TOXICHEM Management Systems, Inc.
Environmental & Occupational Health Services
1562 44th Avenue
San Francisco, California 94122
(415) 681-8816 / Fax (415) 681-8132

Industrial Hygiene - Exposure Assessment
Quantitative Risk Assessment
Compliance Audits
Real Property Environmental Assessments
Remedial Investigations
Air, Soil, and Groundwater Sampling
Remedial Engineering and Construction
Regulatory Compliance and Negotiation
Litigation Support Services

#435

November 20, 2000
Project EQ-02.1A

REPORTS

Mr. Barney M. Chan
Alameda County Health Care Services Agency
Environmental Protection Division
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Quarterly Monitoring Report - Third Quarter 2000**
Former Texaco Service Station
3810 Broadway, Oakland, California
Equiva Incident No. 93995026, SAP No. 128141

Dear Mr. Chan:

On behalf of Equiva Services LLC, this letter transmits the results of third quarter 2000 groundwater monitoring and sampling conducted at the site referenced above. This report presents an interpretation of results and recommendations and schedule for future actions. The groundwater elevation and analytical data are shown on Figures 1 and 2, respectively.

INTERPRETATION OF RESULTS

Groundwater Elevation

Groundwater monitoring and sampling data for the reporting was collected by Blaine Tech Services, Inc. on September 6, 2000. The average groundwater elevation at the site decreased approximately 0.5 feet since the previous quarterly groundwater monitoring and sampling event, and it remains within the historical range of groundwater elevation. Groundwater elevation data for Well MW-11, the new off-site well installed in August 2000, is not currently available. The well elevation survey was postponed pending repairs to Wells MW-4, MW-5, MW-6, and the PVC piping array riser.

Groundwater Flow Direction and Gradient

During the reporting quarter, the direction of groundwater flow and the groundwater gradient were not determined due to a flat gradient. The groundwater elevation data for Well MW-9 was not used in the evaluation.

Analytical Results

During the reporting quarter, separate phase hydrocarbons (SPH) were not measured in any well. The sample containers for TEPH analyses for Wells MW-4, MW-7, and MW-11 were broken in transit (using the laboratory courier). Overall, the dissolved groundwater concentrations appear stable with no apparent fluctuations outside historical ranges.

RECOMMENDATIONS AND SCHEDULE FOR FUTURE ACTIONS

1. Repairs to Wells MW-4, MW-5, and MW-6 are scheduled for completion during the week of November 13, 2000, and have been delayed while negotiating access and appropriate compensation for any interference to service station operations during repair work for the damage caused by the property owner's contractor.
2. Repairs to the PVC piping array riser are no longer planned because the property owner's contractor installed a spread footing for the canopy at the location of the piping riser. The spread footing is a concrete block with the dimensions of 7 feet by 7 feet by 6 feet deep. Excavation of the PVC piping array riser will threaten the structural stability of the canopy and is not recommended. Therefore, restoring the PVC piping array riser to service is not possible at the present time. Figure 3 shows the approximate location of the PVC piping array riser relative to the canopy spread footing.
3. Surveying the elevation of all wells is scheduled for late November 2000 following repairs to Wells MW-4, MW-5, and MW-6.
4. Discontinue analyses of groundwater samples for nitrates, sulfates, and ferrous iron. A database containing four quarters of data has been established, which is sufficient for present needs.
5. Continue the quarterly groundwater monitoring and sampling program.

If you have any questions regarding this site, please contact me at your convenience at (415) 681-8816.

Sincerely,

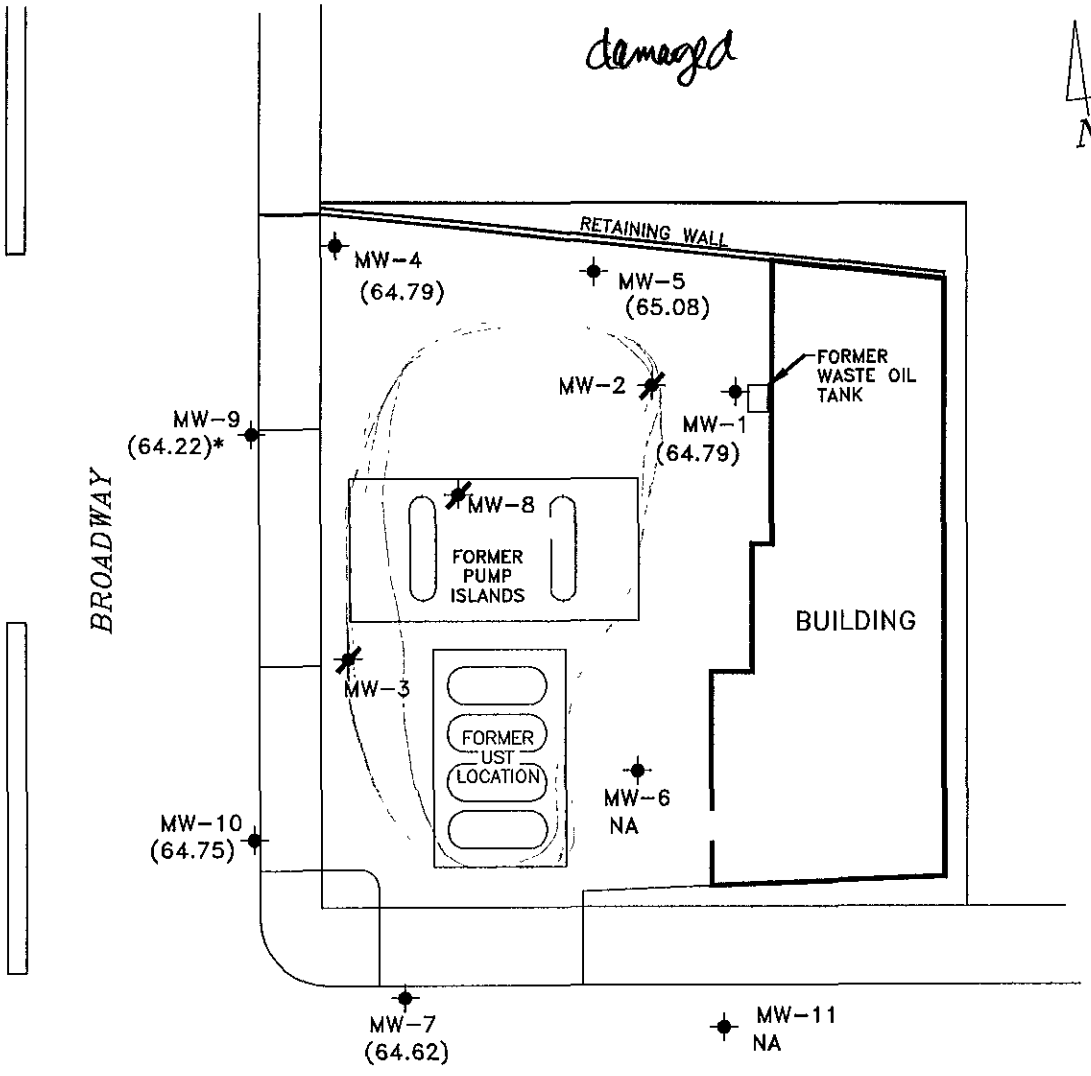
Toxichem Management Systems, Inc.

Keith Winemiller, P.E.
Senior Engineer

REGISTERED PROFESSIONAL ENGINEER
KEITH WINEMILLER
C 57744
Exp. 12/31/01
CIVIL
STATE OF CALIFORNIA

Enclosures

cc: Ms. Karen Petryna, P.E., Equiva Services LLC, P. O. Box 7869, Burbank, CA 91510-7869
Mr. Joe Zadik, 8255 San Leandro Street, Oakland, CA 94621 ← Prop. owner. (Express Auto Clinic)
510- 569- 1624
FAX (510) 569 3673



EXPLANATION

- MONITORING WELL
- DESTROYED WELL
- (64.79) GROUNDWATER ELEVATION (FT, MSL), 9-6-00
- NA NOT AVAILABLE
- * NOT USED IN CONTOURING
- NOTE: GROUNDWATER FLOW DIRECTION AND GRADIENT NOT DETERMINED DUE TO FLAT GRADIENT

SCALE (ft)

0 30

Reference: EQ-02.1A/BR-0A.DWG
Basemap from Remediation Risk Management, Inc.

