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January 29, 2003

LFR 009-08296-03

EPA Region 5 Records Ctr.
262276

Mr. Jeff Gore
Remedial Project Manager
USEPA Region V (5HE)
77 West Jackson Blvd.
Chicago, Illinois 60604

Subject: **Semi-Annual Groundwater Treatment System Progress Report**
July 2002 through December 2002
Fisher-Calo Superfund Site, Kingsbury, Indiana

Dear Mr. Gore:

Pursuant to the approved Remedial Action Work Plan (RAWP) and Operation, Maintenance, and Monitoring Plan (OM&M Plan) for the Groundwater Plume Remediation, LFR Inc. (LFR), on behalf of the Fisher-Calo RD/RA Site Group (Site Group), is submitting this Semi-Annual Progress Report for the period ending December 31, 2002. This semi-annual report summarizes the operation, maintenance, and monitoring activities for the groundwater extraction and treatment system and presents the ground water monitoring data for the period from July 1, 2002 to December 31, 2002.

1.0 EXTRACTION AND TREATMENT SYSTEM OPERATION

1.1 System Operation

The extraction and treatment system operated throughout the period with minimal interruptions. The system treated an average of approximately 1,183,680 gallons per day (gpd) (approximately 822 gpm) continuously throughout the period. LFR conducted routine system maintenance activities on the pumps, air strippers and piping. The treatment plant was shut down for one day to clean air strippers 1 and 3. A summary of the maintenance activities is presented in Attachment I.

1.2 Treatment Plant Sampling

In May 2001, pursuant to the approved O, M&M Sampling and Analysis Plan, the treatment system sampling frequency was changed from monthly to annually. LFR conducted treatment system sampling in April 2002 as reported in the July 2002 Annual Report. The next treatment system sampling will occur in April 2003. As a result there was no treatment plant sampling data collected during this semi-annual period.

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1.3 Facility Inspections

Weekly inspections were conducted throughout this reporting period. In addition to the weekly inspections, monthly inspections, which involve a more detailed checklist, were conducted during the last week of each month. In addition to the weekly and monthly inspections, a semi-annual inspection was conducted in December 2002.

There were no significant problems noted during the weekly, monthly, and semi-annual inspections other than the routine items discussed in Section 1.4. A copy of the weekly, monthly, and semi-annual inspection logs is maintained at the treatment building office and at LFR's Elgin, Illinois office. Copies of these logs can be provided to USEPA/IDEM upon request

1.4 Facility Maintenance and Equipment Repairs

All maintenance activities conducted this period are presented in Attachment I.

2.0 GROUNDWATER MONITORING AND SAMPLING

2.1 Hydraulic Monitoring

2.1.1 Hydraulic Sampling Events

LFR conducted groundwater level measurements on August 20, 2002 and November 4, 2002 to confirm that hydraulic containment is being achieved at all four plumes. A total of 161 monitoring wells and piezometers were monitored along with ten staff gauges installed within Travis Ditch. The 16 extraction wells were also monitored as part of this program. The locations of the hydraulic monitoring networks are shown on Figures 1 thru 4.

Some variations in pumping rates occurred during the period, and the pumping rates observed during each hydraulic monitoring event are shown on the Figures in Attachment II. Monthly pumping rates at each extraction well are included in **Table 1**.

2.1.2 Evaluation of Hydraulic Monitoring Data

The results of the two rounds of hydraulic monitoring conducted during the past six months are summarized in Tables 2 through 5. Also included in the tables are the historical minimum and maximum groundwater levels (since February 1998 – the startup date of the extraction system). Based on these measured groundwater levels, groundwater contour drawings were developed for each of the four plumes. These drawings were developed using Surfer (Golden Software) Version 7.0 to evaluate the effectiveness of the extraction well capture areas. The ground water level contour maps for each of the monitoring rounds are presented in Attachment II.

Review of the hydraulic monitoring data presented in Tables 2 through 5, and the figures included in Attachment II show that hydraulic containment was achieved at all four plumes throughout this year. Target pumping rates were closely maintained.

2.2 Groundwater Sampling and Analysis

2.2.1 Groundwater Sampling Events

LFR conducted groundwater sampling between November 5th and 7th 2002. In total, 33 monitoring wells and 14 operating extraction wells were sampled in accordance with the OM&M Plan and Groundwater Contingency Plan. The locations of the monitoring wells are shown on Figures 1 thru 4. All collected groundwater samples were submitted with chain-of-custody documentation to Severn Trent Laboratories, Inc. (STL) in University Park, Illinois for analysis of VOCs. The results of the two groundwater sampling events from 2002 are provided in Tables 6 through 9.

2.2.2 Data Review and Validation

Upon receipt of the analytical reports, LFR conducted a detailed review and validation of the analytical data in accordance with the OM&M QAPP. LFR's review and data validation results for the November 2002 sampling event are presented in Attachment III. Based on the data validation results, LFR determined the quality of the groundwater data for this period of sampling is acceptable.

2.2.3 Summary of Ground Water Sampling Data

The analytical data for each of the four plumes are summarized separately in Tables 6 through 9. These tables include a summary of the data compared to the groundwater criteria as listed in the groundwater contingency plan. Copies of the laboratory reports are not included in this report; however, copies can be made available to USEPA/IDEM upon request.

The results of this year's groundwater sampling show that the constituents detected and the concentrations detected are similar to previous sampling rounds. These data also confirm the extent of the four plumes as established in previous reports.

Pursuant to Section 5.2 of the Groundwater Contingency Plan (GCP), LFR conducted statistical analysis using the November 2002 groundwater analytical data. Based on the statistical analysis, no action was triggered under the groundwater contingency plan during this period. Attachment IV presents the detailed statistical analysis for the November 2002 ground water sampling event.

3.0 REPORTING

Monthly teleconferences have continued to allow for communication on the progress of the work under the Groundwater Remediation Program and Source Area Remediation program. Minutes from the monthly teleconferences from July 2002 to December 2002 are presented in Attachment V.

4.0 PETITION TO AMEND THE HYDRAULIC MONITORING SCHEDULE

The RD/RA Scope of Work contains a provision for the Site Group to be able to request a reduction in the frequency of hydraulic monitoring from quarterly to semi-annually after five years of system operation and demonstration that plume containment has been achieved.[1] The fifth anniversary of operation of the Fisher-Calo groundwater extraction system will occur in February 2003. The pumping rates of each plume extraction wells have been adjusted over the first five years of operation to achieve and maintain capture of each of the plumes. Evidence of successful plume capture has been provided in the form of the quarterly plume groundwater contour maps and the successful cutoff of groundwater contaminants that exceed MCL standards as measured at downgradient locations from each plume's extraction network.[2] Accordingly, on behalf of the Fisher-Calo RD/RA Site Group, LFR requests U.S. EPA to approve the reduction in the frequency of hydraulic monitoring from quarterly to semi-annually. With the Agency's consent, LFR will conduct hydraulic monitoring in February, May and November 2003. Next year, hydraulic monitoring will be conducted with the sampling events in May and November.

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[1] Section II.D.2 of the Fisher-Calo RD/RA SOW states "*After the first five years of hydraulic monitoring, Settling Defendants may petition U.S.EPA to further reduce the frequency of hydraulic monitoring to semi-annually if Settling Defendants can demonstrate to U.S. EPA's satisfaction that the system has been effectively containing the plumes for the five years of operation.*"

[2] Pertinent downgradient chemical monitoring locations by plume are as follows:

- One-Line North: CRA-58 and CRA-60
- One-Line South: CRA-24A and CRA-24B
- Two-Line North: CRA-48, MW-9, and MW-25
- Space Leasing: CRA-57

LFR

If you have any questions or need additional information, please contact us at (847) 695-8855.

Sincerely,

Wei-Lin Feng, P.E., P.G.
Principal

Dale N. Ellingson, P.E.
Senior Project Engineer

Attachments-5

cc: R. Ramsey
R. Olian
R. Paulen
B. White
D. Heidlauf

DALE N. ELLINGSON
REGISTERED
No. PE10100769
STATE OF
INDIANA
PROFESSIONAL ENGINEER
Expires 7.31.04

TABLE 1

SUMMARY OF EXTRACTION WELL FLOWRATES
FISHER-CALO SITE
KINGSBURY, INDIANA

Well ID	*Target Pumping Rates (gpm)*	*Pumping Rates 07/03/02 (gpm)*	*Pumping Rates 08/03/02 (gpm)*	*Pumping Rates 09/04/02 (gpm)*	*Pumping Rates 09/30/02 (gpm)*	*Pumping Rates 10/29/02 (gpm)*	*Pumping Rates 12/03/02 (gpm)*
EW1N-01	70.0	69.5	67.2	67.5	69.4	68.8	70.3
EW1N-02	70.0	69.2	69.8	73.8	68.2	69.7	70.4
EW1N-03	Off	Off	Off	Off	Off	Off	Off
EW1N-04	75.0	75.2	75.2	74.8	75.1	72.3	74.3
	215.0	213.9	212.2	216.1	212.7	210.8	215.0
EW1S-01	80.0	75.7	73.8	79.5	79.1	78.9	79.3
EW1S-02	80.0	79.6	77.7	80.0	80.7	79.2	79.9
EW1S-03	80.0	76.5	78.0	79.3	79.2	78.6	78.4
EW1S-04	70.0	70.6	69.6	70.9	70.7	69.4	69.9
	310.0	302.4	299.1	309.7	309.7	306.1	307.5
EW2N-01	Off	Off	Off	Off	Off	Off	Off
EW2N-02	57.5	54.4	52.4	57.8	55.2	56.2	56.7
EW2N-03	57.5	55.7	51.3	57.4	54.5	55.9	56.8
EW2N-04	75.0	74.9	74.8	73.8	75.5	74.9	74.6
	190.0	185.0	178.5	189.0	185.2	187.0	188.1
EWSL-01	35.0	34.9	35.2	34.7	34.4	35.4	33.5
EWSL-02	32.5	32.6	32.3	32.0	32.1	31.5	30.9
EWSL-03	25.0	25.3	24.8	25.2	25.7	24.7	24.9
EWSL-04	25.0	25.5	26.2	23.8	24.7	25.3	25.1
	117.5	118.3	118.5	115.7	116.9	116.9	114.4
	832.5	819.6	808.3	830.5	824.5	820.8	825.0

TABLE 2
SUMMARY OF HYDRAULIC MONITORING
ONE LINE ROAD NORTH
FISHER-CALO SITE

Well ID	Reference Elevation	February 28, 2002		May 6, 2002		August 20, 2002		November 4, 2002		Historical Minimum	Historical Maximum
	(ft AMSL) [1]	(ft BTOC)[2]	(ft AMSL)[3]	(ft BTOC)[2]	(ft AMSL)[3]	(ft BTOC)[2]	(ft AMSL)[3]	(ft BTOC)[2]	(ft AMSL)[3]	(ft AMSL)[2]	(ft AMSL)[2]
CRA-14	740.34	26.34	714.00	25.04	715.30	26.00	714.34	26.34	714.00	713.09	717.30
CRA-26	727.85	19.22	708.63	18.34	709.51	18.41	709.44	19.16	708.69	707.95	711.17
CRA-27A	725.30	17.89	707.41	17.17	708.13	17.56	707.74	18.08	707.22	706.83	709.19
CRA-27B	725.48	18.04	707.44	17.32	708.16	17.71	707.77	18.21	707.27	706.85	709.21
CRA-28	728.48	19.08	709.40	18.29	710.19	18.70	709.78	19.31	709.17	708.72	711.53
CRA-29A	733.41	22.79	710.62	21.86	711.55	22.02	711.39	22.80	710.61	709.87	713.33
CRA-29B	732.89	22.23	710.66	21.32	711.57	21.46	711.43	22.26	710.63	709.89	713.42
CRA-30A	729.43	19.53	709.90	18.61	710.82	18.63	710.80	19.44	709.99	709.13	712.72
CRA-30B	729.25	19.33	709.92	18.38	710.87	18.42	710.83	19.26	709.99	709.17	712.75
CRA-31A	712.66	7.61	705.05	7.11	705.55	7.58	705.08	7.71	704.95	704.77	705.55
CRA-31B	712.77	NM	NM	7.14	705.63	NM	NM	7.62	705.15	704.82	705.63
CRA-32	712.25	7.45	704.80	7.08	705.17	7.48	704.77	7.60	704.65	704.47	705.17
CRA-3B	715.91	9.81	706.10	9.45	706.46	9.84	706.07	9.98	705.93	705.71	707.46
CRA-41	718.19	10.95	707.24	10.30	707.89	10.71	707.48	11.19	707.00	706.63	708.93
CRA-42	716.50	10.65	705.85	10.07	706.43	10.51	705.99	10.89	705.61	705.35	707.03
CRA-43	723.81	16.78	707.03	16.08	707.73	16.47	707.34	16.66	707.15	706.48	708.65
CRA-58	714.20	9.04	705.16	8.57	705.63	9.01	705.19	9.16	705.04	704.87	705.68
CRA-59	712.49	7.06	705.43	6.57	705.92	7.07	705.42	7.19	705.30	705.08	705.92
CRA-60	713.70	8.12	705.58	7.72	705.98	8.07	705.63	8.20	705.50	705.23	706.09
CRA-63	725.02	15.20	709.82	14.50	710.52	15.03	709.99	15.51	709.51	709.13	710.59
CRA-64	717.03	10.17	706.86	9.79	707.24	10.19	706.84	10.39	706.64	706.41	707.47
MW-34	725.33	16.45	708.88	15.62	709.71	15.86	709.47	16.46	708.87	708.20	711.20
MW-36	725.09	16.27	708.82	15.42	709.67	15.66	709.43	16.35	708.74	708.15	711.15
MW-44	735.40	23.11	712.29	22.04	713.36	21.86	713.54	22.75	712.65	711.45	715.77
MW-47	733.67	22.92	710.75	21.88	711.79	21.57	712.10	22.47	711.20	709.93	714.26
P-09A	713.06	7.75	705.31	7.25	705.81	7.77	705.29	7.87	705.19	704.98	705.81
P-09B	713.22	7.94	705.28	7.45	705.77	7.98	705.24	8.09	705.13	704.93	705.77
P-10A	719.54	13.99	705.55	13.46	706.08	14.06	705.48	14.21	705.33	705.16	706.08
P-10B	719.60	14.08	705.52	13.57	706.03	14.15	705.45	14.29	705.31	705.03	705.97
PZ1N-01	715.27	10.50	704.77	9.98	705.29	10.38	704.89	10.66	704.61	704.34	706.33
PZ1N-02	715.13	10.58	704.55	10.02	705.11	10.44	704.69	10.76	704.37	704.20	706.18
PZ1N-03	716.81	11.14	705.67	10.57	706.24	10.99	705.82	11.33	705.48	705.23	706.67
PZ1N-04A	715.05	9.84	705.21	9.33	705.72	9.75	705.30	10.00	705.05	704.82	706.17
PZ1N-04B	715.05	9.85	705.20	9.35	705.70	9.74	705.31	10.01	705.04	704.82	706.19
PZ1N-05	713.44	8.31	705.13	7.82	705.62	8.25	705.19	8.45	704.99	704.79	705.79
PZ1N-06A	716.98	11.59	705.39	11.05	705.93	11.48	705.50	11.76	705.22	704.98	706.40
PZ1N-06B	716.93	11.54	705.39	11.01	705.92	11.44	705.49	11.71	705.22	704.97	706.38
PZ1N-07	716.71	10.59	706.12	9.97	706.74	10.38	706.33	10.78	705.93	705.63	707.31
PZ1N-08	718.61	12.85	705.76	12.38	706.23	12.79	705.82	13.10	705.51	705.19	706.85
PZ1N-09	717.67	11.52	706.15	11.07	706.60	11.48	706.19	11.78	705.89	705.61	706.80
PZ1N-10	715.89	9.82	706.07	9.42	706.47	9.82	706.07	10.04	705.85	705.58	706.47
PZ1N-11	716.67	10.75	705.92	10.27	706.40	10.68	705.99	10.94	705.73	705.45	706.40
PZ1N-12	717.12	10.79	706.33	10.26	706.86	10.69	706.43	11.03	706.09	705.77	706.86
SW-1	720.39/720.62[4]	11.26	709.13	10.90	709.49	11.2	709.42	11.26	709.13	708.94	709.80
SW-4	704.35	1.18	705.53	1.52	705.87	1.50	706.13	1.16	705.51	705.28	706.06
SW-5	703.65	1.36	705.01	1.86	705.51	1.20	705.55	1.34	704.99	704.83	705.69
SW-6	702.35	1.24	703.59	1.50	703.85	1.35	705.00	1.24	703.59	703.21	703.85
SW-10	704.63	1.50	706.13	1.82	706.45	1.20	703.55	1.42	706.05	703.55	706.61
EW1N-1	715.14	11.99	703.15	12.05	703.09	12.65	702.49	13.21	701.93	701.93	706.26
EW1N-2	715.14	12.17	702.97	12.06	703.08	13.3	701.84	13.08	702.06	701.84	705.70
EW1N-3	715.95	10.48	705.47	10.36	705.59	10.07	705.88	10.41	705.54	705.28	706.27
EW1N-4	718.71	18.66	700.05	18.72	699.99	19.11	699.6	19.58	699.13	699.13	706.86

Notes:

(1) Current Reference Elevation.

(2) ft BTOC - feet below reference elevation (or marking on staff gauge for SW-4 — SW-9).

(3) ft AMSL - feet above mean sea level.

(4) SW-1 was reestablished in January 2002

TABLE 3
SUMMARY OF HYDRAULIC MONITORING
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Well ID	Reference Elevation	February 28, 2002		May 6, 2002		August 20, 2002		November 4, 2002		Historical Minimum	Historical Maximum
	(ft AMSL) [1]	(ft BTOC)[2]	(ft AMSL)[3]	(ft BTOC)[2]	(ft AMSL)[3]	(ft BTOC)[2]	(ft AMSL)[3]	(ft BTOC)[2]	(ft AMSL)[3]	(ft AMSL)[2]	(ft AMSL)[2]
CRA-20A	712.78	9.39	703.39	8.79	703.99	8.85	703.93	9.57	703.21	702.85	705.37
CRA-20B	713.02	9.64	703.38	9.03	703.99	9.10	703.92	9.82	703.20	702.85	705.34
CRA-21A	732.34	25.36	706.98	24.45	707.89	24.20	708.14	25.12	707.22	706.37	710.05
CRA-21B	731.78	24.78	707.00	23.87	707.91	23.68	708.10	24.54	707.24	706.40	710.27
CRA-22A	729.74	23.64	706.10	22.69	707.05	22.51	707.23	23.43	706.31	705.45	709.32
CRA-22B	729.57	23.47	706.10	22.52	707.05	22.35	707.22	23.28	706.29	705.44	709.30
CRA-23	710.23	7.00	703.23	6.75	703.48	6.93	703.30	7.17	703.06	702.93	703.80
CRA-24A	708.87	7.10	701.77	6.75	702.12	6.67	702.20	7.28	701.59	701.48	702.79
CRA-24B	708.22	6.46	701.76	6.11	702.11	5.98	702.24	6.64	701.58	701.47	702.78
CRA-25	711.79	9.81	701.98	9.21	702.58	9.34	702.45	10.11	701.68	701.40	703.71
CRA-32	712.25	7.45	704.80	7.08	705.17	7.48	704.77	7.60	704.65	704.47	705.17
CRA-34A	711.52	9.29	702.23	8.98	702.54	9.01	702.51	9.56	701.96	701.90	702.89
CRA-34B	711.25	9.07	702.18	8.76	702.49	8.81	702.44	9.35	701.90	701.85	702.84
CRA-44A	729.15	24.98	704.17	24.07	705.08	24.12	705.03	25.10	704.05	703.42	706.97
CRA-44B	728.17	24.04	704.13	23.12	705.05	23.13	705.04	24.17	704.00	703.39	706.93
CRA-49A	727.91	22.28	705.63	21.28	706.63	21.14	706.77	22.11	705.80	704.92	708.93
CRA-49B	728.09	22.43	705.66	21.40	706.69	21.29	706.80	22.25	705.84	704.98	708.99
MW-9	726.43	17.81	708.62	16.72	709.71	16.03	710.40	17.10	709.33	708.03	712.80
MW-10	731.90	26.77	705.13	25.97	705.93	25.95	705.95	26.78	705.12	704.54	707.68
MW-12	731.27	26.33	704.94	25.53	705.74	25.50	705.77	26.32	704.95	704.35	707.53
MW-17	731.43	23.48	707.95	22.37	709.06	21.86	709.57	22.93	708.50	707.25	712.00
MW-20	725.22	18.43	706.79	17.32	707.90	17.03	708.19	18.10	707.12	706.00	710.69
MW-22	729.88	25.67	704.21	24.83	705.05	24.84	705.04	25.79	704.09	703.53	706.88
MW-23	730.17	25.96	704.21	25.11	705.06	25.12	705.05	26.06	704.11	703.53	706.90
MW-26	732.81	27.30	705.51	26.53	706.28	26.51	706.30	27.31	705.50	704.94	707.99
MW-27	731.10	26.51	704.59	25.70	705.40	25.68	705.42	26.56	704.54	703.98	707.19
MW-28	726.70	22.96	703.74	21.95	704.75	22.17	704.53	23.21	703.49	702.83	706.67
MW-39	730.08	23.35	706.73	22.54	707.54	22.50	707.58	23.30	706.78	706.15	709.35
MW-47	733.67	22.92	710.75	21.88	711.79	21.57	712.10	22.47	711.20	710.15	714.26
P-08A	715.48	12.37	703.11	12.08	703.40	12.52	702.96	12.92	702.56	702.51	703.91
P-08B	715.45	12.34	703.11	12.05	703.40	12.50	702.95	12.89	702.56	702.52	703.92
PZ1S-01	712.67	11.04	701.63	10.77	701.90	10.65	702.02	11.25	701.42	701.25	703.81
PZ1S-02	713.34	12.35	700.99	11.91	701.43	11.80	701.54	12.53	700.81	700.59	703.88
PZ1S-03	713.32	12.51	700.81	12.02	701.30	11.97	701.35	12.71	700.61	700.37	703.55
PZ1S-04	712.78	12.13	700.65	11.61	701.17	11.59	701.19	12.36	700.42	700.21	703.61
PZ1S-05	712.46	10.88	701.58	10.31	702.15	10.37	702.09	11.14	701.32	701.07	703.76
PZ1S-06	712.31	10.97	701.34	10.49	701.82	10.47	701.84	11.22	701.09	700.89	703.29
PZ1S-07	712.98	11.53	701.45	11.11	701.87	11.08	701.90	11.73	701.25	701.11	702.70
PZ1S-08	713.01	11.58	701.43	11.07	701.94	11.06	701.95	11.81	701.20	700.98	703.54
PZ1S-09	710.33	8.87	701.46	8.43	701.90	8.32	702.01	9.07	701.26	701.08	703.09
PZ1S-10	712.95	11.58	701.37	11.10	701.85	11.05	701.90	11.78	701.17	700.93	703.54
PZ1S-11	713.12	11.40	701.72	10.97	702.15	10.46	702.66	11.64	701.48	701.29	703.80
PZ1S-12	713.08	11.43	701.65	11.02	702.06	10.96	702.12	11.63	701.45	701.28	703.71
PZ1S-13	709.11	7.05	702.06	6.76	702.35	6.70	702.41	7.26	701.85	701.70	703.61
PZ1S-14	712.45	9.44	703.01	9.10	703.35	9.19	703.26	9.68	702.77	702.57	704.27
EW1S-1	712.26	12.11	700.15	12.15	700.11	11.73	700.53	12.58	699.68	699.49	703.86
EW1S-2	712.37	13.09	699.28	13.25	699.12	12.66	699.71	13.53	698.84	698.69	703.17
EW1S-3	712.85	13.98	698.87	14.18	698.67	13.72	699.13	14.61	698.24	696.50	702.83
EW1S-4	711.87	12.58	699.29	12.71	699.16	12.29	699.58	13.09	698.78	698.82	702.55
SW-2B	707.27/700.60[4]	1.24	701.84	1.56	702.16	1.91	702.51	1.40	702.00	701.57	702.67
SW-6	702.35	1.24	703.59	1.50	703.85	1.20	703.55	1.24	703.59	703.21	703.85
SW-7	700.46	1.05	701.51	1.42	701.88	1.58	702.04	1.00	701.46	701.34	702.30
SW-8	699.81	1.50	701.31	1.82	701.63	1.89	701.70	1.59	701.40	701.09	701.81
SW-9	698.87	1.30	700.17	1.62	700.49	1.78	700.65	1.27	700.14	699.81	700.53

Notes:

(1) Current Reference Elevation.

(2) ft BTOC - feet below reference elevation (or marking on staff gauge for SW-4 —SW-9).

(3) ft AMSL - feet above mean sea level.

(4) SW-2B was reestablished in January 2002

TABLE 4
SUMMARY OF HYDRAULIC MONITORING
TWO LINE ROAD NORTH
FISHER-CALO SITE

Well ID	Reference Elevation	February 28, 2002		May 6, 2002		August 20, 2002		November 4, 2002		Historical Minimum	Historical Maximum
	(ft AMSL)[1]	(ft BTOC)[2]	(ft AMSL)[3]	(ft BTOC)[2]	(ft AMSL)[3]	(ft BTOC)[2]	(ft AMSL)[3]	(ft BTOC)[2]	(ft AMSL)[3]	(ft AMSL)[2]	(ft AMSL)[2]
CRA-14	740.34	26.38	713.96	25.04	715.30	26.00	714.34	26.34	714.00	713.25	717.30
CRA-16A	735.71	24.49	711.22	23.26	712.45	22.29	713.42	23.30	712.41	710.41	715.84
CRA-16B	736.00	24.8	711.20	23.56	712.44	22.57	713.43	23.59	712.41	710.42	715.84
CRA-17A	731.19	20.68	710.51	19.49	711.70	18.62	712.57	19.65	711.54	709.81	715.04
CRA-17B	731.03	20.52	710.51	19.32	711.71	18.46	712.57	19.47	711.56	709.81	715.05
CRA-18	734.84	24.42	710.42	23.2	711.64	22.42	712.42	23.24	711.60	709.64	715.06
CRA-19	736.31	24.52	711.79	23.22	713.09	22.22	714.09	23.23	713.08	710.92	716.47
CRA-33	735.94	23.63	712.31	22.64	713.30	21.86	714.08	22.84	713.10	711.38	716.61
CRA-33B	735.78	23.83	711.95	22.45	713.33	21.67	714.11	22.65	713.13	711.41	716.64
CRA-45	733.99	23.58	710.41	22.31	711.68	21.26	712.73	22.29	711.70	709.56	715.09
CRA-46	732.79	20.63	712.16	19.46	713.33	18.76	714.03	19.75	713.04	711.46	716.55
CRA-47	731.74	21.33	710.41	20.22	711.52	19.55	712.19	20.56	711.18	709.75	714.69
CRA-48	732.44	23.45	708.99	22.28	710.16	21.46	710.98	22.54	709.90	708.33	713.54
MW-3	737.07	21.61	715.46	20.38	716.69	19.60	717.47	20.57	716.50	714.56	720.31
MW-4	736.20	23.07	713.13	21.87	714.33	20.98	715.22	21.96	714.24	712.25	717.77
MW-6	736.84	23.75	713.09	22.53	714.31	21.64	715.20	22.63	714.21	712.23	717.75
MW-7	726.69	17.95	708.74	16.95	709.74	16.25	710.44	17.33	709.36	708.05	712.84
MW-9	726.43	17.81	708.62	16.72	709.71	16.03	710.40	17.10	709.33	708.03	712.80
MW-24	732.35	23.45	708.90	22.32	710.03	21.63	710.72	22.71	709.64	708.30	713.11
MW-25	729.81	21.4	708.41	20.27	709.54	19.62	710.19	20.71	709.10	707.79	712.60
MW-48	727.97	17.3	710.67	16.15	711.82	15.36	712.61	16.35	711.62	709.97	715.06
MW-50	727.53	17.03	710.50	15.87	711.66	15.10	712.43	16.11	711.42	709.82	714.90
MW-61	730.18	20.31	709.87	18.64	711.54	18.32	711.86	18.78	711.40	708.85	714.59
PZ2N-01	732.54	23.34	709.20	22.24	710.30	21.57	710.97	22.62	709.92	708.60	713.32
PZ2N-02	726.27	17.98	708.29	16.84	709.43	16.09	710.18	17.19	709.08	707.74	713.13
PZ2N-03	723.43	15.23	708.20	14.07	709.36	13.27	710.16	14.41	709.02	707.63	713.22
PZ2N-04	727.28	19.5	707.78	18.32	708.96	17.53	709.75	18.58	708.70	707.33	713.54
PZ2N-05	733.03	24.31	708.72	23.26	709.77	22.69	710.34	23.72	709.31	708.12	712.64
PZ2N-06	726.37	17.85	708.52	16.68	709.69	15.88	710.49	16.96	709.41	708.00	713.47
PZ2N-07A	724.26	15.48	708.78	14.32	709.94	13.52	710.74	14.61	709.65	708.24	713.38
PZ2N-07B	724.31	15.57	708.74	14.41	709.90	13.60	710.71	14.69	709.62	708.21	713.38
PZ2N-08	723.46	15.23	708.23	14.06	709.40	13.26	710.20	14.38	709.08	707.62	713.22
PZ2N-09	726.38	17.79	708.59	16.68	709.70	15.94	710.44	17.03	709.35	708.00	713.14
PZ2N-10	736.59	24.98	711.61	23.55	713.04	22.71	713.88	23.45	713.14	710.66	716.32
PZ2N-11	736.58	23.65	712.93	22.39	714.19	21.48	715.10	22.36	714.22	712.00	717.67
PZ2N-12A	727.16	18.41	708.75	17.29	709.87	16.59	710.57	17.66	709.50	708.17	713.08
PZ2N-12B	727.16	18.4	708.76	17.29	709.87	16.60	710.56	17.68	709.48	708.18	713.09
PZ2N-13A	730.56	21.5	709.06	20.38	710.18	19.65	710.91	20.71	709.85	708.49	713.32
PZ2N-13B	730.56	21.49	709.07	20.38	710.18	19.65	710.91	20.72	709.84	708.49	713.34
PZ2N-14	735.60	21.03	714.57	19.86	715.74	19.35	716.25	20.33	715.27	713.82	718.89
PZ2N-15A	731.36	22.01	709.35	20.83	710.53	19.95	711.41	21.01	710:35	708.73	713.97
PZ2N-15B	731.25	21.9	709.35	20.73	710.52	19.84	711.41	20.89	710.36	708.72	713.96
EW2N-1	731.08	21.78	709.30	22.25	708.83	20.11	710.97	NM	NM	708.61	712.23
EW2N-2	726.04	18.58	707.46	19.07	706.97	16.72	709.32	17.43	708.61	706.79	711.70
EW2N-3	722.34	16.28	706.06	16.74	705.60	14.20	708.14	15.51	706.83	705.40	711.79
EW2N-4	727.12	20.05	707.07	21.27	705.85	19.68	707.44	20.74	706.38	705.50	712.07

Notes:

(1) Current Reference Elevation.

