth-to-Water From TOC (Feet)	Depth to Product From TOC (Feet)	Corrected ³ Groundwater Elevation (Feet MSL)
TMW-4	03/22/96		10.54	ND	15.96
	06/20/96		12.14	ND	14.36
	09/24/96		13.01	ND	13.49
	12/27/96		9.51	ND	16.99
	03/07/97		11.92	ND	14.58
TMW-5	08/17/93	26.51 ⁷	12.98	12.95	13.55
	03/31/94		11.39	ND	15.12
	06/27/94		12.24	ND	14.27
	09/16/94		13.02	12.97	13.53
	03/31/95		7.38	ND	19.13
	06/28/95		11.31	11.25	15.25
	09/28/95		14.42	ND	12.09
	12/26/95		10.16	10.11	16.38
	03/22/96		7.59	7.54	18.96
	06/26/96 ¹¹		7.12	ND	NA
	09/30/96 ¹¹		7.42	ND ¹⁰	NA ⁹
	12/27/96 ¹¹		6.38	ND	NA
	03/07/97 ¹¹		11.12	ND	NA

¹ TOP-OF-CASING.

² RELATIVE TO SITE DATUM ESTABLISHED BY ESE.

³ ELEVATION CORRECTED FOR FLOATING PRODUCT USING 0.75 DENSITY FOR GASOLINE.

⁴ MEAN SEA LEVEL.

⁵ WATER LEVEL MEASUREMENTS BY ESE.

⁶ WATER LEVEL MEASUREMENTS BY NKJ.

⁷ TOC SURVEYED 8/10/93 BY PROFESSIONAL ENGINEER.

⁸ CORRECTED GROUNDWATER ELEVATION BY TANK PROTECT ENGINEERING

⁸ CORRECTED GROUNDWATER ELEVATION BY TANK PROTECT ENGINEERING.

⁹ NOT AVAILABLE.

¹⁰ NOT DETECTED.

¹¹ WELL TOP DESTROYED DURING REMEDIATION

TABLE 2
GROUNDWATER GRADIENTS, FLOW DIRECTIONS,
AND ELEVATION DATA

Date	Average Groundwater Elevation (Feet-MSL ¹)	Change in Average Groundwater Elevation (Feet)	Groundwater Gradient	Groundwater Flow Direction
04/16/92	13.57	---	.021	NW
06/11/93	13.59	0.02	.026	NW
08/17/93	12.80	-0.79	.029	RADIAL
03/31/94	13.97	+1.17	.050	RADIAL
06/27/94	13.38	-0.59	.020	RADIAL
09/16/94	12.65	-0.73	.0179-.0411	RADIAL
03/31/95	16.48	+3.83	.075	RADIAL
06/28/95	14.09	-2.39	.025-.053	RADIAL
09/28/95	12.52	-1.57	.025	NW
12/26/95	15.09	+2.57	.048	RADIAL
03/22/96	16.23	+1.14	.034-.132	RADIAL
06/20/96 ²	13.95	-2.28	.016	NW
09/30/96 ²	12.98	-0.97	.019	NW
12/27/96 ²	16.41	+3.43	.024-.029	N-NW
03/07/97 ²	14.18	-2.23	.020-.035	N-NW

¹ MEAN SEA LEVEL.

² DOES NOT INCLUDE DATA FOR TMW-5; WELL TOP DESTROYED DURING REMEDIATION ACTIVITIES.

TABLE 3
SUMMARY OF FLOATING PRODUCT THICKNESS

Well Name	Date	Depth-to-Water From TOC ¹ (Feet)	Depth-to-Product From TOC (Feet)	Product Thickness (Feet)
MW-1	04/16/92 ²	16.66	11.54	5.12
	06/11/93	12.61	12.60	0.01
	08/17/93	14.40	13.63	0.77
	03/31/94	12.64	ND	---
	06/27/94	14.32	13.16	1.16
	09/16/94	15.86	13.64	2.22
	03/31/95	11.82	9.48	2.34
	06/28/95	13.50	12.60	0.90
	09/28/95	14.27	13.96	0.31
	12/26/95	11.77	11.62	0.15
	03/22/96	10.52	10.44	0.08
	06/20/96	13.38	12.49	0.089
	09/24/96	14.60	13.40	1.20
	12/27/96	9.17	9.08	0.09
	03/06/97	12.35	ND	---
MW-2	04/16/92 ²	15.38	12.57	2.81
	06/11/93	13.185	ND ³	---
	08/17/93	14.04	14.03	0.01
	03/31/94	13.61	13.07	0.54
	06/27/94	14.24	13.44	0.80
	09/16/94	17.82	13.36	4.46
	03/31/95	16.72	9.28	7.44
	06/28/95	13.50	12.77	0.73
	09/28/95	14.63	14.09	0.54
	12/26/95	12.58	11.68	0.90
	03/22/96	11.46	11.31	0.15
	06/20/96	13.08	412.71	0.37

TABLE 3
SUMMARY OF FLOATING PRODUCT THICKNESS

Well Name	Date	Depth-to-Water From TOC ¹ (Feet)	Depth-to-Product From TOC (Feet)	Product Thickness (Feet)
MW-2	09/30/96	16.67	12.92	3.75
	12/27/96	15.74	8.17	7.57
	03/06/97	12.55	ND	---
MW-3	04/16/92 ²	14.14	13.98	0.16
	06/11/93	14.275	ND	---
	08/17/93	15.77	ND	---
	03/31/94	14.35	ND	---
	06/27/94	14.77	ND	---
	09/16/94	15.42	15.37	---
	03/31/95	12.98	12.52	0.46
	06/28/95	14.20	14.15	0.05
	09/28/95	15.7	ND	--
	12/26/95	13.33	13.27	0.06
	03/22/96	12.81	12.77	0.04
	06/20/96	13.95	13.88	0.07
	09/24/96	14.86	14.82	0.04
	12/27/96	11.04	10.98	0.06
	03/07/97	13.80	ND	---
TMW-4	08/17/93	13.26	ND	---
	03/31/94	12.40	ND	---
	06/27/94	12.84	ND	---
	09/16/94	13.58	ND	---
	03/31/95	10.23	ND	---
	06/28/95	12.21	ND	---
	09/28/95	13.38	ND	---
	12/26/95	11.32	ND	---
	03/22/96	10.54	ND	---
	06/20/96	12.14	ND	---