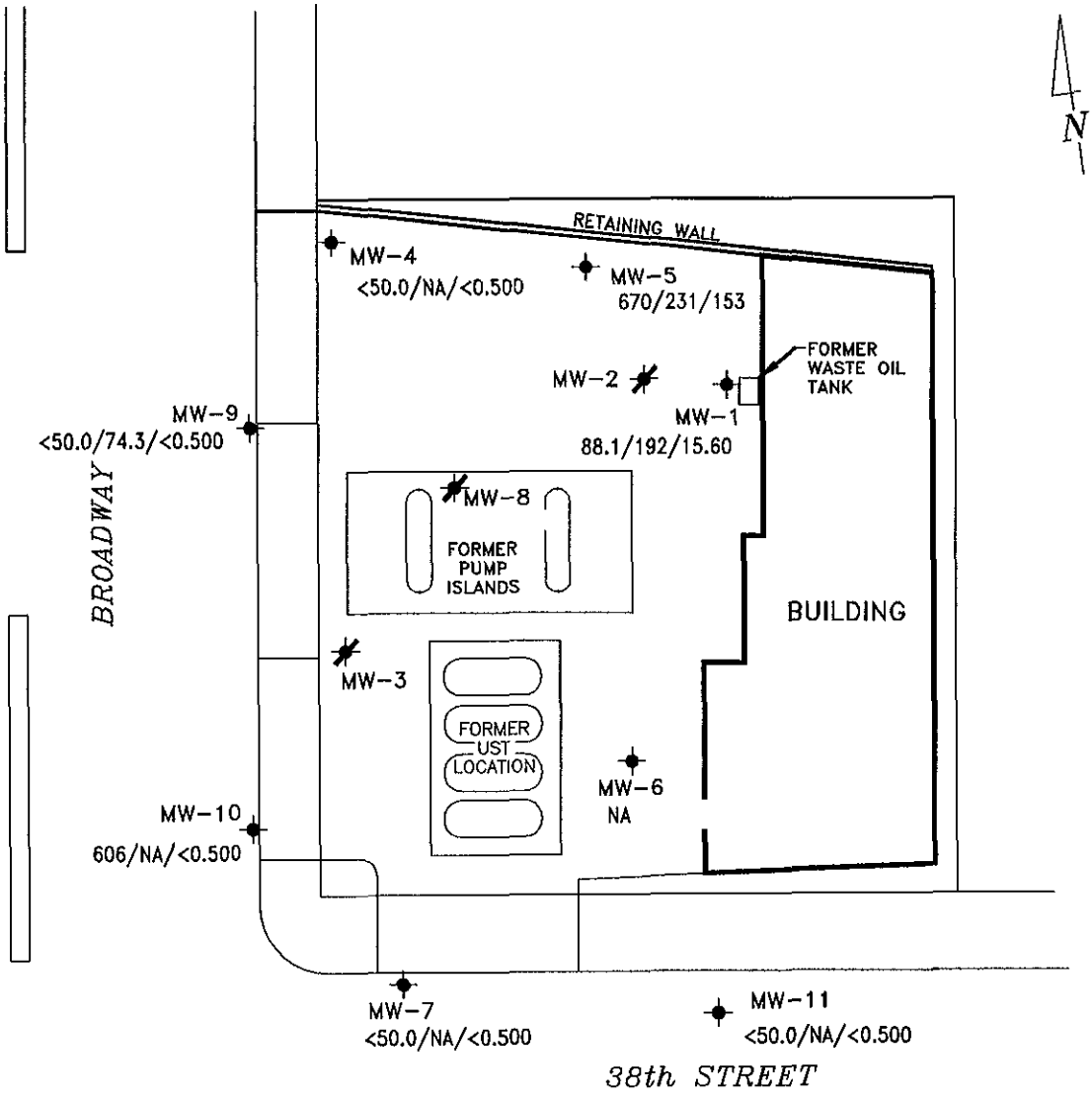
TOXICHEM Management Systems, Inc.
Environmental & Occupational Health Services

GROUNDWATER ELEVATION CONTOUR MAP, SEPTEMBER 6, 2000

Former Texaco Service Station
3810 Broadway
Oakland, California

FIGURE: 1

PROJECT: EQ-02



EXPLANATION

- MONITORING WELL
- DESTROYED WELL

88.1/192/15.60 TPPH/TEPH/BENZENE CONCENTRATION IN GROUNDWATER, IN MICROGRAMS PER LITER, 9-6-00
MtBE BY EPA METHOD 8260, IF AVAILABLE

NA DATA NOT AVAILABLE

SCALE (ft)

0 30

Reference: EQ-02.1A/BR-0A.DWG
Basemap from Remediation Risk Management, Inc.

TOXICHEM Management Systems, Inc.
Environmental & Occupational Health Services

TPPH/TEPH/BENZENE CONCENTRATION MAP, SEPTEMBER 6, 2000

Former Texaco Service Station
3810 Broadway
Oakland, California

FIGURE: 2

PROJECT: EQ-02

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE
CONTRACTOR'S LICENSE #746684
www.blainetech.com

October 31, 2000

Karen Petryna
Equiva Services LLC
P.O. Box 7869
Burbank, CA 91510-7869

Third Quarter 2000 Groundwater Monitoring at
Former Texaco Service Station
3800 Broadway
Oakland, CA

Monitoring performed on August 8, 16 and
September 6, 2000

Groundwater Monitoring Report **000906-S-1**

This report covers the routine monitoring of groundwater wells at this Former Texaco facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Please call if you have any questions.

Yours truly,

Deidre Kerwin
Operations Manager

DK/jt

attachments: Cumulative Table of WELL CONCENTRATIONS
Certified Analytical Report
Field Data Sheets

cc: Keith Winemiller
Toxichem Management Systems, Inc.
1562 44th Avenue
San Francisco, CA 94122

WELL CONCENTRATIONS
Former Texaco Service Station
3800 Broadway
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. Readings (ppm)
MW-1	06/28/1996	<100	<50	<0.5	<1.0	<1.0	<2.0	NA	NA	86.69	21.77	NA	64.92	NA	NA
MW-1	10/10/1996	520	<400	9.2	53	17	70	22	16**	86.69	23.26	NA	63.43	NA	NA
MW-1	11/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	86.69	23.27	NA	63.42	NA	NA
MW-1	12/18/1997	2,200	<50	<3.0	<3.0	<3.0	<3.0	<200	NA	86.69	19.70	NA	66.99	NA	NA
MW-1	04/06/1998	1,600	<50	16.4	0.8	<0.5	<0.5	38.3	NA	86.69	16.88	NA	69.81	NA	NA
MW-1	06/18/1998	330	280	7.8	<0.5	<0.5	<0.5	<0.5	NA	86.69	19.78	NA	66.91	NA	NA
MW-1	08/31/1998	<50	150	1.5	<0.5	<0.5	<0.5	<2.5	NA	86.69	21.71	NA	64.98	NA	NA
MW-1	12/21/1998	130	130	2.3	0.90	<0.5	<0.5	110	13	86.69	22.15	NA	64.54	NA	NA
MW-1	03/24/1999	1,520	305	11.7	<2.50	<2.50	<2.50	21.6	<25.0	86.69	19.55	NA	67.14	NA	NA
MW-1	06/25/1999	231	207	5.29	<0.500	<0.500	<0.500	3.94	1.01	86.69	21.60	NA	65.09	NA	NA
MW-1	09/24/1999	58.6	71.7	6.03	<0.500	<0.500	<0.500	3.70	NA	86.69	22.58	NA	64.11	NA	NA
MW-1	12/29/1999	117	345	4.26	<0.500	<0.500	1.97	26.2	<0.500	86.69	22.81	NA	63.88	NA	NA
MW-1	03/21/2000	834	319	<0.500	<0.500	<0.500	<0.500	21.5	NA	86.69	19.00	NA	67.69	NA	NA
MW-1	07/26/2000	<50.0	125	<0.500	<0.500	<0.500	<0.500	<2.50	NA	86.69	21.50	NA	65.19	NA	NA
MW-1	**09/06/2000**	**88.1**	**192**	**15.60**	**<0.500**	**<0.500**	**<0.500**	**NA**	**NA**	**86.69**	**21.90**	**NA**	**64.79**	**NA**	**NA**
MW-2	06/28/1996	NA	NA	NA	NA	NA	NA	NA	NA	85.83	22.10	NA	63.73	1.35	NA
MW-2	10/10/1996	99,000	1,800	4,100	9,400	2,300	9,900	390	<25**	85.83	22.36	NA	63.47	NA	NA
MW-2	11/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	85.83	22.39	NA	63.45	0.01	NA
MW-2	12/18/1997	24,000	4,700	600	1,800	750	2,400	<2,000	NA	85.83	20.19	NA	65.64	NA	NA
MW-2	04/06/1998	20,100	9.5	252	448	430	1,410	<200	NA	85.83	18.00	NA	67.83	NA	NA
MW-2	06/18/1998	20,000	5,200	240	370	270	790	<50	NA	85.83	19.63	NA	66.20	NA	NA
MW-2	08/31/1998	72,000	19,000	270	990	630	1,700	<125	NA	85.83	21.01	NA	64.82	NA	NA
MW-2	12/21/1998	290	13,000	8.7	18	9.7	38	10	29	85.83	21.31	NA	64.52	NA	NA
MW-2	03/24/1999	80,400	5,590	651	1,860	1,120	3,730	<40.0	<100	85.83	19.18	NA	66.65	NA	NA
MW-2	06/25/1999	34,700	12,100	504	1,300	716	2,160	<40.0	NA	85.83	20.78	NA	65.05	NA	NA
MW-2	09/24/1999	6,510	108	1,030	350	183	680	<50.0	NA	85.83	21.82	NA	64.01	NA	1.0/.80