(2) ft BTOC - feet below reference elevation.

(3) ft AMSL - feet above mean sea level.

(4) Not Measured

TABLE 5
SUMMARY OF HYDRAULIC MONITORING
SPACE LEASING
FISHER-CALO SITE

Well ID	Reference Elevation	February 28, 2002		May 13, 2002		August 21, 2002		November 6, 2002		Historical Minimum	Historical Maximum
	(ft AMSL) (1)	(ft BTOC)(2)	(ft AMSL)(3)	(ft BTOC)(2)	(ft AMSL)(3)	(ft BTOC)(2)	(ft AMSL)(3)	(ft BTOC)(2)	(ft AMSL)(3)	(ft AMSL)(2)	(ft AMSL)(2)
CRA-35A	732.02	14.15	717.87	12.48	719.54	12.89	719.13	14.16	717.86	716.96	723.05
CRA-35B	732.16	14.22	717.94	12.57	719.59	12.99	719.17	14.24	717.92	717.01	723.09
CRA-36A	736.99	18.95	718.04	17.37	719.62	17.67	719.32	18.92	718.07	717.14	723.22
CRA-36B	737.71	19.68	718.03	18.09	719.62	18.38	719.33	19.64	718.07	717.13	723.24
CRA-38	730.75	12.72	718.03	11.08	719.67	11.51	719.24	12.77	717.98	717.06	723.15
CRA-39	729.31	11.83	717.48	10.14	719.17	10.45	718.86	11.87	717.44	716.57	722.67
CRA-39B	729.54	12.14	717.40	10.42	719.12	10.72	718.82	12.11	717.43	716.55	722.65
CRA-40	737.96	19.96	718.00	18.42	719.54	18.65	719.31	19.89	718.07	717.12	723.19
CRA-50	729.40	12.68	716.72	10.81	718.59	11.63	717.77	12.85	716.55	715.78	721.87
CRA-51	728.02	12.05	715.97	10.11	717.91	10.99	717.03	12.22	715.80	715.04	721.15
CRA-52	729.73	14.11	715.62	12.24	717.49	13.01	716.72	14.24	715.49	714.69	721.15
CRA-53	729.26	12.76	716.50	11.09	718.17	11.71	717.55	12.85	716.41	715.68	721.82
CRA-54	729.87	14.85	715.02	12.84	717.03	13.98	715.89	15.24	714.63	714.15	720.08
CRA-55	729.29	14.03	715.26	12.12	717.17	13.08	716.21	14.35	714.94	714.41	720.41
CRA-56	728.84	13.31	715.53	11.18	717.66	12.51	716.33	13.72	715.12	714.55	720.46
CRA-57	724.46	10.24	714.22	8.04	716.42	9.54	714.92	10.46	714.00	713.33	718.94
CRA-61	722.62	7.62	715.00	5.44	717.18	6.88	715.74	8.03	714.59	714.07	718.73
MW-67	738.31	20.20	718.11	18.37	719.94	18.54	719.77	19.78	718.53	717.53	723.56
MW-69	729.62	11.39	718.23	9.72	719.90	10.15	719.47	11.40	718.22	717.29	723.35
MW-70	734.31	16.55	717.76	14.95	719.36	15.26	719.05	16.53	717.78	716.88	722.97
PZSL-01	725.77	10.20	715.57	8.26	717.51	9.12	716.65	10.37	715.40	714.65	720.67
PZSL-02	729.42	13.93	715.49	12.05	717.37	12.83	716.59	14.07	715.35	714.50	721.07
PZSL-03	724.39	10.20	714.19	8.03	716.36	9.48	714.91	10.65	713.74	713.28	718.91
PZSL-04	728.23	14.11	714.12	11.98	716.25	13.37	714.86	14.55	713.68	713.25	719.17
PZSL-05A	723.81	9.30	714.51	7.12	716.69	8.62	715.19	9.76	714.05	713.58	719.19
PZSL-05B	723.81	9.28	714.53	7.09	716.72	8.60	715.21	9.78	714.05	713.59	719.19
PZSL-06	729.90	15.63	714.27	13.59	716.31	14.85	715.05	16.08	714.03	713.42	719.15
PZSL-07	733.54	17.60	715.94	15.92	717.62	16.52	717.02	17.77	715.77	715.14	721.25
PZSL-08A	727.01	11.35	715.66	9.42	717.59	10.22	716.79	11.52	715.49	714.76	720.94
PZSL-08B	727.05	11.44	715.61	9.46	717.59	10.32	716.73	11.50	715.55	714.77	720.93
EWSL-1	725.11	10.46	714.65	10.23	714.88	9.22	715.89	10.51	714.60	713.91	718.44
EWSL-2	728.28	14.30	713.98	13.45	714.83	12.45	715.83	13.78	714.50	713.34	718.89
EWSL-3	723.82	10.35	713.47	10.03	713.79	9.44	714.38	10.58	713.24	712.78	716.53
EWSL-4	727.87	14.25	713.62	14.07	713.80	13.57	714.30	14.81	713.06	712.84	716.54

Notes:

(1) Current Reference Elevation.

(2) ft BTOC - feet below reference elevation.

(3) ft AMSL - feet above mean sea level.

(4) NM-Not Measured

Table 6
GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:				CRA-14	CRA-14	CRA-27B	CRA-27B	CRA-28	CRA-28 Dup.	CRA-28	CRA-31A	CRA-31A	CRA-42
Sample ID:				GW-050702-JMDE-248	GW-110602-AMDE-299	GW-050702-JMDE-244	GW-110502-AMDE-305	GW-050702-JMDE-246	GW-050702-JMDE-247	GW-110502-AMDE-308	GW-050702-JMDE-242	GW-110502-AMDE-303	GW-050702-JMDE-243
Sample Date:				5/7/02	11/6/02	5/7/02	11/5/02	5/7/02	5/7/02	11/5/02	5/7/02	11/5/02	5/7/02
Parameter	Unit	Action Level											
Volatiles													
Chloromethane	ug/L	100	DWEL	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Vinyl chloride	ug/L	2	SOW	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Bromomethane	ug/L	40	DWEL	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
1,1-Dichloroethene	ug/L	7	PMCL	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	0.67	0.8	ND (1.0)	ND (1.0)	ND (1.0)	**9.5**
Carbon disulfide	ug/L	3500	DWEL	ND(5)	ND (5.0)	ND(5)	ND (5.0)	ND (5)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)
Acetone	ug/L	3500	DWEL	ND(5)	ND (5.0)	ND(5)	ND (5.0)	ND (5)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)
Methylene chloride	ug/L	5	SOW	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
trans-1,2-Dichloroethene	ug/L	100	PMCL	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	7.9
1,1-Dichloroethane	ug/L	3500	DWEL	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	28
cis-1,2-Dichloroethene	ug/L	70	PMCL	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	0.38 J	ND (2)	ND (1.0)	ND (1.0)	ND (1.0)	**510**
2-Butanone	ug/L	21000	DWEL	ND(5)	ND (5.0)	ND(5)	ND (5.0)	ND (5)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)
Chloroform (Trichloromethane)	ug/L	100	PMCL-1	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	1.5
1,1,1-Trichloroethane	ug/L	200	SOW	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	45	44	49 J	ND (1.0)	ND (1.0)	**330**
Carbon tetrachloride	ug/L	5	PMCL	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.5)
Benzene	ug/L	5	PMCL	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.5)
1,2-Dichloroethane	ug/L	5	PMCL	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	**21**
Trichloroethene	ug/L	5	SOW	0.65	ND (1.0)	ND(1.0)	ND (1.0)	**690**	**660**	**670**	ND (1.0)	ND (1.0)	**1300**
1,2-Dichloropropane	ug/L	5	PMCL	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Bromodichloromethane	ug/L	100	PMCL-1	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	87	IWQS-2	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
4-Methyl-2-pentanone	ug/L	2800	DWEL	ND(5)	ND (5.0)	ND(5)	ND (5.0)	ND (5)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)
Toluene	ug/L	1000	PMCL	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	87	IWQS-2	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
1,1,2-Trichloroethane	ug/L	5	PMCL	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Tetrachloroethene	ug/L	5	PMCL	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Dibromochloromethane	ug/L	100	PMCL-1	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Chlorobenzene	ug/L	100	PMCL	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Ethylbenzene	ug/L	700	PMCL	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Styrene	ug/L	100	PMCL	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Bromoform	ug/L	100	PMCL-1	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	1.7	IWQS	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Xylene (total)	ug/L	10000	PMCL	ND(1.0)	ND (1.0)	ND(1.0)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)

Table 6
GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:				CRA-42	CRA-58	CRA-58	CRA-59	CRA-59	CRA-60	CRA-60	CRA-64	CRA-64	MW-36
Sample ID:				GW-110502-AMDE-304	GW-50702-JMDE-241	GW-110502-AMDE-301	GW-050802-JMDE-270	GW-110502-AMDE-309	GW-050702-JMDE-240	GW-110502-AMDE-302	GW-050702-JMDE-239	GW-110502-AMDE-300	GW-050702-JMDE-245
Sample Date:				11/5/02	5/7/02	11/5/02	5/8/02	11/5/02	5/7/02	11/5/02	5/7/02	11/5/02	5/7/02
Parameter	Unit	Action Level											
Volatiles													
Chloromethane	ug/L	100	DWEL	(ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Vinyl chloride	ug/L	2	SOW	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Bromomethane	ug/L	40	DWEL	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
1,1-Dichloroethene	ug/L	7	PMCL	**11**	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	0.97J
Carbon disulfide	ug/L	3500	DWEL	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)
Acetone	ug/L	3500	DWEL	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)
Methylene chloride	ug/L	5	SOW	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
trans-1,2-Dichloroethene	ug/L	100	PMCL	7.7	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	0.78
1,1-Dichloroethane	ug/L	3500	DWEL	30	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	9
cis-1,2-Dichloroethene	ug/L	70	PMCL	**430**	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	46
2-Butanone	ug/L	21000	DWEL	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)
Chloroform (Trichloromethane)	ug/L	100	PMCL-1	1.7	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	.33 J
1,1,1-Trichloroethane	ug/L	200	SOW	**390**	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	65
Carbon tetrachloride	ug/L	5	PMCL	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Benzene	ug/L	5	PMCL	0.57 J	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
1,2-Dichloroethane	ug/L	5	PMCL	**18**	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	1.6
Trichloroethene	ug/L	5	SOW	**1400**	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	**98**
1,2-Dichloropropane	ug/L	5	PMCL	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	.54 J
Bromodichloromethane	ug/L	100	PMCL-1	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
4-Methyl-2-pentanone	ug/L	2800	DWEL	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)
Toluene	ug/L	1000	PMCL	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
1,1,2-Trichloroethane	ug/L	5	PMCL	0.79 J	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Tetrachloroethene	ug/L	5	PMCL	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	**13**
Dibromochloromethane	ug/L	100	PMCL-1	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Chlorobenzene	ug/L	100	PMCL	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Ethylbenzene	ug/L	700	PMCL	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Styrene	ug/L	100	PMCL	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Bromoform	ug/L	100	PMCL-1	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	1.7	IWQS	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Xylene (total)	ug/L	10000	PMCL	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)

Table 6
GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:				MW-36	MW-36 (Dup.)	EW1N-1	EW1N-1	EW1N-2	EW1N-2	EW1N-4	EW1N-4
Sample ID:				GW-110502-AMDE-306	GW-110502-AMDE-307	EW-050802-JMDE-262	GW-110502-AMDE-310	EW-050802-JMDE-261	GW-110502-AMDE-311	EW-050802-JMDE-263	GW-110502-AMDE-312
Sample Date:				11/5/02	11/5/02	5/8/02	11/5/02	5/8/02	11/5/02	5/8/02	11/5/02
Parameter	Unit	Action Level									
Volatiles											
Chloromethane	ug/L	100	DWEL	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Vinyl chloride	ug/L	2	SOW	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Bromomethane	ug/L	40	DWEL	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
1,1-Dichloroethene	ug/L	7	PMCL	ND (1.0)	ND (1.0)	.36 J	ND (1.0)	0..83	0.72 J	.51 J	ND (1.0)
Carbon disulfide	ug/L	3500	DWEL	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Acetone	ug/L	3500	DWEL	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Methylene chloride	ug/L	5	SOW	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
trans-1,2-Dichloroethene	ug/L	100	PMCL	0.79 J	0.82 J	ND (1.0)	ND (1.0)	.58 J	0.59 J	ND (1.0)	ND (1.0)
1,1-Dichloroethane	ug/L	3500	DWEL	5.9	6.0	0.88 J	0.90 J	3	2.5	ND (1.0)	ND (1.0)
cis-1,2-Dichloroethene	ug/L	70	PMCL	55	58	0.39 J	0.56 J	30	29	2.1	2.2
2-Butanone	ug/L	21000	DWEL	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	100	PMCL-1	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
1,1,1-Trichloroethane	ug/L	200	SOW	51	56	14	14	22	21	2.5	3.2
Carbon tetrachloride	ug/L	5	PMCL	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Benzene	ug/L	5	PMCL	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
1,2-Dichloroethane	ug/L	5	PMCL	1.1	1.1	ND (1.0)	ND (1.0)	2.2	2.0	ND (1.0)	ND (1.0)
Trichloroethene	ug/L	5	SOW	**100**	**97**	**40**	**39**	**74**	**64**	ND (1.0)	ND (1.0)
1,2-Dichloropropane	ug/L	5	PMCL	0.57 J	0.54 J	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Bromodichloromethane	ug/L	100	PMCL-1	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
4-Methyl-2-pentanone	ug/L	2800	DWEL	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Toluene	ug/L	1000	PMCL	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
1,1,2-Trichloroethane	ug/L	5	PMCL	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Tetrachloroethene	ug/L	5	PMCL	**9.5**	**8.3**	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Dibromochloromethane	ug/L	100	PMCL-1	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Chlorobenzene	ug/L	100	PMCL	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Ethylbenzene	ug/L	700	PMCL	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Styrene	ug/L	100	PMCL	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Bromoform	ug/L	100	PMCL-1	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	1.7	IWQS	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Xylene (total)	ug/L	10000	PMCL	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)

Notes:
U - The parameter was not detected above the reporting limit The reporting limit is an estimated limit.
J - The associated result is an estimated quantity.
SOW - Scope of Work for Remedial Design and Remedial Action at the Fisher-Calo Site, Kingsbury, Indiana.
PMCL - Primary Maximum Contaminant Level (40 CFR 141).
SMCL - Secondary Maximum Contaminant Level (40 CFR 143).
IWQS - State of Indiana Water Quality Standard (Title 327-IAC).
DWEL - Health-based Drinking Water Equivalent Level, calculated using the equation: DWEL (ug/L) = [RFD (mg/kg-day) * 70kg] * 100 + 2L/day
This standard is calculated for a 70 kg individual who consumes 2L of water per day and it is based on the reference dose
which is a benchmark daily intake for chemical X not like associated with adverse health effects.
TQL - Target Quantitation Limit. The target quantitation limit for this parameter, which is achievable by the analytical laboratory, will be used
as the tentative action level. Table 2.2 of the OM &M Plan QAPP presents a list of the target quantitation limits for these parameters.
PMCL - 1 - Action Level for this parameter represents the sum of trihalomethane detections including:bromochloromethane, bromoform, chloroform, and dibromochloromethane.
IWQS - 2 - Action Level for this parameter represents the sum of the dichlofopropene detections including:1,2 - dichloropropene and 1,3 - dichloropropene (cis - and trans - isomers).
DWEL - 3 - Reference Dose (RFD) value for anthracene was used as a standard value for polycyclic aromatic hydrocarbons (PAHs) with no available RFDs.
(Reference: USEPA Integrated Risk System Database [IRIS], January 1996.)
BOLD - Constituents that exceed action levels

TABLE 7
GROUNDWATER CHARACTERIZATION
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Sample Location:				*CRA-20A*	*CRA-20A*	*CRA-22A*	*CRA-22A*	*CRA-23*	*CRA-23*	*CRA-24A*	*CRA-24A*	*CRA-24B*
Sample ID:				*GW-050702-JMDE-269*	*GW-110502-RKTA-297*	*GW-050902-TA-276*	*GW-110502-RKTA-296*	*GW-050702-TA-251*	*GW-110502-RKTA-298*	*GW-050702-JMDE-249*	*GW-110502-RKTA-293*	*GW-050702-JMDE-260*
Sample Date:				5/7/02	11/5/02	5/9/02	11/5/02	5/7/02	11/5/02	5/7/02	11/5/02	5/7/02
Area:												
Parameter	*Unit*	*Action Level*										
Volatiles												
Chloromethane	ug/L	100	DWEL	1	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
Vinyl chloride	ug/L	2	SOW	23	42	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
Bromomethane	ug/L	40	DWEL	1	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
1,1-Dichloroethene	ug/L	7	PMCL	1.2	2.3	1.6	1.8	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
Carbon disulfide	ug/L	3500	DWEL	5	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)
Acetone	ug/L	3500	DWEL	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)
Methylene chloride	ug/L	5	SOW	1	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
trans-1,2-Dichloroethene	ug/L	100	PMCL	19	50	0.97 J	1.1	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
1,1-Dichloroethane	ug/L	3500	DWEL	200	510	36	47	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
cis-1,2-Dichloroethene	ug/L	70	PMCL	330	880	7.4	8.9	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
2-Butanone	ug/L	21000	DWEL	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)
Chloroform (Trichloromethane)	ug/L	100	PMCL-1	ND (1)	ND (1.0)	1.3	2.4	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
1,1,1-Trichloroethane	ug/L	200	SOW	59	110	83	110	ND (1)	ND (1.0)	7.1	7.2	ND (1)
Carbon tetrachloride	ug/L	5	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
Benzene	ug/L	5	PMCL	1.3	2.9	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
1,2-Dichloroethane	ug/L	5	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
Trichloroethene	ug/L	5	SOW	6.7	17	98	120	ND (1)	ND (1.0)	4.4	3.3	0.73 J
1,2-Dichloropropane	ug/L	5	PMCL	0.66J	1.4	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
Bromodichloromethane	ug/L	100	PMCL-1	1	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
cis-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
4-Methyl-2-pentanone	ug/L	2800	DWEL	5	ND (5.0)	ND (1)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)
Toluene	ug/L	1000	PMCL	0.35 J	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
trans-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
1,1,2-Trichloroethane	ug/L	5	PMCL	ND (1)	0.60 J	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
Tetrachloroethene	ug/L	5	PMCL	0.45 J	1.1	3.9	4.5	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
Dibromochloromethane	ug/L	100	PMCL-1	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
Chlorobenzene	ug/L	100	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
Ethylbenzene	ug/L	700	PMCL	14	25	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
Styrene	ug/L	100	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
Bromoform	ug/L	100	PMCL-1	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
1,1,2,2-Tetrachloroethane	ug/L	1.7	IWQS	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
Xylene (total)	ug/L	10000	PMCL	3.6	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)

TABLE 7
GROUNDWATER CHARACTERIZATION
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Sample Location:				*CRA-24B*	*CRA-25*	*CRA-25*	*CRA-34A*	*CRA-34A*	*CRA-34B*	*CRA-34B*	*EW1S-1*	*EW1S-1 Dup.*
Sample ID:				*GW-110502-RKTA-294*	*GW-050702-TA-250*	*GW-110502-RKTA-295*	*GW-050702-TA-252*	*GW-110502-RKTA-291*	*GW-050702-TA-253*	*GW-110502-RKTA-292*	*EW-050802-JMWF-267*	*EW-050802-JMWF-268*
Sample Date:				*11/5/02*	*5/7/02*	*11/5/02*	*5/7/02*	*11/5/02*	*5/7/02*	*11/5/02*	*5/8/02*	*5/8/02*
Area:												
Parameter	*Unit*	*Action Level*										
Volatiles												
Chloromethane	ug/L	100	DWEL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1)
Vinyl chloride	ug/L	2	SOW	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	**10**	**11**
Bromomethane	ug/L	40	DWEL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1)
1,1-Dichloroethene	ug/L	7	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	0.34J
Carbon disulfide	ug/L	3500	DWEL	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5)
Acetone	ug/L	3500	DWEL	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5)
Methylene chloride	ug/L	5	SOW	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1)
trans-1,2-Dichloroethene	ug/L	100	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	7.5	7.7
1,1-Dichloroethane	ug/L	3500	DWEL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	100	93
cis-1,2-Dichloroethene	ug/L	70	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	49	46
2-Butanone	ug/L	21000	DWEL	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5)
Chloroform (Trichloromethane)	ug/L	100	PMCL-1	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1)
1,1,1-Trichloroethane	ug/L	200	SOW	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	11	12
Carbon tetrachloride	ug/L	5	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1)
Benzene	ug/L	5	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	0.41J	0.45 J
1,2-Dichloroethane	ug/L	5	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	**6.2**	**6.7**
Trichloroethene	ug/L	5	SOW	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	1.5	1.6
1,2-Dichloropropane	ug/L	5	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1)
Bromodichloromethane	ug/L	100	PMCL-1	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1)
cis-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1)
4-Methyl-2-pentanone	ug/L	2800	DWEL	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5)
Toluene	ug/L	1000	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1)
trans-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1)
1,1,2-Trichloroethane	ug/L	5	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1)
Tetrachloroethene	ug/L	5	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1)
Dibromochloromethane	ug/L	100	PMCL-1	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1)
Chlorobenzene	ug/L	100	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1)
Ethylbenzene	ug/L	700	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	0.48J	0.52 J
Styrene	ug/L	100	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1)
Bromoform	ug/L	100	PMCL-1	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1)
1,1,2,2-Tetrachloroethane	ug/L	1.7	IWQS	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1)
Xylene (total)	ug/L	10000	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1)

TABLE 7
GROUNDWATER CHARACTERIZATION
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Sample Location:				*EW1S-1*	*EW1S-1 Dup.*	*EW1S-2*	*EW1S-2*	*EW1S-3*	*EW1S-3*	*EW1S-4*	*EW1S-4*
Sample ID:				*GW-110502-RKTA-330*	*GW-110502-RKTA-331*	*EW-050802-JMWF-266*	*GW-110502-RKTA-332*	*EW-050802-JMWF-265*	*GW-110502-RKTA-333*	*EW-050802-JMWF-264*	*GW-110502-RKTA-334*
Sample Date:				*11/6/02*	*11/6/02*	*5/8/02*	*11/6/02*	*5/8/02*	*11/6/02*	*5/8/02*	*11/6/02*
Area:											
Parameter	*Unit*	*Action Level*									
Volatiles											
Chloromethane	ug/L	100	DWEL	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Vinyl chloride	ug/L	2	SOW	**10**	**10**	**100**	**69**	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Bromomethane	ug/L	40	DWEL	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
1,1-Dichloroethene	ug/L	7	PMCL	ND (1.0)	ND (1.0)	3.3	2.4	4.5	3.2	1.5	ND (1.0)
Carbon disulfide	ug/L	3500	DWEL	ND (5.0)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)
Acetone	ug/L	3500	DWEL	ND (5.0)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)
Methylene chloride	ug/L	5	SOW	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
trans-1,2-Dichloroethene	ug/L	100	PMCL	7.8	8.1	22	22	ND (1)	ND (1.0)	.36J	ND (1.0)
1,1-Dichloroethane	ug/L	3500	DWEL	120	120	420	390	15	14	17	15
cis-1,2-Dichloroethene	ug/L	70	PMCL	59	60	**370**	**360**	3.7	3.8	5.9	5.8
2-Butanone	ug/L	21000	DWEL	ND (5.0)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	100	PMCL-1	ND (1.0)	ND (1.0)	0.53J	0.61	8.5	7.0	1.3J	0.87 J
1,1,1-Trichloroethane	ug/L	200	SOW	13	13	78	76	110	100	25J	21
Carbon tetrachloride	ug/L	5	PMCL	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Benzene	ug/L	5	PMCL	ND (1.0)	ND (1.0)	0.93	1.0 J	ND (1)	ND (1.0)	ND (1)	ND (1.0)
1,2-Dichloroethane	ug/L	5	PMCL	**6.5**	**6.9**	ND (1)	1.3	ND (1)	ND (1.0)	ND (1)	0.60 J
Trichloroethene	ug/L	5	SOW	1.8	1.9	**81**	**78**	**140**	**140**	**5.3**	**5.5**
1,2-Dichloropropane	ug/L	5	PMCL	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Bromodichloromethane	ug/L	100	PMCL-1	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
4-Methyl-2-pentanone	ug/L	2800	DWEL	ND (5.0)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)
Toluene	ug/L	1000	PMCL	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
1,1,2-Trichloroethane	ug/L	5	PMCL	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Tetrachloroethene	ug/L	5	PMCL	ND (1.0)	ND (1.0)	3.7	4.3	**9.2**	**12**	**20**	**22**
Dibromochloromethane	ug/L	100	PMCL-1	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Chlorobenzene	ug/L	100	PMCL	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Ethylbenzene	ug/L	700	PMCL	0.58 J	0.68 J	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Styrene	ug/L	100	PMCL	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Bromoform	ug/L	100	PMCL-1	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	1.7	IWQS	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Xylene (total)	ug/L	10000	PMCL	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)

Notes:

U - The parameter was not detected above the reporting limit The reporting limit is an estimated limit.

J - The associated result is an estimated quantity.

SOW - Scope of Work for Remedial Design and Remedial Action at the Fisher-Calo Site, Kingsbury, Indiana.

PMCL - Primary Maximum Contaminant Level (40 CFR 141).

SMCL - Secondary Maximum Contaminant Level (40 CFR 143).

IWQS - State of Indiana Water Quality Standard (Title 327-IAC).

DWEL - Health-based Drinking Water Equivalent Level, calculated using the equation: DWEL (ug/L) = [RFD (mg/kg-day) * 70kg] * 100 ÷ 2L/day

This standard is calculated for a 70 kg individual who consumes 2L of water per day and it is based on the reference dose which is a benchmark daily intake for chemical X not like associated with adverse health effects.

TQL - Target Quantitation Limit. The target quantitation limit for this parameter, which is achievable by the analytical laboratory, will be used as the tentative action level. Table 2.2 of the OM &M Plan QAPP presents a list of the target quantitation limits for these parameters.

PMCL - 1 - Action Level for this parameter represents the sum of trihalomethane detections including:bromochloromethane, bromoform, chloroform, and dibromochloromethane.

IWQS - 2 - Action Level for this parameter represents the sum of the dichlofopropene detections including:1,2 - dichloropropene and 1,3 - dichloropropene (cis - and trans - isomers).

DWEL - 3 - *Reference Dose (RFD) value for anthracene was used as a standard value for polycyclic aromatic hydrocarbons (PAHs) with no available RFDs.*

(Reference: USEPA Integrated Risk System Database [IRIS], January 1996.)

