E-Z SERVE
MANAGEMENT COMPANY

May 26, 1993

Ms. Juliet Shin
Hazardous Material Specialist
Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, CA 94621

Re: Quarterly Monitoring Report
Former E-Z Serve #100877
525 West A Street
Hayward, California

Dear Ms. Shin:

Attached is a monitoring report for the first quarter of 1993. This report was prepared in accordance with the requirements established by the California Regional Water Quality Control Board. Also attached is a manifest for the transportation and disposal of purge water generated during quarterly sampling.

E-Z Serves consultant has applied for encroachment permits for drilling in the right-of-way of A Street. Once the permits are obtained the field work will be initiated.

If you have any questions advise.

Sincerely,

Brian Cobb

Brian Cobb, P.E.
Environmental Manager

w/enclosure
cc: Mr. Bart Racca - Associated Soils Analysis
Mr. Eddy So - CRWQCB

2550 NORTH LOOP WEST, SUITE 600 • HOUSTON, TEXAS 77092
P.O. BOX 922021 • HOUSTON, TEXAS 77292-2021
(713) 684-4300

ENVIRONMENTAL OVERSIGHT, INC.
CONSULTING AND WELL MONITORING SERVICES

QUARTERLY MONITORING REPORT
1st QTR - 1993

for

E-Z Serve Location # 100877
525 West A Street
Hayward, California

April 12, 1993

Write letter to Site to make sure they survey all wells to same established benchmark & again look into sources of gradient variations. (or call or check approval letter)

Main Office: 6 Bedford Lane, Suite 100, Conroe, Texas 77384, (409) 273-4565
California Office: 22 Kazan, Irvine, California 92714 (714) 559 - 0967

ENVIRONMENTAL OVERSIGHT, INC.
CONSULTING AND WELL MONITORING SERVICES

E-Z Serve #100877

Ground water monitoring wells at E-Z Serve Location #100877 were sampled on March 3, 1993 by Environmental Oversight, Inc.

No non-aqueous phase hydrocarbons was found in any of the six primary monitoring wells. Dissolved hydrocarbons, above the laboratory detection limits, were present in all six wells.

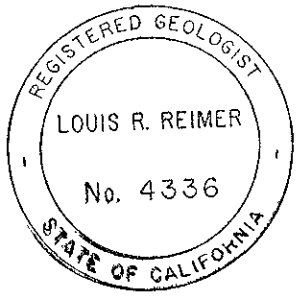
Contouring of the groundwater measurements taken during this sampling event shows a radial pattern toward the western border of the site. The gradient varies from 0.011 ft/ft on the northern edge and 0.016 ft/ft on the southern edge. Do to a disparity in the contamination distribution and groundwater gradient flow, Environmental Oversight recommends that the well be resurveyed to insure consistency, particularly MW-5 and MW-6.

Attached are the consolidated results from past sampling events, plot plan showing groundwater elevations, laboratory results with chain of custody documentation, and field gauging sheets.

Groundwater gradient determination and corresponding maps were completed by the Registered Geologist listed below based on information supplied by E-Z Serve and Environmental Oversight, Inc.