WELL CONCENTRATIONS
Former Texaco Service Station
3800 Broadway
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. Readings (ppm)
MW-2	12/29/1999	NA	NA	NA	NA	NA	NA	NA	NA	85.83	22.17	21.87	63.90	0.30	2.6
MW-2	01/07/2000	NA	NA	NA	NA	NA	NA	NA	NA	85.83	22.84	22.45	63.30	0.39	NA
MW-2	03/21/2000	54,100	41,100	1,260	3,320	2,180	8,200	<1,250	NA	a	18.19	NA	NA	NA	3.3/3.6
MW-2	NA	Well destroyed		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	06/28/1996	NA	NA	NA	NA	NA	NA	NA	NA	83.18	19.04	NA	64.14	NA	NA
MW-3	10/10/1996	110,000	1,200	6,600	16,000	2,200	12,000	<250	NA	83.18	19.51	NA	63.67	NA	NA
MW-3	11/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.40	NA	19.84	NA	NA
MW-3	12/18/1997	180,000	6,100,000	1,500	16,000	4,600	23,000	<3,000	NA	83.18	18.79	NA	64.39	NA	NA
MW-3	04/06/1998	NA	NA	NA	NA	NA	NA	NA	NA	83.18	16.58	NA	66.64	0.05	NA
MW-3	06/18/1998	NA	NA	NA	NA	NA	NA	NA	NA	83.18	NA*	NA	NA	>2.0	NA
MW-3	08/31/1998	NA	NA	NA	NA	NA	NA	NA	NA	83.18	19.56	NA	63.68	0.07	NA
MW-3	12/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	83.18	20.23	NA	65.13	2.73	NA
MW-3	03/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	83.18	16.76	15.90	67.11	0.86	NA
MW-3	06/25/1999	NA	NA	NA	NA	NA	NA	NA	NA	83.18	18.47	18.17	64.95	0.30	NA
MW-3	09/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	83.18	19.43	19.35	63.81	0.08	NA
MW-3	12/29/1999	NA	NA	NA	NA	NA	NA	NA	NA	83.18	19.25	19.21	63.96	0.04	NA
MW-3	01/07/2000	NA	NA	NA	NA	NA	NA	NA	NA	83.18	19.87	19.80	63.37	0.07	NA
MW-3	NA	Well destroyed		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	06/28/1996	<100	<50	<0.5	<1.0	<1.0	<2.0	NA	NA	83.31	18.83	NA	64.48	NA	NA
MW-4	10/10/1996	650	<50	3.9	65	22	120	<5.0	NA	83.31	19.84	NA	63.47	NA	NA
MW-4	11/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	83.31	19.84	NA	63.47	NA	NA
MW-4	12/18/1997	<50	2,000	<0.5	<0.5	<0.5	<0.5	<30	NA	83.31	17.77	NA	65.54	NA	NA
MW-4	04/06/1998	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	83.31	15.45	NA	67.86	NA	NA
MW-4	06/18/1998	<50	53	<0.5	<0.5	<0.5	<0.5	<0.5	NA	83.31	16.89	NA	66.42	NA	NA
MW-4	08/31/1998	<50	60	<0.5	<0.5	<0.5	<0.5	<2.5	NA	83.31	18.48	NA	64.83	NA	NA
MW-4	12/21/1998	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	83.31	18.80	NA	64.51	NA	NA

WELL CONCENTRATIONS
Former Texaco Service Station
3800 Broadway
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. Readings (ppm)
MW-4	03/24/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	83.31	16.70	NA	66.61	NA	NA
MW-4	06/25/1999	<50.0	128	<0.500	<0.500	<0.500	<0.500	<2.00	NA	83.31	18.16	NA	65.15	NA	NA
MW-4	09/24/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	83.31	19.12	NA	64.19	NA	NA
MW-4	12/29/1999	<50.0	169	<0.500	<0.500	<0.500	<0.500	<5.00	NA	83.31	19.08	NA	64.23	NA	NA
MW-4	03/21/2000	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	83.31	16.10	NA	67.21	NA	NA
MW-4	07/26/2000	Obstruction in well		NA	NA	NA	NA	NA	NA	83.31	NA	NA	NA	NA	NA
MW-4	**09/06/2000**	**<50.0**	**c**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**NA**	**83.31**	**18.52**	**NA**	**64.79**	**NA**	**NA**
MW-5	10/10/1996	1,800	<50	34	4.7	11	44	21	5.0**	85.41	21.93	NA	63.48	NA	NA
MW-5	11/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	85.41	21.96	NA	63.45	NA	NA
MW-5	12/18/1997	1,200	<50	15	<1.0	15	<1.0	72	NA	85.41	19.81	NA	65.60	NA	NA
MW-5	04/06/1998	1,000	<50	126	0.5	0.8	1.5	<30	NA	85.41	17.43	NA	67.98	NA	NA
MW-5	06/18/1998	110	100	6.9	<0.5	<0.5	<0.5	<0.5	NA	85.41	19.15	NA	66.26	NA	NA
MW-5	08/31/1998	480	120	5.3	<2.5	<2.5	<2.5	<12	NA	85.41	20.46	NA	64.95	NA	NA
MW-5	12/21/1998	270	100	16	2.9	1.3	<1.0	34	<2.0	85.41	20.91	NA	64.50	NA	NA
MW-5	03/24/1999	143	93.3	2.80	<0.500	0.749	<0.500	<2.00	<5.00	85.41	18.74	NA	66.67	NA	NA
MW-5	06/25/1999	847	125	6.61	<0.500	0.611	<0.500	2.69	<2.00	85.41	20.31	NA	65.10	NA	NA
MW-5	09/24/1999	563	94.0	6.00	<2.50	<2.50	<2.50	25.1	NA	85.41	21.36	NA	64.05	NA	NA
MW-5	12/29/1999	896	173	16.6	1.48	8.92	2.67	61.1	<0.500	85.41	21.41	NA	64.00	NA	NA
MW-5	03/21/2000	858	158	53.7	<1.00	21.4	8.00	11.6	NA	85.41	18.13	NA	67.28	NA	NA
MW-5	07/26/2000	Obstruction in well		NA	NA	NA	NA	NA	NA	85.41	NA	NA	NA	NA	NA
MW-5	**09/06/2000**	**670**	**231**	**153**	**<2.50**	**7.87**	**<2.50**	**NA**	**NA**	**85.41**	**20.33**	**NA**	**65.08**	**NA**	**NA**
MW-6	10/10/1996	45,000	500	8,300	2,900	810	3,100	190	40**	86.09	22.44	NA	63.65	NA	NA
MW-6	11/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	86.09	22.60	NA	63.49	NA	NA
MW-6	12/18/1997	60,000	1,900	12,000	9,800	1,800	8,600	<2,000	NA	86.09	22.28	NA	63.81	NA	NA
MW-6	04/06/1998	30,500	<50	5,950	3,720	952	3,750	<1,000	NA	86.09	19.90	NA	66.19	NA	NA
MW-6	06/18/1998	23,000	1,100	2,600	540	410	1,300	<250	NA	86.09	20.49	NA	65.60	NA	NA
MW-6	08/31/1998	17,000	1,800	3,400	460	530	1,800	<250	NA	86.09	21.05	NA	65.04	NA	NA