BOLD - Constituents that exceed action levels

Table 8
GROUNDWATER CHARACTERIZATION
TWO LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:				*EW2N-2*	*EW2N-2*	*EW2N-3*	*EW2N-3 Dup.*	*EW2N-3*	*EW2N-4*	*EW2N-4*
Sample ID:				*EW-050802-TA-254*	*GW-110602-AMDE-319*	*EW-050802-TA-255*	*EW-050802-TA-256*	*GW-110602-AMDE-320*	*EW-050802-TA-257*	*GW-110602-AMDE-321*
Sample Date:				*5/8/02*	*11/6/02*	*5/8/02*	*5/8/02*	*11/6/02*	*5/8/02*	*11/6/02*
Area:										
Parameter	*Unit*	*Action Level*								
Volatiles										
Chloromethane	ug/L	100	DWEL	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Vinyl chloride	ug/L	2	SOW	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Bromomethane	ug/L	40	DWEL	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
1,1-Dichloroethene	ug/L	7	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	1.3	1.2
Carbon disulfide	ug/L	3500	DWEL	ND (5)	ND (5.0)	ND (5)	ND (5)	ND (5.0)	ND (5)	ND (5.0)
Acetone	ug/L	3500	DWEL	ND (5)	ND (5.0)	ND (5)	ND (5)	ND (5.0)	ND (5)	ND (5.0)
Methylene chloride	ug/L	5	SOW	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
trans-1,2-Dichloroethene	ug/L	100	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
1,1-Dichloroethane	ug/L	3500	DWEL	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	2.2	2.3
cis-1,2-Dichloroethene	ug/L	70	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	18	19
2-Butanone	ug/L	21000	DWEL	ND (5)	ND (5.0)	ND (5)	ND (5)	ND (5.0)	ND (5)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	100	PMCL-1	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
1,1,1-Trichloroethane	ug/L	200	SOW	ND (1)	ND (1.0)	0.81J	0.85J	ND (1.0)	27	36
Carbon tetrachloride	ug/L	5	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Benzene	ug/L	5	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
1,2-Dichloroethane	ug/L	5	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Trichloroethene	ug/L	5	SOW	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	3.0
1,2-Dichloropropane	ug/L	5	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Bromodichloromethane	ug/L	100	PMCL-1	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
4-Methyl-2-pentanone	ug/L	2800	DWEL	ND 5)	ND (5.0)	ND 5)	ND 5)	ND (5.0)	ND (5)	ND (5.0)
Toluene	ug/L	1000	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
1,1,2-Trichloroethane	ug/L	5	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Tetrachloroethene	ug/L	5	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Dibromochloromethane	ug/L	100	PMCL-1	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Chlorobenzene	ug/L	100	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Ethylbenzene	ug/L	700	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Styrene	ug/L	100	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Bromoform	ug/L	100	PMCL-1	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	1.7	IWQS	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Xylene (total)	ug/L	10000	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1)	ND (1.0)	ND (1)	ND (1.0)

Notes:

U - The parameter was not detected above the reporting limit The reporting limit is an estimated limit.

J - The associated result is an estimated quantity.

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This standard is calculated for a 70 kg individual who consumes 2L of water per day and it is based on the reference dose
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TQL - Target Quantitation Limit. The target quantitation limit for this parameter, which is achievable by the analytical laboratory, will be used
as the tentative action level. Table 2.2 of the OM &M Plan QAPP presents a list of the target quantitation limits for these parameters.

PMCL - 1 - *Action Level for this parameter represents the sum of trihalomethane detections including:*bromochloromethane, bromoform, chloroform, and

IWQS - 2 - Action Level for this parameter represents the sum of the dichlofopropene detections including:1,2 - dichloropropene and 1,3 - dichloropropene

DWEL - 3 - Reference Dose (RFD) value for anthracene was used as a standard value for polycyclic aromatic hydrocarbons (PAHs) with no available RFDs
(Reference: USEPA Integrated Risk System Database [IRIS], January 1996.)

BOLD - Constituents that exceed action levels

Table 8
GROUNDWATER CHARACTERIZATION
TWO LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:				*CRA-16A*	*CRA-16A*	*CRA-16B*	*CRA-16B*	*CRA-33*	*CRA-33*	*CRA-48*	*CRA-48*	*CRA-48*
Sample ID:				*GW-050802-JMDE-273*	*GW-110602-AMDE-314*	*GW-050802-JMDE-274*	*GW-110602-AMDE-315*	*GW-050702-JMDE-272*	*GW-110602-AMDE-313*	*GW-051302-TA-289*	*GW-051302-TA-290*	*GW-110602-AMDE-323*
Sample Date:				5/8/02	11/6/02	5/8/02	11/6/02	5/8/02	11/6/02	5/13/02	5/13/02	11/6/02
Area:											*Duplicate*	
Parameter	*Unit*	*Action Level*										
Volatiles												
Chloromethane	ug/L	100	DWEL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Vinyl chloride	ug/L	2	SOW	ND (1)	ND (1.0)	ND (1)	ND (1.0)	9.2	6.3	ND (1)	ND (1)	ND (1.0)
Bromomethane	ug/L	40	DWEL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
1,1-Dichloroethene	ug/L	7	PMCL	7.3	6.3	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Carbon disulfide	ug/L	3500	DWEL	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (25)	ND (5.0)	ND (5)	ND (5)	ND (5.0)
Acetone	ug/L	3500	DWEL	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (25)	ND (5.0)	ND (5)	ND (5)	ND (5.0)
Methylene chloride	ug/L	5	SOW	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
trans-1,2-Dichloroethene	ug/L	100	PMCL	.52J	0.58 J	ND (1)	ND (1.0)	16	14	ND (1)	ND (1)	ND (1.0)
1,1-Dichloroethane	ug/L	3500	DWEL	6.1	5.1	ND (1)	ND (1.0)	86	49	ND (1)	ND (1)	ND (1.0)
cis-1,2-Dichloroethene	ug/L	70	PMCL	24	17	ND (1)	ND (1.0)	86	28	ND (1)	ND (1)	ND (1.0)
2-Butanone	ug/L	21000	DWEL	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (25)	ND (5.0)	ND (5)	ND (5)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	100	PMCL-1	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
1,1,1-Trichloroethane	ug/L	200	SOW	17	29	ND (1)	ND (1.0)	ND (5)	ND (1.0)	53	51	22
Carbon tetrachloride	ug/L	5	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Benzene	ug/L	5	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	17	17	ND (1)	ND (1)	ND (1.0)
1,2-Dichloroethane	ug/L	5	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	56	ND (1)	ND (1)	ND (1.0)
Trichloroethene	ug/L	5	SOW	1.1	ND (1.0)	ND (1)	ND (1.0)	ND (5)	2.3	ND (1)	ND (1)	ND (1.0)
1,2-Dichloropropane	ug/L	5	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	1.7	ND (1)	ND (1)	ND (1.0)
Bromodichloromethane	ug/L	100	PMCL-1	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
4-Methyl-2-pentanone	ug/L	2800	DWEL	ND (5)	ND (5.0)	ND (5)	ND (5.0)	25	ND (5.0)	ND (5)	ND (5)	ND (5.0)
Toluene	ug/L	1000	PMCL	ND (1)	0.73 J	ND (1)	ND (1.0)	400	420	ND (1)	ND (1)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
1,1,2-Trichloroethane	ug/L	5	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Tetrachloroethene	ug/L	5	PMCL	57	52	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Dibromochloromethane	ug/L	100	PMCL-1	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Chlorobenzene	ug/L	100	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Ethylbenzene	ug/L	700	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Styrene	ug/L	100	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Bromoform	ug/L	100	PMCL-1	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	1.7	IWQS	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Xylene (total)	ug/L	10000	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (1)	ND (1)	ND (1.0)

Table 8
GROUNDWATER CHARACTERIZATION
TWO LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:				*CRA-48*	*MW-3*	*MW-3*	*MW-9*	*MW-9*	*MW-25*	*MW-25*	*MW-48*	*MW-48*
Sample ID:				*GW-110602-AMDE-324*	*GW-050802-JMDE-271*	*GW-110602-AMDE-322*	*GW-050802-TA-258*	*GW-110602-AMDE-316*	*GW-050802-TA-259*	*GW-110602-AMDE-318*	*GW-050902-TA-275*	*GW-110602-AMDE-317*
Sample Date:				*11/6/02*	*5/8/02*	*11/6/02*	*5/8/02*	*11/6/02*	*5/8/02*	*11/6/02*	*5/9/02*	*11/6/02*
Area:				*Duplicate*								
Parameter	*Unit*	*Action Level*										
Volatiles												
Chloromethane	ug/L	100	DWEL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Vinyl chloride	ug/L	2	SOW	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Bromomethane	ug/L	40	DWEL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
1,1-Dichloroethene	ug/L	7	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Carbon disulfide	ug/L	3500	DWEL	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)
Acetone	ug/L	3500	DWEL	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)
Methylene chloride	ug/L	5	SOW	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
trans-1,2-Dichloroethene	ug/L	100	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
1,1-Dichloroethane	ug/L	3500	DWEL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
cis-1,2-Dichloroethene	ug/L	70	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
2-Butanone	ug/L	21000	DWEL	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	100	PMCL-1	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
1,1,1-Trichloroethane	ug/L	200	SOW	23	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Carbon tetrachloride	ug/L	5	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Benzene	ug/L	5	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
1,2-Dichloroethane	ug/L	5	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Trichloroethene	ug/L	5	SOW	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
1,2-Dichloropropane	ug/L	5	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Bromodichloromethane	ug/L	100	PMCL-1	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
4-Methyl-2-pentanone	ug/L	2800	DWEL	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND 5)	ND (5.0)
Toluene	ug/L	1000	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
1,1,2-Trichloroethane	ug/L	5	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Tetrachloroethene	ug/L	5	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Dibromochloromethane	ug/L	100	PMCL-1	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Chlorobenzene	ug/L	100	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Ethylbenzene	ug/L	700	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Styrene	ug/L	100	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Bromoform	ug/L	100	PMCL-1	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	1.7	IWQS	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)
Xylene (total)	ug/L	10000	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)

Table 9
GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

				CRA-39	CRA-39	CRA-39B	CRA-39B	CRA-54	CRA-54	CRA-55	CRA-55	CRA-55
Sample ID:				GW-051302-TADE-283	GW-110702-AMDE-326	GW-051302-TADE-282	GW-110702-AMDE-327	GW-051302-TADE-287	GW-110602-RKTA-337	GW-051302-TADE-285	GW-051302-TADE-286	GW-110602-RKTA-338
Sample Date:				5/13/02	11/7/02	5/13/02	11/7/02	5/13/02	11/6/02	5/13/02	5/13/02	11/6/02
Area:											Duplicate	
Parameter	*Unit*	*Action Level*										
Volatiles												
Chloromethane	ug/L	100	DWEL	ND (5)	ND (1.0)	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Vinyl chloride	ug/L	2	SOW	ND (5)	ND (1.0)	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Bromomethane	ug/L	40	DWEL	ND (5)	ND (1.0)	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
1,1-Dichloroethene	ug/L	7	PMCL	ND (5)	1.6	ND (1)	ND (1.0)	ND (25)	6.6	4	3.6	2.8
Carbon disulfide	ug/L	3500	DWEL	25	ND (5.0)	ND (5)	ND (5.0)	ND (120)	ND (5.0)	ND (5)	ND (5)	ND (5.0)
Acetone	ug/L	3500	DWEL	25	ND (5.0)	ND (5)	ND (5.0)	ND (120)	ND (5.0)	ND (5)	ND (5)	ND (5.0)
Methylene chloride	ug/L	5	SOW	ND (5)	ND (1.0)	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
trans-1,2-Dichloroethene	ug/L	100	PMCL	ND (5)	2.9	ND (1)	ND (1.0)	31	21	ND (1)	ND (1)	ND (1.0)
1,1-Dichloroethane	ug/L	3500	DWEL	49	51	ND (1)	ND (1.0)	390	140	1.1	1	0.73 J
cis-1,2-Dichloroethene	ug/L	70	PMCL	**230**	**260**	ND (1)	ND (1.0)	**1400**	**940**	ND (1)	ND (1)	ND (1.0)
2-Butanone	ug/L	21000	DWEL	ND (25)	ND (5.0)	ND (5)	ND (5.0)	ND (120)	ND (5.0)	ND (5)	ND (5)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	100	PMCL-1	ND (5)	ND (1.0)	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
1,1,1-Trichloroethane	ug/L	200	SOW	24	26	ND (1)	ND (1.0)	180	95	150	140	120
Carbon tetrachloride	ug/L	5	PMCL	ND (5)	ND (1.0)	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Benzene	ug/L	5	PMCL	ND (5)	0.52 J	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
1,2-Dichloroethane	ug/L	5	PMCL	ND (5)	ND (1.0)	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Trichloroethene	ug/L	5	SOW	**320**	**460**	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	1.4
1,2-Dichloropropane	ug/L	5	PMCL	ND (5)	ND (1.0)	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Bromodichloromethane	ug/L	100	PMCL-1	ND (5)	ND (1.0)	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (5)	ND (1.0)	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
4-Methyl-2-pentanone	ug/L	2800	DWEL	ND (25)	ND (5.0)	ND (5)	ND (5.0)	ND (120)	ND (5.0)	ND (5)	ND (5)	ND (5.0)
Toluene	ug/L	1000	PMCL	ND (5)	ND (1.0)	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (5)	ND (1.0)	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
1,1,2-Trichloroethane	ug/L	5	PMCL	ND (5)	ND (1.0)	ND (1)	ND (1.0)	ND (25)	0.64 J	ND (1)	ND (1)	ND (1.0)
Tetrachloroethene	ug/L	5	PMCL	**14**	**27**	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Dibromochloromethane	ug/L	100	PMCL-1	ND (5)	ND (1.0)	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Chlorobenzene	ug/L	100	PMCL	ND (5)	ND (1.0)	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Ethylbenzene	ug/L	700	PMCL	4.1J	4.2	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Styrene	ug/L	100	PMCL	ND (5)	ND (1.0)	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Bromoform	ug/L	100	PMCL-1	ND (5)	ND (1.0)	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	1.7	IWQS	ND (5)	ND (1.0)	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)
Xylene (total)	ug/L	10000	PMCL	ND (5)	ND (1.0)	ND (1)	ND (1.0)	ND (25)	ND (1.0)	ND (1)	ND (1)	ND (1.0)

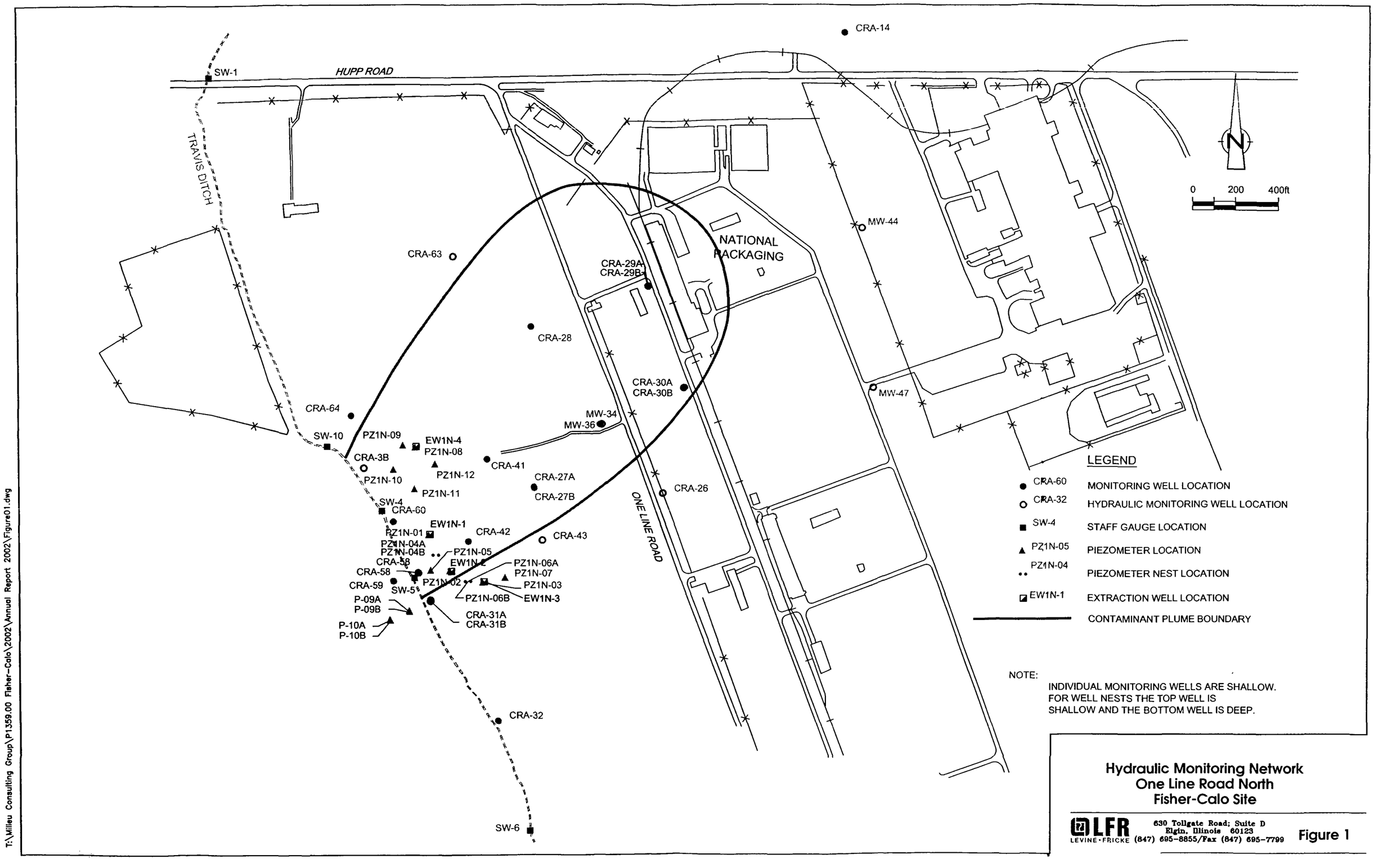
Table 9
GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample ID:				CRA-57 GW-051302-TADE-284	CRA-57 GW-110602-RKTA-335	CRA-61 GW-051302-TADE-288	CRA-61 GW-110602-RKTA-336	MW-67 GW-051302-TADE-281	MW-67 GW-110702-AMDE-325	EWSL-1 EW-051302-TA280	EWSL-1 GW-110702-AMDE-339	EWSL-2 EW-051302-TA-279
Sample Date:				*5/13/02*	*11/6/02*	*5/13/02*	*11/6/02*	*5/13/02*	*11/7/02*	*5/13/02*	*11/7/02*	*5/13/02*
Area:												
Parameter	*Unit*	*Action Level*										
Volatiles												
Chloromethane	ug/L	100	DWEL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (5)
Vinyl chloride	ug/L	2	SOW	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (5)
Bromomethane	ug/L	40	DWEL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (5)
1,1-Dichloroethene	ug/L	7	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	2.0	5.4
Carbon disulfide	ug/L	3500	DWEL	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (25)	ND (5.0)	ND (25)
Acetone	ug/L	3500	DWEL	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (25)	ND (5.0)	ND (25)
Methylene chloride	ug/L	5	SOW	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (5)
trans-1,2-Dichloroethene	ug/L	100	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	6.7	8.6	3.1J
1,1-Dichloroethane	ug/L	3500	DWEL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	100	100	66
cis-1,2-Dichloroethene	ug/L	70	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	**230**	**300**	**210**
2-Butanone	ug/L	21000	DWEL	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (25)	ND (5.0)	ND (25)
Chloroform (Trichloromethane)	ug/L	100	PMCL-1	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (5)
1,1,1-Trichloroethane	ug/L	200	SOW	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	2.2	**210**
Carbon tetrachloride	ug/L	5	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (5)
Benzene	ug/L	5	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	0.85 J	ND (5)
1,2-Dichloroethane	ug/L	5	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (5)
Trichloroethene	ug/L	5	SOW	ND (1)	1.4	ND (1)	ND (1.0)	ND (1)	ND (1.0)	**13**	**12**	**97**
1,2-Dichloropropane	ug/L	5	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (5)
Bromodichloromethane	ug/L	100	PMCL-1	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (5)
cis-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (5)
4-Methyl-2-pentanone	ug/L	2800	DWEL	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (5)	ND (5.0)	ND (25)	ND (5.0)	ND (25)
Toluene	ug/L	1000	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (5)
trans-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (5)
1,1,2-Trichloroethane	ug/L	5	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (5)
Tetrachloroethene	ug/L	5	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	**6.9**
Dibromochloromethane	ug/L	100	PMCL-1	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (5)
Chlorobenzene	ug/L	100	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (5)
Ethylbenzene	ug/L	700	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (5)
Styrene	ug/L	100	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (5)
Bromoform	ug/L	100	PMCL-1	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (5)
1,1,2,2-Tetrachloroethane	ug/L	1.7	IWQS	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (5)
Xylene (total)	ug/L	10000	PMCL	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (1)	ND (1.0)	ND (5)	ND (1.0)	ND (5)

Table 9
GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample ID:				EWSL-2 GW-110702-AMDE-340	EWSL-3 EW-051302-TA-278	EWSL-3 GW-110702-AMDE-341	EWSL-3 GW-110702-AMDE-342	EWSL-4 EW-051302-TA-277	EWSL-4 GW-110702-AMDE-343
Sample Date:				*11/7/02*	*5/13/02*	*11/7/02*	*11/7/02*	*5/13/02*	*11/7/02*
Area:							*Duplicate*		
Parameter	*Unit*	*Action Level*							
Volatiles									
Chloromethane	ug/L	100	DWEL	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)
Vinyl chloride	ug/L	2	SOW	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)
Bromomethane	ug/L	40	DWEL	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)
1,1-Dichloroethene	ug/L	7	PMCL	6.5	ND (1)	ND (1.0)	ND (1.0)	0.79J	0.62 J
Carbon disulfide	ug/L	3500	DWEL	ND (5.0)	ND (5)	ND (5.0)	ND (5.0)	ND (5)	ND (5.0)
Acetone	ug/L	3500	DWEL	16	ND (5)	ND (5.0)	ND (5.0)	ND (5)	ND (5.0)
Methylene chloride	ug/L	5	SOW	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	ND (1)	0.92 J
trans-1,2-Dichloroethene	ug/L	100	PMCL	4.1	ND (1)	ND (1.0)	ND (1.0)	1.6	1.9
1,1-Dichloroethane	ug/L	3500	DWEL	55	ND (1)	ND (1.0)	ND (1.0)	120	130
cis-1,2-Dichloroethene	ug/L	70	PMCL	**290**	0.73	1 J	1.4	**84**	**100**
2-Butanone	ug/L	21000	DWEL	ND (5.0)	ND (5)	ND (5.0)	ND (5.0)	ND (5)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	100	PMCL-1	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)
1,1,1-Trichloroethane	ug/L	200	SOW	**240**	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)
Carbon tetrachloride	ug/L	5	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)
Benzene	ug/L	5	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)
1,2-Dichloroethane	ug/L	5	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	0.68J	0.55 J
Trichloroethene	ug/L	5	SOW	**87**	ND (1)	ND (1.0)	ND (1.0)	ND (1)	0.73 J
1,2-Dichloropropane	ug/L	5	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)
Bromodichloromethane	ug/L	100	PMCL-1	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)
4-Methyl-2-pentanone	ug/L	2800	DWEL	ND (5.0)	ND (5)	ND (5.0)	ND (5.0)	ND (5)	ND (5.0)
Toluene	ug/L	1000	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)
1,1,2-Trichloroethane	ug/L	5	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)
Tetrachloroethene	ug/L	5	PMCL	**12**	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)
Dibromochloromethane	ug/L	100	PMCL-1	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)
Chlorobenzene	ug/L	100	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)
Ethylbenzene	ug/L	700	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)
Styrene	ug/L	100	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)
Bromoform	ug/L	100	PMCL-1	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	1.7	IWQS	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)
Xylene (total)	ug/L	10000	PMCL	ND (1.0)	ND (1)	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)

Notes:
U - The parameter was not detected above the reporting limit The reporting limit is an estimated limit.
J - The associated result is an estimated quantity.
SOW - Scope of Work for Remedial Design and Remedial Action at the Fisher-Calo Site, Kingsbury, Indiana.
PMCL - Primary Maximum Contaminant Level (40 CFR 141).
SMCL - Secondary Maximum Contaminant Level (40 CFR 143).
IWQS - State of Indiana Water Quality Standard (Title 327-IAC).
DWEL - Health-based Drinking Water Equivalent Level, calculated using the equation: DWEL (ug/L) = [RFD (mg/kg-day) * 70kg]
This standard is calculated for a 70 kg individual who consumes 2L of water per day and it is based on the reference dose
which is a benchmark daily intake for chemical X not like associated with adverse health effects.
TQL - Target Quantitation Limit. The target quantitation limit for this parameter, which is achievable by the analytical laboratory,
as the tentative action level. Table 2.2 of the OM &M Plan QAPP presents a list of the target quantitation limits for these parameters.
PMCL - 1 - Action Level for this parameter represents the sum of trihalomethane detections including:bromochloromethane, bromof
IWQS - 2 - Action Level for this parameter represents the sum of the dichlofopropene detections including:1,2 - dichloropropene and
DWEL - 3 - Reference Dose (RFD) value for anthracene was used as a standard value for polycyclic aromatic hydrocarbons (PAHs)
(Reference: USEPA Integrated Risk System Database [IRIS], January 1996.)
BOLD - Constituents that exceed action levels

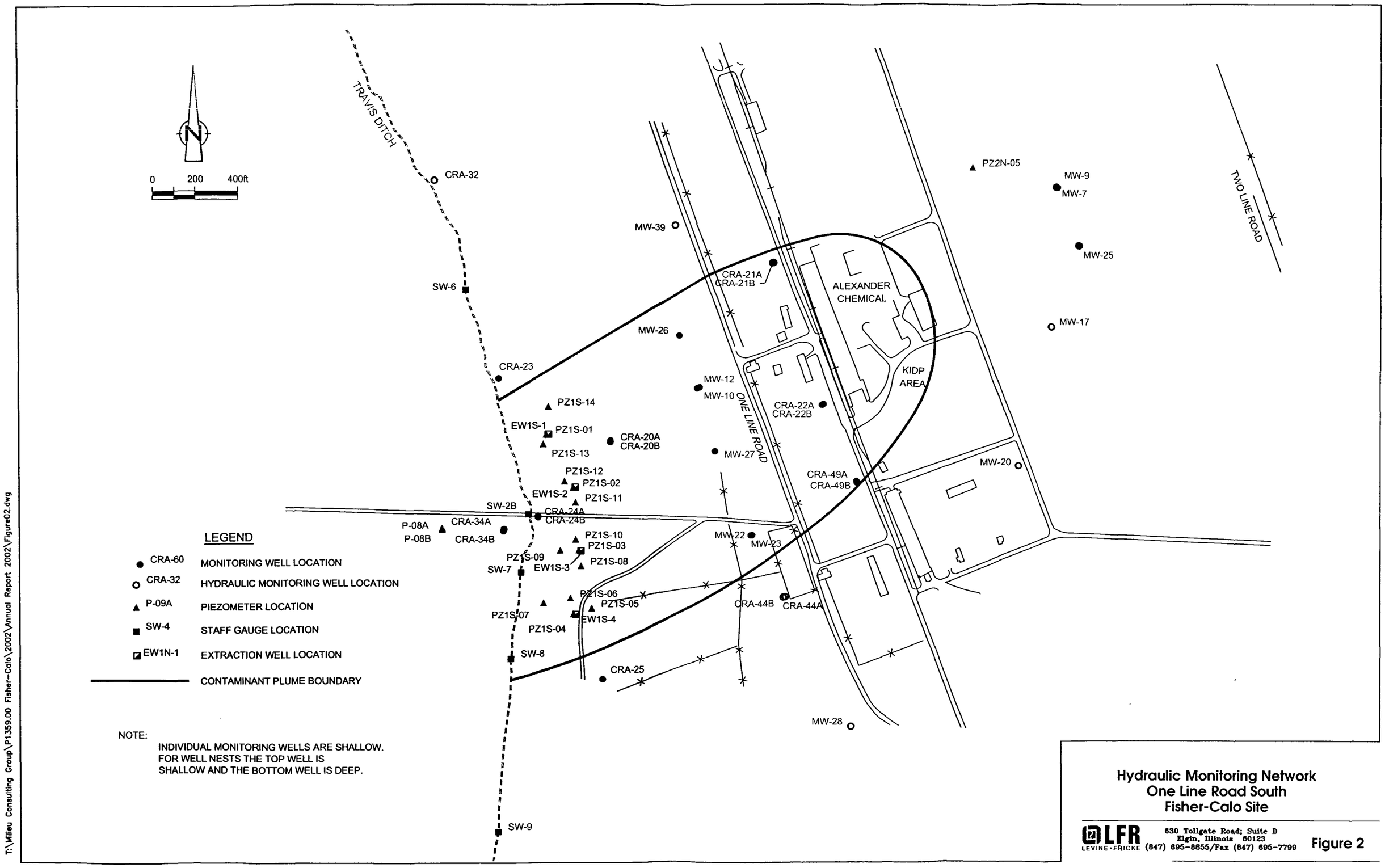


Hydraulic Monitoring Network
One Line Road North
Fisher-Calo Site

LFR LEVINE•FRICKE
630 Tollgate Road; Suite D
Elgin, Illinois 60123
(847) 695-8855/Fax (847) 695-7799