Paul R. Martin
Project Manager, REA #04413

Louis R. Reimer
California Registered Geologist No. 4336



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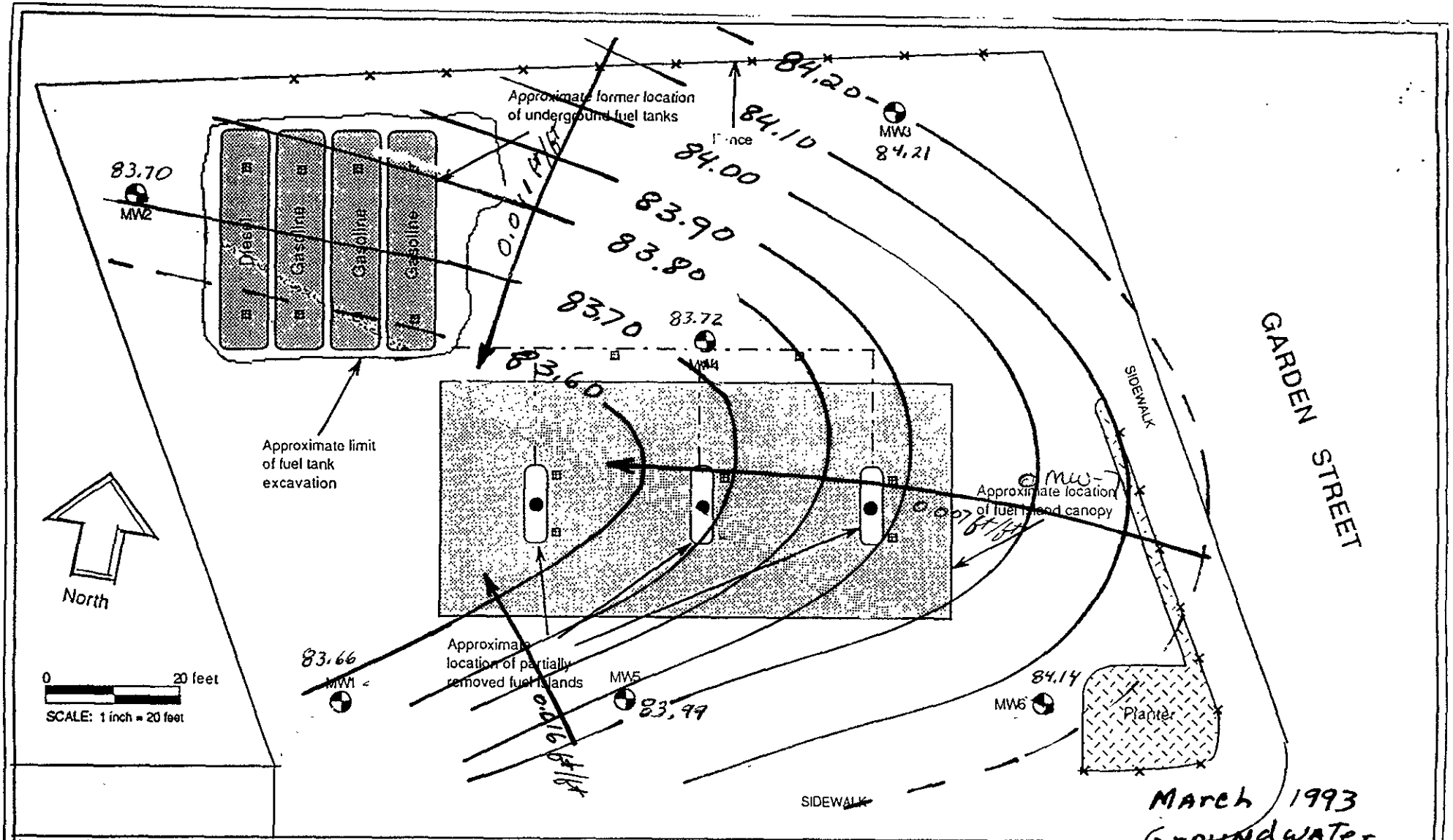
G.w much shallower!