TABLE 3
SUMMARY OF FLOATING PRODUCT THICKNESS

Well Name	Date	Depth-to-Water From TOC ¹ (Feet)	Depth-to-Product From TOC (Feet)	Product Thickness (Feet)
TMW-4	09/24/96	13.01	ND	---
	12/27/96	9.51	ND	---
	03/07/97	11.92	ND	---
TMW-5	08/17/93	12.98	12.95	0.03
	03/31/94	11.39	ND	---
	06/27/94	12.24	ND	---
	09/16/94	13.02	12.97	0.05
	03/31/95	7.38	ND	---
	06/28/95	11.31	11.25	0.06
	09/28/95	14.42	ND	---
	12/26/95	10.16	10.11	0.05
	03/22/96	7.59	7.54	0.05
	06/20/96 ¹¹	7.12	ND	---
	09/30/96 ¹¹	7.42	ND	---
12/27/96 ¹¹	6.38	ND	---	
03/07/97 ¹¹	11.12	ND	---	

¹ TOP-OF-CASING.

² RELATIVE TO SITE DATUM ESTABLISHED BY ESE.

³ ELEVATION CORRECTED FOR FLOATING PRODUCT USING 0.75 DENSITY FOR GASOLINE.

⁴ MEAN SEA LEVEL

⁵ WATER LEVEL MEASUREMENTS BY ESE.

⁶ WATER LEVEL MEASUREMENTS BY NKJ.

⁷ TOC SURVEYED 8/10/93 BY PROFESSIONAL ENGINEER.

⁸ CORRECTED GROUNDWATER ELEVATION BY TANK PROTECT ENGINEERING.

⁹ NOT AVAILABLE.

¹⁰ NOT DETECTED.

¹¹ WELL TOP DESTROYED DURING REMEDIATION

TABLE 4
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
(ppb¹)

Sample ID Name	Date	TPHG	Methyl t-Butyl Ether	Benzene	Toluene	Ethyl-benzene	Xylenes
MW-1	08/17/93	110,000	NA ²	270	690	730	3,100
	03/28/94	34,000	NA	4,900	1,800	1,200	4,000
	06/27/94	21,000	NA	12,000	810	760	2,500
	09/16/94	37,000	NA	7,900	2,400	1,300	3,300
	03/31/95	43,000	NA	8,100	1,900	1,000	4,200
	06/28/95	80,000	NA	7,900	3,200	1,800	7,300
	09/28/95	24,000	<1,200	4,900	470	470	1,700
	12/26/95	61,000	<1,200	12,000	4,200	1,500	5,500
	03/22/96	19,000	<2,500	6,000	47	260	<750
	06/20/96	15,000	910	2,900	100	240	98
	09/24/96	20,000	340	4,800	220	300	770
	12/27/96	24,000	<5.0	5,900	440	310	740
	03/07/97	30,000	<5.0	5,700	370	290	780
MW-2	08/17/93	49,000	NA	94	240	250	980
	03/28/94	14,000	NA	4,200	<250	910	1,400
	06/27/94	24,000	NA	4,400	72	1,100	1,700
	09/16/94	40,000	NA	2,300	250	2,000	4,100
	03/31/95	28,000	NA	4,000	<120	1,100	1,400
	06/28/95	40,000	NA	2,700	130	1,700	2,900
	09/28/95	7,500	<62	420	14	250	190
	12/26/95	22,000	<250	1,300	88	950	1,800
	03/22/96	9,800	<1,200	2,200	<120	400	<380
	06/20/96	35,000	550	770	<0.50	240	<0.50
	09/30/96	58,000	<5.0	1,600	230	2,200	4,000
	12/27/96	29,000	<5.0	2,100	<0.50	1,200	1,800
	03/07/97	13,000	<5.0	1,300	37	290	180
MW-3	08/17/93	9,600	NA	4.1	17	28	54
	03/28/94	8,400	NA	2,400	56	67	200

TABLE 4
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
(ppb¹)

Sample ID Name	Date	TPHG	Methyl t-butyl ether	Benzene	Toluene	Ethyl-benzene	Xylenes
MW-3	06/27/94	9,900	NA	3,300	<22	<25	73
	09/16/94	16,000	NA	2,300	80	620	240
	03/31/95	16,000	NA	2,800	70	<25	920
	06/28/95	11,000	NA	2,300	32	81	240
	09/28/95	6,300	<420	1,900	<42	200	<120
	12/26/95	25,000	<250	3,800	97	94	1,600
	03/22/96	16,000	250	3,100	75	69	350
	06/20/96	8,500	220	1,400	28	140	15
	09/24/96	12,000	<5.0	2,400	87	340	110
	12/27/96	5,800	240	1,700	28	<0.50	42
	03/10/97	9,000	<5.0	1,700	<0.5	110	<0.5
TMW-4	08/17/93	150	NA	<0.50	0.8	1.4	3.7
	03/28/94	<50	NA	<0.50	<0.50	<0.50	<1.5
	06/27/94	<50	NA	<0.50	<0.50	<0.50	<1.5
	09/16/94	<50	NA	<0.50	<0.50	<0.50	<1.5
	03/31/95	<50	NA	<0.50	<0.50	<0.50	<1.5
	06/28/95	<50	NA	<0.50	<0.50	<0.50	<1.5
	09/28/95	<50	<5.0	<0.50	<0.50	<0.50	<1.5
	12/26/95	<50	<5.0	<0.50	<0.50	<0.50	<1.5
	03/22/96	<50	<5.0	<0.50	<0.50	<0.50	<1.5
	06/20/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	09/24/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	12/27/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	03/10/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
TMW-5	08/17/93	120,000	NA	340	730	790	3,600
	03/28/94	70,000	NA	23,000	1,500	4,100	15,000
	06/28/94	56,000	NA	26,000	940	5,500	26,000
	09/16/94	96,000	NA	17,000	720	3,500	12,000
	03/31/95	64,000	NA	13,000	470	2,800	6,100
	06/28/95	65,000	NA	9,000	240	2,600	5,300