Figure 1

T:\Milieu Consulting Group\P1359.00 Fisher-Calo\2002\Annual Report 2002\Figure01.dwg



Hydraulic Monitoring Network
One Line Road South
Fisher-Calo Site

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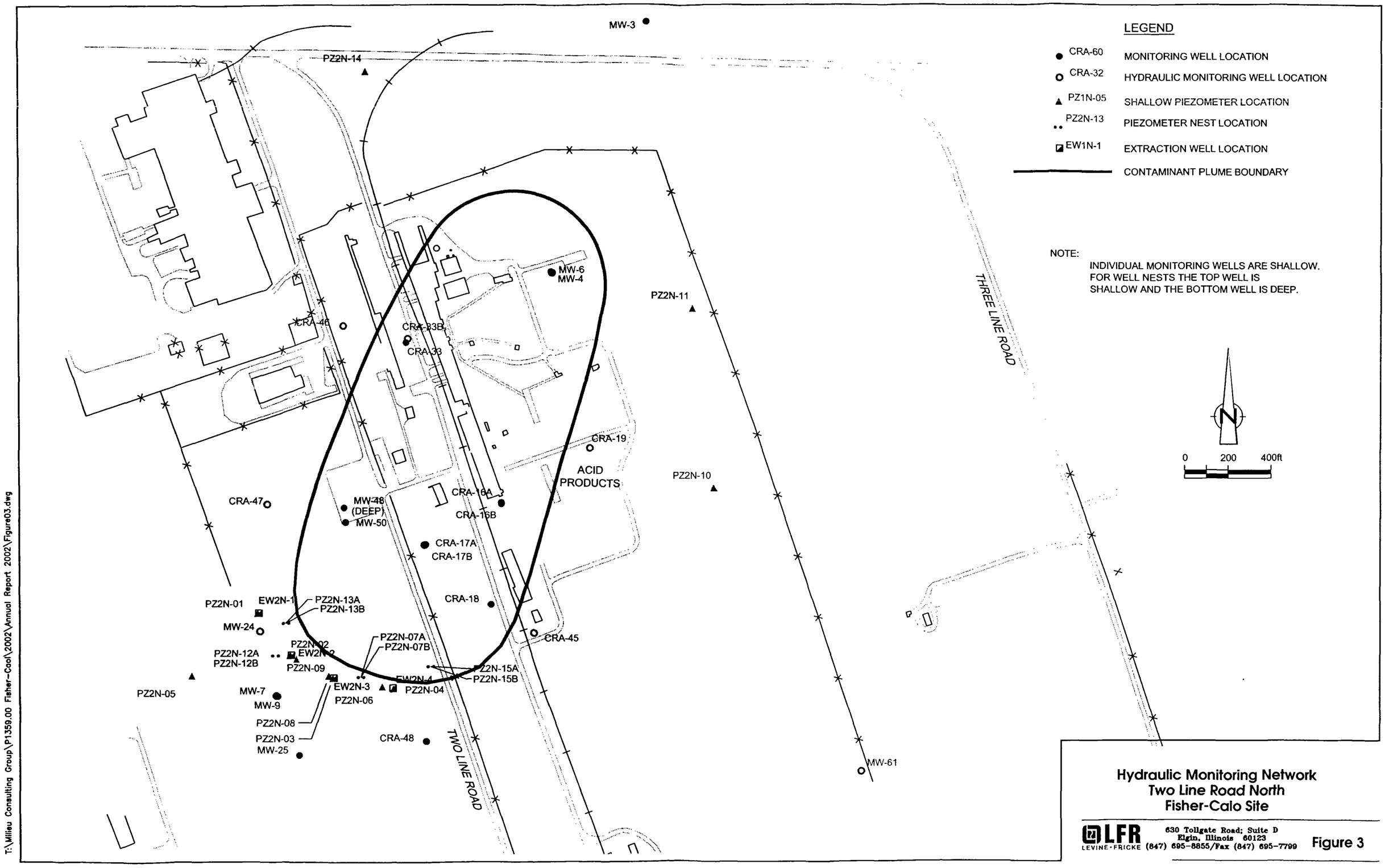
Figure 2

T:\Milieu Consulting Group\P1359.00 Fisher-Calo\2002\Annual Report 2002\Figure02.dwg



Hydraulic Monitoring Network
Two Line Road North
Fisher-Calo Site

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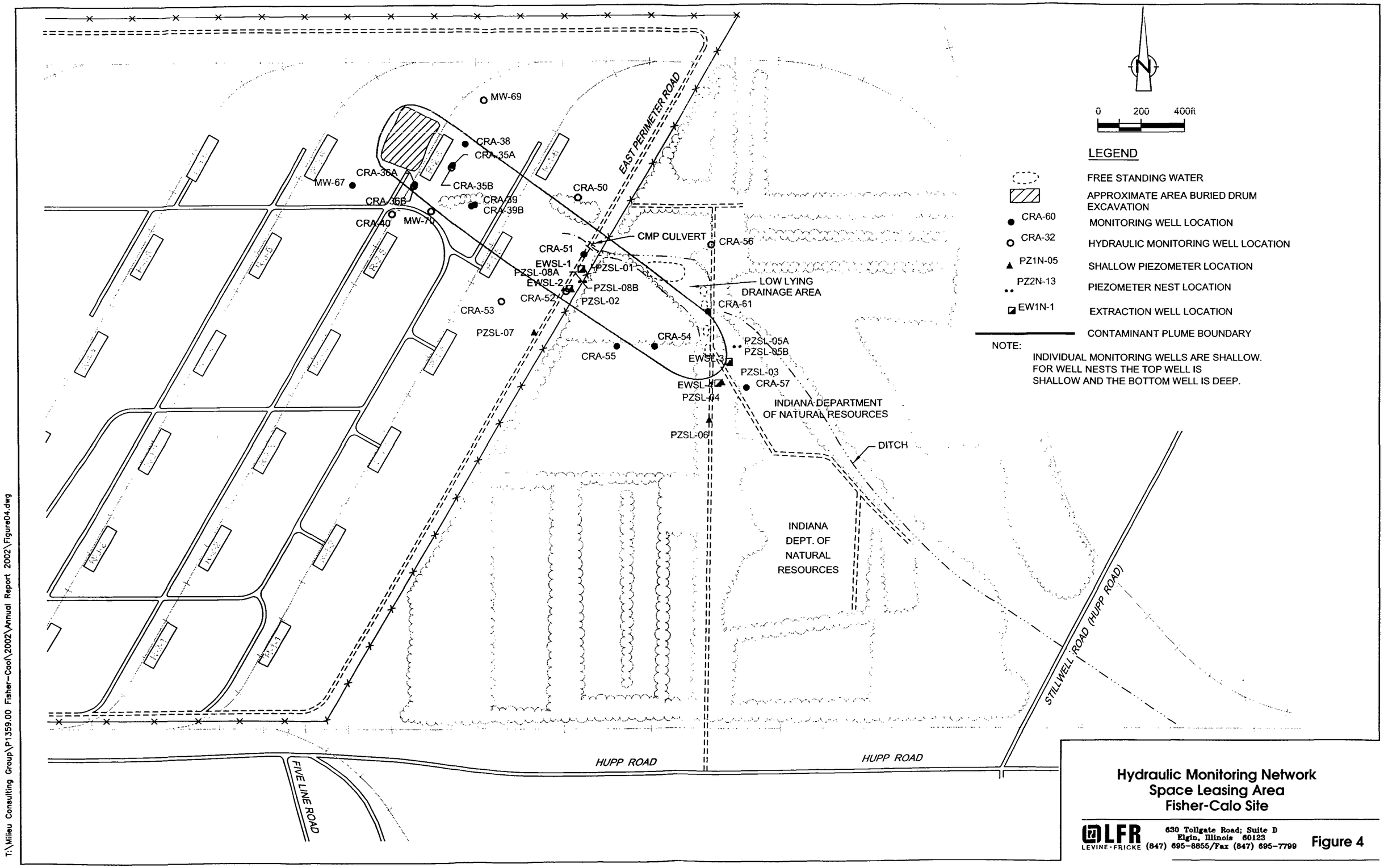
Figure 3

T:\Milieu Consulting Group\P1359.00 Fisher-Cool\2002\Annual Report 2002\Figure03.dwg



Hydraulic Monitoring Network
Space Leasing Area
Fisher-Calo Site

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Figure 4

T:\Milieu Consulting Group\P1359.00 Fisher-Cool\2002\Annual Report 2002\Figure04.dwg

ATTACHMENT I

SUMMARY OF MAINTENANCE ACTIVITIES

List of Activities Performed this Period
Table1. Routine Maintenance Activities

ATTACHMENT I

SUMMARY OF MAINTENANCE ACTIVITIES

Summary of Routine Maintenance Activities

Attached Table 1 presents the routine maintenance activities conducted in 2002.

Summary of Non-Routine Maintenance Activities

- February 2002- Replaced MSA CO_2 meter in one-line north well field control building.
- Replaced part of EW1N-1 piping in WFCB with PVC.
- March 2002 - Cleaned AS-1 and AS-3 sumps.
- Replaced main CO_2 flow meter.
- April 2002-Replaced pressure relief valves on CO_2 headers in WFCBs because of leaks.
- May 2002-Replaced part of EW2N-4, EW1S-2 andEW1S-3 piping in WFCB with PVC. Also changed globe valves to butterfly valves to decrease flow resistance and increase flow rates.
- June 2002- Replaced part of EW2N-2 andEW2N-3 piping in WFCB with PVC. Also changed globe valves to butterfly valves to decrease flow resistance and increase flow rates
- Replaced sump pump in treatment building sump.
- July 2002-Fixed leaking pipe in One Line South WFCB (EW1S-1)
- August 2002-Fixed leaking pipe in One Line North WFCB (EW1N-1)
- September 2002-Replaced pump motor at EW1S-2
- October 2002-Replaced leaking pitless adapter at EW1N-4
- November 2002-Replaced CO_2 vaporizer heating elements
- December 2002-Replaced heaters in Two Line North and Space Leasing Well Field Control Buildings.

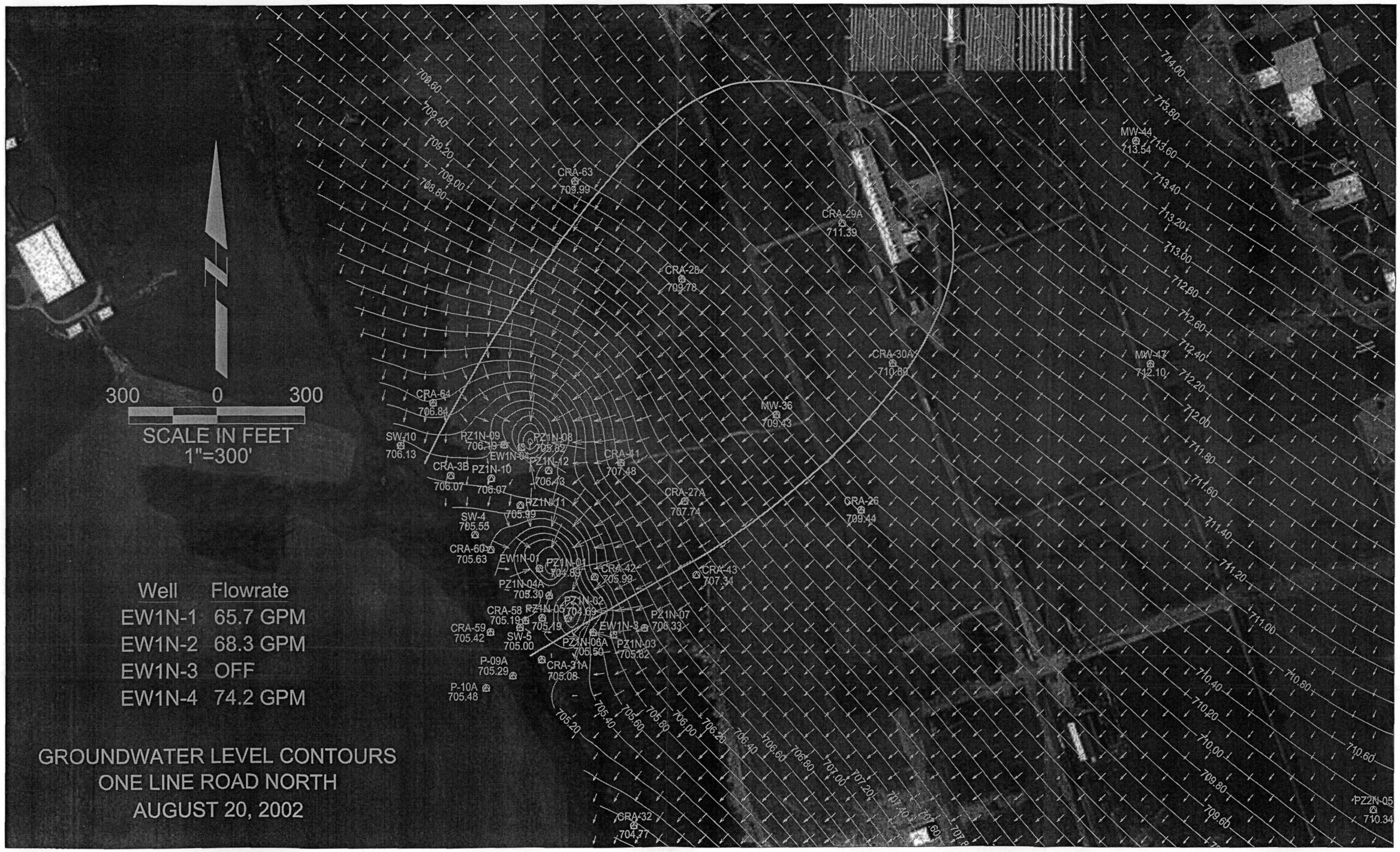
TABLE 1

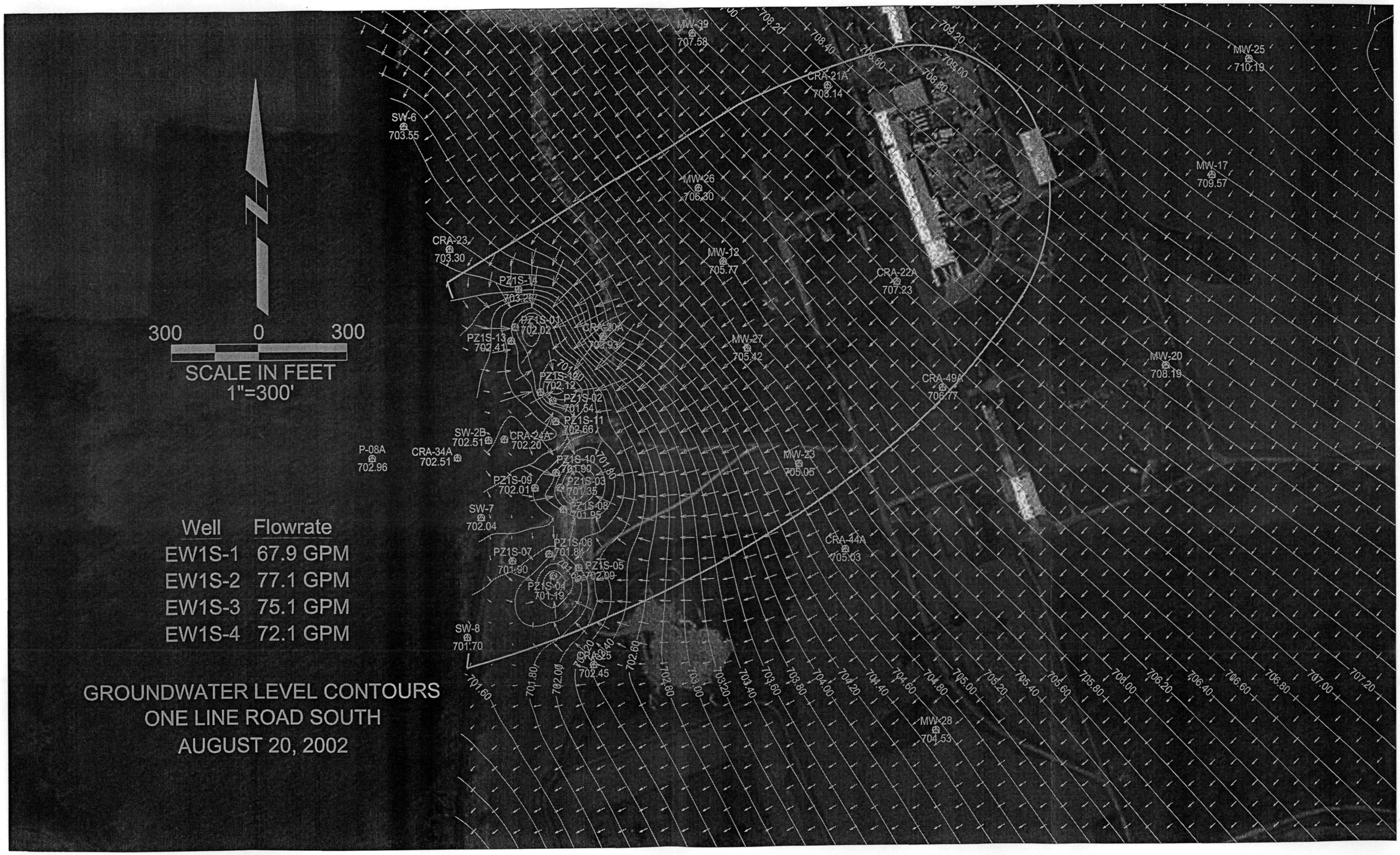
ROUTINE MAINTENANCE ACTIVITIES - 2002
FISHER-CALO SITE
KINGSBURY, INDIANA

O & M Event	Well ID	Operation and Maintenance Frequencies by Month												Total Events
		January	February	March	April	May	June	July	August	September	October	November	December	
Pump Wet End Change/Replacement	EW1N-1										1			1
	EW1N-2										1			1
	EW1N-3													
	EW1N-4										1			1
	EW1S-1			1							1			2
	EW1S-2										1			1
	EW1S-3	1									1		1	3
	EW1S-4										1			1
	EW2N-1													
	EW2N-2										1			1
	EW2N-3										1			1
	EW2N-4			1							1			2
	EWSL-1												1	1
	EWSL-2												1	1
	EWSL-3												1	1
	EWSL-4												1	1
	No. of Events	1		2							10		4	17
Yard Pipe Swabbing	1N	1									1			2
	1S	1		1							1			3
	2N	1		1							1			3
	SL	1											1	2
	No. of Events	4		2							3		1	10
Forcemain Swabbing	1N	1								1				2
	1S	1								1				2
	2N	1								1				2
	SL	1								1				2
	No. of Events	4								4				8
Air Stripper Cleaning	1										1			1
	2	1												1
	3										1			1
	No. of Events	1									2			3
Tank Cleaning	No. of Events	1												1

ATTACHMENT II

GROUND WATER LEVEL CONTOUR MAPS


300 0 300
SCALE IN FEET
1"=300'
Well Flowrate
EW1N-1 65.7 GPM
EW1N-2 68.3 GPM
EW1N-3 OFF
EW1N-4 74.2 GPM
GROUNDWATER LEVEL CONTOURS
ONE LINE ROAD NORTH
AUGUST 20, 2002
CRA-63 709.99
CRA-29A 711.39
CRA-28 709.78
CRA-30A 710.89
MW-44 713.54
MW-47 712.10
MW-36 709.43
CRA-64 706.84
SW-10 706.13
PZ1N-09 706.19
PZ1N-08 703.82
EW1N-04
PZ1N-12 706.43
CRA-3B 706.07
PZ1N-10 706.07
CRA-11 707.48
CRA-27A 707.74
CRA-26 709.44
PZ1N-11 705.99
SW-4 705.55
CRA-60 705.63
EW1N-01
PZ1N-01 704.89
CRA-42 705.99
CRA-43 707.34
PZ1N-04A 705.30
PZ1N-02
CRA-58 705.19
PZ1N-05 704.69
PZ1N-07 706.33
CRA-59 705.42
SW-5 705.00
EW1N-3
PZ1N-06A 705.50
PZ1N-03 705.82
P-09A 705.29
CRA-31A 705.08
P-10A 705.48
CRA-32 704.77
PZ2N-05 710.34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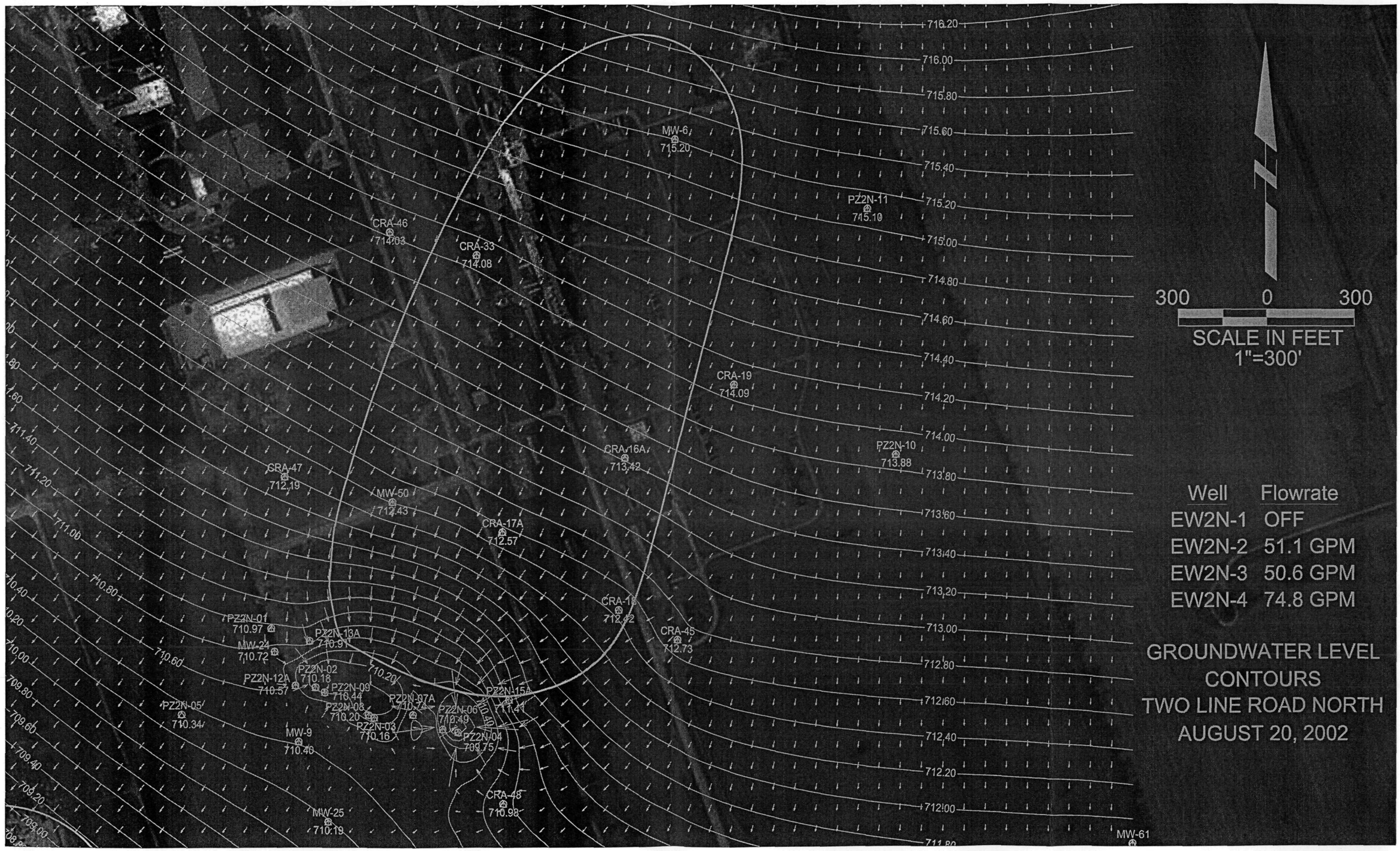
SCALE IN FEET
1"=300'
MW-39
707.58
CRA-21A
708.14
MW-25
710.19
SW-6
703.55
MW-17
709.57
MW-26
706.30
CRA-23
703.30
MW-12
705.77
CRA-22A
707.23
PZ1S-14
703.28
PZ1S-01
702.02
CRA-20A
703.33
PZ1S-13
702.41
MW-27
705.42
MW-20
708.19
CRA-49A
706.77
PZ1S-12
702.12
PZ1S-02
701.54
PZ1S-11
702.66
SW-2B
702.51
CRA-24A
702.20
P-08A
702.96
CRA-34A
702.51
PZ1S-10
701.99
MW-23
705.05
PZ1S-09
702.01
PZ1S-03
701.35
PZ1S-08
701.95
SW-7
702.04
CRA-44A
705.03
PZ1S-06
701.84
PZ1S-07
701.90
PZ1S-05
702.09
PZ1S-04
701.19
SW-8
701.70
CRA-25
702.45
MW-28
704.53
Well Flowrate
EW1S-1 67.9 GPM
EW1S-2 77.1 GPM
EW1S-3 75.1 GPM
EW1S-4 72.1 GPM
GROUNDWATER LEVEL CONTOURS
ONE LINE ROAD SOUTH
AUGUST 20, 2002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715.20
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713.60
713.40
713.20
713.00
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712.00
711.80
711.40
711.20
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710.20
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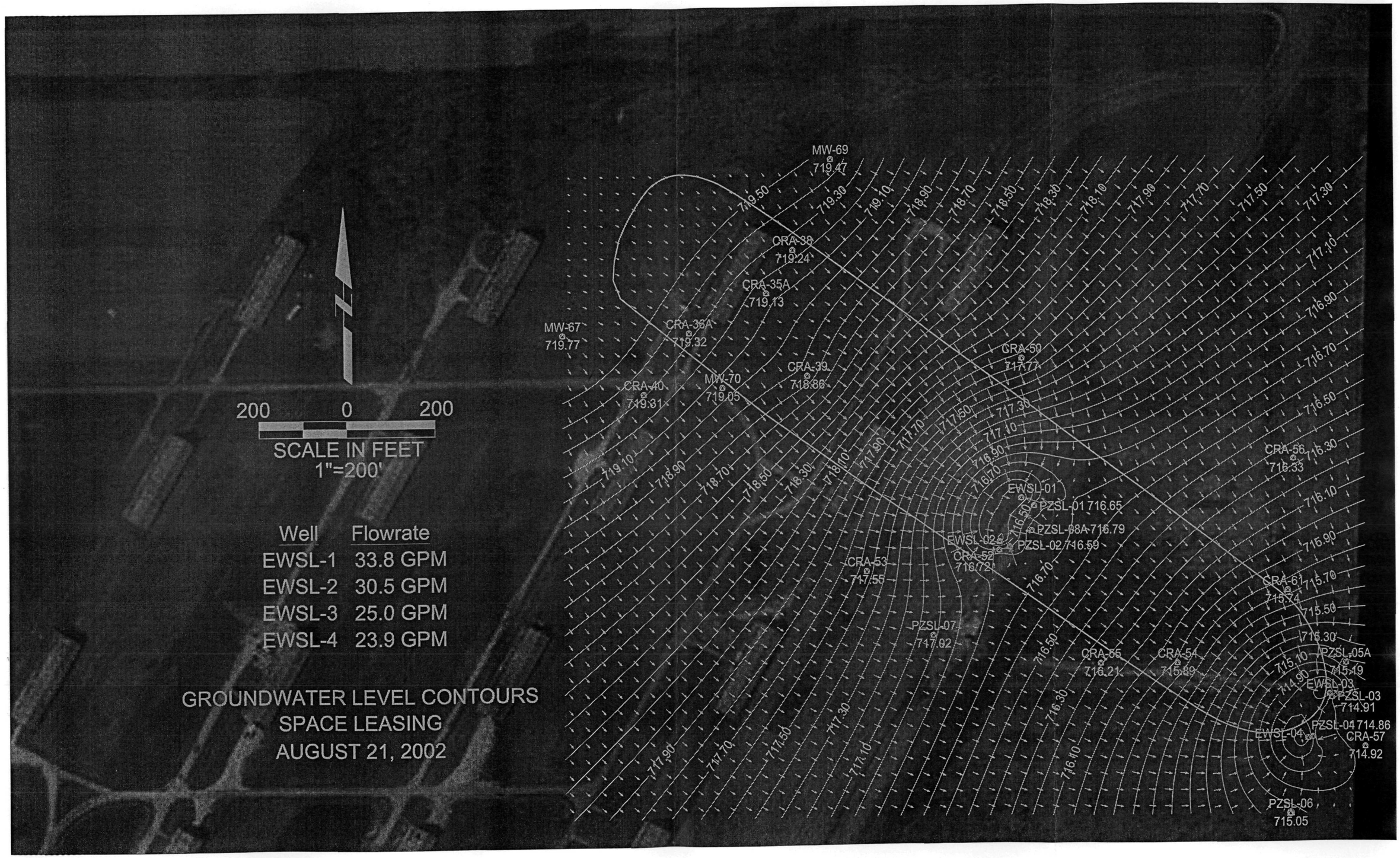
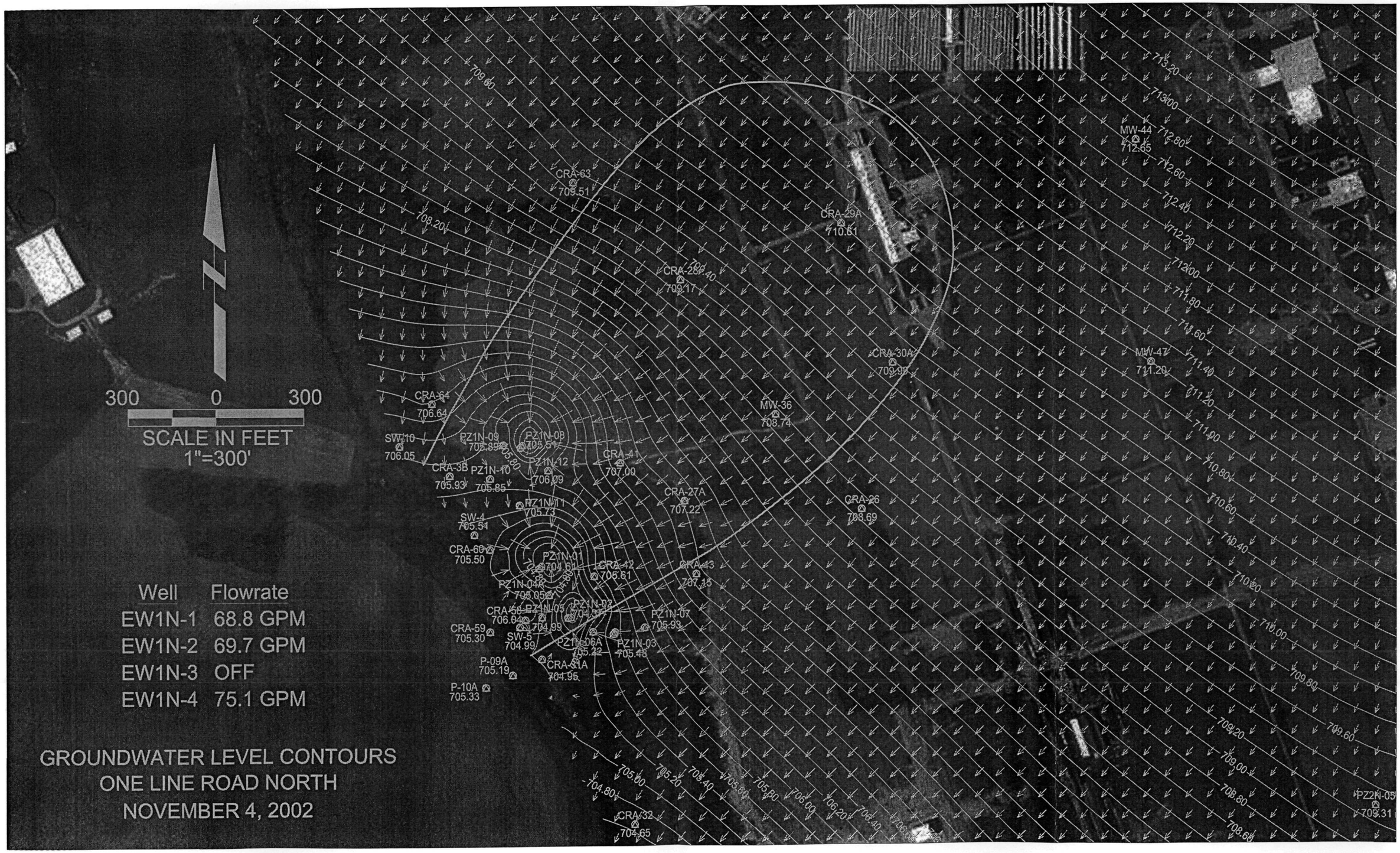
709.00
MW-6
715.20
PZ2N-11
715.10
CRA-46
714.03
CRA-33
714.08
CRA-19
714.09
CRA-16A
713.42
PZ2N-10
713.88
CRA-47
712.19
MW-50
712.43
CRA-17A
712.57
CRA-16
712.42
CRA-45
712.73
PZ2N-01
710.97
PZ2N-13A
710.91
MW-24
710.72
PZ2N-02
710.18
PZ2N-12A
710.37
PZ2N-09
710.44
PZ2N-08
710.20
PZ2N-07A
710.74
PZ2N-06
710.49
PZ2N-15A
711.41
PZ2N-03
710.16
PZ2N-04
709.75
PZ2N-05
710.34
MW-9
710.40
CRA-48
710.98
MW-25
710.19
MW-61
300 0 300
SCALE IN FEET
1"=300'
Well Flowrate
EW2N-1 OFF
EW2N-2 51.1 GPM
EW2N-3 50.6 GPM
EW2N-4 74.8 GPM
GROUNDWATER LEVEL
CONTOURS
TWO LINE ROAD NORTH
AUGUST 20, 2002