E-Z Location #100877
525 West A Street
Hayward California

MW #	Date	Well Elev (feet)	Depth to F.P. (feet)	Depth to G.W (feet)	F.P. Thickness (feet)	G.W. Elevation (feet)	(EPA 8015) TPH (ppb)	(EPA 8020) B (ppb)	T (ppb)	E (ppb)	X (ppb)
MW #1											
	5-Feb-92	99.91		20.82	0.00	79.09	46,000	76,000	23,000	2,400	6,500
	11-Sep-92			20.08	0.00	79.83	48,000	9,000	1,200	1,800	4,600
	22-Dec-92			19.79	0.00	80.12	84,000	22,000	1,600	4,800	17,000
	3-Mar-93			16.23	0.00	83.68	54,000	16,000	1,600	1,900	4,300
MW #2											
	5-Feb-92	101.45		22.35	0.00	79.10	67,000	13,000	4,700	820	1,300
	11-Sep-92			21.67	0.00	79.78	57,000	9,000	1,400	1,200	8,400
	22-Dec-92			21.39	0.00	80.06	31,000	9,900	350	2,000	4,100
	3-Mar-93			17.75	0.00	83.70	17,000	5,100	1,300	720	1,900
MW #3											
	5-Feb-92	101.50		21.85	0.00	79.65	5,900	1,100	nd	nd	nd
	11-Sep-92			21.13	0.00	80.37	9,400	1,200	180	550	1,100
	22-Dec-92			20.88	0.00	80.62	12,000	2,800	190	850	1,600
	3-Mar-93			17.29	0.00	84.21	11,000	2,200	360	570	900
MW #4											
	5-Feb-92	100.50		21.31	0.00	79.19	16,000	2,700	410	nd	3,400
	11-Sep-92			20.62	0.00	79.88	43,000	7,600	1,600	1,400	4,100
	22-Dec-92			20.37	0.00	80.13	29,000	8,800	1,200	1,500	3,700
	3-Mar-93			16.78	0.00	83.72	17,000	5,000	1,500	680	1,700

E-Z Location #100877
525 West A Street
Hayward California

MW #	Date	Well Elev (feet)	Depth to F.P. (feet)	Depth to G.W (feet)	F.P. Thickness (feet)	G.W. Elevation (feet)	(EPA 8015) TPH (ppb)	(EPA 8020) B (ppb)	T (ppb)	E (ppb)	X (ppb)
MW #5											
	5-Feb-92	100.48		20.93	0.00	79.55	78,000	7,900	5,000	2,900	1,800
	11-Sep-92			20.27	0.00	80.21	49,000	4,700	400	1,400	4,100
	22-Dec-92			19.99	0.00	80.49	34,000	8,600	340	2,200	4,800
	3-Mar-93			16.49	0.00	83.99	22,000	7,500	640	1,300	3,400
MW #6											
	5-Feb-92	100.97		21.29	0.00	79.68	51,000	5,400	3,500	3,600	10,000
	11-Sep-92			20.56	0.00	80.41	24,000	2,500	830	1,400	2,300
	22-Dec-92			20.31	0.00	80.66	23,000	5,100	630	2,000	3,100
	3-Mar-93			16.83	0.00	84.14	18,000	4,400	820	1,400	2,400



MW6 Approximate location of groundwater monitoring wells installed by Associated Soils Analysis, Inc. on February 28-28, 1992

GROUNDWATER GRADIENT MAP

E-Z LOCATION #100877
525 West A Street
Hayward, California

ENVIRONMENTAL OVERSIGHT, INC.
6 Bedford Lane, Suite 100, Conroe, Texas 77384
(409) 273-4565

Trace Analysis Laboratory, Inc.
3423 Investment Boulevard, #8 • Hayward, California 94545
Telephone (510) 783-6960
Facsimile (510) 783-1512

TAL

March 19, 1993

Mr. Paul Martin
Environmental Oversight, Inc.
6 Bedford Lane, Suite 100
Conroe, Texas 77384

Dear Mr. Martin:

Trace Analysis Laboratory received six water samples on March 3, 1993 for your E-Z Serve Project No. 100877, West A Street, Hayward (our custody log number 3014).

These samples were analyzed for Total Petroleum Hydrocarbons as Gasoline and Benzene, Toluene, Ethylbenzene and Xylenes. Our analytical report and the completed chain of custody form are enclosed for your review.

Trace Analysis Laboratory is certified under the California Environmental Laboratory Accreditation Program. Our certification number is 1199.

If you should have any questions or require additional information, please call me.

Sincerely yours,

Rachel Dolbier
Project Specialist

Enclosures

Trace Analysis Laboratory, Inc.
3423 Investment Boulevard, #8 • Hayward, California 94545
Telephone (510) 783-6960
Facsimile (510) 783-1512

TAL

LOG NUMBER: 3014
DATE SAMPLED: 03/03/93
DATE RECEIVED: 03/03/93
DATE ANALYZED: 03/13/93 and 03/16/93
DATE REPORTED: 03/19/93

CUSTOMER: E-Z Serve Petroleum Marketing Company

REQUESTER: Paul Martin of Environmental Oversight, Inc.