TABLE 4
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
(ppb¹)

Sample ID Name	Date	TPHG	Methyl t-butyl ether	Benzene	Toluene	Ethyl-benzene	Xylenes
TMW-5	09/28/95	79,000	<1,200	17,000	1,800	2,700	7,000
	12/26/95	110,000	<1,200	11,000	800	2,300	4,500
	06/26/96	30,000	830	4,000	180	1,500	2,500
	09/30/96	6,900	<5.0	1,600	79	130	370
	12/27/96	78,000	<5.0	12,000	1,900	2,900	9,700
	03/10/97	84,000	<5.0	9,900	1,100	2,600	8,800
MW-6 ³	03/22/96	<50	<5.0	<0.50	<0.50	<0.50	<1.5
	06/20/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	12/27/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	03/10/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
TMW-6 ⁴	08/17/93	<50	NA	<0.50	<0.50	<0.50	<0.50
	03/28/94	<50	NA	<0.50	<0.50	<0.50	<1.5
	06/27/94	<50	NA	<0.50	<0.50	<0.50	<1.5
	09/16/94	<50	NA	<0.50	<0.50	<0.50	<1.5
	03/31/95	<50	NA	<0.50	<0.50	<0.50	<1.5
	06/28/95	<50	<5.0	<0.50	<0.50	<0.50	<1.5
	09/28/95	<50	NA	<0.50	<0.50	<0.50	<1.5
	12/26/95	<50	<5.0	<0.50	<0.50	<0.50	<1.5
	09/24/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	09/30/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50

¹ PARTS PER BILLION.

² NOT ANALYZED.

³ SAME AS TMW-6 (TRIP BLANK).

⁴ TRIP BLANK.

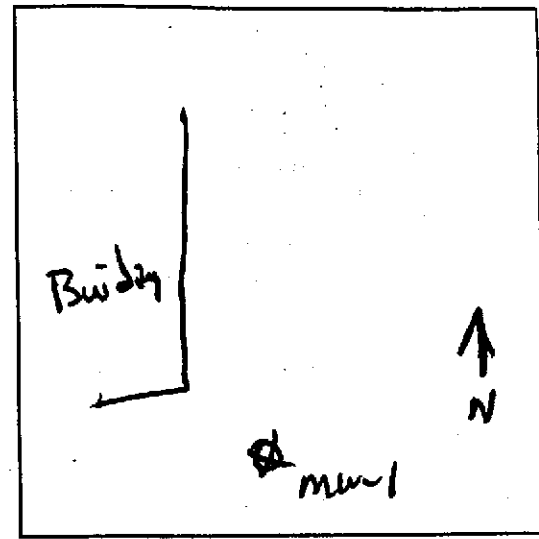
RECORD OF WATER SAMPLING

PROJECT NO.: 267 DATE: 3/7/97
 PROJECT NAME: CNAS
 PROJECT LOCATION: 2345 E 14th
 SAMPLER: LNH
 ANALYSES: TPHG & BTEL

WELL NO.: MW-1
 WELL DIAMETER: 2"
 TOC ELEV: _____
 LOCK NO.: 605

WELL DEPTH (from construction detail): _____
 WELL DEPTH (measured): 34.04 SOFT BOTTOM?: yes
 DEPTH TO WATER: 12.35 TIME: 1436
 PRESSURE (circle one): YES OR (NO)
 IF YES, WAS PRESSURE (circle one): POSITIVE OR NEGATIVE?

WATER VOLUME IN WELL: 3.47
 [2-INCH CASING = 0.16 GAL/FT] [4-INCH CASING = 0.65 GAL/FT]
 [6-INCH CASING = 1.47 GAL/FT] [1 GAL = 3.78 L]



LOCATION MAP

CALCULATED PURGE VOL. (GAL): 10.41 (L): 39 ACTUAL PURGE VOL. (GAL): _____ (L): 39
 PURGE METHOD: Poly SAMPLE METHOD: Poly

FIELD MEASUREMENTS

Time	Depth to Water (FT)	Vol (L)	Temp (Deg. F)	pH	EC	Clarity	Turbidity (NTU)	Remarks
1557		2	66.0	7.00	842		clear	Odor product plabs
1620		34	62.6	7.04	824		11	"
1622		35	62.6	6.90	864		11	"
1624		36	63.9	6.86	834		11	"
1626		37	63.7	6.82	855			
1628		38	63.6	6.79	845			
1630		39	63.7	6.71	842			
1640	well sampled						28.5	