WELL CONCENTRATIONS
Former Texaco Service Station
3800 Broadway
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. Readings (ppm)
MW-6	12/21/1998	7,900	930	1,900	510	280	730	150	2.6	86.09	21.74	NA	64.35	NA	NA
MW-6	03/24/1999	12,200	763	1,970	327	338	794	<40.0	<50.0	86.09	21.18	NA	64.91	NA	NA
MW-6	06/25/1999	14,800	1,050	2,040	1,080	406	1,430	<40.0	NA	86.09	21.34	NA	64.75	NA	NA
MW-6	09/24/1999	17,200	1,720	2,810	1,330	489	2,340	<50.0	NA	86.09	22.28	NA	63.81	NA	1.0/1.2
MW-6	12/29/1999	14,700	1,480	2,790	974	469	1,720	<500	NA	86.09	24.96	NA	61.13	NA	1.3/1.5
MW-6	03/21/2000	20,000	1,120	4,160	962	719	2,330	<250	NA	86.09	18.70	NA	67.39	NA	3.0/4.3
MW-6	07/26/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	86.09	NA	NA	NA	NA	NA
MW-6	**09/06/2000**	**Well inaccessible**		**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**86.09**	**NA**	**NA**	**NA**	**NA**	**NA**
MW-7	10/10/1996	<50	<50	0.6	<0.5	<0.5	<0.5	<5.0	NA	84.11	20.78	NA	63.33	NA	NA
MW-7	11/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	84.11	20.80	NA	63.31	NA	NA
MW-7	12/18/1997	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	84.11	17.27	NA	66.84	NA	NA
MW-7	04/06/1998	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	84.11	15.91	NA	68.20	NA	NA
MW-7	06/18/1998	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA	84.11	17.95	NA	66.16	NA	NA
MW-7	08/31/1998	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	84.11	19.40	NA	64.71	NA	NA
MW-7	12/21/1998	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	84.11	19.75	NA	64.36	NA	NA
MW-7	03/24/1999	<50.0	51.3	<0.500	<0.500	<0.500	<0.500	<2.00	NA	84.11	17.54	NA	66.57	NA	NA
MW-7	06/25/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	84.11	19.22	NA	64.89	NA	NA
MW-7	09/24/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	84.11	20.18	NA	63.93	NA	1.4/1.6
MW-7	12/29/1999	<50.0	99.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	84.11	20.15	NA	63.96	NA	2.3/1.8
MW-7	03/21/2000	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	84.11	16.35	NA	67.76	NA	5.8/9.0
MW-7	07/26/2000	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	84.11	18.99	NA	65.12	NA	6.0/6.6
MW-7	**09/06/2000**	**<50.0**	**c**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**NA**	**84.11**	**19.49**	**NA**	**64.62**	**NA**	**4.3/5.0**
MW-8	10/10/1996	17,000	110	1,300	1,200	64	1,300	110	<5.0**	84.01	20.82	NA	63.19	NA	NA
MW-8	11/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	84.01	20.44	NA	63.57	NA	NA
MW-8	12/18/1997	15,000	630	3,600	1,800	410	930	<600	NA	84.01	19.36	NA	64.65	NA	NA
MW-8	04/06/1998	32,300	<50	8,230	5,900	718	2,120	<1,000	NA	84.01	16.19	NA	67.82	NA	NA

WELL CONCENTRATIONS
Former Texaco Service Station
3800 Broadway
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. Readings (ppm)
MW-8	06/18/1998	74,000	<50	5,400	4,500	700	2,200	2,400	NA	84.01	17.75	NA	66.26	NA	NA
MW-8	08/31/1998	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	12/21/1998	9,600	1,200	2,600	410	220	300	700	<2.0	84.01	19.48	NA	64.53	NA	NA
MW-8	03/24/1999	86,100	2,890	9,890	11,700	1,650	7,130	<200	<250	84.01	17.44	NA	66.57	NA	NA
MW-8	06/25/1999	NA	NA	NA	NA	NA	NA	NA	NA	84.01	20.69	20.59	63.40	0.10	NA
MW-8	07/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	84.01	20.45	18.56	65.07	1.89	NA
MW-8	09/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	84.01	20.98	19.45	64.25	1.53	NA
MW-8	12/29/1999	NA	NA	NA	NA	NA	NA	NA	NA	84.01	20.25	19.99	63.97	0.26	NA
MW-8	01/07/2000	NA	NA	NA	NA	NA	NA	NA	NA	84.01	21.00	20.60	63.33	0.40	NA
MW-8	NA	Well destroyed		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-9	10/10/1996	80	520	2.5	13	2.2	13	<5.0	NA	82.17	18.62	NA	63.55	NA	NA
MW-9	11/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	63.53	NA	63.53	NA	NA
MW-9	12/18/1997	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	82.17	16.42	NA	65.75	NA	NA
MW-9	04/06/1998	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	82.17	14.00	NA	68.17	NA	NA
MW-9	06/18/1998	<50	100	<0.5	<0.5	<0.5	<0.5	<0.5	NA	82.17	15.33	NA	66.84	NA	NA
MW-9	08/31/1998	<50	57	<0.5	<0.5	<0.5	<0.5	<2.5	NA	82.17	17.14	NA	65.03	NA	NA
MW-9	12/21/1998	<50	71	<0.5	<0.5	<0.5	<0.5	<2.5	NA	82.17	17.40	NA	64.77	NA	NA
MW-9	03/24/1999	<50.0	84.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	82.17	16.22	NA	65.95	NA	NA
MW-9	06/25/1999	<50.0	92.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	82.17	16.90	NA	65.27	NA	NA
MW-9	09/24/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	82.17	17.89	NA	64.28	NA	1.0/1.2
MW-9	12/29/1999	<50.0	52.8	<0.500	<0.500	<0.500	<0.500	<5.00	NA	82.17	18.01	NA	64.16	NA	3.3/2.7
MW-9	03/21/2000	<50.0	72.4	<0.500	<0.500	<0.500	<0.500	<2.50	NA	82.17	14.80	NA	67.37	NA	3.2/7.3
MW-9	07/26/2000	<50.0	83.6	<0.500	<0.500	<0.500	<0.500	<2.50	NA	82.17	17.17	NA	65.00	NA	3.6/1.8
MW-9	**09/06/2000**	**<50.0**	**74.3**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**NA**	**82.17**	**17.95**	**NA**	**64.22**	**NA**	**3.8/4.0**
MW-10	10/10/1996	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	81.83	18.40	NA	63.43	NA	NA
MW-10	11/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	81.83	18.43	NA	63.40	NA	NA

WELL CONCENTRATIONS
Former Texaco Service Station
3800 Broadway
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. Readings (ppm)
MW-10	12/18/1997	350	<50	6.9	0.87	0.88	0.77	<30	NA	81.83	16.18	NA	65.65	NA	NA
MW-10	04/06/1998	2,300	<50	224	168	81.4	253	<30	NA	81.83	14.39	NA	67.44	NA	NA
MW-10	06/18/1998	7,200	320	310	210	83	280	<0.5	NA	81.83	15.11	NA	66.72	NA	NA
MW-10	08/31/1998	460	120	51	8.2	5.1	10	<5.0	NA	81.83	17.03	NA	64.80	NA	NA
MW-10	12/21/1998	120	79	5.5	<1.0	<1.0	<1.0	8.7	<2.0	81.83	17.32	NA	64.51	NA	NA
MW-10	03/24/1999	1,330	923	85.9	42.9	29.7	95.2	20.4	<25.0	81.83	15.25	NA	66.58	NA	NA
MW-10	06/25/1999	1,130	167	115	32.6	17.2	36.3	<4.00	NA	81.83	16.82	NA	65.01	NA	NA
MW-10	09/24/1999	382	76.7	20.0	<1.00	2.21	1.37	8.83	NA	81.83	17.75	NA	64.08	NA	NA
MW-10	12/29/1999	114	107	9.03	<0.500	0.531	<0.500	<5.00	NA	81.83	18.13	NA	63.70	NA	NA
MW-10	03/21/2000	1,270	194	86.3	52.3	38.1	102	19.5	NA	81.83	14.22	NA	67.61	NA	NA
MW-10	07/26/2000	562	192	74.8	7.51	24.3	14.8	13.3	<1.00b	81.83	16.61	NA	65.22	NA	NA
MW-10	**09/06/2000**	**606**	**205**	**93.4**	**5.36**	**16.7**	**38.9**	**NA**	**NA**	**81.83**	**17.08**	**NA**	**64.75**	**NA**	**NA**
MW-11	**08/08/2000**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**25.61**	**NA**	**NA**	**NA**	**NA**
MW-11	**08/16/2000**	**<50.0**	**56.80**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**NA**	**NA**	**25.50**	**NA**	**NA**	**NA**	**NA**
MW-11	**09/06/2000**	**<50.0**	**c**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**NA**	**NA**	**25.90**	**NA**	**NA**	**NA**	**NA**

WELL CONCENTRATIONS
Former Texaco Service Station
3800 Broadway
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. Readings (ppm)

Abbreviations:

TPPH= Total petroleum hydrocarbons as gasoline by modified EPA Method 8015

TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015

BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8020

MTBE = methyl-tertiary-butyl ether

TOC = Top of Casing Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

D.O. = Dissolved Oxygen

ug/L = parts per billion

ppm = parts per million

msl = Mean sea level

ft = Feet

<n = Below detection limit

D = Duplicate sample

NA = Not applicable

n/n = Pre-purge/Post-purge D.O. reading.

Notes:

* Free product could not be accurately measured (>2.0 feet of product in well).

** MTBE confirmation by 8240.

a = TOC for MW-2 has changed.

b = This sample analyzed outside of EPA recommended hold time.

c = During shipment by laboratory, sample containers for MW-4, MW-7, and MW-11 were broken.