PROJECT: No. 100877, 525 West A Street, Hayward

Sample Type: Water

Method and Constituent:	Units	MW-1 Concentration	MW-1 Reporting Limit	MW-2 Concentration	MW-2 Reporting Limit	MW-3 Concentration	MW-3 Reporting Limit
DHS Method:							
Total Petroleum Hydrocarbons as Gasoline	ug/l	54,000	510	17,000	580	11,000	510
Modified EPA Method 8020 for:							
Benzene	ug/l	16,000	120	5,100	60	2,200	120
Toluene	ug/l	1,600	120	1,300	57	360	120
Ethylbenzene	ug/l	1,900	130	720	65	570	130
Xylenes	ug/l	4,300	310	1,900	160	900	310

Concentrations reported as ND were not detected at or above the reporting limit.

TAL Trace Analysis Laboratory, Inc.

LOG NUMBER: 3014
DATE SAMPLED: 03/03/93
DATE RECEIVED: 03/03/93
DATE ANALYZED: 03/13/93
DATE REPORTED: 03/19/93
PAGE: Two

Sample Type: Water

Method and Constituent:	Units	MW-4 Concentration	MW-4 Reporting Limit	MW-5 Concentration	MW-5 Reporting Limit	MW-6 Concentration	MW-6 Reporting Limit
DHS Method:							
Total Petroleum Hydrocarbons as Gasoline	ug/l	17,000	510	22,000	510	18,000	510
Modified EPA Method 8020 for:							
Benzene	ug/l	5,000	120	7,500	120	4,400	120
Toluene	ug/l	1,500	120	640	120	820	120
Ethylbenzene	ug/l	680	130	1,300	130	1,400	130
Xylenes	ug/l	1,700	310	3,400	310	2,400	310

Method and Constituent:	Units	Method Blank Concentration	Method Blank Reporting Limit
DHS Method:			
Total Petroleum Hydrocarbons as Gasoline	ug/l	ND	50
Modified EPA Method 8020 for:			
Benzene	ug/l	ND	0.50
Toluene	ug/l	ND	0.50
Ethylbenzene	ug/l	ND	0.50
Xylenes	ug/l	ND	1.5

QC Summary:

% Recovery:	105	106
% RPD:	3.3	1.3

Concentrations reported as ND were not detected at or above the reporting limit.

Louis W. DuPuis
Quality Assurance/Quality Control Manager

Trace Analysis Laboratory, Inc.
3423 Investment Boulevard, #8 • Hayward, California 94545
Telephone (510) 783-6960
Facsimile (510) 783-1512

3014

TAL

CHAIN OF CUSTODY RECORD

Proj.No. 100877

Project Name: Hayward 525 W. A St.

Bill to:
E-Z Serve Petroleum Marketing Co.
10700 Interstate 45, Suite 500
Houston, TX, 77037-1187 (713)-684-4356

Project Manager:
Paul Martin, Environmental Oversight

Sample ID	Date	Time	Site Location	No. of Containers	Analyses: BETX	TPH Gasoline				REMARKS
MW-1	3/3/93	12:20		2	✓	✓				
MW-2	↓	11:55		2	✓	✓				
MW-3		10:30		2	✓	✓				
MW-4		10:50		2	✓	✓				
MW-5		11:45		2	✓	✓				
MW-6	↓	11:20		2	✓	✓				

Sampled by: (signature)	Date/Time	Relinquished by: (signature)	Date/Time
Matthew A MacDonald	3/3/93	Matthew A MacDonald	3/3/93 12:00
Received by: (signature)	**Date/Time**	**Relinquished by: (signature)**	**Date/Time**
~~FED EX~~	~~3/3/9~~		

Received for Laboratory by: (signature)	Date/Time	TURNAROUND TIME
Karen Lauricella	3/3/93 11:50	5-day

Fax and Mail to: Paul Martin
Environmental Oversight, Inc.
6 Bedford Lane, Suite 100
Conroe, TX 77384

ph: 409-273-4565
fx: 409-273-4530

REMARKS:
PICK-UP
Water
(2) 40ml Voas each, on ice, HCl

White
5-DAY TAT
RD

ENVIRONMENTAL OVERSIGHT, INC.