SIGNATURE: Joe Nickina

WATER VOL. IN DRUM: 25
 NEED NEW DRUM?: no

RECORD OF WATER SAMPLING

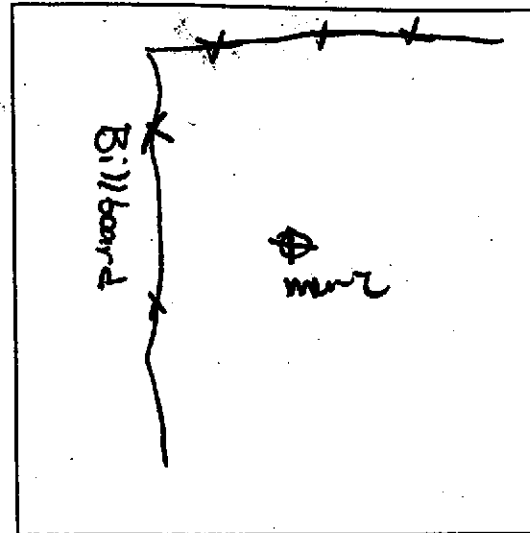
PROJECT NO.: 247 DATE: 3-7-97
 PROJECT NAME: CWAS
 PROJECT LOCATION: 2345 E 14th
 SAMPLER: LNH
 ANALYSES: TPH & BTEX

WELL NO.: MW2
 WELL DIAMETER: 2"
 TOC ELEV: _____
 LOCK NO.: 105

WELL DEPTH (from construction detail): _____
 WELL DEPTH (measured): 33.04 SOFT BOTTOM?: yes
 DEPTH TO WATER: 12.55 TIME: 1256
 PRESSURE (circle one)? YES OR **NO**
 IF YES, WAS PRESSURE (circle one): POSITIVE OR NEGATIVE?

WATER VOLUME IN WELL: 3.3

[2-INCH CASING = 0.16 GAL/FT] [4-INCH CASING = 0.65 GAL/FT]
 [6-INCH CASING = 1.47 GAL/FT] [1 GAL = 3.78 L]



LOCATION MAP

CALCULATED PURGE VOL. (GAL): 9.9 (L): 37 ACTUAL PURGE VOL. (GAL): _____ (L): 38

PURGE METHOD: Poly SAMPLE METHOD: Poly

FIELD MEASUREMENTS

Time	Depth to Water (FT)	Vol (L)	Temp (Deg. F)	pH	EC	Clarity	Turbidity (NTU)	Remarks
1309		3	71.3	6.87	909			odor floating product
1323		33	69.6	6.70	825			" screen
1324		34	68.0	6.71	822			"
1335		35	67.6	6.65	793			"
1338		36	67.5	6.68	809			"
1340		37	67.4	6.57	829			"
1342		38	67.8	6.60	809			"
1350	well sampled						779.4	

SIGNATURE: Lee Huchins

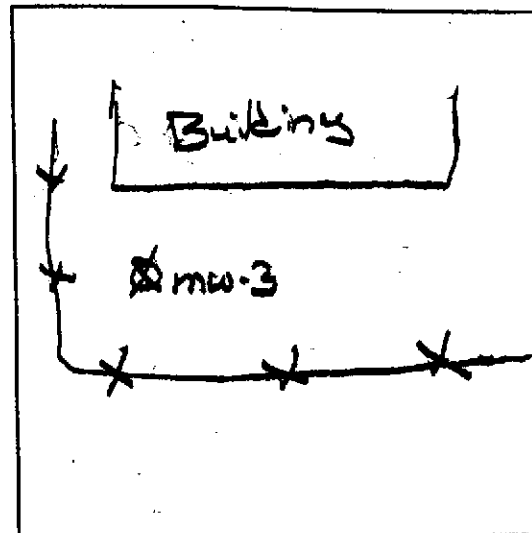
WATER VOL. IN DRUM: 25
 NEED NEW DRUM?: NO

RECORD OF WATER SAMPLING

PROJECT NO.: 267 DATE: 3-7-97
 PROJECT NAME: CWAS
 PROJECT LOCATION: 2345 E. 14th
 SAMPLER: LNA
 ANALYSES: TPH & BTEX

WELL NO.: mw-3
 WELL DIAMETER: 2"
 TOC ELEV: _____
 LOCK NO.: 605

WELL DEPTH (from construction detail): _____
 WELL DEPTH (measured): 3482 SOFT BOTTOM?: _____
 DEPTH TO WATER: 1380 TIME: 1655
 PRESSURE (circle one): YES OR NO
 IF YES, WAS PRESSURE (circle one): POSITIVE OR NEGATIVE?



LOCATION MAP

WATER VOLUME IN WELL: 336
 [2-INCH CASING = 0.16 GAL/FT] [4-INCH CASING = 0.65 GAL/FT]
 [6-INCH CASING = 1.47 GAL/FT] [1 GAL = 3.78 L]

CALCULATED PURGE VOL. (GAL): 10.08 (L): 38.10 ACTUAL PURGE VOL. (GAL): _____ (L): 38
 PURGE METHOD: Poly SAMPLE METHOD: Poly

FIELD MEASUREMENTS

Time	Depth to Water (FT)	Vol (L)	Temp (Deg. F)	pH	EC	Clarity	Turbidity (NTU)	Remarks
1320		1	66.5	6.96	1280			odor
1344		33	65.1	6.54	991			"
1316		34	65.1	6.82	955			"
1348		35	65.0	6.48	955			Sheen
1350		36	65.0	6.51	937			"
1352		37	65.0	6.48	942			"
1354		38	64.7	6.48	981			"
1400	well sampled						18.0	