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

31 August, 2000

Nick Sudano
Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose, CA 95112

RE: 3800 Broadway
Sequoia Report: MJH0632

Enclosed are the results of analyses for samples received by the laboratory on 08/17/00 12:33. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ted Terrasas
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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Blaine Tech Services (Shell)	Project: 3800 Broadway	
1680 Rogers Avenue	Project Number: 3800 Broadway/ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/31/00 09:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-11	MJH0632-01	Water	08/16/00 14:20	08/17/00 12:33

Ted Terrasas, Project Manager

Sequoia Analytical

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Blaine Tech Services (Shell)	Project: 3800 Broadway	
1680 Rogers Avenue	Project Number: 3800 Broadway/ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/31/00 09:22

Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-11 (MJH0632-01) Water Sampled: 08/16/00 14:20 Received: 08/17/00 12:33									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0H29003	08/29/00	08/29/00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*93.0 %*	*70-130*		"	"	"	"	

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Blaine Tech Services (Shell)	Project: 3800 Broadway	
1680 Rogers Avenue	Project Number: 3800 Broadway/ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/31/00 09:22

Diesel Hydrocarbons (C9-C24) by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-11 (MJH0632-01) Water Sampled: 08/16/00 14:20 Received: 08/17/00 12:33									
Diesel Range Hydrocarbons	**56.8**	50.0	ug/l	1	0H22036	08/22/00	08/25/00	DHS LUFT	D-15
Surrogate: n-Pentacosane		*117 %*	*50-150*		"	"	"	"	

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Blaine Tech Services (Shell)	Project: 3800 Broadway	
1680 Rogers Avenue	Project Number: 3800 Broadway/ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/31/00 09:22

Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0H29003 - EPA 5030B [P/T]										
Blank (0H29003-BLK1)				Prepared & Analyzed: 08/29/00						
Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Surrogate: a,a,a-Trifluorotoluene	*9.31*		"	*10.0*		*93.1*	*70-130*			
LCS (0H29003-BS1)				Prepared & Analyzed: 08/29/00						
Purgeable Hydrocarbons	241	50.0	ug/l	250		96.4	70-130			
Surrogate: a,a,a-Trifluorotoluene	*14.3*		"	*10.0*		*143*	*70-130*			*S-02*
Matrix Spike (0H29003-MS1)		**Source: MJH0661-01**		Prepared & Analyzed: 08/29/00						
Benzene	8.84	0.500	ug/l		ND		60-140			
Toluene	9.47	0.500	"		ND		60-140			
Ethylbenzene	10.4	0.500	"		ND		60-140			
Xylenes (total)	31.6	0.500	"		ND		60-140			
Surrogate: a,a,a-Trifluorotoluene	*9.77*		"	*10.0*		*97.7*	*70-130*			
Matrix Spike Dup (0H29003-MSD1)		**Source: MJH0661-01**		Prepared & Analyzed: 08/29/00						
Benzene	8.97	0.500	ug/l		ND		60-140	1.46	25	
Toluene	9.82	0.500	"		ND		60-140	3.63	25	
Ethylbenzene	11.1	0.500	"		ND		60-140	6.51	25	
Xylenes (total)	32.1	0.500	"		ND		60-140	1.57	25	
Surrogate: a,a,a-Trifluorotoluene	*10.0*		"	*10.0*		*100*	*70-130*			

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Blaine Tech Services (Shell)	Project: 3800 Broadway	
1680 Rogers Avenue	Project Number. 3800 Broadway/ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/31/00 09:22

Diesel Hydrocarbons (C9-C24) by DHS LUFT - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0H22036 - EPA 3510B										
Blank (0H22036-BLK1)				Prepared: 08/22/00 Analyzed. 08/24/00						
Diesel Range Hydrocarbons	ND	50.0	ug/l							
Surrogate. n-Pentacosane	*109*		"	*100*		*109*	*50-150*			
LCS (0H22036-BS1)				Prepared· 08/22/00 Analyzed: 08/24/00						
Diesel Range Hydrocarbons	884	50.0	ug/l	1000		88.4	60-140			
Surrogate· n-Pentacosane	*116*		"	*100*		*116*	*50-150*			
Matrix Spike (0H22036-MS1)		**Source: MJH0479-02**		Prepared: 08/22/00 Analyzed: 08/28/00						
Diesel Range Hydrocarbons	92600	300	ug/l	1000	3910	8870	50-150			Q-02
Surrogate. n-Pentacosane	*1470*		"	*100*		*1470*	*50-150*			*S-01*
Matrix Spike Dup (0H22036-MSD1)		**Source: MJH0479-02**		Prepared: 08/22/00 Analyzed: 08/28/00						
Diesel Range Hydrocarbons	50100	100	ug/l	1000	3910	4620	50-150	59 6	50	Q-02
Surrogate: n-Pentacosane	*1220*		"	*100*		*1220*	*50-150*			*S-01*

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Blaine Tech Services (Shell)	Project: 3800 Broadway	
1680 Rogers Avenue	Project Number: 3800 Broadway/ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/31/00 09:22

Notes and Definitions

D-15	Chromatogram Pattern. Unidentified Hydrocarbons C9-C24
Q-02	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
S-01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

BLAINE
TECH SERVICES INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY 000816-63

CLIENT: Equiva - Karen Petryna

SITE: 3800 Broadway

Oakland, CA

LAB: Segaco

DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

☐ EPA ☐ LIA ☐ OTHER ☐ RWQCB REGION

MI 10632

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 93995026

Send report to Blaine Tech Services

Attn: ~~Ann Pember~~ Nicole Sudano

SAMPLE I.D.			MATRIX S = SOIL W = H2O	CONTAINERS TOTAL		C = COMPOSITE ALL CONTAINERS	CONDUCT ANALYSIS TO DETECT: TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel	Oxygenates by 8260	1,2-DCA & EDB by 8010			ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW-11	8/16/00	1420	W	5	3 HCL VOA's 2 UNPRES		X			X					01			

SAMPLING COMPLETED: DATE 8/16/00 TIME

SAMPLING PERFORMED BY: [signature]

RESULTS NEEDED NO LATER THAN

RELEASED BY: [signature]	DATE 8/17/00	TIME 9:17	RECEIVED BY: [signature]	DATE	TIME
RELEASED BY: [signature]	DATE	TIME	RECEIVED BY: [signature]	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY: [signature]	DATE 8/17/00	TIME 1233

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #	

Sequoia Analytical

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Morgan Hill, CA 95037
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October 27, 2000

Nick Sudano
Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose, CA 95112

RE: 3800 Broadway

Dear Nick Sudano

Enclosed are the results of analyses for samples received by the laboratory on September 7, 2000. The sample containers for samples MW-4, MW-7 and MW-11 were broken during shipment to the laboratory. Therefore the results for the diesel analysis are not available. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Wayne Stevenson
Client Services Manager

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Blaine Tech Services (Shell)	Project: 3800 Broadway	
1680 Rogers Avenue	Project Number: 3800 Broadway/ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	10/24/00 17:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MJI0167-01	Water	09/06/00 12:37	09/07/00 15:54
MW-4	MJI0167-02	Water	09/06/00 11:17	09/07/00 15:54
MW-5	MJI0167-03	Water	09/06/00 13:20	09/07/00 15:54
MW-7	MJI0167-04	Water	09/06/00 11:40	09/07/00 15:54
MW-9	MJI0167-05	Water	09/06/00 12:04	09/07/00 15:54
MW-10	MJI0167-06	Water	09/06/00 13:41	09/07/00 15:54
MW-11	MJI0167-07	Water	09/06/00 12:51	09/07/00 15:54

for
Wayne Stevenson, Client Services Manager

Sequoia Analytical

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Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Blaine Tech Services (Shell)	Project: 3800 Broadway	
1680 Rogers Avenue	Project Number: 3800 Broadway/ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	10/24/00 17:37

Diesel Hydrocarbons (C9-C24) by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MJI0167-01) Water	**Sampled: 09/06/00 12:37**	**Received: 09/07/00 15:54**							
Diesel Range Hydrocarbons	**192**	50.0	ug/l	1	0I12001	09/12/00	09/13/00	DHS LUFT	D-15
Surrogate: n-Pentacosane		*106 %*	*50-150*		"	"	"	"	
MW-5 (MJI0167-03) Water	**Sampled: 09/06/00 13:20**	**Received: 09/07/00 15:54**							
Diesel Range Hydrocarbons	**231**	50.0	ug/l	1	0I12016	09/12/00	09/13/00	DHS LUFT	D-15
Surrogate: n-Pentacosane		*117 %*	*50-150*		"	"	"	"	
MW-9 (MJI0167-05) Water	**Sampled: 09/06/00 12:04**	**Received: 09/07/00 15:54**							
Diesel Range Hydrocarbons	**74.3**	50.0	ug/l	1	0I12016	09/12/00	09/13/00	DHS LUFT	D-15
Surrogate: n-Pentacosane		*119 %*	*50-150*		"	"	"	"	
MW-10 (MJI0167-06) Water	**Sampled: 09/06/00 13:41**	**Received: 09/07/00 15:54**							
Diesel Range Hydrocarbons	**205**	50.0	ug/l	1	0I12016	09/12/00	09/13/00	DHS LUFT	D-15
Surrogate: n-Pentacosane		*110 %*	*50-150*		"	"	"	"	

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
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Blaine Tech Services (Shell)	Project: 3800 Broadway	
1680 Rogers Avenue	Project Number: 3800 Broadway/ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	10/24/00 17:37

Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT

Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MJI0167-01) Water Sampled: 09/06/00 12:37 Received: 09/07/00 15:54									
Purgeable Hydrocarbons as Gasoline	**88.1**	50.0	ug/l	1	0090086	09/19/00	09/20/00	DHS LUFT	P-02
Benzene	**15.6**	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0 500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*110 %*	*60.0-140*		"	"	"	"	
MW-4 (MJI0167-02) Water Sampled: 09/06/00 11:17 Received: 09/07/00 15:54									
Purgeable Hydrocarbons as Gasoline	ND	50.0	ug/l	1	0090086	09/19/00	09/20/00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*102 %*	*60.0-140*		"	"	"	"	
MW-5 (MJI0167-03) Water Sampled: 09/06/00 13:20 Received: 09/07/00 15:54									
Purgeable Hydrocarbons as Gasoline	**670**	250	ug/l	5	0090094	09/20/00	09/20/00	DHS LUFT	P-01
Benzene	**153**	2.50	"	"	"	"	"	"	
Toluene	ND	2.50	"	"	"	"	"	"	
Ethylbenzene	**7.87**	2.50	"	"	"	"	"	"	
Xylenes (total)	ND	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*110 %*	*60 0-140*		"	"	"	"	
MW-7 (MJI0167-04) Water Sampled: 09/06/00 11:40 Received: 09/07/00 15:54									
Purgeable Hydrocarbons as Gasoline	ND	50.0	ug/l	1	0090086	09/19/00	09/20/00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*105 %*	*60.0-140*		"	"	"	"	

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1680 Rogers Avenue	Project Number: 3800 Broadway/ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	10/24/00 17:37

Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT

Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9 (MJI0167-05) Water Sampled: 09/06/00 12:04 Received: 09/07/00 15:54									
Purgeable Hydrocarbons as Gasoline	ND	50.0	ug/l	1	0090086	09/19/00	09/20/00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*101 %*	*60.0-140*		"	"	"	"	
MW-10 (MJI0167-06) Water Sampled: 09/06/00 13:41 Received: 09/07/00 15:54									
Purgeable Hydrocarbons as Gasoline	**606**	100	ug/l	2	0090093	09/20/00	09/20/00	DHS LUFT	P-01
Benzene	**93.4**	1 00	"	"	"	"	"	"	
Toluene	**5.36**	1.00	"	"	"	"	"	"	
Ethylbenzene	**16.7**	1.00	"	"	"	"	"	"	
Xylenes (total)	**38.9**	1.00	"	"	"	"	"	"	
Surrogate. a,a,a-Trifluorotoluene		*98 7 %*	*60.0-140*		"	"	"	"	
MW-11 (MJI0167-07) Water Sampled: 09/06/00 12:51 Received: 09/07/00 15:54									
Purgeable Hydrocarbons as Gasoline	ND	50.0	ug/l	1	0090093	09/20/00	09/20/00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0 500	"	"	"	"	"	"	
Surrogate. a,a,a-Trifluorotoluene		*107 %*	*60.0-140*		"	"	"	"	

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Blaine Tech Services (Shell)	Project: 3800 Broadway	
1680 Rogers Avenue	Project Number: 3800 Broadway/ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	10/24/00 17:37

Diesel Hydrocarbons (C9-C24) by DHS LUFT - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0I12001 - EPA 3510B										
Blank (0I12001-BLK1)				Prepared: 09/12/00 Analyzed: 09/13/00						
Diesel Range Hydrocarbons	ND	50 0	ug/l							
Surrogate n-Pentacosane	*94.9*		"	*100*		*94 9*	*50-150*			
LCS (0I12001-BS1)				Prepared: 09/12/00 Analyzed: 09/13/00						
Diesel Range Hydrocarbons	1010	50.0	ug/l	1000		101	60-140			
Surrogate. n-Pentacosane	*107*		"	*100*		*107*	*50-150*			
Matrix Spike (0I12001-MS1)		**Source: MJI0162-02**		Prepared: 09/12/00 Analyzed: 09/13/00						
Diesel Range Hydrocarbons	1040	50.0	ug/l	1000	ND	104	50-150			
Surrogate. n-Pentacosane	*102*		"	*100*		*102*	*50-150*			
Matrix Spike Dup (0I12001-MSD1)		**Source: MJI0162-02**		Prepared: 09/12/00 Analyzed: 09/13/00						
Diesel Range Hydrocarbons	1110	50 0	ug/l	1000	ND	111	50-150	6.51	50	
Surrogate· n-Pentacosane	*107*		"	*100*		*107*	*50-150*			
Batch 0I12016 - EPA 3510B										
Blank (0I12016-BLK1)				Prepared & Analyzed: 09/12/00						
Diesel Range Hydrocarbons	ND	50.0	ug/l							
Surrogate. n-Pentacosane	*97 1*		"	*100*		*97 1*	*50-150*			
LCS (0I12016-BS1)				Prepared & Analyzed: 09/12/00						
Diesel Range Hydrocarbons	880	50.0	ug/l	1000		88.0	60-140			
Surrogate. n-Pentacosane	*111*		"	*100*		*111*	*50-150*			
Matrix Spike (0I12016-MS1)		**Source: MJI0163-02**		Prepared & Analyzed: 09/12/00						
Diesel Range Hydrocarbons	1070	50.0	ug/l	1000	ND	107	50-150			
Surrogate. n-Pentacosane	*118*		"	*100*		*118*	*50-150*			

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1680 Rogers Avenue	Project Number: 3800 Broadway/ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	10/24/00 17:37

Diesel Hydrocarbons (C9-C24) by DHS LUFT - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0I12016 - EPA 3510B										
Matrix Spike Dup (0I12016-MSD1)	**Source: MJI0163-02**			Prepared & Analyzed: 09/12/00						
Diesel Range Hydrocarbons	1030	50.0	ug/l	1000	ND	103	50-150	3.81	50	
Surrogate: n-Pentacosane	*94.8*		"	*100*		*94.8*	*50-150*			

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1680 Rogers Avenue	Project Number: 3800 Broadway/ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	10/24/00 17:37

Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT - Quality Control
Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0090086 - EPA 5030B [P/T]										
Blank (0090086-BLK1)				Prepared & Analyzed: 09/19/00						
Purgeable Hydrocarbons as Gasoline	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0 500	"							
Surrogate: a,a,a-Trifluorotoluene	*10.4*		"	*10.0*		*104*	*60.0-140*			
LCS (0090086-BS1)				Prepared & Analyzed: 09/19/00						
Benzene	9.76	0 500	ug/l	10.0		97.6	70.0-130			
Toluene	9.03	0 500	"	10.0		90.3	70.0-130			
Ethylbenzene	9.05	0.500	"	10.0		90.5	70.0-130			
Xylenes (total)	27.1	0.500	"	30.0		90.3	70.0-130			
Surrogate a,a,a-Trifluorotoluene	*11.3*		"	*10.0*		*113*	*60.0-140*			
LCS (0090086-BS2)				Prepared & Analyzed: 09/19/00						
Purgeable Hydrocarbons as Gasoline	215	50.0	ug/l	250		86.0	70 0-130			
Surrogate a,a,a-Trifluorotoluene	*11.5*		"	*10.0*		*115*	*60 0-140*			
Matrix Spike (0090086-MS1)	**Source: L009111-03**			Prepared & Analyzed: 09/19/00						
Benzene	12.4	0.500	ug/l	10 0	ND	124	60.0-140			
Toluene	11.5	0 500	"	10.0	ND	115	60.0-140			
Ethylbenzene	11.6	0.500	"	10.0	ND	116	60.0-140			
Xylenes (total)	34.6	0.500	"	30.0	ND	115	60.0-140			
Surrogate: a,a,a-Trifluorotoluene	*10.4*		"	*10.0*		*104*	*60.0-140*			
Matrix Spike Dup (0090086-MSD1)	**Source: L009111-03**			Prepared: 09/19/00 Analyzed: 09/20/00						
Benzene	12.0	0.500	ug/l	10.0	ND	120	60.0-140	3 28	25.0	
Toluene	11.0	0.500	"	10.0	ND	110	60.0-140	4.44	25.0	
Ethylbenzene	11.2	0 500	"	10 0	ND	112	60.0-140	3.51	25.0	
Xylenes (total)	33.6	0.500	"	30.0	ND	112	60.0-140	2.64	25.0	
Surrogate: a,a,a-Trifluorotoluene	*10 1*		"	*10.0*		*101*	*60.0-140*			

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1680 Rogers Avenue	Project Number: 3800 Broadway/ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	10/24/00 17:37

Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT - Quality Control
Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0090093 - EPA 5030B [P/T]										
Blank (0090093-BLK1)				Prepared & Analyzed: 09/20/00						
Purgeable Hydrocarbons as Gasoline	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0 500	"							
Xylenes (total)	ND	0 500	"							
Surrogate: a,a,a-Trifluorotoluene	*10.7*		"	*10.0*		*107*	*60.0-140*			
LCS (0090093-BS1)				Prepared & Analyzed: 09/20/00						
Benzene	10.5	0.500	ug/l	10.0		105	70.0-130			
Toluene	9.78	0.500	"	10.0		97.8	70.0-130			
Ethylbenzene	9.84	0.500	"	10.0		98 4	70.0-130			
Xylenes (total)	29.4	0.500	"	30.0		98.0	70.0-130			
Surrogate a,a,a-Trifluorotoluene	*10.7*		"	*10 0*		*107*	*60.0-140*			
LCS (0090093-BS2)				Prepared & Analyzed: 09/20/00						
Purgeable Hydrocarbons as Gasoline	228	50.0	ug/l	250		91.2	70.0-130			
Surrogate: a,a,a-Trifluorotoluene	*10.3*		"	*10.0*		*103*	*60.0-140*			
Matrix Spike (0090093-MS1)	**Source: L009116-04**			Prepared & Analyzed: 09/20/00						
Purgeable Hydrocarbons as Gasoline	240	50.0	ug/l	250	ND	96.0	60.0-140			
Surrogate: a,a,a-Trifluorotoluene	*8 79*		"	*10.0*		*87 9*	*60.0-140*			
Matrix Spike Dup (0090093-MSD1)	**Source: L009116-04**			Prepared & Analyzed: 09/20/00						
Purgeable Hydrocarbons as Gasoline	241	50.0	ug/l	250	ND	96 4	60.0-140	0.416	25.0	
Surrogate: a,a,a-Trifluorotoluene	*9 34*		"	*10.0*		*93.4*	*60.0-140*			
Batch 0090094 - EPA 5030B [P/T]										
Blank (0090094-BLK1)				Prepared & Analyzed: 09/20/00						
Purgeable Hydrocarbons as Gasoline	ND	50 0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Surrogate: a,a,a-Trifluorotoluene	*9.64*		"	*10.0*		*96.4*	*60.0-140*			

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1680 Rogers Avenue	Project Number: 3800 Broadway/ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	10/24/00 17:37

Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT - Quality Control
Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0090094 - EPA 5030B [P/T]										
LCS (0090094-BS1)				Prepared & Analyzed: 09/20/00						
Benzene	7.98	0.500	ug/l	10.0		79.8	70.0-130			
Toluene	7.53	0.500	"	10.0		75 3	70.0-130			
Ethylbenzene	7.15	0 500	"	10.0		71.5	70.0-130			
Xylenes (total)	21.7	0.500	"	30.0		72.3	70.0-130			
Surrogate a,a,a-Trifluorotoluene	*9.02*		"	*10 0*		*90.2*	*60.0-140*			
LCS (0090094-BS2)				Prepared & Analyzed: 09/20/00						
Purgeable Hydrocarbons as Gasoline	205	50.0	ug/l	250		82.0	70 0-130			
Surrogate a,a,a-Trifluorotoluene	*10.6*		"	*10.0*		*106*	*60 0-140*			
Matrix Spike (0090094-MS1)	**Source: L009117-04**			Prepared & Analyzed: 09/20/00						
Purgeable Hydrocarbons as Gasoline	204	50 0	ug/l	250	ND	81.6	60.0-140			
Surrogate: a,a,a-Trifluorotoluene	*10.7*		"	*10.0*		*107*	*60.0-140*			
Matrix Spike Dup (0090094-MSD1)	**Source: L009117-04**			Prepared & Analyzed: 09/20/00						
Purgeable Hydrocarbons as Gasoline	230	50.0	ug/l	250	ND	92.0	60.0-140	12.0	25.0	
Surrogate: a,a,a-Trifluorotoluene	*10 4*		"	*10 0*		*104*	*60.0-140*			

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1680 Rogers Avenue	Project Number: 3800 Broadway/ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	10/24/00 17:37

Notes and Definitions

D-15	Chromatogram Pattern: Unidentified Hydrocarbons C9-C24
P-01	Chromatogram Pattern: Gasoline C6-C12
P-02	Chromatogram Pattern: Weathered Gasoline C6-C12
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

BLAINE TECH SERVICES INC

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY 000806-51

CLIENT: Equiva - Karen Petryna

SITE: 3800 Broadway

Oakland, CA

C = COMPOSITE ALL CONTAINERS

CONDUCT ANALYSIS TO DETECT

LAB: Severn

DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

☐ EPA ☐ RWQCB REGION ____
☐ LIA
☐ OTHER

MJI 0167

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 93995026

Send report to Blaine Tech Services

Attn: ~~Ann Pember~~ Nick Sudano

SAMPLE I.D.	Date	Time	MATRIX S = SOIL W = H2O	CONTAINERS TOTAL		TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel	Oxygenates by 8260	1,2-DCA & EDB by 8010	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW-1	9/6/00	1137	W	6	5	X	X		X			01			
MW-4		1117	W	6	5	X			X			02			
MW-5		1320	W	6	5	X			X			03			
MW-7		1140	W	6	5	X			X			04			
MW-9		1204	W	6	5	X			X			05			
MW-10		1341	W	6	5	X			X			06			
MW-11		1157	W	6	5	X			X			07			

SAMPLING COMPLETED	DATE	TIME
	9/6/00	1341

SAMPLING PERFORMED BY: Matt Wilk

RESULTS NEEDED NO LATER THAN

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
Matt Wilk	9/7/00	9:45		9/7/00	945
	9/7/00			9/7/00	3:5K

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

WELL GAUGING DATA

Project # 000906-S1 Date 9/6/00 Client Equiva #93995026

Site 3800 Broadway - Oakland, CA

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	2					21.90	29.45	TOC	
MW-4	2		"obstruction in well"			18.52	25.69		
MW-5	2		"obstruction in well."			20.33	25.15		
MW-6	2		Inaccessible under Pavement			—	—		
MW-7	2					19.49	33.25		
MW-9	2					17.95	33.95		
MW-10	2	odor				17.08	33.13		
MW-11	2					25.90	39.30		

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000906-S1	Site: II 23795026
Sampler: Steph	Date: 9/6/00
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: ~~21.90~~ 29.65	Depth to Water: 21.90
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

~~Bailer~~
~~Disposable Bailer~~
Middleburg
Electric Submersible
Waterra
Peristaltic
Extraction Pump
Other _____

Sampling Method:

~~Bailer~~
~~Disposable Bailer~~
Extraction Port
Dedicated Tubing
Other: _____

1.24 (Gals.) X	3	=	3.72 Gals
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1228	67.0	6.7	1225	36	1.24	clear
1230	66.0	6.7	1239	>200	2.48	cloudy
1232	65.5	6.7	1142	>200	4.00	"

Did well dewater? Yes (No) Gallons actually evacuated: 4

Sampling Time: 1237 Sampling Date: 9/6/00

Sample I.D.: MW-1 Laboratory: (Sequoia) Columbia Other _____

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000905-SC	Site: ~~I~~ 93995026
Sampler: Steph	Date: 9/6/00
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 25.69	Depth to Water: 18.51
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

~~Bailer~~ (X)
~~Disposable Bailer~~
Middleburg
Electric Submersible
Waterra
Peristaltic
Extraction Pump
Other: ___

Sampling Method: ~~Bailer~~ (X)
~~Disposable Bailer~~
Extraction Port
Dedicated Tubing
Other: ___

1.15 (Gals.) X 3 = 3.44 Gals
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1110	68.5	7.6	591.4	31	1.15	clear
1111	67.8	7.7	520.5	78	2.30	"
1112	67.5	7.7	513.9	7200	3.44	cloudy

Did well dewater? Yes (No) Gallons actually evacuated: 350

Sampling Time: 1117 Sampling Date: 9/6/00

Sample I.D.: MW-4 Laboratory: (Sequoia) Columbia Other: ___

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other:

FB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000902-SC	Site: ~~#~~ 23995026
Sampler: Steph	Date: 9/6/00
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 25.15	Depth to Water: 20.33
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

(Bailer)
(Disposable Bailer)
Middleburg
Electric Submersible
Waterra
Peristaltic
Extraction Pump
Other_____

Sampling Method:

(Bailer)
(Disposable Bailer)
Extraction Port
Dedicated Tubing
Other _____

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

.77 (Gals.) X 3 = 2.32 Gals
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1313	69.5	6.6	1591	> 200	.77	Turbid/odor
1314	68.3	6.5	1594	> 200	1.54	1/
1315	67.3	6.5	1597	> 200	2.32	1/

Did well dewater? Yes (No) Gallons actually evacuated: 2.5G

Sampling Time: 1320 Sampling Date: 9/6/00

Sample I.D.: MW-5 Laboratory: (Sequoia) Columbia Other_____

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000906-51	Site: #9395-026
Sampler: Stephen	Date: 9/6/00
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:
(Bailer)
Disposable Bailer
Middleburg
Electric Submersible
Waterra
Peristaltic
Extraction Pump
Other _____

Sampling Method: (Bailer)
Disposable Bailer
Extraction Port
Dedicated Tubing
Other _____

_____ (Gals.) X 3 = _____ Gals
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond	Turbidity	Gals Removed	Observations
			Inaccessible under pavement			

Did well dewater? Yes No — Gallons actually evacuated:

Sampling Time: — Sampling Date: 9/6/00

Sample I.D.: MW6 — Laboratory: (Sequoia) Columbia Other _____

Analyzed for: (TPH-G) BTEX MTBE (TPH-D) Other

FB I.D. (if applicable): @ Time — Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000906-SC	Site: II 93?E5026
Sampler: Stephen	Date: 9/6/00
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 33.25	Depth to Water: 19.45
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method: ~~Bailer~~ (Disposable Bailer) Middleburg Electric Submersible Waterra Peristaltic Extraction Pump Other ___

Sampling Method: ~~Bailer~~ (Disposable Bailer) Extraction Port Dedicated Tubing Other ___

2.20 (Gals.) X 3 = 6.60 Gals.
1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1129	68.5	6.8	497.6	114	2.20	clear
1132	67.5	6.7	571.7	7200	4.40	cloudy
1135	67.?	6.7	525.3	7200	6.60	"

Did well dewater? Yes (No) Gallons actually evacuated: 7

Sampling Time: 1140 Sampling Date: 9/6/00

Sample I.D.: MW-7 Laboratory: (Sequoia) Columbia Other

Analyzed for: (TPH-G BTEX) MTBE (TPH-D) Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd): Pre-purge: 4.3 mg/L Post-purge: 5.0 mg/L

O.R.P. (if req'd): Pre-purge: [illegible] mV Post-purge: 232 mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000906-SI	Site: II 93995026
Sampler: Stephe	Date: 9/6/06
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8
Total Well Depth: 33.95	Depth to Water: ~~19.49~~ 17.95
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:
- (Bailer)
- (Disposable Bailer)
- Middleburg
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other

Sampling Method:
- (Bailer)
- (Disposable Bailer)
- Extraction Port
- Dedicated Tubing
- Other

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.01	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

256 Gals. x 3 = 7.68 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°C)	pH	Cond.	Turbidity	Gals. Removed	Observations
1153	69.3	6.8	359.7	20	2.56	clear
1156	69.1	6.8	398.8	203	5.12	cloudy
1159	69.3	6.8	410.5	7200	7.68	"

Did well dewater? Yes (No) Gallons actually evacuated: 8

Sampling Time: 1204 Sampling Date: 9/6/06

Sample I.D.: MW-9 Laboratory: (Sequoia) Columbia Other

Analyzed for: (TPH-G) BTEX MTBE (TPH-D) Other

EB I.D. (if applicable): @ Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other

D.O. (if req'd): Pre-purge 3.8 mg/L Post-purge 4.0

ORP (if req'd): Pre-purge 237 mV Post-purge -10

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EQUIVA WELL MONITORING DATA SHEET

BTS #: 000906.51	Site: ~~7~~ 9399.5026
Sampler: Stephen	Date: 9/6/00
Well I.D.: MW-10	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 33.13	Depth to Water: 12.08
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

(Bailer) / ~~Bailer~~
~~Disposable Bailer~~
Middleburg
Electric Submersible
Waterra
Peristaltic
Extraction Pump
Other ___

Sampling Method: ~~Bailer~~
(Disposable Bailer)
Extraction Port
Dedicated Tubing
Other: ___

2.57 (Gals.) X 3 = 7.70 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1330	70.4	6.8	736.4	115	2.57	odor / cloudy
1333	69.9	6.7	731.2	88	5.14	"
1336	69.1	6.7	793.7	7200	7.70	"

Did well dewater? Yes (No) Gallons actually evacuated: 8

Sampling Time: 1341 Sampling Date: 9/6/00

Sample I.D.: MW-10 Laboratory: (Sequoia) Columbia Other ___

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/l	Post-purge:	mg/l
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000906-5	Site: #939950-6
Sampler: Steph	Date: 9/6/00
Well I.D.: MW-11	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 39.20	Depth to Water: 25.90
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

~~Bailer~~
~~Disposable Bailer~~
Middleburg
Electric Submersible
Waterra
Peristaltic
Extraction Pump
Other _____

Sampling Method:

Bailer
Disposable Bailer
Extraction Port
Dedicated Tubing
Other _____

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

2.14 (Gals.) X 3 = 6.43 Gals
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals Removed	Observations
1243	67.4	7.0	788.8 ~~788.6~~	176	2.14	cloudy
1250	66.9	7.0	814.2	7200	4.28	"
1253	65.8	7.1	826.3	>200	6.43	"

Did well dewater? Yes (No)		Gallons actually evacuated: 7	
Sampling Time: 1258		Sampling Date: 9/6/00	
Sample I.D.: MW-11		Laboratory: (Sequoia) Columbia Other _____	
Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other			
EB I.D. (if applicable): @ Time		Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D Other:			
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

WELL GAUGING DATA

Project # 000816-G3 Date 8/16/00 Client Equiva # 93995026

Site 3800 Broadway; Oakland, CA

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-11	2					25.50	39.50	↓	

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000816-G3	Site: 9399 5026
Sampler: MG	Date: 8/16/00
Well I.D.: MW-11	Well Diameter: (2) 3 4 6 8
Total Well Depth: 39.50	Depth to Water: 25.50
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

(Bailer) Waterra
Disposable Bailer Peristaltic
Middleburg Extraction Pump
Electric Submersible Other

Sampling Method: (Bailer)
Disposable Bailer
Extraction Port
Dedicated Tubing
Other:

2.2 (Gals.) X 3 = 6.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2	0.16	6	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond	Turbidity	Gals. Removed	Observations
1403	69.5	7.4	1040	7200	2.5	Brown
1408	68.9	7.3	1090	7200	5.0	
1413	68.7	7.2	1120	7200	7.0	

Did well dewater? Yes (No) Gallons actually evacuated: 7

Sampling Time: 1420 Sampling Date: 8/16/00

Sample I.D.: MW-11 Laboratory: (Kiff) Columbia Other

Analyzed for: (TPH-G) BTEX MTBE (TPH-D) Other

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other

D.O. (if req'd)	Pre-purge	mg/L	Post-purge		mg/L
O.R.P. (if req'd)	Pre-purge	mV	Post-purge		mV

WELL GAUGING DATA

Project # 030808-U2 Date 08-08-00 Client 618571071

Site 3800 Broadway Oakland, Ca

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-11	2					25.61	39.85	TOC	

WELL DEVELOPMENT DATA SHEET

Project #:	000808-41	Client:	618571071
Developer:	Sanjiv	Date Developed:	08-08-00.
Well I.D.:	MW-11	Well Diameter: (circle one)	(2) 3 4 6
Total Well Depth: ✓ Before: 39.85	After: ~~[illegible]~~ 40.53	Depth to Water: ✓ Before 25.61	After 31.99
Reason not developed:		If Free Product, thickness:	

Additional Notations:

Volume Conversion Factor (VCF):
(12 x (d²/4) x π) /231
where:
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.	VCF
(2" = 0.16)	
3" = 0.37	
4" = 0.65	
6" = 1.47	
10" = 4.08	
12" = 5.87	

2.2 (1 Case Volume) x 10 (Specified Volumes) = 22 gallons

Purging Device: Bailer ☐ Middleburg ☑ Electric Submersible ☐ Suction Pump ☐

Type of Installed Pump ______

Other equipment used ______

TIME	TEMP (F)	pH	COND	TURBIDITY	VOLUME REMOVED	NOTATIONS
10:15	surged for 15 mins				began at 10:00 Ended 10:15	
10:30	began purging with middleburg pump					
10:33	65.0	7.3	1954	>200	2.5	brown color
10:36	64.3	7.6	1850	>200	5	not very thick
10:41	63.6	7.8	1995	>200	7.5	DTW = 33.75
10:44	63.5	7.8	1958	>200	10.0	very turbid still
10:49	64.0	8.0	1884	>200	12.5	DTW = 31.95
10:54	63.5	8.0	1723	>200	15.0	
10:59	63.6	8.0	1636	>200	17.5	DTW = 30.98
11:03	63.5	8.0	1568	>200	20.0	very turbid
11:05	63.5	8.0	1565	>200	21.0	
11:07	63.5	8.0	1558	>200	22.0	very turbid
11:08			no hard bottom			DTW = 31.99 TWD = 40.97
11:20	surged [illegible] started at 11:12					Ended 11:20
11:2[illegible]	[illegible]	8.[illegible]	[illegible]	>200	24.5	very turbid
[illegible]	[illegible]		[illegible]			TWD = 39.79
[illegible]		[illegible]	[illegible]	>200	27.0	very silty sand [illegible]

Actions Actually Executed

WELL DEVELOPMENT DATA SHEET

TIME	TEMP (F)	pH	COND.	TURBIDITY	VOLUME REMOVED:	NOTATIONS:
11:55		surged	for	2 mins		
11:58	64.4	7.8	1447	>200	29.5	DTW = 31.73
12:00		hard	bottom			TWD = 40.53
12:07	64.9	7.8	1463	>200	32.0	very turbid hard bottom
						Total # of gallons removed 32
						well did not dewater