Consulting and Monitoring Well Services

6 Bedford Lane, Suite 100, Conroe, Texas 77384
(409) 273-4565

MONITORING WELL PURGING AND SAMPLING RECORD

Date 3/3/93
Client EZ Serve
Location # 100877
Address 525 West A Street Hayward, CA
Sampler Hattie A. VanDorsel

Number of Barrels on Site	
Empty	6
Full	0
Delivered	0

Well Number		1	2	3	4	5	6
Prior to Purging							
	Time	10:20	10:25	10:00	10:10	10:15	9:55
	Depth to FP (ft.)						
	Depth to GW (ft.)	16.23	17.75	17.29	16.78	16.49	16.83
	Depth of Well(ft.)	29.97	30.17	30.07	30.12	30.49	30.00
During Purging							
	Time	11:45	11:20	10:10	10:25	11:00	10:40
	Vol. in Well(gals)	9.21	8:32	8.52	14.01	9.38	8.70
	Vol. Removed(gals)	35	35	35	60	35	35
After Purging							
	Time	12:20	11:55	10:30	10:50	11:45	11:20
	Temp (Farenheit)	64.9	64.5	66.7	66.5	66.0	66.7
	pH	6.68	6.63	6.25	5.22	6.35	6.79
	Conductivity	3880	4050	4220	4340	4180	4640

Comments: 1 Empty Drum on site not Associated w/ Environmental Oversight.

ENVIRONMENTAL OVERSIGHT, INC.

Consulting and Monitoring Well Services

6 Bedford Lane, Suite 100, Conroe, Texas 77384
(409) 273-4565

MONITORING WELL PURGING AND SAMPLING RECORD

Date 3/3/93
Client EZ Serve
Location # 100877 Hayward

Well Number		7	8	9	10	11	12
Prior to Purging							
	Time	11:00					
	Depth to FP (ft.)	17.24					
	Depth to GW (ft.)	17.33					
	Depth of Well(ft.)	29.99					
During Purging							
	Time	12:20					
	Vol. in Well(gals)	8.54					
	Vol. Removed(gals)	35					
After Purging							
	Time						
	Temp (Farenheit)						
	pH						
	Conductivity						

Well Number		13	14	15	16	17	18
Prior to Purging							
	Time						
	Depth to FP (ft.)						
	Depth to GW (ft.)						
	Depth of Well(ft.)						
During Purging							
	Time						
	Vol. in Well(gals)						
	Vol. Removed(gals)						
After Purging							
	Time						
	Temp (Farenheit)						
	pH						
	Conductivity						

ENVIRONMENTAL OVERSIGHT, INC.
CONSULTING AND WELL MONITORING SERVICES

Ground Water Monitoring Wells
FIELD METHODS AND SAMPLING TECHNIQUES

Proper sampling techniques must be followed to assure that samples represent actual field conditions and that samples are labeled, preserved, and transported properly to retain sample integrity. This exhibit describes procedures to be followed by Environmental Oversight, Inc. (EOI) during collection of samples of ground water. Sampling guidance documents from the American Society of Testing and Materials (ASTM), U.S. Environmental Protection Agency (EPA), California Department of Health Services (DHS) and the California State Water Resources Control Board will be followed for all sampling procedures. Actual sampling procedures to be employed will be based on field conditions and may differ from those described herein.

Water Level and LPH Thickness Measurements

The static water level and LPH thickness in each well will be measured prior to purging or sampling.