SIGNATURE: Joe Huchins

WATER VOL. IN DRUM: 25
 NEED NEW DRUM?: no

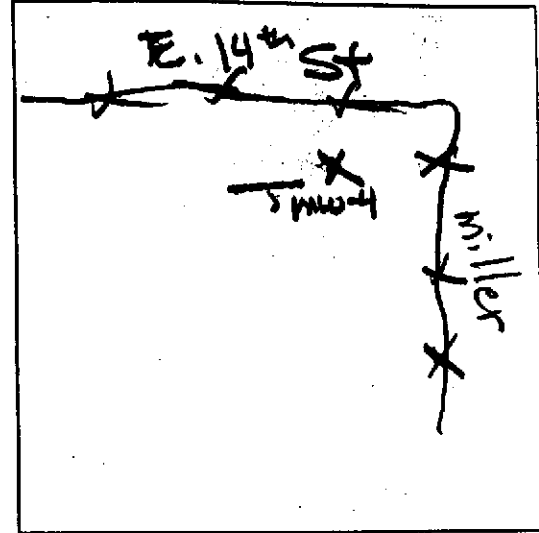
RECORD OF WATER SAMPLING

PROJECT NO.: 267 DATE: 3-7-97
 PROJECT NAME: CWAS
 PROJECT LOCATION: 2345 E 14th
 SAMPLER: 2NH
 ANALYSES: TPH-G-9 PTEX

WELL NO.: TMW-4
 WELL DIAMETER: 2'
 TOC ELEV: _____
 LOCK NO.: 605

WELL DEPTH (from construction detail): _____
 WELL DEPTH (measured): 33.98 SOFT BOTTOM?: yes
 DEPTH TO WATER: 11.92 TIME: 16:48
 PRESSURE (circle one): YES OR NO NO
 IF YES, WAS PRESSURE (circle one): POSITIVE OR NEGATIVE?

WATER VOLUME IN WELL: 3.52
 [2-INCH CASING = 0.16 GAL/FT] [4-INCH CASING = 0.65 GAL/FT]
 [6-INCH CASING = 1.47 GAL/FT] [1 GAL = 3.78 L]



LOCATION MAP

CALCULATED PURGE VOL. (GAL): 10.56 (L): 40 ACTUAL PURGE VOL. (GAL): _____ (L): 42
 PURGE METHOD: Poly SAMPLE METHOD: Poly

FIELD MEASUREMENTS

Time	Depth to Water (FT)	Vol (L)	Temp (Deg. F)	pH	EC	Clarity	Turbidity (NTU)	Remarks
1114		10	71.5	7.08	826	clear		Clear no odor
1141		35	70.2	6.73	732			" "
1144		36	70.2	6.69	738			
1146		37	69.2	6.65	731			
1148		38	69.0	6.64	733			
1149		39	68.7	6.63	729			
1151		40	68.4	6.63	814			
1154		41	68.2	6.60	858			
1158		42	67.7	6.60	850		>200	

1200 well sample
 SIGNATURE: [Signature]

WATER VOL. IN DRUM: 25
 NEED NEW DRUM?: No

RECORD OF WATER SAMPLING

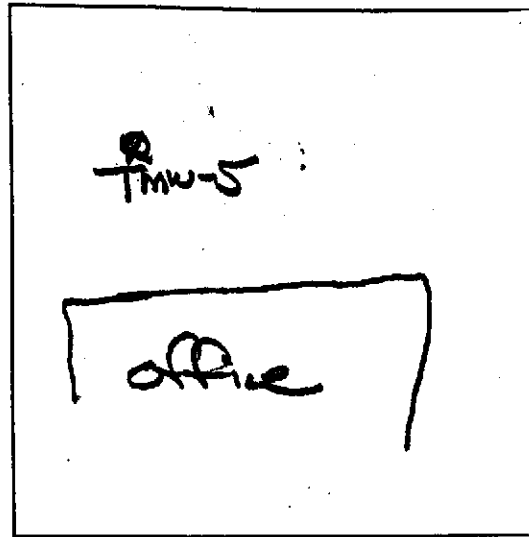
PROJECT NO. 267 DATE: 3-7-97
 PROJECT NAME: CWAS
 PROJECT LOCATION: 2345 E 14th Street
 SAMPLER: LNH
 ANALYSES: TPH & STEK

WELL NO.: TMW-5
 WELL DIAMETER: 2"
 TOC ELEV: _____
 LOCK NO.: 605

WELL DEPTH (from construction detail): _____
 WELL DEPTH (measured): 200 SOFT BOTTOM?: NO
 DEPTH TO WATER: 1112 TIME: 1652
 PRESSURE (circle one)? YES OR NO
 IF YES, WAS PRESSURE (circle one): POSITIVE OR NEGATIVE?

WATER VOLUME IN WELL: 142

[2-INCH CASING = 0.16 GAL/FT] [4-INCH CASING = 0.65 GAL/FT]
 [6-INCH CASING = 1.47 GAL/FT] [1 GAL = 3.78 L]



LOCATION MAP

CALCULATED PURGE VOL. (GAL): 426 (L): 1611 ACTUAL PURGE VOL. (GAL): _____ (L): 16
 PURGE METHOD: Poly SAMPLE METHOD: Poly

FIELD MEASUREMENTS

Time	Depth to Water (FT)	Vol (L)	Temp (Deg. F)	pH	EC	Clarity	Turbidity (NTU)	Remarks
1225		3	67.2	7.00	1074			odor
1227		6	67.0	6.72	1050			odor shaken
1230		9	66.8	6.57	1060			"
1234		12	66.6	6.33	1050			"
1241		15	66.3	6.50	1040			"
1253		16	65.7	6.30	1040			"
1300	well sampled						47.5	

SIGNATURE: Lee Hickins

WATER VOL. IN DRUM: 25
 NEED NEW DRUM?: NO

SAMPLE HANDLING PROCEDURES

Soil and groundwater samples will be packaged carefully to avoid breakage or contamination and will be delivered to the laboratory in an iced-cooler. The following sample packaging requirements will be followed.