N
200 0 200
SCALE IN FEET
1"=200'
Well Flowrate
EWSL-1 33.8 GPM
EWSL-2 30.5 GPM
EWSL-3 25.0 GPM
EWSL-4 23.9 GPM
GROUNDWATER LEVEL CONTOURS
SPACE LEASING
AUGUST 21, 2002
MW-69 719.47
CRA-38 719.24
CRA-35A 719.13
MW-67 719.77
CRA-36A 719.32
CRA-39 718.86
CRA-40 719.31
MW-70 719.05
CRA-50 717.77
CRA-56 716.33
EWSL-01
PZSL-01 716.65
PZSL-08A 716.79
EWSL-02
PZSL-02 716.59
CRA-54 716.72
CRA-53 717.55
CRA-61 715.74
PZSL-07 717.02
CRA-55 716.21
CRA-54 715.89
PZSL-05A 715.19
EWSL-03
PZSL-03 714.91
PZSL-04 714.86
EWSL-04
CRA-57 714.92
PZSL-06 715.05


300 0 300
SCALE IN FEET
1"=300'
Well Flowrate
EW1N-1 68.8 GPM
EW1N-2 69.7 GPM
EW1N-3 OFF
EW1N-4 75.1 GPM
GROUNDWATER LEVEL CONTOURS
ONE LINE ROAD NORTH
NOVEMBER 4, 2002
CRA-63 709.51
CRA-29A 710.61
CRA-28A 709.17
CRA-30A 709.99
MW-44 712.65
MW-47 711.29
MW-36 708.74
CRA-26 708.69
CRA-64 706.64
SW-10 706.05
PZ1N-09 702.89
PZ1N-08 705.51
PZ1N-12 706.09
CRA-41 707.00
CRA-38 705.93
PZ1N-10 705.85
CRA-27A 707.22
PZ1N-11 705.73
SW-4 705.51
CRA-60 705.50
PZ1N-01 704.61
CRA-42 705.61
CRA-43 707.15
PZ1N-04 705.05
CRA-56 706.04
PZ1N-05 704.99
PZ1N-02 704.51
PZ1N-07 705.93
CRA-59 705.30
SW-5 704.99
PZ1N-06A 705.22
PZ1N-03 705.48
P-09A 705.19
CRA-31A 704.95
P-10A 705.33
CRA-32 704.65
PZ2N-05 709.31
709.00
708.20
713.20
713.00
712.80
712.60
712.40
712.20
712.00
711.80
711.60
711.40
711.20
711.00
710.80
710.60
710.40
710.20
710.00
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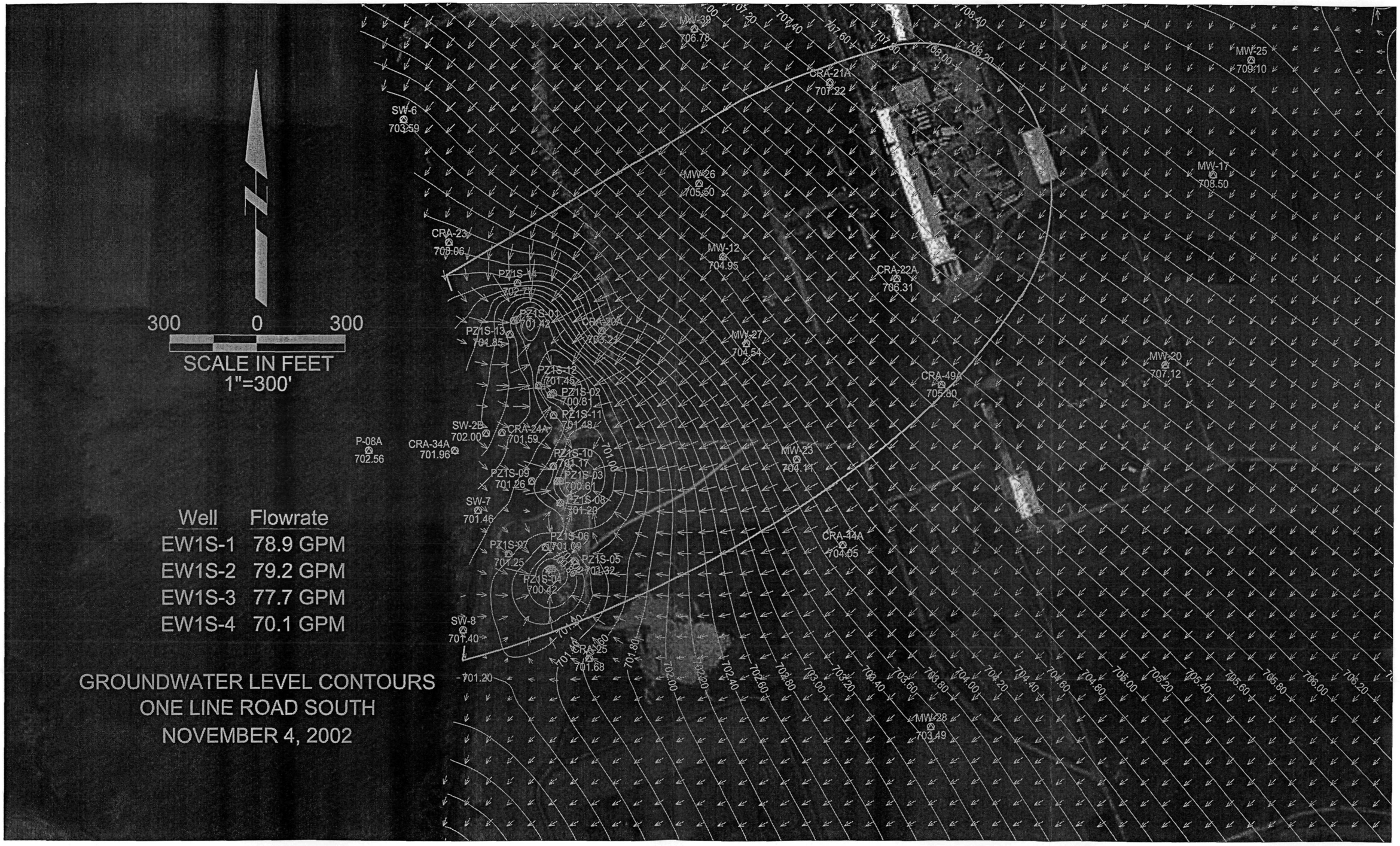
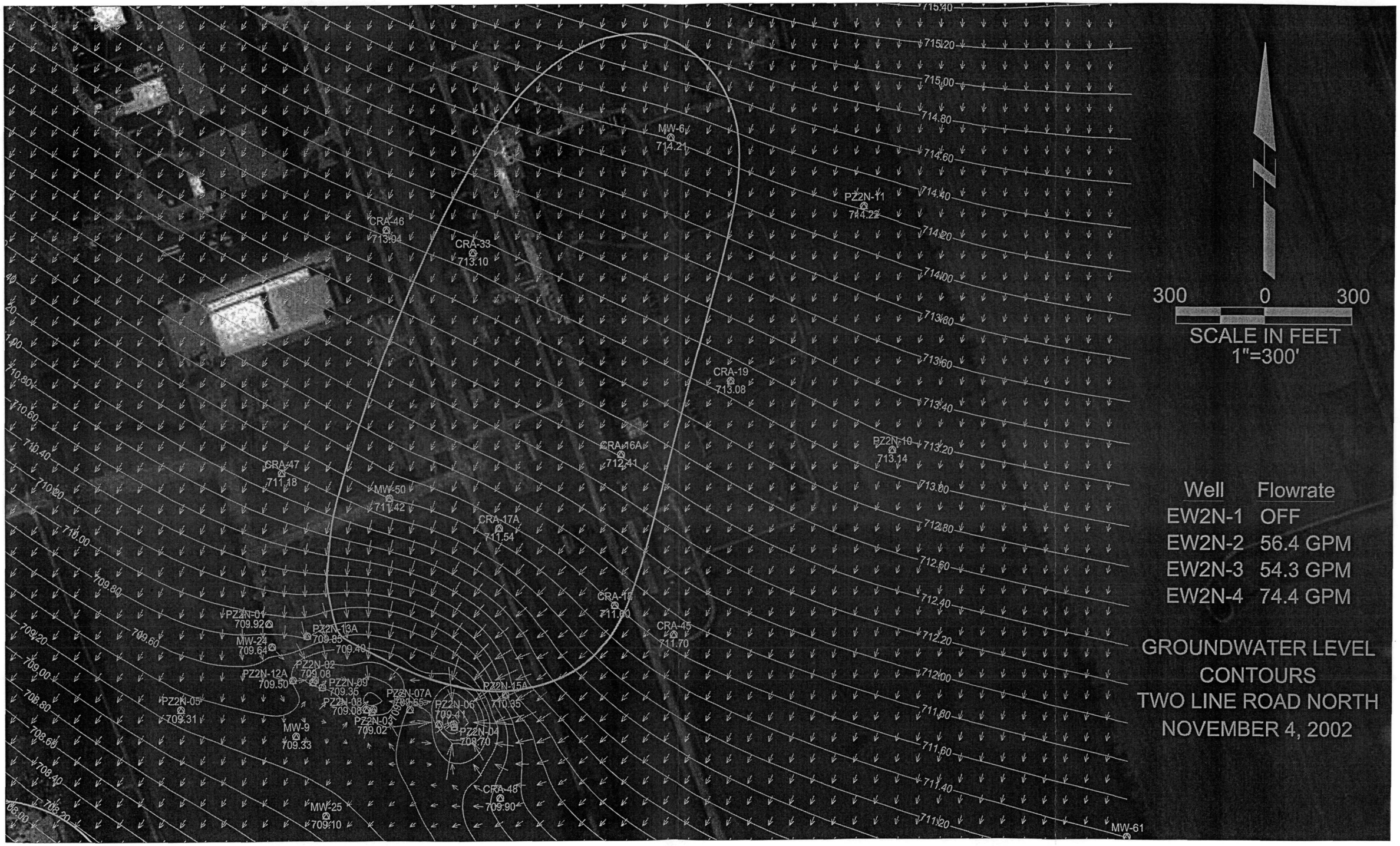
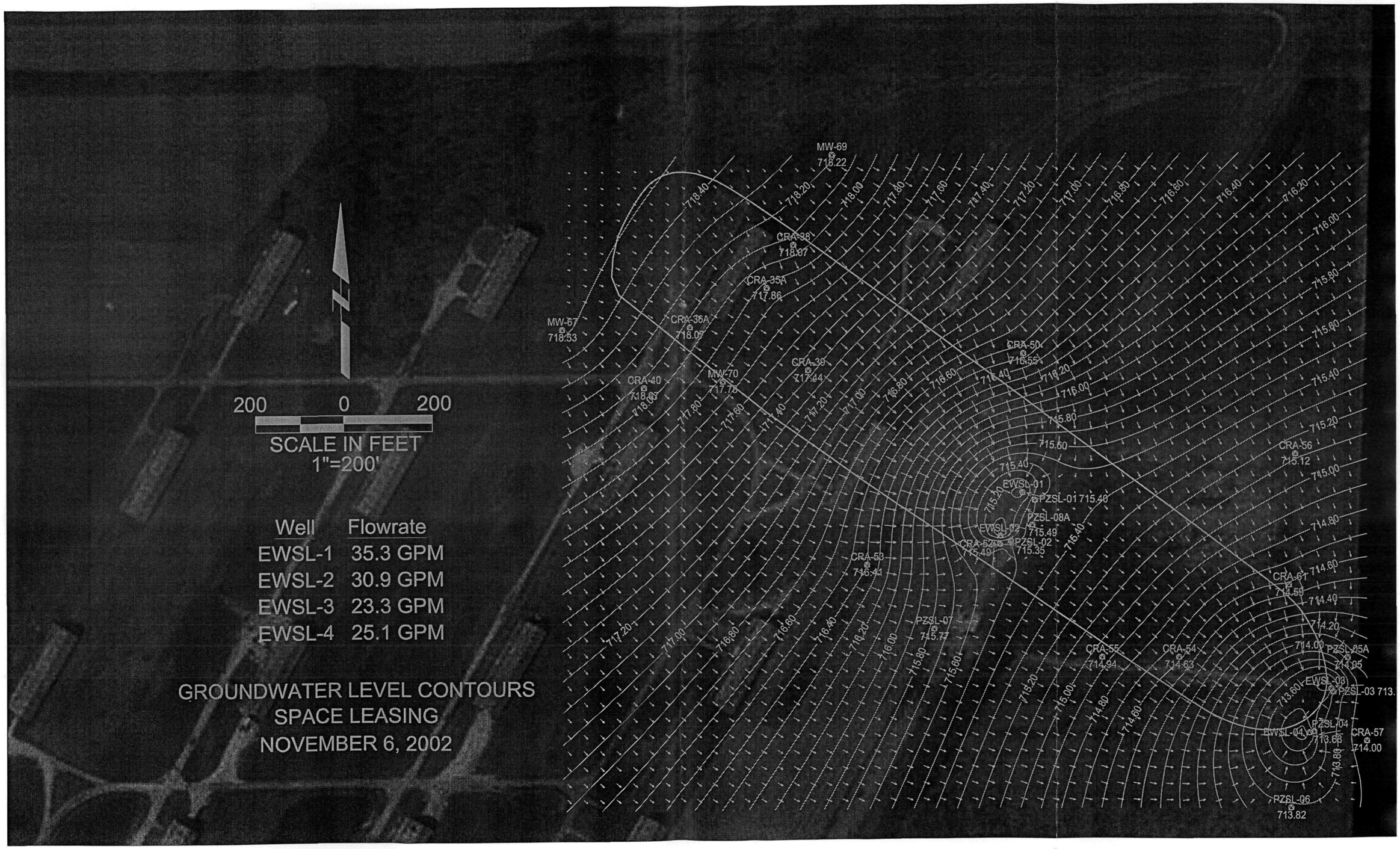
709.40
709.20
709.00
708.80
708.60
705.00
705.20
705.40
705.60
705.80
706.00
706.20
706.40
704.80



Well	Flowrate
EW1S-1	78.9 GPM
EW1S-2	79.2 GPM
EW1S-3	77.7 GPM
EW1S-4	70.1 GPM

GROUNDWATER LEVEL CONTOURS
ONE LINE ROAD SOUTH
NOVEMBER 4, 2002


300 0 300
SCALE IN FEET
1"=300'
Well Flowrate
EW2N-1 OFF
EW2N-2 56.4 GPM
EW2N-3 54.3 GPM
EW2N-4 74.4 GPM
GROUNDWATER LEVEL CONTOURS
TWO LINE ROAD NORTH
NOVEMBER 4, 2002
MW-6 714.21
PZ2N-11 714.22
CRA-46 713.04
CRA-33 713.10
CRA-19 713.08
PZ2N-10 713.14
CRA-16A 712.41
CRA-47 711.18
MW-50 711.42
CRA-17A 711.54
CRA-45 711.70
PZ2N-01 709.92
PZ2N-13A 709.85
MW-24 709.64
PZ2N-02 709.08
PZ2N-12A 709.50
PZ2N-09 709.35
PZ2N-08 709.06
PZ2N-07A 709.65
PZ2N-06 709.41
PZ2N-15A 710.35
PZ2N-05 709.31
MW-9 709.33
PZ2N-03 709.02
PZ2N-04 708.70
CRA-48 709.90
MW-25 709.10
MW-61


200 0 200
SCALE IN FEET
1"=200'
Well Flowrate
EWSL-1 35.3 GPM
EWSL-2 30.9 GPM
EWSL-3 23.3 GPM
EWSL-4 25.1 GPM
GROUNDWATER LEVEL CONTOURS
SPACE LEASING
NOVEMBER 6, 2002
MW-69 718.22
CRA-38 718.07
CRA-35A 717.86
MW-67 718.53
CRA-36A 718.05
CRA-40 718.03
MW-70 717.78
CRA-39 717.44
CRA-50 716.55
CRA-56 715.12
EWSL-01
PZSL-01 715.40
PZSL-08A 715.49
EWSL-02
CRA-52 715.49
PZSL-02 715.35
CRA-53 716.41
CRA-61 714.59
PZSL-07 715.77
CRA-55 714.94
CRA-54 714.63
PZSL-05A 714.05
EWSL-03
PZSL-03 713.
PZSL-04 713.68
EWSL-04
CRA-57 714.00
PZSL-06 713.82

ATTACHMENT III

DATA REVIEW AND VALIDATION MEMO FOR GROUNDWATER SAMPLING

LFR
LEVINE•FRICKE

Date: December 26, 2002

INTEROFFICE MEMORANDUM

To: Wei-Lin Feng

From: Tracy Freiwald, LFR Tallahassee

Subject: **DATA QUALITY ASSESSMENT AND VALIDATION NOVEMBER 2002 GROUND WATER MONITORING EVENT FISHER CALO SITE IN KINGSBURY, INDIANA**

LFR assessed the data quality and validated the data from the ground water samples collected during the November 2002 monitoring event from the Fisher-Calo Site in Kingsbury, Indiana. The sample identification numbers are identified in Table 1. Severn Trent Laboratories of University Park, Illinois analyzed the ground water samples for volatile organic compounds (VOCs) according to SW-846 Method 8260B. The quality assurance criteria used to assess the data were established by the methods and the quality assurance project plan. Application of quality assurance criteria was consistent with the relevant criteria in "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA540/R-99/008, October 1999.

Holding Time Periods

The holding time for VOCs is 14 days from sample collection to completion of analysis. The samples were prepared and analyzed within the required holding time period.

Method Blank Samples

Method blank samples were used to monitor contamination of samples contributed to by laboratory conditions or procedures. The laboratory checked the data by concurrent preparation and analysis of method blank samples. None of the method blank samples contained target analytes.

Surrogate Compound Analyses

Surrogate compound percent recovery data were used to monitor individual sample performance for the organic analyses. The surrogate compound percent recovery data acceptance criteria were met for all samples with the exception of GW-110602-AMDE-313 (CRA-33). Toluene-d8 percent recovery exceeded the upper control limit. The sample was reanalyzed at a 25 times dilution and the surrogate compound percent recoveries were met.

Blank Spike and Laboratory Control Sample Analyses

Blank spike samples and laboratory control samples (LCS) were analyzed to monitor the accuracy of the laboratory preparation and analysis methods. The LCS percent recovery data for all samples were within the control limits. Data qualification in these circumstances is not required.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Sample Analyses

STL used MS/MSD samples to assess the accuracy and precision of the analytical methods relative to the sample matrices. MS/MSD percent recoveries and relative percent differences (RPDs) were determined.

The percent recoveries were within the control limits. In addition, the RPDs were acceptable. Data qualification in these circumstances is not required.

Field Quality Assurance/Quality Control (QA/QC)

The field QA/QC consisted of trip blank and field duplicate samples.

To monitor potential sample cross contamination by VOCs during sample transportation and storage, a trip blank sample was submitted to the laboratory for VOC analysis with each shipping cooler containing VOC samples. Target analytes were not detected in the two trip blank samples analyzed.

Overall sampling and analysis precision was monitored by the results of field duplicate sample sets. Table 2 summarizes detected analyte data from the field duplicate sample sets. The quality assurance project plan specified an advisory RPD limit of 20 percent for evaluating field duplicate data. The RPD is not calculable if the result is less than five times the reporting limit. All the calculable RPD results were well below the 20 percent goal indicating excellent reproducibility of the data.

Completeness

Completeness, as determined by the total number of usable results versus the total number of results, was required to be 90 percent or greater. LFR determined the data are usable and the completeness criterion was met.

Overall Assessment

LFR determined the data exhibits acceptable levels of accuracy and precision and are suitable for their intended use with the qualifications noted.

Attachments

TABLE 1

SAMPLE IDENTIFICATION NUMBERS
NOVEMBER 2002 GROUNDWATER MONITORING EVENT
FISHER-CALO SITE
KINGSBURY, INDIANA

Sample ID		*Location*
GW-110602-AMDE-299		CRA-14
GW-110502-AMDE-300		CRA-64
GW-110502-AMDE-301		CRA-58
GW-110502-AMDE-302		CRA-60
GW-110502-AMDE-303		CRA-31A
GW-110502-AMDE-304		CRA-42
GW-110502-AMDE-305		CRA-27B
GW-110502-AMDE-306		MW-36
GW-110502-AMDE-307		MW-36 Duplicate
GW-110502-AMDE-308		CRA-28
GW-110502-AMDE-309		CRA-59
GW-110502-AMDE-310		EWIN-01
GW-110502-AMDE-311		EWIN-02
GW-110502-AMDE-312		EWIN-04
GW-110602-AMDE-313		CRA-33
GW-110602-AMDE-314		CRA-16A
GW-110602-AMDE-315		CRA-16B
GW-110602-AMDE-316		MW-09
GW-110602-AMDE-317		MW-48
GW-110602-AMDE-318		MW-25
GW-110602-AMDE-319		EW2N-02
GW-110602-AMDE-320		EW2N-03
GW-110602-AMDE-321		EW2N-04
GW-110602-AMDE-322		MW-03
GW-110602-AMDE-323		CRA-48
GW-110602-AMDE-324		CRA-48 Duplicate
GW-110702-AMDE-325		MW-67
GW-110702-AMDE-326		CRA-39
GW-110702-AMDE-327		CRA-39B
GW-110702-AMDE-339		EWSL-01

TABLE 1

SAMPLE IDENTIFICATION NUMBERS
NOVEMBER 2002 GROUNDWATER MONITORING EVENT
FISHER-CALO SITE
KINGSBURY, INDIANA

Sample ID		*Location*
GW-110702-AMDE-340		EWSL-02
GW-110702-AMDE-341		EWSL-03
GW-110702-AMDE-342		EWSL-03 Duplicate
GW-110702-AMDE-343		EWSL-04
GW-110502-RKTA-291		CRA-34A
GW-110502-RKTA-292		CRA-34B
GW-110502-RKTA-293		CRA-24A
GW-110502-RKTA-294		CRA-24B
GW-110502-RKTA-295		CRA-25
GW-110502-RKTA-296		CRA-22A
GW-110502-RKTA-297		CRA-20A
GW-110502-RKTA-298		CRA-23
GW-110602-RKTA-330		EW1S-01
GW-110602-RKTA-331		EW1S-01 Duplicate
GW-110602-RKTA-332		EW1S-02
GW-110602-RKTA-333		EW1S-03
GW-110602-RKTA-334		EW1S-04
GW-110602-RKTA-335		CRA-57
GW-110602-RKTA-336		CRA-61
GW-110602-RKTA-337		CRA-54
GW-110602-RKTA-338		CRA-55

TABLE 2

SUMMARY OF DETECTED ANALYTES FROM FIELD DUPLICATE SAMPLE SETS
NOVEMBER 2002 GROUNDWATER MONITORING EVENT
FISHER-CALO SITE
KINGSBURY, INDIANA

Analyte	*MW-36 Investigative Sample GW-110502-AMDE-306*	*MW-36D Duplicate Sample GW-110502-AMDE-307*	*RPD* [1]
Organics (µg/L)			
1,1,1-Trichloroethane	51.0	56.0	9.35
1,1-Dichloroethane	5.9	6.0	1.68
cis-1,2-Dichloroethene	55.0	58.0	5.31
Tetrachloroethene	9.5	8.3	13.48
Trichloroethene	100.0	97.0	3.05

Analyte	*CRA-48 Investigative Sample GW-110602-AMDE-323*	*CRA-48D Duplicate Sample GW-110602-AMDE-324*	*RPD*
Organics (µg/L)			
1,1,1-Trichloroethane	22.00	23.00	4.44

Analyte	*EWSL-03 Investigative Sample GW-110702-AMDE-341*	*EWSL-03D Duplicate Sample GW-110702-AMDE-342*	*RPD*
Organics (µg/L)			
All Analytes	ND	ND	NC

Analyte	*EW1S-01 Investigative Sample GW-110602-RKTA-330*	*EW1S-01D Duplicate Sample GW-110602-RKTA-331*	*RPD*
Organics (µg/L)			
1,2-Dichloroethane	6.50	6.90	5.97
trans-1,2-Dichloroethene	7.80	8.10	3.77
Vinyl Chloride	10.00	10.00	0.00
1,1,1-Trichloroethane	13.00	13.00	0.00
cis-1,2-Dichloroethene	59.00	60.00	1.68
1,1-Dichloroethane	120.00	120.00	0.00

[1] RPD - Relative Percent Difference

[2] ND( ) - Not detected at the quantitation limit in parentheses

[3] NC - Not calculable because result is not at least five times the reporting limit.