The depth to water/product will be measured using an electronic interface probe. The wire of the interface probe is marked at 0.01 foot intervals. One tone is emitted from the interface probe if LPH is encountered; another tone for water. The wire of the interface probe will be lowered slowly until LPH or water is encountered. At this point, the mark on the interface wire opposite the permanent reference point on the top of the well casing, or the north side if a mark is not present, will be read to the nearest 0.01 foot and recorded. If the first encountered substance is LPH, the probe will be lowered until the tone corresponding to water is emitted. This depth will also be recorded. the difference between the two depths corresponds to the LPH thickness. The interface probe will be cleaned with an Alconox solution and rinsed in deionized water between measurements in different wells.

Well Evacuation

After the static water level in a well is determined and prior to collection of a ground water sample, stagnant water will be removed form the well casing and the surrounding gravel pack by bailing pumping, or with a vacuum truck, utilizing dedicated or decontaminated equipment. At least three casing volumes of water will be removed form each well from which a sample is collected. The volume of water in the casing will be determined from the known elevation of the water surface, the well bottom elevation, and the well diameter.

If the well is bailed or pumped during purging, samples will be collected and field analyzed for pH, temperature, and specific conductance.

All purged water will be containerized and properly handled and documented for disposal. If the containers are stored on site, a label specifying the date of purging, source, and the known or suspected nature of the contents will be affixed to each container.

Sample Collection, Preservation, and Handling

After purging, a new polyethylene disposable bailer will be used to collect samples for analysis. The bailer is attached to a new disposable rope and lowered slowly into the water to avoid agitation of the collected sample. Containers for volatile organic analyses will be filled completely so that no airspace remains in the vial after sealing.

All sample containers will be prewashed and prepared at the analyzing laboratory in accordance with quality assurance/quality control protocols of the laboratory. Only sample containers appropriate for the intended analyses will be used.

Conductivity, Temperature, and pH

Specific conductance, water temperature, and pH measurements will be made when a water sample is collected. Regardless of the sample collection method, a representative water sample will be placed in a transfer bottle used solely for field parameter determinations. A conventional pH meter with a combination electrode or equivalent will be used for field-specific conductance measurements. Temperature measurements will be performed using standard thermometers or equivalent temperature meters. Combination instruments capable of measuring two or all three of the parameters may also be used.

All instruments will be calibrated in accordance with manufacturer methods. All probes will be thoroughly cleaned and rinsed with fresh water prior to any measurements.

Sample Custody

Sample quantities, types, and locations will be determined before the actual fieldwork commences. As few people as possible will handle the samples. The field sampler is personally responsible for the care and custody o the collected samples until they are properly transferred.

Each sample will be labeled and sealed properly immediately after collection. Sample identification documents will be carefully prepared so that identification and chain-of-custody records can be maintained and sample disposition can be controlled.

Each label will contain the following information:

- Name of collector
- Project number
- Date and time of collection
- Place of collection
- Well number or identification
- Preservative (if any)

A chain of custody record will be filled out for and will accompany every sample and every shipment of samples to the analytical laboratories in order to establish the documentation necessary to trace sample possession from the time of collection. The record will contain the following information

- Project number
- Signature of collector, sampler, or recorder
- Date and time of collection
- Place of collection
- Sample type
- Signatures of persons involved in the chain of possession.
- Inclusive dates of possession.

The laboratory portion of the form should be completed by laboratory personnel and will contain the following information:

- Name of person receiving the sample
- Laboratory sample number
- Date and time of sample receipt
- Analysis requested

Samples will always be accompanied by a chain-of custody record. When transferring samples, the individuals relinquishing and receiving the samples will sign, date, and note the time on the chain-of-custody record. Samples will be packed properly for shipment and dispatched to the appropriate laboratory for analysis. The chain-of-custody record will accompany each shipment. The method of shipment, courier name(s), and other pertinent information will be entered in the chain-of-custody record.

Field Records

Information to field sampling must be recorded. Records should include the following:

- Name of the sampler
- Location of the sampling activity
- Description of sampling points
- Date and time of collection measurement
- Well measurements of free product and ground water elevations
- Volume of liquid removed
- Field testing results for conductivity, pH, and temperature
- Unusual conditions