- . Sample bottle/sleeve lids will not be mixed. All sample lids will stay with the original containers and have custody seals affixed to them.
- . Samples will be secured in coolers to maintain custody, control temperature and prevent breakage during transportation to the laboratory.
- . A chain-of-custody form will be completed for all samples and accompany the sample cooler to the laboratory.
- . Ice, blue ice or dry ice (dry ice will be used for preserving soil samples collected for the Alameda County Water District) will be used to cool samples during transport to the laboratory.
- . Water samples will be cooled with crushed ice. In the Alameda County Water District, water samples will be buried in the crushed ice with a thermometer, and the laboratory will be requested to record thermometer temperature at the time of receipt.
- . Each sample will be identified by affixing a pressure sensitive, gummed label or standardized tag on the container(s). This label will contain the site identification, sample identification number, date and time of sample collection and the collector's initials.
- . Soil samples collected in brass tubes will be preserved by covering the ends with Teflon tape and capping with plastic end-caps. The tubes will

be labeled, sealed in quart size bags and placed in an iced-cooler for transport to the laboratory.

All groundwater sample containers will be precleaned and will be obtained from a State Department of Health Services certified analytical laboratory.

Sample Control/Chain-of-Custody: All field personnel will refer to this workplan to verify the methods to be employed during sample collection. All sample gathering activities will be recorded in the site file; all sample transfers will be documented in the chain-of-custody; samples will be identified with labels; all sample bottles will be custody-sealed. All information is to be recorded in waterproof ink. All TPE field personnel are personally responsible for sample collection and the care and custody of collected samples until the samples are transferred or properly dispatched.

The custody record will be completed by the field technician or professional who has been designated by the TPE project manager as being responsible for sample shipment to the appropriate laboratory. The custody record will include, among other things, the following information: site identification, name of person collecting the samples, date and time samples were collected, type of sampling conducted (composite/grab), location of sampling station, number and type of containers used and signature of the TPE person relinquishing samples to a non-TPE person with the date and time of transfer noted. The relinquishing individual will also put all the specific shipping data on the custody record.

Records will be maintained by a designated TPE field employee for each sample: site identification, sampling location, station number, date, time, sampler's name, designation of the sample as a grab or composite, notation of the type of sample (e.g., groundwater, soil boring, etc.), preservatives used, onsite measurement data and other observations or remarks.

GROUNDWATER MONITORING WELL SAMPLING PROCEDURES

Groundwater monitoring wells will not be sampled until at least 24 to 72 hours (according to local regulatory guidelines) after well development. Groundwater samples will be obtained using a bladder pump, clear Teflon bailer or dedicated polyethylene bailer. Prior to collecting samples, the sampling equipment will be thoroughly decontaminated to prevent introduction of contaminants into the well and to avoid cross-contamination. Monitoring wells will be sampled after 3 to 10 wetted casing volumes of groundwater have been evacuated and pH, electrical conductivity and temperature have stabilized as measured with a Hydac Digital Tester. If the well is emptied before 3 to 10 well volumes are removed, the sample will be taken when the water level in the well recovers to 80% or more of its initial water level.

When a water sample is collected, turbidity of the water will be measured and recorded with a digital turbidimeter. Degree of turbidity will be measured and recorded in nephelometric turbidity units (NTU).

TPE will also measure the thickness of any floating product in the monitoring wells using an interface probe or clear Teflon or polyethylene bailer. The floating product will be measured after well development but prior to the collection of groundwater samples. If floating product is present in the well, TPE will recommend to the client that product removal be commenced immediately and reported to the appropriate regulatory agency.

Unless specifically waived or changed by the local, prevailing regulatory agency, water samples will be handled and preserved according to the latest United States Environmental Protection Agency methods as described in the Federal Register (Volume 44, No. 233, Page 69544, Table II) for the type of analysis to be performed.

Development and/or purge water will be stored on site in labeled containers. The disposal of the containers and development and/or purge water is the responsibility of the client.

MEASUREMENTS

Purged Water Parameter: During purging, discharged water will be measured for the following parameters.

<u>Parameter</u>	<u>Units of Measurement</u>
pH	None
Electrical Conductivity	Micromhos
Temperature	Degrees F or C
Depth to Water	Feet/Hundredths
Volume of Water Discharged	Gallons
Turbidity	NTU

Documentation: All parameter measurements will be documented in writing on TPE development logs.

QUALITY ASSURANCE AND QUALITY CONTROL PROCEDURES

The overall objectives of the field sampling program include generation of reliable data that will support development of a remedial action plan. Sample quality will be checked by the use of proper sampling, handling and testing methods. Additional sample quality control methods may include the use of background samples, equipment rinsate samples and trip and field blanks. Chain-of-custody forms, use of a qualified laboratory, acceptable detection limits and proper sample preservation and holding times also provide assurance of accurate analytical data.

TPE will follow a quality assurance and quality control (QA/QC) program in the field to ensure that all samples collected and field measurements taken are representative of actual field and environmental conditions and that data obtained are accurate and reproducible. These activities and laboratory QA/QC procedures are described below.

Field Samples: Additional samples may be taken in the field to evaluate both sampling and analytical methods. Three basic categories of QA/QC samples that may be collected are trip blanks, field blanks and duplicate samples.

Trip blanks are a check for cross-contamination during sample collection, shipment, and laboratory analysis. They are water samples that remain with the collected samples during transportation and are analyzed along with the field samples to check for residual contamination. Analytically confirmed organic-free water will be used for organic parameters and deionized water for metal parameters. Blanks will be prepared by the laboratory supplying the sample containers. The blanks will be numbered, packaged and sealed in the same manner as the other samples. One trip blank will be used for each sample set of less than 20 samples. At least 5% blanks will be used for sets greater than 20 samples. The trip blank is not to be opened by either the sample collectors or the handlers.

The field blank is a water sample that is taken into the field and is opened and exposed at the sampling point to detect contamination from air exposure. The water

sample is poured into appropriate containers to simulate actual sampling conditions. Contamination due to air exposure can vary considerably from site to site.