ATTACHMENT IV

STATISTICAL REVIEW OF GROUNDWATER DATA

LFR
LEVINE•FRICKE

Date: January 2, 2003

INTEROFFICE MEMORANDUM

To: Wei-Lin Feng
Dale Ellingson

From: Aravind Marella

Subject: **STATISTICAL EVALUATION OF GROUNDWATER MONITORING RESULTS NOVEMBER 2002 MONITORING EVENT FISHER-CALO SITE KINGSBURY, INDIANA**

This memo details the findings of statistical evaluation of groundwater monitoring data following the November 2002 sampling event at the Fisher-Calo site (Site). As specified in the Site's Groundwater Contingency Plan (Appendix B of the Operations, Maintenance and Monitoring Plan, CRA, May 2000), groundwater monitoring data is to be evaluated using a series of statistical procedures (Attachments A, B and C of the Contingency Plan). This memo presents the findings of each statistical procedure in three separate sections (trend analyses, confidence limit analyses and background tolerance limit analyses).

1.0 TREND ANALYSIS

1.1 Introduction

The Site groundwater extraction systems adjacent to Travis Ditch (One Line Road North and One Line Road South) each have a historically-impacted monitoring well between the groundwater extraction system and Travis Ditch. These monitoring wells are CRA-58 (One Line Road North) and CRA-24A (One Line Road South). For these monitoring wells, observing reducing or non-discernible trends in constituent concentrations verify containment of the plume. This section details the findings of the trend evaluations of groundwater constituents at CRA-58 and CRA-24A following the fourteenth groundwater monitoring event (November 2002).

1.2 Statistical Methodology

The trend evaluation methodology is outlined in Attachment A of the Groundwater Contingency Plan (Appendix B of the Operations, Maintenance and Monitoring Plan, CRA, May 2000) for the Site. The trend evaluation consists of the following steps:

1) Assembling data for all parameters from the eight most recent monitoring events;

2) Assessing the data distribution of these eight results for each parameter;

3) Calculating a linear regression line (least squares best fit line); and

4) Testing the significance (at $\alpha = 0.99$ significance) of the linear regression line using a *t*-test.

If the results of the *t*-test indicate that a significant increasing trend is present, then the action level has been exceeded and the plume has not been contained. Otherwise, containment of the plume has been achieved.

Field duplicate results were averaged prior to carrying out the statistical analyses. Non-detect results were substituted with a value of one-half the detection limit. The statistical calculations performed in this trend evaluation were performed using Microsoft Excel®.

1.3 Scope of Data

To date fourteen groundwater monitoring events have occurred under the long-term groundwater monitoring program. The data used for the trend evaluation consisted of results from the eight most recent monitoring events (i.e. November 2002 event was added and June 1999 event was dropped). The eight events used are as follows.

November 2002	November 2000
May 2002	June 2000
November 2001	February 2000
June 2001	December 1999

A listing of these monitoring results is provided in Table I.1 thru I.4 of this memorandum

For the purposes of the trend evaluation, those monitored parameters for which no detections have been observed during the eight most recent monitoring events were not considered. The trend analysis is described below.

1.4 Results of Trend Evaluation

A summary of statistical trend evaluation results is provided in Table 1. Of the 32 parameters monitored at the Site, only five were detected at least once at CRA-24A during the last eight monitoring events. Similarly, only four parameters were detected at CRA-58. No statistically significant ($P<0.01$) increases in chemical concentrations were detected for any monitored parameters at CRA-24A or CRA-58. Statistically significant ($P<0.01$) decreasing trends were observed at CRA-24A for TCE.

1.5 Conclusions

The statistical trend analysis has determined that there is no evidence of increasing trends in chemical concentrations at either CRA-24A or CRA-58. Statistically significant decreasing trends were observed at CRA-24A for TCE. All analytical parameters at both wells either had no

detections during the last eight monitoring events, or do not exhibit statistically significant increasing trends with time. These findings are consistent with containment of the contaminant plume by the ground water extraction system.

2.0 99 PERCENT CONFIDENCE LIMIT ANALYSIS

2.1 Introduction

In the "Flow Chart of Evaluation Tasks for Chemical Monitoring Networks - Fisher-Calo Site" (Figure 5.1 of the Groundwater Contingency Plan), the first task in the statistical evaluation process is to compare the 99 percent confidence limits of each constituent to their respective action level. A copy of Figure 5.1 is attached to this memo. The findings of these comparisons are presented in this section and the results are summarized in Tables 2A-2D and 3A-3D.

For monitored parameters that have confidence limits above the respective action level, the next evaluation task is to compare each measurement against a 95 percent upper tolerance limit for the background results. This task is detailed in Section 3 of this memorandum and the results are summarized in Tables 4A-4D.

2.2 Statistical Methodology

The methodology used to compare the 99 percent confidence limits (CLs) is outlined in Attachment B of the Groundwater Contingency Plan. The process consists of (i) checking the distribution of the data, (ii) calculating a 99 percent lower confidence limit (LCL) of the mean concentration, and (iii) comparing the LCL to the action level. This process was performed for each constituent at each well, For the purposes of statistical calculations, non-detected values were substituted with a value of one-half the detection limit.

The confidence limit calculations were carried out using Microsoft Excel spreadsheet

2.3 Scope of Monitoring Data

The Groundwater Contingency Plan specifies that a minimum of the previous four rounds of chemical monitoring data be used to calculate a 99 percent LCL. All parameters at wells that were sampled in the November 2002 monitoring were included in the statistical analyses. Calculations were performed using the last eight rounds of data contained in the Site database. Table I presents the results of the last eight rounds of groundwater monitoring.

2.4 Results

The number of samples, number of detects and coefficient of variation (CV) are presented in four tables, corresponding to four areas at the Site which are: (i) One Line Road North (Table 2A); (ii) One Line Road South (Table 2B); (iii) Two Line Road North (Table 2C); and (iv) Space Leasing

Area (Table 2D). The calculated 99 percent LCL values are presented in Tables 3A through 3D. These values were compared to the corresponding action level for each constituent. Any LCL that exceeded the corresponding action level was highlighted in boldface. The parameters that were found to be above action levels at one or more wells include: benzene, 1,2-DCA, cis-1,2-DCE, PCE, and 1,1,1-TCA, TCE, 1,1,2-TCA and VC.

One Line Road North LCL Exceedances

CRA-28 (CT)	TCE
CRA-42 (CT)	TCE, 1,2-DCA, cis-1,2-DCE
MW-36 (CT)	TCE, PCE
EW1N-1 (E)	TCE
EW1N-2 (E)	TCE

One Line Road South LCL Exceedances

CRA-20A (CT)	VC, cis-1,2-DCE
CRA-22A (CT)	TCE
EW1S-1 (E)	VC, 1,2-DCA
EW1S-2 (E)	VC, TCE, cis-1,2-DCE
EW1S-3 (E)	TCE, PCE
EW1S-4 (E)	PCE

Two Line Road North LCL Exceedances

CRA-16A (CT)	PCE
CRA-33 (CT)	BENZENE, 1,2-DCA, VC

Space Leasing LCL Exceedances

CRA-39 (CT)	TCE, cis-1,2-DCE, PCE
CRA-54 (CT)	cis-1,2-DCE
EWSL-1 (E)	TCE, cis-1,2-DCE
EWSL-2 (E)	TCE, cis-1,2-DCE, 1,1,1-TCA

2.5 Conclusions

Using the confidence limit analysis, a number of parameters were found to be above their respective action levels at different wells within the delineated contaminant plumes. **No parameters were detected above action levels in boundary monitoring wells during the November 2002 monitoring event.** The chemicals which exhibited at least one exceedance within

the contaminant plumes include benzene, TCE, 1,2-DCA, cis-1,2-DCE, PCE, VC, and 1,1,1-TCA..

The wells with contaminants exceeding the LCL action levels are presented on Figures 1 thru 4 of this attachment. A summary of the LCL action level exceedances and the corresponding November 2002 results are presented in Tables 5A-5D.

For parameters exceeding LCL action levels, a background 95 percent tolerance interval analysis is prescribed in the Groundwater Contingency Plan. These subsequent analyses are detailed in Section 3.

3.0 95 PERCENT BACKGROUND TOLERANCE INTERVAL ANALYSES

3.1 95 Percent Tolerance Interval Background Procedure

As outlined in Figure 5.1 of the contingency plan, if the 99 percent LCL is found to be above the action level, then the next step is to calculate the 95 percent upper tolerance limit (UTL) using data from the background well corresponding to the site area. LFR conducted the background analysis according to Attachment C of the Groundwater Contingency Plan for those parameters identified in Section 2 of this memo with LCLs exceeding the respective action level.

3.2 Statistical Methodology

The methodology used to compare the 95 percent tolerance limits (TLs) is outlined in Attachment C of the Groundwater Contingency Plan. The process consists of (i) checking the distribution of the data, (ii) calculating a 95 percent upper tolerance limit (UTL) for the area's corresponding background well, and (iii) comparing the UTL to data point found to be exceeding the 95 percent UCL as discussed in Section 2 of this memorandum. For the purposes of statistical calculations, non-detected values are to be substituted with a value of one-half the detection limit.

3.3 Scope of Monitoring Data

The work plan specifies that the last eight rounds of chemical monitoring data be assembled for a parameter at the appropriate background monitoring well. The respective background wells by area:

- CRA-14 for One Line Road North;
- MW-3 for One Line Road South;
- MW-3 for Two Line Road North; and
- MW-67 for the Space Leasing Area.

A UTL was calculated only for those parameters that had a LCL above its action level (refer to Section 2.4).

3.4 Results

The results of the UTL calculations are summarized in Tables 4A to 4D and exceedances of background tolerance limits are highlighted in boldface. There were no detected values at the background wells (CRA-14, MW-3, and MW-67). Therefore, the highest detection limit was taken as the UTL. The November 2002 monitoring results were compared to the calculated background UTLs and all were found to be above background UTLs.

3.5 Conclusions

Of the parameters and wells identified exceeding action levels using the confidence limit procedure in Section 2, all were found to be above background UTLs. These exceedances are for parameters that have previously been detected above action levels within the respective plumes, and occurred in either chemical trend or extraction wells. No parameters were found above action levels in boundary wells during the November 2002 monitoring event. Using the decision-making framework presented in Figure 5.1 of the contingency plan, the appropriate conclusion is to continue monitoring, with no further action required at present.

4.0 REFERENCE

CRA, November 2000. Groundwater Contingency Plan (Appendix B of the Operations, Maintenance and Monitoring Plan), Fisher-Calo Site.

TABLE 1

SUMMARY OF STATISTICAL TREND EVALUATION RESULTS
JANUARY 2003 ANNUAL PROGRESS REPORT
(NOVEMBER 2002 MONITORING EVENT)
FISHER-CALO SITE

Well	*Parameter*	*Number of Samples*			*CV*	*Calculated t value*	*Statistical Probability*	*Conclusion*
		Total	*Detected*	*Non-detect*				
CRA-24A	1,1-Dichloroethane	8	1	7	0.32	-0.7192	0.4956	NST[1]
CRA-24A	1,1-Dichloroethene	8	3	5	0.30	-2.6173	0.1184	NST
CRA-24A	cis-1,2-Dichloroethene	8	1	7	0.48	-0.7192	0.4956	NST
CRA-24A	Trichloroethene	8	8	0	0.560	-4.5263	**0.0036**	**Decreasing**[2]
CRA-24A	Vinyl chloride	8	1	7	0.019	0.0674	0.9481	NST
CRA-58	1,1-Dichloroethene	8	1	7	1.500	-0.3010	0.7583	NST
CRA-58	cis-1,2-Dichloroethene	8	1	7	2.770	-0.3010	0.7583	NST
CRA-58	1,1,1-Trichloroethane	8	2	6	1.500	-1.5206	0.1780	NST
CRA-58	Trichloroethene	8	4	4	1.050	-1.4926	0.1838	NST

<u>Notes:</u>

Parameters with no detects in the last 8 monitoring events were not assessed for trends.

CV = Coefficient of Variation

[1] NST - No statistically significant trend ($P > 0.01$).

[2] Decreasing - statistically significant decrease in concentration with time ($P < 0.01$).

TABLE 2A

SUMMARY OF MONITORING DATA
ONE LINE ROAD NORTH
FISHER CALO SITE

Analyte	Background Well CRA-14			Boundary Well CRA-27B			Boundary Well CRA-31A			Boundary Well CRA-58			Boundary Well CRA-59		
	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV
Site Specific Compounds															
1,1,1-Trichloroethane	8	0	ND	8	0	ND	8	0	ND	8	2	-5.310	8	0	ND
Methylene chloride	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
trans-1,2-Dichloroethene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Trichloroethene	8	0	ND	8	0	ND	8	0	ND	8	2	6.795	8	0	ND
Vinyl chloride	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Volatile Organic Compounds															
Acetone	8	0	ND	8	0	ND	8	1	0.674	8	0	ND	8	1	0.764
Benzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromodichloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromoform	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromomethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
2-Butanone	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Carbon disulfide	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Carbon tetrachloride	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Chlorobenzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Chloroform (Trichloromethane)	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Chloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Dibromochloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1-Dichloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,2-Dichloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1-Dichloroethene	8	0	ND	8	0	ND	8	0	ND	8	1	0.577	8	0	ND
cis-1,2-Dichloroethene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,2-Dichloropropane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
cis-1,3-Dichloropropene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
trans-1,3-Dichloropropene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Ethylbenzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
4-Methyl-2-pentanone	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Styrene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1,2,2-Tetrachloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Tetrachloroethene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Toluene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1,2-Trichloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Xylene (total)	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND

Notes:
CV = Coefficient of Variation
ND = Not Detected

TABLE 2A

SUMMARY OF MONITORING DATA
ONE LINE ROAD NORTH
FISHER CALO SITE

	Boundary Well			Boundary Well			Chemical Trend Well			Chemical Trend Well		
Analyte	*CRA-60*			*CRA-64*			*CRA-28*			*CRA-42*		
	# Samples	*# Detects*	*CV*	*# Samples*	*# Detects*	*CV*	*# Samples*	*# Detects*	*CV*	*# Samples*	*# Detects*	*CV*
Site Specific Compounds												
1,1,1-Trichloroethane	8	0	ND	8	0	ND	8	8	0.295	8	8	0.466
Methylene chloride	8	0	ND	8	0	ND	8	0	ND	8	0	ND
trans-1,2-Dichloroethene	8	0	ND	8	0	ND	8	2	0.612	8	8	1.11
Trichloroethene	8	0	ND	8	0	ND	8	8	0.225	8	8	0.530
Vinyl chloride	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Volatile Organic Compounds												
Acetone	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Benzene	8	0	ND	8	0	ND	8	1	0.713	8	2	0.65
Bromodichloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromoform	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromomethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND
2-Butanone	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Carbon disulfide	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Carbon tetrachloride	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Chlorobenzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Chloroform (Trichloromethane)	8	0	ND	8	0	ND	8	0	ND	8	8	0.796
Chloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Dibromochloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1-Dichloroethane	8	0	ND	8	0	ND	8	7	1.928	8	8	0.560
1,2-Dichloroethane	8	0	ND	8	0	ND	8	0	ND	8	8	0.294
1,1-Dichloroethene	8	0	ND	8	0	ND	8	6	3.476	8	8	0.414
cis-1,2-Dichloroethene	8	0	ND	8	0	ND	8	5	0.778	8	8	0.726
1,2-Dichloropropane	8	0	ND	8	0	ND	8	0	ND	8	0	ND
cis-1,3-Dichloropropene	8	0	ND	8	0	ND	8	0	ND	8	0	ND
trans-1,3-Dichloropropene	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Ethylbenzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND
4-Methyl-2-pentanone	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Styrene	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1,2,2-Tetrachloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Tetrachloroethene	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Toluene	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1,2-Trichloroethane	8	0	ND	8	0	ND	8	0	ND	8	5	0.87
Xylene (total)	8	0	ND	8	0	ND	8	0	ND	8	0	ND

Notes:
CV = Coefficient of Variation
ND = Not Detected

TABLE 2A

SUMMARY OF MONITORING DATA
ONE LINE ROAD NORTH
FISHER CALO SITE

	Chemical Trend Well			Extraction Well			Extraction Well			Extraction Well		
Analyte	*MW-36*			*EW1N-1*			*EW1N-2*			*EW1N-4*		
	# Samples	*# Detects*	*CV*	*# Samples*	*# Detects*	*CV*	*# Samples*	*# Detects*	*CV*	*# Samples*	*# Detects*	*CV*
Site Specific Compounds												
1,1,1-Trichloroethane	8	8	0.502	8	8	0.135	8	8	0.195	8	3	-1.803
Methylene chloride	8	0	ND	8	0	ND	8	0	ND	8	0	ND
trans-1,2-Dichloroethene	8	8	0.945	8	0	ND	8	6	0.583	8	0	ND
Trichloroethene	8	8	0.434	8	8	0.301	8	8	0.126	8	0	ND
Vinyl chloride	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Volatile Organic Compounds												
Acetone	8	1	0.54	8	0	ND	8	0	ND	8	0	ND
Benzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromodichloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromoform	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromomethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND
2-Butanone	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Carbon disulfide	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Carbon tetrachloride	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Chlorobenzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Chloroform (Trichloromethane)	8	3	0.523	8	0	ND	8	0	ND	8	0	ND
Chloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Dibromochloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1-Dichloroethane	8	8	0.721	8	8	0.156	8	8	0.448	8	0	ND
1,2-Dichloroethane	8	8	0.994	8	0	ND	8	7	0.273	8	0	ND
1,1-Dichloroethene	8	8	1.84	8	1	0.697	8	8	0.540	8	2	0.435
cis-1,2-Dichloroethene	8	8	0.971	8	8	0.172	8	8	0.503	8	5	0.722
1,2-Dichloropropane	8	8	0.457	8	0	ND	8	0	ND	8	0	ND
cis-1,3-Dichloropropene	8	0	ND	8	0	ND	8	0	ND	8	0	ND
trans-1,3-Dichloropropene	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Ethylbenzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND
4-Methyl-2-pentanone	8	0	ND	8	1	0.714	8	0	ND	8	0	ND
Styrene	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1,2,2-Tetrachloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Tetrachloroethene	8	8	0.184	8	0	ND	8	0	ND	8	0	ND
Toluene	8	0	ND	8	1	-2.534	8	0	ND	8	0	ND
1,1,2-Trichloroethane	8	1	0.39	8	1	0.593	8	0	ND	8	0	ND
Xylene (total)	8	1	0.31	8	0	ND	8	0	ND	8	0	ND

Notes:
CV = Coefficient of Variation
ND = Not Detected

TABLE 2B

SUMMARY OF MONITORING DATA
ONE LINE ROAD SOUTH
FISHER CALO SITE

Analyte	Boundary Well CRA-23			Boundary Well CRA-24B			Boundary Well CRA-25			Boundary Well CRA-34A			Boundary Well CRA-34B			Chemical Trend Well CRA-20A		
	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV
Site Specific Compounds																		
1,1,1-Trichloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	8	0.950
Methylene chloride	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
trans-1,2-Dichloroethene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	8	0.650
Trichloroethene	8	0	ND	8	2	0.549	8	0	ND	8	0	ND	8	0	ND	8	8	0.715
Vinyl chloride	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	8	0.796
Volatile Organic Compounds																		
Acetone	8	0	ND	8	1	0.471	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Benzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	8	0.660
Bromodichloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromoform	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromomethane	8	0	ND	8	1	0.653	8	0	ND	8	0	ND	8	0	ND	8	0	ND
2-Butanone	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Carbon disulfide	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Carbon tetrachloride	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Chlorobenzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	1	0.475
Chloroform (Trichloromethane)	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	3	1.32
Chloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Dibromochloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1-Dichloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	8	0.603
1,2-Dichloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	6	-3.085
1,1-Dichloroethene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	8	1.37
cis-1,2-Dichloroethene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	8	0.86
1,2-Dichloropropane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	8	0.736
cis-1,3-Dichloropropene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
trans-1,3-Dichloropropene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Ethylbenzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	8	0.790
4-Methyl-2-pentanone	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Styrene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1,2,2-Tetrachloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Tetrachloroethene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	8	0.745
Toluene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	7	1.108
1,1,2-Trichloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	4	0.744
Xylene (total)	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	8	0.998

Notes:
CV = Coefficient of Variation
ND = Not Detected

TABLE 2B

SUMMARY OF MONITORING DATA
ONE LINE ROAD SOUTH
FISHER CALO SITE

Analyte	Chemical Trend Well CRA-22A			Boundary Well CRA-24A			Extraction Well EWIS-1			Extraction Well EWIS-2			Extraction Well EWIS-3			Extraction Well EWIS-4		
	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV
Site Specific Compounds																		
1,1,1-Trichloroethane	8	8	0.172	8	8	0.360	8	8	0.377	8	8	0.137	8	8	0.135	8	8	0.212
Methylene chloride	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	2	0.430	8	2	0.647
trans-1,2-Dichloroethene	8	8	0.366	8	0	ND	8	8	0.327	8	8	0.440	8	0	ND	8	1	0.310
Trichloroethene	8	8	0.146	8	8	0.47	8	8	0.26	8	8	0.144	8	8	0.143	8	8	0.129
Vinyl chloride	8	0	ND	8	1	0.331	8	8	0.374	8	8	0.212	8	0	ND	8	0	ND
Volatile Organic Compounds																		
Acetone	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Benzene	8	0	ND	8	0	ND	8	7	0.234	8	8	0.190	8	0	ND	8	0	ND
Bromodichloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromoform	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromomethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
2-Butanone	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Carbon disulfide	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Carbon tetrachloride	8	0	ND	8	0	ND	8	0	ND	8	1	-1.24	8	0	ND	8	0	ND
Chlorobenzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Chloroform (Trichloromethane)	8	8	0.60	8	0	ND	8	0	ND	8	8	0.245	8	8	0.208	8	8	0.520
Chloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Dibromochloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1-Dichloroethane	8	8	0.136	8	1	0.713	8	8	0.292	8	8	0.181	8	8	0.351	8	8	0.135
1,2-Dichloroethane	8	0	ND	8	0	ND	8	8	0.286	8	6	0.42	8	0	ND	8	6	0.432
1,1-Dichloroethene	8	8	0.753	8	6	-2.078	8	3	-1.118	8	8	0.367	8	8	0.418	8	7	0.463
cis-1,2-Dichloroethene	8	8	0.325	8	1	0.713	8	8	0.356	8	8	0.143	8	8	0.232	8	8	0.105
1,2-Dichloropropane	8	0	ND	8	0	ND	8	0	ND	8	2	0.387	8	0	ND	8	0	ND
cis-1,3-Dichloropropene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
trans-1,3-Dichloropropene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Ethylbenzene	8	0	ND	8	0	ND	8	3	0.457	8	0	ND	8	0	ND	8	0	ND
4-Methyl-2-pentanone	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Styrene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1,2,2-Tetrachloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Tetrachloroethene	8	8	0.325	8	0	ND	8	2	-1.59	8	8	0.236	8	8	0.178	8	8	0.163
Toluene	8	0	ND	8	0	ND	8	1	0.44	8	1	0.435	8	0	ND	8	0	ND
1,1,2-Trichloroethane	8	0	ND	8	0	ND	8	0	ND	8	2	0.590	8	0	ND	8	0	ND
Xylene (total)	8	0	ND	8	0	ND	8	3	0.458	8	1	-0.93	8	0	ND	8	0	ND

Notes:
CV = Coefficient of Variation
ND = Not Detected

TABLE 2C

SUMMARY OF MONITORING DATA
TWO LINE ROAD NORTH
FISHER CALO SITE

Analyte	Background Well MW-3			Boundary Well CRA-16B			Boundary Well CRA-48			Boundary Well MW-9			Boundary Well MW-25		
	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV
Site Specific Compounds															
1,1,1-Trichloroethane	8	0	ND	8	0	ND	8	8	0.247	8	0	ND	8	0	ND
Methylene chloride	8	0	ND	8	0	ND	8	0	ND	8	1	0.534	8	0	ND
trans-1,2-Dichloroethene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Trichloroethene	8	0	ND	8	0	ND	8	0	ND	8	1	0.475	8	0	ND
Vinyl chloride	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Volatile Organic Compounds															
Acetone	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Benzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromodichloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromoform	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromomethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
2-Butanone	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Carbon disulfide	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Carbon tetrachloride	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Chlorobenzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Chloroform (Trichloromethane)	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Chloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Dibromochloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1-Dichloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,2-Dichloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1-Dichloroethene	8	0	ND	8	0	ND	8	4	0.757	8	0	ND	8	0	ND
cis-1,2-Dichloroethene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,2-Dichloropropane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
cis-1,3-Dichloropropene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
trans-1,3-Dichloropropene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Ethylbenzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
4-Methyl-2-pentanone	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Styrene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1,2,2-Tetrachloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Tetrachloroethene	8	0	ND	8	1	0.713	8	0	ND	8	0	ND	8	0	ND
Toluene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1,2-Trichloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Xylene (total)	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND

Notes:
CV = Coefficient of Variation
ND = Not Detected

TABLE 2C

SUMMARY OF MONITORING DATA
TWO LINE ROAD NORTH
FISHER CALO SITE

Analyte	Boundary Well MW-48			Chemical Trend Well CRA-16A			Chemical Trend Well CRA-33			Extraction Well EW2N-2			Extraction Well EW2N-3			Extraction Well EW2N-4		
	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV
Site Specific Compounds																		
1,1,1-Trichloroethane	8	0	ND	8	8	0.992	8	4	0.799	8	0	ND	8	2	0.581	8	4	2.792
Methylene chloride	8	0	ND	8	0	ND	8	5	0.68	8	0	ND	8	0	ND	8	0	ND
trans-1,2-Dichloroethene	8	0	ND	8	1	0.401	8	8	0.405	8	0	ND	8	0	ND	8	0	ND
Trichloroethene	8	0	ND	8	7	0.477	8	7	0.769	8	0	ND	8	0	ND	8	0	ND
Vinyl chloride	8	0	ND	8	0	ND	8	8	0.30	8	0	ND	8	0	ND	8	0	ND
Volatile Organic Compounds																		
Acetone	8	0	ND	8	1	0.539	8	7	0.868	8	0	ND	8	0	ND	8	0	ND
Benzene	8	0	ND	8	0	ND	8	8	0.307	8	0	ND	8	0	ND	8	0	ND
Bromodichloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromoform	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromomethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
2-Butanone	8	0	ND	8	0	ND	8	2	1.303	8	0	ND	8	0	ND	8	0	ND
Carbon disulfide	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Carbon tetrachloride	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Chlorobenzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Chloroform (Trichloromethane)	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Chloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Dibromochloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1-Dichloroethane	8	0	ND	8	8	0.584	8	8	0.895	8	0	ND	8	0	ND	8	8	0.451
1,2-Dichloroethane	8	0	ND	8	0	ND	8	8	0.593	8	0	ND	8	0	ND	8	0	ND
1,1-Dichloroethene	8	0	ND	8	8	0.64	8	7	0.571	8	0	ND	8	0	ND	8	5	0.7
cis-1,2-Dichloroethene	8	0	ND	8	8	0.539	8	8	0.698	8	0	ND	8	0	ND	8	8	0.637
1,2-Dichloropropane	8	0	ND	8	0	ND	8	8	0.402	8	0	ND	8	0	ND	8	0	ND
cis-1,3-Dichloropropene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
trans-1,3-Dichloropropene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Ethylbenzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
4-Methyl-2-pentanone	8	0	ND	8	0	ND	8	7	0.82	8	0	ND	8	0	ND	8	0	ND
Styrene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1,2,2-Tetrachloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Tetrachloroethene	8	0	ND	8	8	0.51	8	1	-2.051	8	0	ND	8	0	ND	8	0	ND
Toluene	8	0	ND	8	0	ND	8	8	0.68	8	0	ND	8	0	ND	8	0	ND
1,1,2-Trichloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Xylene (total)	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND

Notes:
CV = Coefficient of Variation
ND = Not Detected

TABLE 2D

SUMMARY OF MONITORING DATA
SPACE LEASING AREA
FISHER CALO SITE

	Background Well MW-67			Boundary Well CRA-39B			Background Well CRA-55			Boundary Well CRA-57			Boundary Well CRA-61		
	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV
Site Specific Compounds															
1,1,1-Trichloroethane	8	0	ND	8	0	ND	8	8	0.277	8	0	ND	8	0	ND
Methylene chloride	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
trans-1,2-Dichloroethene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Trichloroethene	8	0	ND	8	0	ND	8	1	0.853	8	1	-5.2	8	0	ND
Vinyl chloride	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Volatile Organic Compounds															
Acetone	8	0	ND	8	1	0.471	8	0	ND	8	0	ND	8	0	ND
Benzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromodichloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromoform	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromomethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
2-Butanone	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Carbon disulfide	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Carbon tetrachloride	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Chlorobenzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Chloroform (Trichloromethane)	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Chloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Dibromochloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1-Dichloroethane	8	0	ND	8	0	ND	8	8	0.848	8	0	ND	8	0	ND
1,2-Dichloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1-Dichloroethene	8	0	ND	8	0	ND	8	8	0.375	8	0	ND	8	0	ND
1,2-Dichloropropane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
cis-1,2-Dichloroethene	8	0	ND	8	0	ND	8	8	0.541	8	0	ND	8	1	0.421
cis-1,3-Dichloropropene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
trans-1,3-Dichloropropene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Ethylbenzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
4-Methyl-2-pentanone	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Styrene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Tetrachloroethene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1,2,2-Tetrachloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Toluene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1,2-Trichloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Xylene (total)	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND

Notes:
CV = Coefficient of Variation
ND = Not Detected

TABLE 2D

SUMMARY OF MONITORING DATA
SPACE LEASING AREA
FISHER CALO SITE

	Chemical Trend Well			*Chemical Trend Well*			*Extraction Well*			*Extraction Well*			*Extraction Well*			*Extraction Well*		
	CRA-39			*CRA-54*			*EWSL-1*			*EWSL-2*			*EWSL-3*			*EWSL-4*		
	# Samples	*# Detects*	*CV*	*# Samples*	*# Detects*	*CV*	*# Samples*	*# Detects*	*CV*	*# Samples*	*# Detects*	*CV*	*# Samples*	*# Detects*	*CV*	*# Samples*	*# Detects*	*CV*
Site Specific Compounds																		
1,1,1-Trichloroethane	8	8	0.221	8	8	0.374	8	8	0.433	8	8	0.15	8	0	ND	8	1	0.421
Methylene chloride	8	2	0.452	8	5	2.881	8	5	0.585	8	0	ND	8	0	ND	8	0	ND
trans-1,2-Dichloroethene	8	8	0.331	8	8	0.248	8	8	0.13	8	8	0.430	8	0	ND	8	5	0.64
Trichloroethene	8	8	0.352	8	1	-2.156	8	8	0.330	8	8	0.297	8	0	ND	8	1	0.527
Vinyl chloride	8	0	ND	8	2	-3.819	8	0	ND	8	0	ND	8	0	ND	8	3	0.308
													8					
Volatile Organic Compounds													8					
Acetone	8	2	1.636	8	1	2.295	8	0	ND	8	4	1.075	8	0	ND	8	1	0.471
Benzene	8	3	0.958	8	0	ND	8	3	0.913	8	0	ND	8	0	ND	8	0	ND
Bromodichloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromoform	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Bromomethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
2-Butanone	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Carbon disulfide	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Carbon tetrachloride	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Chlorobenzene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Chloroform (Trichloromethane)	8	0	ND	8	0	ND	8	0	ND	8	1	-0.906	8	0	ND	8	0	ND
Chloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Dibromochloromethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1-Dichloroethane	8	8	0.34	8	8	0.443	8	8	0.299	8	8	0.2	8	0	ND	8	8	0.229
1,2-Dichloroethane	8	0	ND	8	2	-3.338	8	3	0.845	8	0	ND	8	0	ND	8	3	0.492
1,1-Dichloroethene	8	6	0.31	8	7	0.451	8	8	0.204	8	8	0.708	8	0	ND	8	3	0.551
1,2-Dichloropropane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
cis-1,2-Dichloroethene	8	8	0.294	8	8	0.24	8	8	0.283	8	8	0.3	8	4	0.651	8	8	0.491
cis-1,3-Dichloropropene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
trans-1,3-Dichloropropene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Ethylbenzene	8	8	0.185	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
4-Methyl-2-pentanone	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Styrene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Tetrachloroethene	8	8	0.348	8	0	ND	8	0	ND	8	3	-7.344	8	0	ND	8	0	ND
1,1,2,2-Tetrachloroethane	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Toluene	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND
1,1,2-Trichloroethane	8	0	ND	8	8	3.953	8	0	ND	8	0	ND	8	0	ND	8	0	ND
Xylene (total)	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND	8	0	ND

Notes:
CV = Coefficient of Variation
ND = Not Detected

TABLE 3A
99 PERCENT LOWER CONFIDENCE LIMIT EVALUATION
ONE LINE ROAD NORTH
FISHER CALO SITE

Analyte	Units	Action Level	Source	Background Well CRA-14 # Samples	Background Well CRA-14 LCL	Boundary Well CRA-27B # Samples	Boundary Well CRA-27B LCL	Boundary Well CRA-31A # Samples	Boundary Well CRA-31A LCL	Boundary Well CRA-58 # Samples	Boundary Well CRA-58 LCL	Boundary Well CRA-59 # Samples	Boundary Well CRA-59 LCL	Boundary Well CRA-60 # Samples	Boundary Well CRA-60 LCL
Site Specific Compounds															
1,1,1-Trichloroethane	µg/L	200	SOW	8	ND	8	ND	8	ND	8	-2.20	8	ND	8	ND
Methylene chloride	µg/L	5	SOW	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
trans-1,2-Dichloroethene	µg/L	100	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Trichloroethene	µg/L	5	SOW	8	0.17	8	ND	8	ND	8	-2.02	8	ND	8	ND
Vinyl chloride	µg/L	2	SOW	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Volatile Organic Compounds															
Acetone	µg/L	3500	DWEL	8	ND	8	ND	8	0.61	8	ND	8	0.36	8	ND
Benzene	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Bromodichloromethane	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Bromoform	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Bromomethane	µg/L	40	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
2-Butanone	µg/L	21000	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Carbon disulfide	µg/L	3500	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Carbon tetrachloride	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Chlorobenzene	µg/L	100	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Chloroform (Trichloromethane)	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Chloromethane	µg/L	100	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Dibromochloromethane	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
1,1-Dichloroethane	µg/L	3500	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
1,2-Dichloroethane	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
1,1-Dichloroethene	µg/L	7	PMCL	8	ND	8	ND	8	ND	8	0.14	8	ND	8	ND
cis-1,2-Dichloroethene	µg/L	70	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
1,2-Dichloropropane	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
cis-1,3-Dichloropropene	µg/L	87	IWQS-2	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
trans-1,3-Dichloropropene	µg/L	87	IWQS-2	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Ethylbenzene	µg/L	700	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
4-Methyl-2-pentanone	µg/L	2800	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Styrene	µg/L	100	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
1,1,2,2-Tetrachloroethane	µg/L	1.7	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Tetrachloroethene	µg/L	5	IWQS	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Toluene	µg/L	1000	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
1,1,2-Trichloroethane	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Xylene (total)	µg/L	10000	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND

Notes:

LCL - Lower Confidence Limit (99% probability)

ND - Non detections of parameter in any monitoring events. LCL not calculated.

"--" - Less than 4 samples collected. Lower Confidence Limit not calculated.

Bold font indicates exceedance of action level.

TABLE 3A
99 PERCENT LOWER CONFIDENCE LIMIT EVALUATION
ONE LINE ROAD NORTH
FISHER CALO SITE

Analyte	Units	Action Level	Source	Boundary Well CRA-64		Chemical Trend Well CRA-28		Chemical Trend Well CRA-42		Chemical Trend Well MW-36		Extraction Well EW1N-1		Extraction Well EW1N-2		Extraction Well EW1N-4	
				# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL
Site Specific Compounds																	
1,1,1-Trichloroethane	µg/L	200	SOW	8	ND	8	51.30	8	163.48	8	45.80	8	16.50	8	18.45	8	-1.80
Methylene chloride	µg/L	5	SOW	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
trans-1,2-Dichloroethene	µg/L	100	PMCL	8	ND	8	0.19	8	-0.21	8	-0.01	8	0.19	8	0.18	8	ND
Trichloroethene	µg/L	5	SOW	8	ND	8	**751.34**	8	**520.90**	8	**93.16**	8	**36.49**	8	**63.72**	8	ND
Vinyl chloride	µg/L	2	SOW	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Volatile Organic Compounds																	
Acetone	µg/L	3500	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Benzene	µg/L	5	PMCL	8	ND	8	0.09	8	0.12	8	ND	8	ND	8	ND	8	ND
Bromodichloromethane	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Bromoform	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Bromomethane	µg/L	40	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
2-Butanone	µg/L	21000	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Carbon disulfide	µg/L	3500	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Carbon tetrachloride	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Chlorobenzene	µg/L	100	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Chloroform (Trichloromethane)	µg/L	100	PMCL-1	8	ND	8	ND	8	0.36	8	0.24	8	ND	8	ND	8	ND
Chloromethane	µg/L	100	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Dibromochloromethane	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
1,1-Dichloroethane	µg/L	3500	DWEL	8	ND	8	-0.56	8	11.76	8	5.74	8	0.76	8	1.08	8	ND
1,2-Dichloroethane	µg/L	5	PMCL	8	ND	8	ND	8	**12.66**	8	-0.53	8	ND	8	1.40	8	ND
1,1-Dichloroethene	µg/L	7	PMCL	8	ND	8	-0.68	8	6.52	8	-0.56	8	0.12	8	0.53	8	0.18
cis-1,2-Dichloroethene	µg/L	70	PMCL	8	ND	8	0.36	8	**90.18**	8	-7.71	8	0.52	8	9.65	8	0.29
1,2-Dichloropropane	µg/L	5	PMCL	8	ND	8	ND	8	0.09	8	0.55	8	ND	8	ND	8	ND
cis-1,3-Dichloropropene	µg/L	87	IWQS-2	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
trans-1,3-Dichloropropene	µg/L	87	IWQS-2	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Ethylbenzene	µg/L	700	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
4-Methyl-2-pentanone	µg/L	2800	DWEL	8	ND	8	ND	8	ND	8	ND	8	0.38	8	ND	8	ND
Styrene	µg/L	100	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
1,1,2,2-Tetrachloroethane	µg/L	1.7	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Tetrachloroethene	µg/L	5	IWQS	8	ND	8	ND	8	ND	8	**7.91**	8	0.19	8	ND	8	ND
Toluene	µg/L	1000	PMCL	8	ND	8	ND	8	ND	8	ND	8	-2.33	8	ND	8	ND
1,1,2-Trichloroethane	µg/L	5	PMCL	8	ND	8	ND	8	0.05	8	0.23	8	ND	8	ND	8	ND
Xylene (total)	µg/L	10000	PMCL	8	ND	8	ND	8	ND	8	0.20	8	ND	8	ND	8	ND

Notes:

LCL - Lower Confidence Limit (99% probability)

ND - Non detections of parameter in any monitoring events.

"--" - Less than 4 samples collected. Lower Confidence Limi

Bold font indicates exceedance of action level.

TABLE 3B

99 PERCENT LOWER CONFIDENCE LIMIT EVALUATION
ONE LINE ROAD SOUTH
FISHER CALO SITE

Analyte	Units	Action Level	Source	Background Well CRA-23		Boundary Well CRA-24A		Boundary Well CRA-24B		Boundary Well CRA-25		Boundary Well CRA-34A		Boundary Well CRA-34B		Chemical Trend Well CRA-20A		Chemical Trend Well CRA-22A	
				# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL
Site Specific Compounds																			
1,1,1-Trichloroethane	µg/L	200	SOW	8	ND	8	1.89	8	ND	8	ND	8	ND	8	ND	8	-1.35	8	96.12
Methylene chloride	µg/L	5	SOW	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
trans-1,2-Dichloroethene	µg/L	100	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	15.13	8	0.77
Trichloroethene	µg/L	5	SOW	8	ND	8	1.41	8	0.17	8	ND	8	ND	8	ND	8	1.74	8	**110.71**
Vinyl chloride	µg/L	2	SOW	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	**13.94**	8	ND
Volatile Organic Compounds																			
Acetone	µg/L	3500	DWEL	8	ND	8	ND	8	0.75	8	ND	8	ND	8	ND	8	ND	8	ND
Benzene	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	1.27	8	ND
Bromodichloromethane	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Bromoform	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Bromomethane	µg/L	40	DWEL	8	ND	8	ND	8	0.13	8	ND	8	ND	8	ND	8	ND	8	ND
2-Butanone	µg/L	21000	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Carbon disulfide	µg/L	3500	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Carbon tetrachloride	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Chlorobenzene	µg/L	100	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	0.18	8	ND
Chloroform (Trichloromethane)	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	-0.65	8	1.32
Chloromethane	µg/L	100	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Dibromochloromethane	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
1,1-Dichloroethane	µg/L	3500	DWEL	8	ND	8	0.09	8	ND	8	ND	8	ND	8	ND	8	371.88	8	40.65
1,2-Dichloroethane	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	-1.51	8	ND
1,1-Dichloroethene	µg/L	7	PMCL	8	ND	8	-0.11	8	ND	8	ND	8	ND	8	ND	8	0.60	8	0.59
cis-1,2-Dichloroethene	µg/L	70	PMCL	8	ND	8	0.09	8	ND	8	ND	8	ND	8	ND	8	**142.29**	8	8.95
1,2-Dichloropropane	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	0.61	8	ND
cis-1,3-Dichloropropene	µg/L	87	IWQS-2	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
trans-1,3-Dichloropropene	µg/L	87	IWQS-2	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Ethylbenzene	µg/L	700	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	8.55	8	ND
4-Methyl-2-pentanone	µg/L	2800	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Styrene	µg/L	100	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
1,1,2,2-Tetrachloroethane	µg/L	1.7	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Tetrachloroethene	µg/L	5	IWQS	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	0.59	8	4.41
Toluene	µg/L	1000	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	-0.70	8	ND
1,1,2-Trichloroethane	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	0.21	8	ND
Xylene (total)	µg/L	10000	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	-2.66	8	ND

Notes:

LCL - Lower Confidence Limit (99% probability)

ND - Non detections of parameter in any monitoring events. LCL not calculated.

"--" - Less than 4 samples collected. Lower Confidence Limit not calculated.

Bold font indicates exceedance of action level.

TABLE 3B

99 PERCENT LOWER CONFIDENCE LIMIT EVALUATION
ONE LINE ROAD SOUTH
FISHER CALO SITE

Analyte	Units	Action Level	Source	Extraction Well EW1S-1 # Samples	Extraction Well EW1S-1 LCL	Extraction Well EW1S-2 # Samples	Extraction Well EW1S-2 LCL	Extraction Well EW1S-3 # Samples	Extraction Well EW1S-3 LCL	Extraction Well EW1S-4 # Samples	Extraction Well EW1S-4 LCL
Site Specific Compounds											
1,1,1-Trichloroethane	µg/L	200	SOW	8	13.73	8	75.30	8	100.74	8	24.97
Methylene chloride	µg/L	5	SOW	8	ND	8	ND	8	0.28	8	0.14
trans-1,2-Dichloroethene	µg/L	100	PMCL	8	7.79	8	29.19	8	ND	8	0.20
Trichloroethene	µg/L	5	SOW	8	1.69	8	**71.11**	8	**114.57**	8	**5.28**
Vinyl chloride	µg/L	2	SOW	8	**9.89**	8	**69.09**	8	ND	8	ND
Volatile Organic Compounds											
Acetone	µg/L	3500	DWEL	8	ND	8	ND	8	ND	8	ND
Benzene	µg/L	5	PMCL	8	0.46	8	0.80	8	ND	8	ND
Bromodichloromethane	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND
Bromoform	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND
Bromomethane	µg/L	40	DWEL	8	ND	8	ND	8	ND	8	ND
2-Butanone	µg/L	21000	DWEL	8	ND	8	ND	8	ND	8	ND
Carbon disulfide	µg/L	3500	DWEL	8	ND	8	ND	8	ND	8	ND
Carbon tetrachloride	µg/L	5	PMCL	8	ND	8	-2.09	8	ND	8	ND
Chlorobenzene	µg/L	100	PMCL	8	ND	8	ND	8	ND	8	ND
Chloroform (Trichloromethane)	µg/L	100	PMCL-1	8	ND	8	0.58	8	8.53	8	24.97
Chloromethane	µg/L	100	DWEL	8	ND	8	ND	8	ND	8	ND
Dibromochloromethane	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND
1,1-Dichloroethane	µg/L	3500	DWEL	8	112.22	8	392.08	8	7.22	8	14.08
1,2-Dichloroethane	µg/L	5	PMCL	8	**7.40**	8	0.84	8	ND	8	0.34
1,1-Dichloroethene	µg/L	7	PMCL	8	-0.16	8	2.52	8	3.57	8	1.00
cis-1,2-Dichloroethene	µg/L	70	PMCL	8	53.45	8	**357.54**	8	3.35	8	5.43
1,2-Dichloropropane	µg/L	5	PMCL	8	ND	8	0.20	8	ND	8	ND
cis-1,3-Dichloropropene	µg/L	87	IWQS-2	8	ND	8	ND	8	ND	8	ND
trans-1,3-Dichloropropene	µg/L	87	IWQS-2	8	ND	8	ND	8	ND	8	ND
Ethylbenzene	µg/L	700	PMCL	8	0.36	8	ND	8	ND	8	ND
4-Methyl-2-pentanone	µg/L	2800	DWEL	8	ND	8	ND	8	ND	8	ND
Styrene	µg/L	100	PMCL	8	ND	8	ND	8	ND	8	ND
1,1,2,2-Tetrachloroethane	µg/L	1.7	PMCL	8	ND	8	ND	8	ND	8	ND
Tetrachloroethene	µg/L	5	IWQS	8	-1.58	8	4.43	8	**7.32**	8	**21.04**
Toluene	µg/L	1000	PMCL	8	0.18	8	0.18	8	ND	8	ND
1,1,2-Trichloroethane	µg/L	5	PMCL	8	ND	8	0.18	8	ND	8	ND
Xylene (total)	µg/L	10000	PMCL	8	0.22	8	-0.07	8	ND	8	ND

Notes:
LCL - Lower Confidence Limit (99% probability)
ND - Non detections of parameter in any monitoring events. LC
"--" - Less than 4 samples collected. Lower Confidence Limit no
Bold font indicates exceedance of action level.

TABLE 3C

99 PERCENT LOWER CONFIDENCE LIMIT EVALUATION
TWO LINE ROAD NORTH
FISHER CALO SITE

Analyte	Units	Action Level	Source	Background Well MW-3		Boundary Well CRA-16B		Boundary Well CRA-48		Boundary Well MW-9		Boundary Well MW-25		Boundary Well MW-48		hemical Trend Wel CRA-16A		Chemical Trend Well CRA-33	
				# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL
Site Specific Compounds																			
1,1,1-Trichloroethane	µg/L	200	SOW	8	ND	8	ND	8	33.71	8	ND	8	ND	8	ND	8	-0.479	8	0.147
Methylene chloride	µg/L	5	SOW	8	ND	8	ND	8	ND	8	0.166	8	ND	8	ND	8	ND	8	0.558
trans-1,2-Dichloroethene	µg/L	100	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	0.168	8	15.094
Trichloroethene	µg/L	5	SOW	8	ND	8	ND	8	ND	8	0.183	8	ND	8	ND	8	1.23	8	0.221
Vinyl chloride	µg/L	2	SOW	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	**3.679**
Volatile Organic Compounds																			
Acetone	µg/L	3500	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	0.696	8	0.294
Benzene	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	**13.404**
Bromodichloromethane	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Bromoform	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Bromomethane	µg/L	40	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
2-Butanone	µg/L	21000	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	-0.603
Carbon disulfide	µg/L	3500	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Carbon tetrachloride	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Chlorobenzene	µg/L	100	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Chloroform (Trichloromethane)	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Chloromethane	µg/L	100	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Dibromochloromethane	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
1,1-Dichloroethane	µg/L	3500	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	1.236	8	14.079
1,2-Dichloroethane	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	**20.464**
1,1-Dichloroethene	µg/L	7	PMCL	8	ND	8	ND	8	0.15	8	ND	8	ND	8	ND	8	1.158	8	0.182
cis-1,2-Dichloroethene	µg/L	70	PMCL	8	ND	8	ND	8	0.19	8	ND	8	ND	8	ND	8	5.226	8	54.897
1,2-Dichloropropane	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	1.52
cis-1,3-Dichloropropene	µg/L	87	IWQS-2	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
trans-1,3-Dichloropropene	µg/L	87	IWQS-2	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Ethylbenzene	µg/L	700	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
4-Methyl-2-pentanone	µg/L	2800	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	97.271
Styrene	µg/L	100	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
1,1,2,2-Tetrachloroethane	µg/L	1.7	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Tetrachloroethene	µg/L	5	IWQS	8	0.18	8	0.092	8	ND	8	ND	8	ND	8	ND	8	**55.16**	8	-1.95
Toluene	µg/L	1000	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	100.89
1,1,2-Trichloroethane	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Xylene (total)	µg/L	10000	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND

Notes:
LCL - Lower Confidence Limit (99% probability)
ND - Non detections of parameter in any monitoring events. LCL not calculated.
"--" - Less than 4 samples collected. Lower Confidence Limit not calculated.
Bold font indicates exceedance of action level.

TABLE 3C

99 PERCENT LOWER CONFIDENCE LIMIT EVALUATION
TWO LINE ROAD NORTH
FISHER CALO SITE

Analyte	*Units*	*Action Level*	*Source*	*Extraction Well EW2N-2*		*Extraction Well EW2N-3*		*Extraction Well EW2N-4*	
				# Samples	*LCL*	*# Samples*	*LCL*	*# Samples*	*LCL*
Site Specific Compounds									
1,1,1-Trichloroethane	µg/L	200	SOW	8	ND	8	0.158	8	-1.71
Methylene chloride	µg/L	5	SOW	8	ND	8	ND	8	ND
trans-1,2-Dichloroethene	µg/L	100	PMCL	8	ND	8	ND	8	ND
Trichloroethene	µg/L	5	SOW	8	ND	8	ND	8	ND
Vinyl chloride	µg/L	2	SOW	8	ND	8	ND	8	ND
Volatile Organic Compounds									
Acetone	µg/L	3500	DWEL	8	ND	8	ND	8	ND
Benzene	µg/L	5	PMCL	8	ND	8	ND	8	ND
Bromodichloromethane	µg/L	100	PMCL-1	8	ND	8	ND	8	ND
Bromoform	µg/L	100	PMCL-1	8	ND	8	ND	8	ND
Bromomethane	µg/L	40	DWEL	8	ND	8	ND	8	ND
2-Butanone	µg/L	21000	DWEL	8	ND	8	ND	8	ND
Carbon disulfide	µg/L	3500	DWEL	8	ND	8	ND	8	ND
Carbon tetrachloride	µg/L	5	PMCL	8	ND	8	ND	8	ND
Chlorobenzene	µg/L	100	PMCL	8	ND	8	ND	8	ND
Chloroform (Trichloromethane)	µg/L	100	PMCL-1	8	ND	8	ND	8	ND
Chloromethane	µg/L	100	DWEL	8	ND	8	ND	8	ND
Dibromochloromethane	µg/L	100	PMCL-1	8	ND	8	ND	8	ND
1,1-Dichloroethane	µg/L	3500	DWEL	8	ND	8	ND	8	1.364
1,2-Dichloroethane	µg/L	5	PMCL	8	ND	8	ND	8	ND
1,1-Dichloroethene	µg/L	7	PMCL	8	ND	8	ND	8	0.231
cis-1,2-Dichloroethene	µg/L	70	PMCL	8	ND	8	ND	8	4.366
1,2-Dichloropropane	µg/L	5	PMCL	8	ND	8	ND	8	ND
cis-1,3-Dichloropropene	µg/L	87	IWQS-2	8	ND	8	ND	8	ND
trans-1,3-Dichloropropene	µg/L	87	IWQS-2	8	ND	8	ND	8	ND
Ethylbenzene	µg/L	700	PMCL	8	ND	8	ND	8	ND
4-Methyl-2-pentanone	µg/L	2800	DWEL	8	ND	8	ND	8	ND
Styrene	µg/L	100	PMCL	8	ND	8	ND	8	ND
1,1,2,2-Tetrachloroethane	µg/L	1.7	PMCL	8	ND	8	ND	8	ND
Tetrachloroethene	µg/L	5	IWQS	8	ND	8	ND	8	ND
Toluene	µg/L	1000	PMCL	8	ND	8	ND	8	ND
1,1,2-Trichloroethane	µg/L	5	PMCL	8	ND	8	ND	8	ND
Xylene (total)	µg/L	10000	PMCL	8	ND	8	ND	8	ND

Notes:
LCL - Lower Confidence Limit (99% probability)
ND - Non detections of parameter in any monitoring events. LCL not
"--" - Less than 4 samples collected. Lower Confidence Limit not calc
Bold font indicates exceedance of action level.

TABLE 3D

99 PERCENT LOWER CONFIDENCE LIMIT EVALUATION
SPACE LEASING AREA
FISHER CALO SITE

Analyte	Units	Action Level	Source	Background Well MW-67		Boundary Well CRA-39B		Boundary Well CRA-55		Boundary Well CRA-57		Boundary Well CRA-61		Chemical Trend Well CRA-39	
				# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL
Site Specific Compounds															
1,1,1-Trichloroethane	µg/L	200	SOW	8	ND	8	ND	8	77.31	8	ND	8	ND	8	18.85
Methylene chloride	µg/L	5	SOW	8	ND	8	ND	8	ND	8	ND	8	ND	8	0.19
trans-1,2-Dichloroethene	µg/L	100	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	1.22
Trichloroethene	µg/L	5	SOW	8	ND	8	ND	8	0.05	8	-1.82	8	ND	8	**236.12**
Vinyl chloride	µg/L	2	SOW	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Volatile Organic Compounds															
Acetone	µg/L	3500	DWEL	8	ND	8	0.75	8	0.64	8	ND	8	ND	8	-0.53
Benzene	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	-0.01
Bromodichloromethane	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Bromoform	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Bromomethane	µg/L	40	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
2-Butanone	µg/L	21000	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Carbon disulfide	µg/L	3500	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Carbon tetrachloride	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Chlorobenzene	µg/L	100	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Chloroform (Trichloromethane)	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Chloromethane	µg/L	100	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Dibromochloromethane	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
1,1-Dichloroethane	µg/L	3500	DWEL	8	ND	8	ND	8	0.79	8	ND	8	ND	8	38.04
1,2-Dichloroethane	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
1,1-Dichloroethene	µg/L	7	PMCL	8	ND	8	ND	8	2.76	8	ND	8	ND	8	1.21
cis-1,2-Dichloroethene	µg/L	70	PMCL	8	ND	8	ND	8	0.38	8	ND	8	0.20	8	**185.82**
1,2-Dichloropropane	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
cis-1,3-Dichloropropene	µg/L	87	IWQS-2	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
trans-1,3-Dichloropropene	µg/L	87	IWQS-2	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Ethylbenzene	µg/L	700	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	4.66
4-Methyl-2-pentanone	µg/L	2800	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Styrene	µg/L	100	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
1,1,2,2-Tetrachloroethane	µg/L	1.7	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Tetrachloroethene	µg/L	5	IWQS	8	ND	8	ND	8	ND	8	ND	8	ND	8	**10.38**
Toluene	µg/L	1000	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
1,1,2-Trichloroethane	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND
Xylene (total)	µg/L	10000	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND	8	ND

Notes:
LCL - Lower Confidence Limit (99% probability)
ND - Non detections of parameter in any monitoring events. LCL not calculated.
"--" - Less than 4 samples collected. Lower Confidence Limit not calculated.
Bold font indicates exceedance of action level.