The laboratory will not be informed about the presence of trip and field blanks, and false identifying numbers will be put on the labels. Full documentation of these collection and decoy procedures will be made in the site log book.

Duplicate samples are identical sample pairs (collected in the same place and at the same time), placed in identical containers. For soils, adjacent sample liners will be analyzed. For the purpose of data reporting, one is arbitrarily designated the sample, and the other is designated as a duplicate sample. Both sets of results are reported to give an indication of the precision of sampling and analytical methods.

The laboratory's precision will be assessed without the laboratory's knowledge by labeling one of the duplicates with false identifying information. Data quality will be evaluated on the basis of the duplicate results.

Laboratory QA/QC: Execution of a strict QA/QC program is an essential ingredient in high-quality analytical results. By using accredited laboratory techniques and analytical procedures, estimates of the experimental values can be very close to the actual value of the environmental sample. The experimental value is monitored for its precision and accuracy by performing QC tests designed to measure the amount of random and systematic errors and to signal when correction of these errors is needed.

The QA/QC program describes methods for performing QC tests. These methods involve analyzing method blanks, calibration standards, check standards (both independent and the United States Environmental Protection Agency-certified standards), duplicates, replicates and sample spikes. Internal QC also requires adherence to written methods, procedural documentation and the observance of good laboratory practices.

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

February 10, 1997
StID # 2116

Mr. Stanley Wong
2200 E. 12th St.
Oakland CA 94606

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

**Re: Addendum to August 4, 1995 Workplan for Credit World Auto
Sales, 2345 E. 14th St., Oakland CA 94601**

Dear Mr. Wong,

Our office has received and reviewed the February 7, 1997 work plan addendum to the August 4, 1995 workplan previously reviewed by the County. Changes in number and locations of borings have been made from the original work plan. A total of five (5) Geoprobe borings have been proposed. Both soil and groundwater samples will be taken from each boring for chemical analysis.

Our office approves this work plan with the following conditions:

1. Please consider relocating soil boring SB-2 approximately 25' to the southwest of the proposed location. The area south of MW-1, where the original SB-2 is proposed, has been previously characterized by boring TH-5, while the area southwest of MW-1 is within the one-time downgradient direction of MW-1.
2. Though not mentioned in the addendum, please analyze the samples for TPHg, BTEX and MTBE.
3. Please contact me at least 72 working hours prior to your field work so I may arrange to be present if possible.

After this investigation, you should be prepared to propose the installation of additional permanent wells, if necessary, and perform a Tier 1 Human Health Risk Assessment according to ASTM RBCA methodology.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

c: B. Chan, files
Mr. L. Huckins, TPE Inc., 2821 Whipple Rd., Union City, CA
94587-1233

wpad2345

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

March 6, 1997
Certified Mailer #p 112 479 091

Mr. Jayanti Nathu
Camelot Inn
2508 I 40 East
Amarillo, TX, 79103

**Re: Request for Access to Install Environmental Boring/Monitoring
Well on 2321 E. 14th St., Oakland CA 94601**

Dear Mr. Nathu:

Our office has been overseeing the on-going subsurface investigation of a petroleum fuel release at a site located at 2345 E. 14th St. in Oakland, California. This site is located just southeast of 2321 E. 14th St. and upgradient based on groundwater flow direction. During the course of the investigation of this site, it appears that there is a potential of petroleum groundwater contamination migrating beneath the Mitchell Hotel site. Therefore, our office has requested that Mssrs. Aaron and Stanley Wong, owners of the 2345 E. 14th St. property, install an offsite boring and/or well on the Mitchell Hotel property in order to determine the extent of the petroleum contamination in groundwater, if any. I have been informed that you have been notified of this request by Mr. Lee Huckins, consultant for Mssrs. Wong. This letter confirms the County's position that this offsite is necessary to determine the limit of the fuel release from the 2345 E. 14th St. property.

Please be advised that as the local implementing agency delegated by the Water Board to oversee the remediation of sites which have experienced fuel releases from underground tanks, the investigation and cleanup of said sites must be consistent with the provisions of Title 23, California Code of Regulations and the Porter-Cologne Water Quality Control Act (Water Code). Specific to the Water Code, Resolution No. 92-49 has been published by the State Water Resources Control Board which states **the Policies and Procedures for the Investigation of Discharges to the Water**. Within this policy the discharger, in this instance Mssrs. Wong's property, is required to extend the investigation and cleanup to **any (bold added) location** affected by the discharge or threatened discharge. The Regional Water Board has the authority to require uncooperative landowners and tenants of affected property to cooperate or, if necessary, to participate in investigation, cleanup and abatement.

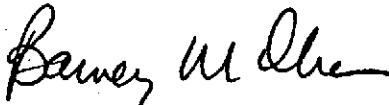
Ms. Jayanti Nathu
2321 E. 14th St.
March 6, 1997
Page 2.

Our office recommends your cooperation with Mssrs. Wong in allowing them access to the Mitchell Hotel property, specifically the rear of 2321 E. 14th St., for the purpose of installing an offsite boring or monitoring well. Should this access be denied, you may be requested to perform your investigation at your own expense. Based upon the results of the initial boring, it will be determined whether a permanent well is required.

Should you not be able to resolve this issue, our office will request your presence at a hearing in the presence of the Alameda County District Attorney's office.

Please contact me at (510) 567-6765 should you have any questions regarding this letter.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: Mssrs. Wong, 2200 E. 12th St., Oakland CA 94606
Mr. L. Huckins, Tank Protect Engineering, 2821 Whipple Rd.,
Union City, CA 94587-1233
Bob Chambers, Alameda County District Attorney Office
B. Chan, file
Acc2321

50118508

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. 0100000170113	Manifest Document No. 719 P19	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Crestwood Co. 9000 S. Center St. P.O. Box 7420 Fresno, CA					
4. Generator's Phone 559-797-1111					
5. Transporter 1 Company Name Crestwood Environmental Services Inc	6. US EPA ID Number 0100000170113				
7. Transporter 2 Company Name ↓	8. US EPA ID Number				
9. Designated Facility Name and Site Address Newport News Shipbuilding & Dry Dock Co 2000 Newport News Blvd Newport News VA 23607	10. US EPA ID Number				
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol		
a. Dry waste used Rollback Tank (John Deere)	1	400	G		
b.					
c.					
d.					
15. Special Handling Instructions and Additional Information Wear PROTECTIVE CLOTHING EMERGENCY CONTACT KIRK HAYSON PHONE 559-797-1111					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <i>Lee Hutchins</i>	Signature <i>[Signature]</i>		Month 03	Day 08	Year 97
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Kirk J. Hayson	Signature <i>[Signature]</i>		Month 03	Day 08	Year 97
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name	Signature		Month	Day	Year
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name	Signature		Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

Entech Analytical Labs, Inc.

CA ELAP# 1369

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Tank Protect Engineering
2821 Whipple Road
Union City, CA 94587
Attn: Lee Huckins

Date:	3/20/97
Date Received:	3/11/97
Date Analyzed:	3/12-3/14/97
Project #:	267031097
P.O. #:	1383
Sampled By:	Client

Certified Analytical Report

Water Sample Analysis:

Test	MW-1	MW-2	MW-3	TMW-4	Units	PQL	EPA Method #
Sample Matrix	Water	Water	Water	Water			
Sample Date	3/7/97	3/7/97	3/10/97	3/10/97			
Sample Time	1640	1350	1400	1200			
Lab #	D4273	D4274	D4275	D4276			
DF-Gas/BTEX	200	40	40	1			
TPH-Gas	30,000	13,000	9,000	ND	µg/liter	50.0 µg/l	8015M
MTBE	ND	ND	ND	ND	µg/liter	5.0 µg/l	8020
Benzene	5,700	1,300	1,700	ND	µg/liter	0.5 µg/l	8020
Toluene	370	37	ND	ND	µg/liter	0.5 µg/l	8020
Ethyl Benzene	290	290	110	ND	µg/liter	0.5 µg/l	8020
Xylenes	780	180	ND	ND	µg/liter	0.5 µg/l	8020

1. DLR=DF x PQL
2. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #1369)


Michael N. Golden, Lab Director

DF=Dilution Factor
DLR=Detection Reporting Limit

PQL=Practical Quantitation Limit
ND=None Detected at or above DLR

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 1369

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Tank Protect Engineering
2821 Whipple Road
Union City, CA 94587
Attn: Lee Huckins

Date:	3/20/97
Date Received:	3/11/97
Date Analyzed:	3/12-3/13/97
Project #:	267031097
P.O. #:	1383
Sampled By:	Client

Certified Analytical Report

Water Sample Analysis:

Test	TMW-5	TMW-6	Units	PQL	EPA Method #
Sample Matrix	Water	Water			
Sample Date	3/10/97	3/10/97			
Sample Time	1300	1405			
Lab #	D4277	D4278			
DF-Gas/BTEX	400	1			
TPH-Gas	84,000	ND	µg/liter	50.0 µg/l	8015M
MTBE	ND	ND	µg/liter	5.0 µg/l	8020
Benzene	9,900	ND	µg/liter	0.5 µg/l	8020
Toluene	1,100	ND	µg/liter	0.5 µg/l	8020
Ethyl Benzene	2,600	ND	µg/liter	0.5 µg/l	8020
Xylenes	8,800	ND	µg/liter	0.5 µg/l	8020

1. $DLR = DF \times PQL$
2. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #1369)


Michael N. Golden, Lab Director

DF=Dilution Factor
DLR=Detection Reporting Limit

PQL=Practical Quantitation Limit
ND=None Detected at or above DLR

Environmental Analysis Since 1983



TANK PROTECT ENGINEERING
of Northern California, Inc

2821 Whipple Rd., Union City, CA 94587-1233

(510) 429-8088 ■ (800) 523-8088 ■ Fax (510) 429-8089

LAB: Enkech Analy

TURNAROUND: 15 days

P.O. #: 1383

PAGE 1 OF 1

CHAIN OF CUSTODY

PROJECT NO.		SITE NAME & ADDRESS				(1) TYPE OF CON- TAINER	ANALYTES REQUESTED							REMARKS
267031097		Credit Auto World 2345 E 14th Street					TOTAL LIGHT HC	AROMATIC HC	TOTAL HEAVY HC	OIL & GREASE	PCP SOLID (624's)	OTHER		
SAMPLER NAME, ADDRESS AND TELEPHONE NUMBER														
Lee Huckins 2821 WHIPPLE ROAD, UNION CITY, CA 94587 (415) 429-8088														
ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION									
MW-1	3/7	1840		X	D4273	240ml VPS	X	X						include MTBE
MW-2	3/7	1350		X	D4274	240ml VPS	X	X						h
MW-3	3/10	1400		X	D4275	240ml	X	X						h
MW-4	3/10	1200		X	D4276	240ml	X	X						h
MW-5	3/10	1300		X	D4277	240ml	X	X						h
MW-6	3/10	1405		X	D4278	240ml	X	X						h
Relinquished by: (Signature)						Date / Time		Received by: (Signature)		Date / Time		Received by: (Signature)		
Lee Huckins						3/11/97 8:20		J. Gilling						
Relinquished by: (Signature)						Date / Time		Received by: (Signature)		Date / Time		Received by: (Signature)		
Relinquished by: (Signature)						Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks		

DATE: 3-10-97