TABLE 3D

99 PERCENT LOWER CONFIDENCE LIMIT EVALUATION
SPACE LEASING AREA
FISHER CALO SITE

Analyte	*Units*	*Action Level*	*Source*	*Chemical Trend Well CRA-54*		*Extraction Well EWSL-1*		*Extraction Well EWSL-2*		*Extraction Well EWSL-3*		*Extraction Well EWSL-4*	
				# Samples	*LCL*	*# Samples*	*LCL*	*# Samples*	*LCL*	*# Samples*	*LCL*	*# Samples*	*LCL*
Site Specific Compounds													
1,1,1-Trichloroethane	µg/L	200	SOW	8	133.92	8	0.92	8	**222.98**	8	ND	8	0.20
Methylene chloride	µg/L	5	SOW	8	-0.83	8	0.42	8	ND	8	ND	8	ND
trans-1,2-Dichloroethene	µg/L	100	PMCL	8	16.13	8	7.04	8	1.22	8	ND	8	0.30
Trichloroethene	µg/L	5	SOW	8	-2.09	8	**9.75**	8	**48.16**	8	ND	8	0.15
Vinyl chloride	µg/L	2	SOW	8	-1.79	8	ND	8	ND	8	ND	8	0.31
Volatile Organic Compounds													
Acetone	µg/L	3500	DWEL	8	-0.90	8	ND	8	-0.20	8	ND	8	0.75
Benzene	µg/L	5	PMCL	8	ND	8	0.03	8	ND	8	ND	8	ND
Bromodichloromethane	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND
Bromoform	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND
Bromomethane	µg/L	40	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND
2-Butanone	µg/L	21000	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND
Carbon disulfide	µg/L	3500	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND
Carbon tetrachloride	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND
Chlorobenzene	µg/L	100	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND
Chloroform (Trichloromethane)	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND
Chloromethane	µg/L	100	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND
Dibromochloromethane	µg/L	100	PMCL-1	8	ND	8	ND	8	ND	8	ND	8	ND
1,1-Dichloroethane	µg/L	3500	DWEL	8	194.68	8	105.03	8	45.31	8	ND	8	77.01
1,2-Dichloroethane	µg/L	5	PMCL	8	-1.77	8	0.09	8	ND	8	ND	8	0.18
1,1-Dichloroethene	µg/L	7	PMCL	8	8.03	8	1.80	8	3.00	8	ND	8	0.17
cis-1,2-Dichloroethene	µg/L	70	PMCL	8	**982.87**	8	**263.04**	8	**128.58**	8	0.18	8	25.77
1,2-Dichloropropane	µg/L	5	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND
cis-1,3-Dichloropropene	µg/L	87	IWQS-2	8	ND	8	ND	8	ND	8	ND	8	ND
trans-1,3-Dichloropropene	µg/L	87	IWQS-2	8	ND	8	ND	8	ND	8	ND	8	ND
Ethylbenzene	µg/L	700	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND
4-Methyl-2-pentanone	µg/L	2800	DWEL	8	ND	8	ND	8	ND	8	ND	8	ND
Styrene	µg/L	100	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND
1,1,2,2-Tetrachloroethane	µg/L	1.7	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND
Tetrachloroethene	µg/L	5	IWQS	8	ND	8	ND	8	-2.00	8	ND	8	ND
Toluene	µg/L	1000	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND
1,1,2-Trichloroethane	µg/L	5	PMCL	8	-0.77	8	ND	8	ND	8	ND	8	ND
Xylene (total)	µg/L	10000	PMCL	8	ND	8	ND	8	ND	8	ND	8	ND

Notes:
LCL - Lower Confidence Limit (99% probability)
ND - Non detections of parameter in any monitoring events. LCL not c
"--" - Less than 4 samples collected. Lower Confidence Limit not calcu
Bold font indicates exceedance of action level.

TABLE 4A

BACKGROUND 95 PERCENT UPPER TOLERANCE LIMITS COMPARISONS
ONE LINE ROAD NORTH
FISHER CALO SITE

Analyte	*Action Level (ug/L)*	*Background 95% UTL(1) (ug/L)*	*Well Name*	*Well Type(2)*	*Nov-02 Results(3) (ug/L)*
Trichloroethene	5	ND (1.0)	CRA-28	CT	**670**
			CRA-42	CT	**1400**
			MW-36	CT	**100**
			EW1N-1	E	**39**
			EW1N-2	E	**64**
cis-1,2-Dichloroethene	70	ND (1.0)	CRA-42	CT	**430**
1,2-Dichloroethane	5	ND (1.0)	CRA-42	CT	**18**
Tetrachloroethene	5	ND (1.0)	MW-36	CT	**9.5**

Notes:

(1) Background well for One Line Road North is CRA-14
(2) Well Types: B = Boundary, CT = Chemical Trend, P = Plume, E = Extraction
(3) **Bold** font indicates exceedance of background

TABLE 4B

BACKGROUND 95 PERCENT UPPER TOLERANCE LIMITS COMPARISONS
ONE LINE ROAD SOUTH
FISHER CALO SITE

Analyte	*Action Level (ug/L)*	*Background 95% UTL(1) (ug/L)*	*Well Name*	*Well Type(2)*	*Nov-02 Results(3) (ug/L)*
Trichloroethene	5	ND (1.0)	CRA-22A	CT	**120**
			EW1S-2	E	**78**
			EW1S-3	E	**140**
			EW1S-4	E	**5.5**
Vinyl Chloride	2	ND (1.0)	EW1S-1	E	**10**
			EW1S-2	E	**69**
			CRA-20A	CT	**42**
1,2-Dichloroethane	5	ND (1.0)	EW1S-1	E	**6.2**
cis-1,2-Dichloroethene	70	ND (1.0)	EW1S-2	E	**360**
			CRA-20A	CT	**880**
Tetrachloroethene	5	ND (1.0)	EW1S-3	E	**12**
			EW1S-4	E	**22**

Notes:
(1) Background well for One Line Road South is MW-3
(2) Well Types: B = Boundary, CT = Chemical Trend, P = Plume, E = Extraction
(3) **Bold** font indicates exceedance of background

TABLE 4C

BACKGROUND 95 PERCENT UPPER TOLERANCE LIMITS COMPARISONS
TWO LINE ROAD NORTH
FISHER CALO SITE

Analyte	*Action Level (ug/L)*	*Background 95% UTL(1) (ug/L)*	*Well Name*	*Well Type(2)*	*Nov-02 Results(3) (ug/L)*
Benzene	5	ND (1.0)	CRA-33	CT	**17**
1,2-Dichloroethane	5	ND (1.0)	CRA-33	CT	**56**
Tetrachloroethene	5	ND (1.0)	CRA-16A	CT	**52**
Vinyl Chloride	2	ND (1.0)	CRA-33	CT	**6.3**

Notes:

(1) Background well for Two Line Road North is MW-3
(2) Well Types: B = Boundary, CT = Chemical Trend, P = Plume, E = Extraction
(3) **Bold** font indicates exceedance of background

TABLE 4D

BACKGROUND 95 PERCENT UPPER TOLERANCE LIMITS COMPARISONS
SPACE LEASING AREA
FISHER CALO SITE

Analyte	*Action Level (ug/L)*	*Background 95% UTL(1) (ug/L)*	*Well Name*	*Well Type(2)*	*Nov-02 Results(3) (ug/L)*
1,1,1-Trichloroethane	200	ND(1.0)	EWSL-2	E	**240**
Trichloroethene	5	ND(1.0)	CRA-39	CT	**460**
			EWSL-1	E	**12**
			EWSL-2	E	**87**
cis-1,2-Dichloroethene	70	ND(1.0)	CRA-39	CT	**260**
			CRA-54	CT	**940**
			EWSL-1	E	**300**
			EWSL-2	E	**290**

Notes:

(1) Background well for Space Leasing Area is MW-67
(2) Well Types: B = Boundary, CT = Chemical Trend, P = Plume, E = Extraction
(3) **Bold** font indicates exceedance of background

TABLE 5A
SUMMARY OF ACTION LEVEL EXCEEDANCES
ONE LINE ROAD NORTH
FISHER-CALO SITE

Analyte	*Units*	*Action Level*	*Source*	*Well*	*# Samples*	*LCL*	*Nov-02 Results (ug/L)*
Trichloroethene	μg/L	5	SOW	CRA-28	8	***711.98***	**670**
			SOW	CRA-42	8	***409.61***	**1400**
			SOW	MW-36	8	***79.92***	**100**
			SOW	EW1N-1	8	***33.64***	**39**
			SOW	EW1N-2	8	***62.07***	**64**
cis-1,2-Dichloroethene	μg/L	70	SOW	CRA-42	8	***90.18***	**430**
1,2-Dichloroethane	μg/L	5	PMCL	CRA-42	8	***11.7***	**18**
Tetrachloroethene	μg/L	5	PMCL	MW-36	8	***7.59***	**9.5**

Notes:
SOW -Scope of Work Remedial Design and Remedial Action at the Fisher-Calo Site, Kingsbury, Indiana
PMCL - Primary Maximum Contaminant Level (40 CFR 141)
LCL - Lower Confidence Limit (99% probability)
Bold font indicates exceedance of action level

TABLE 5B
SUMMARY OF ACTION LEVEL EXCEEDANCES
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Analyte	*Units*	*Action Level*	*Source*	*Well*	*# Samples*	*LCL*	*Nov-02 Results*
Trichloroethene	μg/L	5	SOW	CRA-22A	8	***107.32***	**120**
			SOW	EW1S-2	8	***68.97***	**78**
			SOW	EW1S-3	8	***111.16***	**140**
			IWQS	EW1S-4	8	***5.14***	**5.5**
Vinyl Chloride	μg/L	2	SOW	EW1S-1	8	***8.8***	**10**
			SOW	EW1S-2	8	***65.74***	**69**
			SOW	CRA-20A	8	***13.94***	**42**
1,2-Dichloroethane	μg/L	5	PMCL	EW1S-1	8	***6.86***	**6.2**
cis-1,2-Dichloroethene	μg/L	70	IWQS-2	EW1S-2	8	***346.9***	**360**
			SOW	CRA-20A	8	***142.29***	**880**
Tetrachloroethene	μg/L	5	IWQS	EW1S-4	8	***7.04***	**22**
			SOW	EW1S-3	8	**20.3**	**12**

Notes:
SOW -Scope of Work Remedial Design and Remedial Action at the Fisher-Calo Site, Kingsbury, Indiana
PMCL - Primary Maximum Contaminant Level (40 CFR 141)
IWQS - State of Indiana Water Quality Standard (Title-327-IAC)
IWQS-2 - Action Level for this parameter represents the sum of the dichloropropene detections including; 1,2 dichloropropene and 1,3 dichloropropene (cis- and trans- isomers)
LCL - Lower Confidence Limit (99% probability)
Bold font indicates exceedance of action level

TABLE 5C
SUMMARY OF ACTION LEVEL EXCEEDANCES
TWO LINE ROAD NORTH
FISHER-CALO SITE

Analyte	*Units*	*Action Level*	*Source*	*Well*	*# Samples*	*LCL*	*Nov-02 Results*
Benzene	μg/L	5	PMCL	CRA-33	8	***12.32***	**17**
1,2-Dichloroethane	μg/L	5	PMCL	CRA-33	8	***14.67***	**56**
Tetrachloroethene	μg/L	5	IWQS	CRA-16A	8	***44.3***	**52**
Vinyl Chloride	μg/L	2	PMCL	CRA-33	8	***3.68***	**6.3**

Notes:
SOW -Scope of Work Remedial Design and Remedial Action at the Fisher-Calo Site, Kingsbury, Indiana
PMCL - Primary Maximum Contaminant Level (40 CFR 141)
IWQS - State of Indiana Water Quality Standard (Title-327-IAC)
LCL - Lower Confidence Limit (99% probability)
*-**Bold** font indicates exceedance of action level

TABLE 5D
SUMMARY OF ACTION LEVEL EXCEEDANCES
SPACE LEASING
FISHER-CALO SITE

Analyte	*Units*	*Action Level*	*Source*	*Well*	*# Samples*	*LCL*	*Nov-02 Results*
Trichloroethene	μg/L	5	SOW	CRA-39	8	***212.59***	**460**
			SOW	EWSL-1	8	***8.87***	**12**
			SOW	EWSL-2	8	***44.7***	**87**
cis-1,2-Dichloroethene	μg/L	70	PMCL	CRA-39	8	***171.75***	**260**
			PMCL	CRA-54	8	***926.74***	**940**
			PMCL	EWSL-1	8	***244.23***	**300**
			PMCL	EWSL-2	8	***118.54***	**290**
1,1,1-Trichloroethane	μg/L	200	SOW	EWSL-2	8	***215.96***	***240***
Tetrachloroethane	μg/L	5	PMCL	CRA-39	8	**9.37**	**27**

Notes:
SOW -Scope of Work Remedial Design and Remedial Action at the Fisher-Calo Site, Kingsbury, Indiana
PMCL - Primary Maximum Contaminant Level (40 CFR 141)
IWQS - State of Indiana Water Quality Standard (Title-327-IAC)
LCL - Lower Confidence Limit (99% probability)
Bold font indicates exceedance of action level

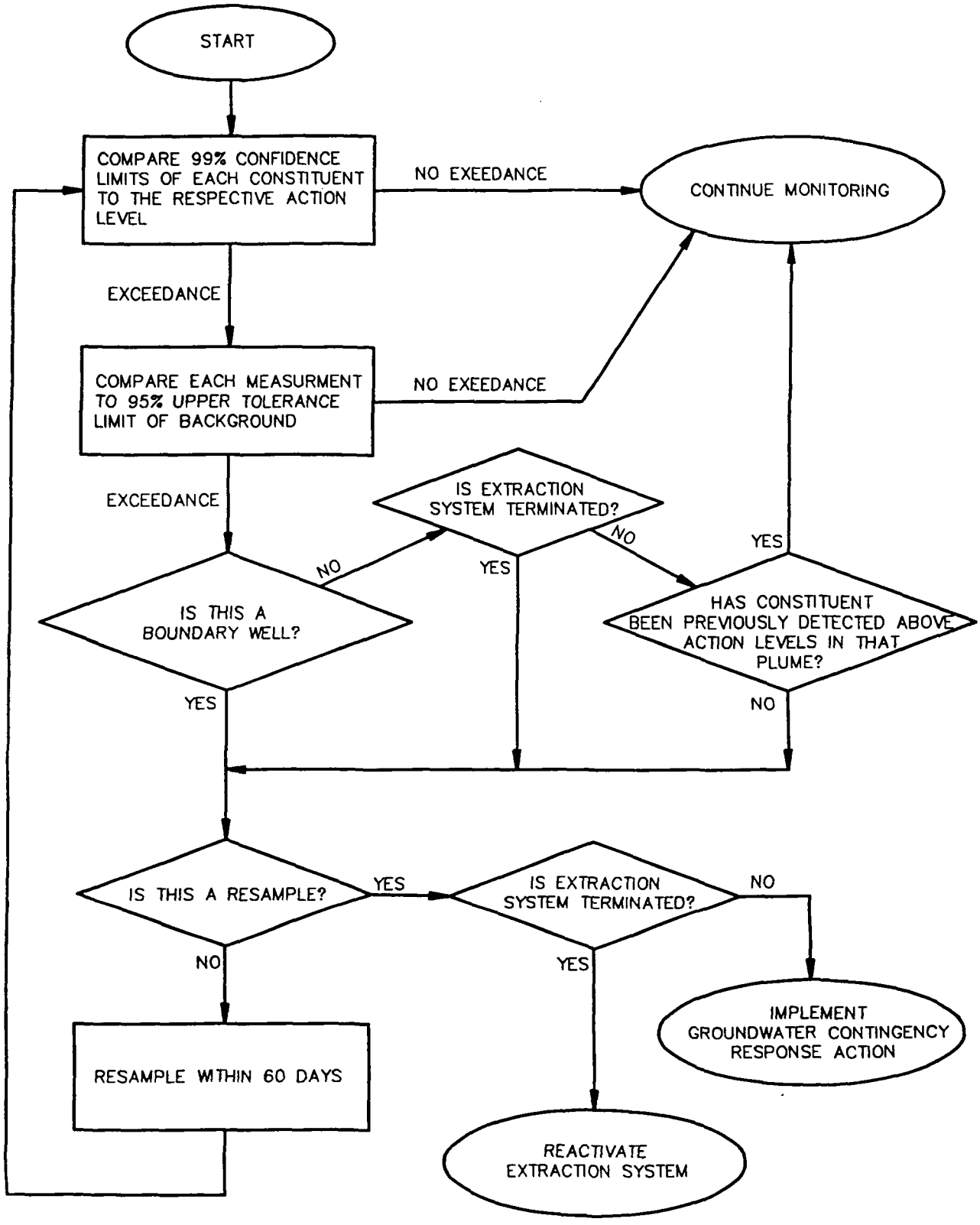


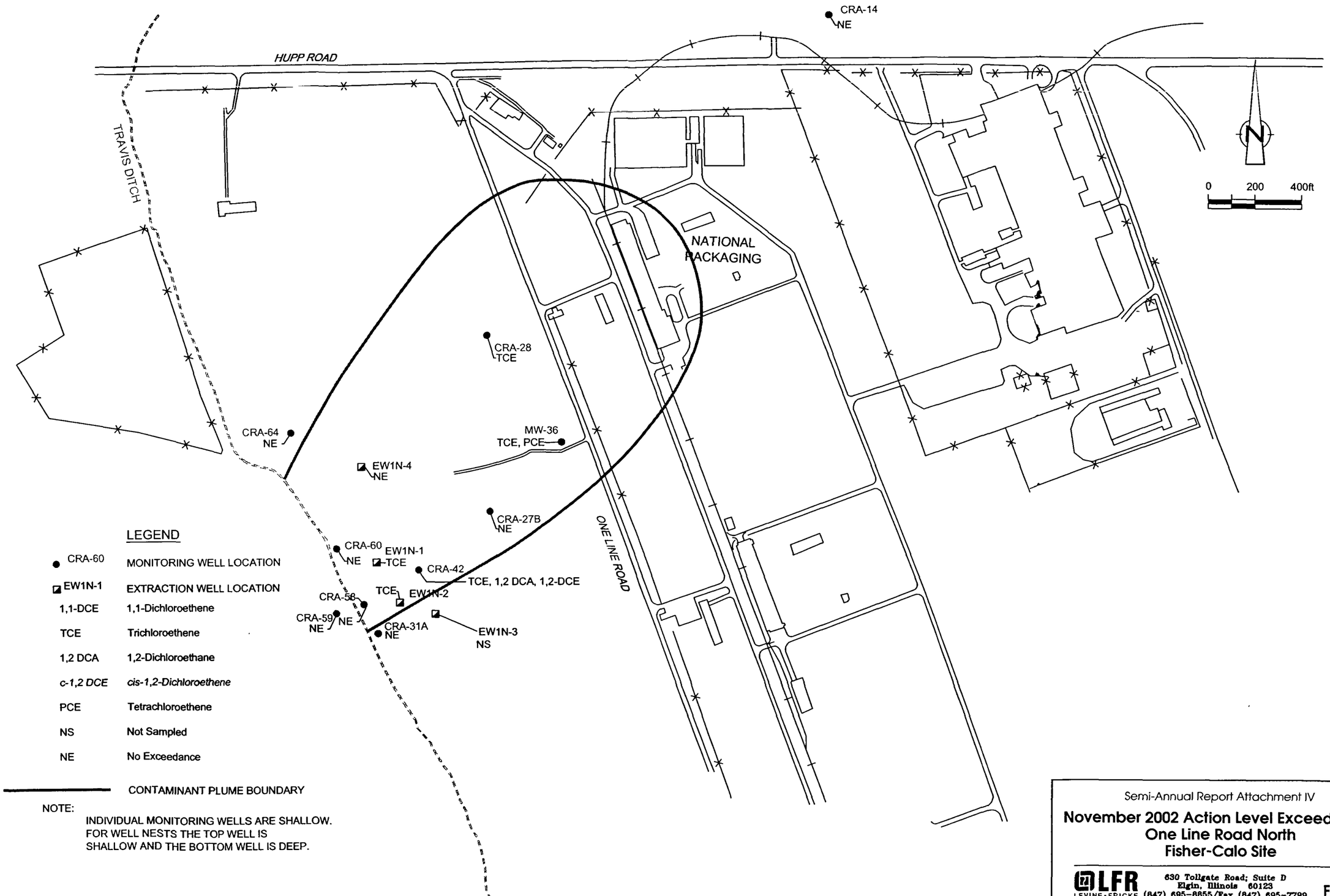
figure 5.1

FLOW CHART OF EVALUATION TASKS FOR CHEMICAL MONITORING NETWORK

Fisher–Calo Site

CRA

10907–60(003)GN–WA011 APR 21/98



Semi-Annual Report Attachment IV

November 2002 Action Level Exceedances
One Line Road North
Fisher-Calo Site

LFR LEVINE-FRICKE
630 Tollgate Road; Suite D
Elgin, Illinois 60123
(847) 695-8855/Fax (847) 695-7799

Figure 1

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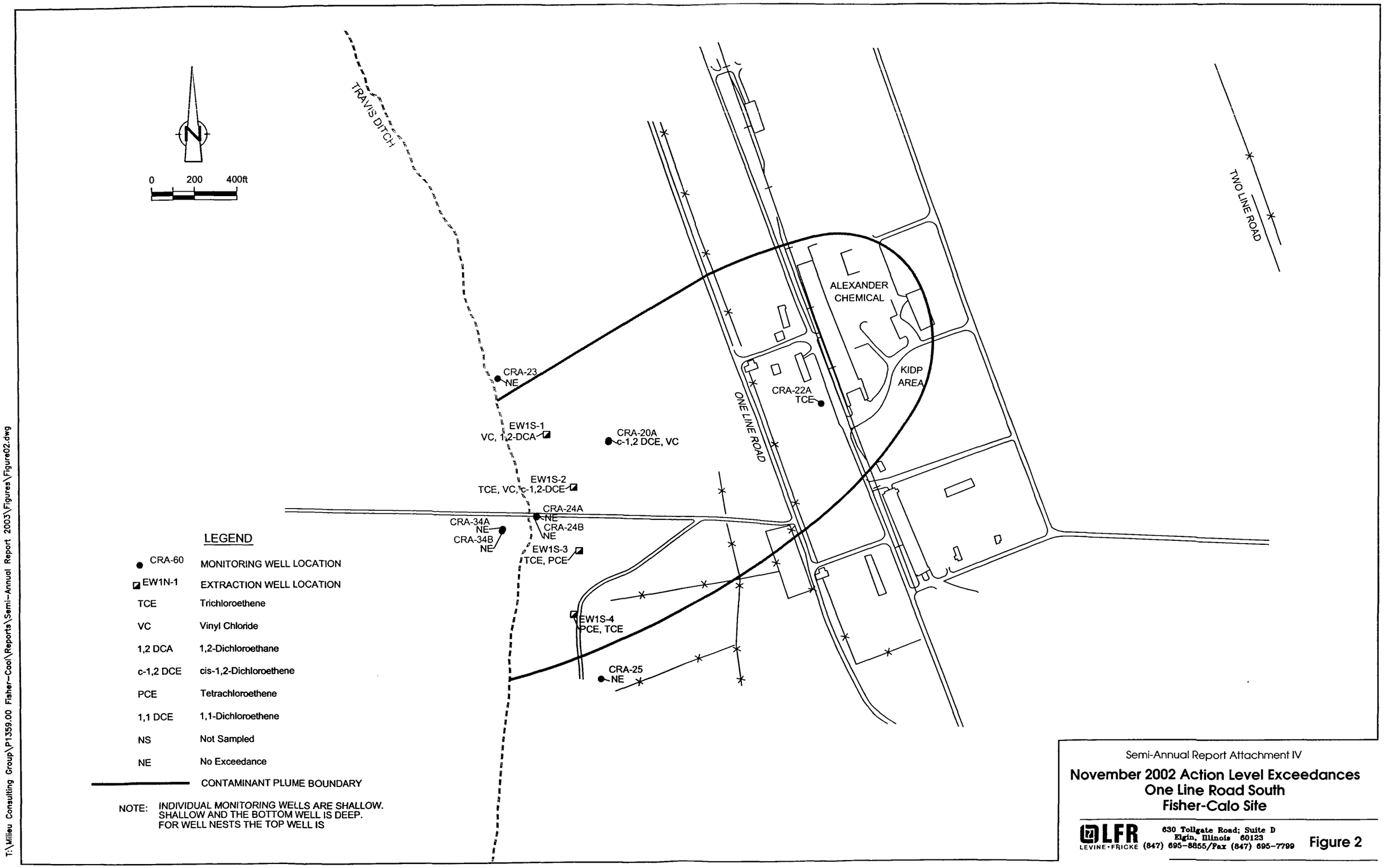

Semi-Annual Report Attachment IV

November 2002 Action Level Exceedances
One Line Road South
Fisher-Calo Site

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Figure 2

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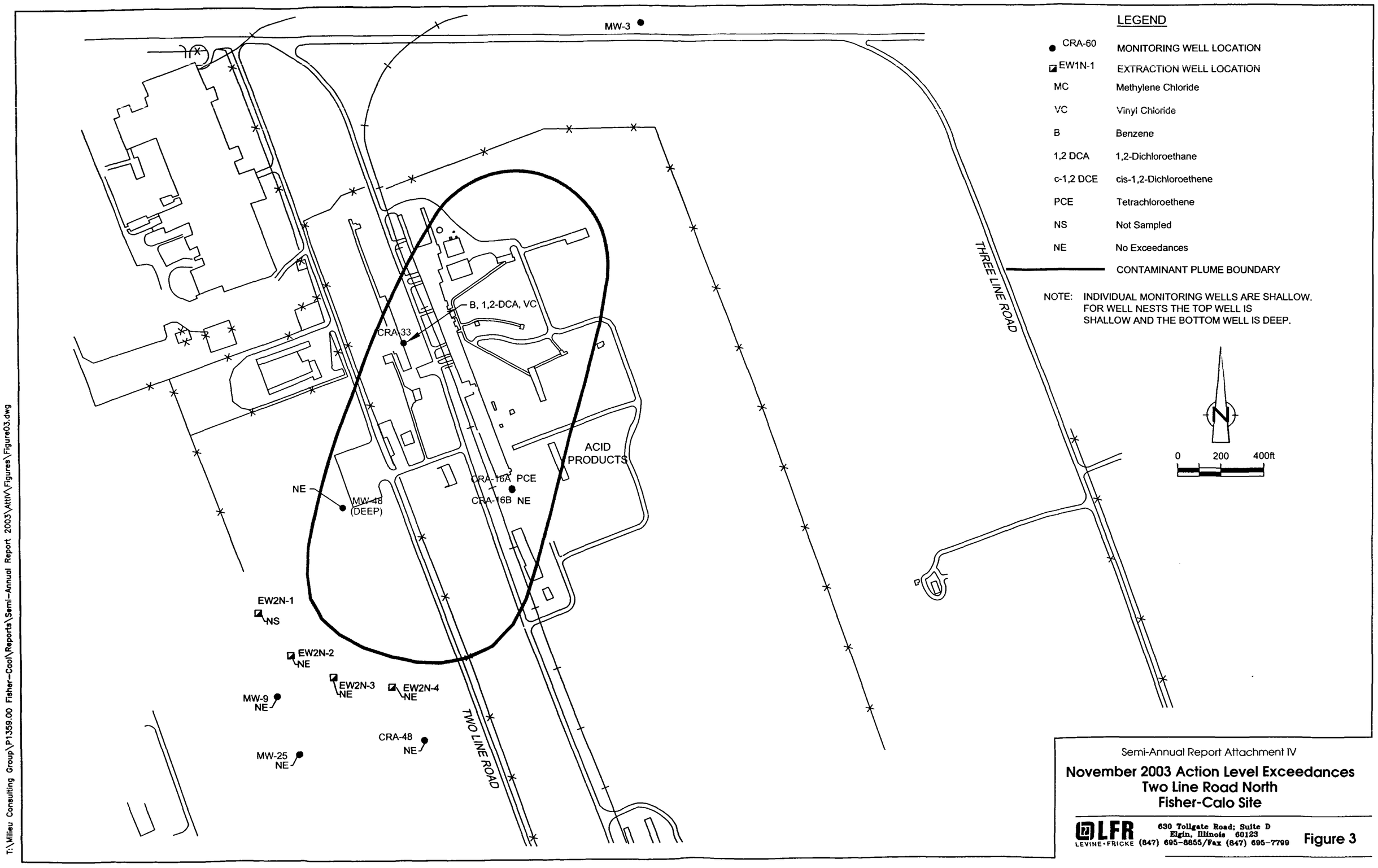

Semi-Annual Report Attachment IV

November 2003 Action Level Exceedances
Two Line Road North
Fisher-Calo Site

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Figure 3

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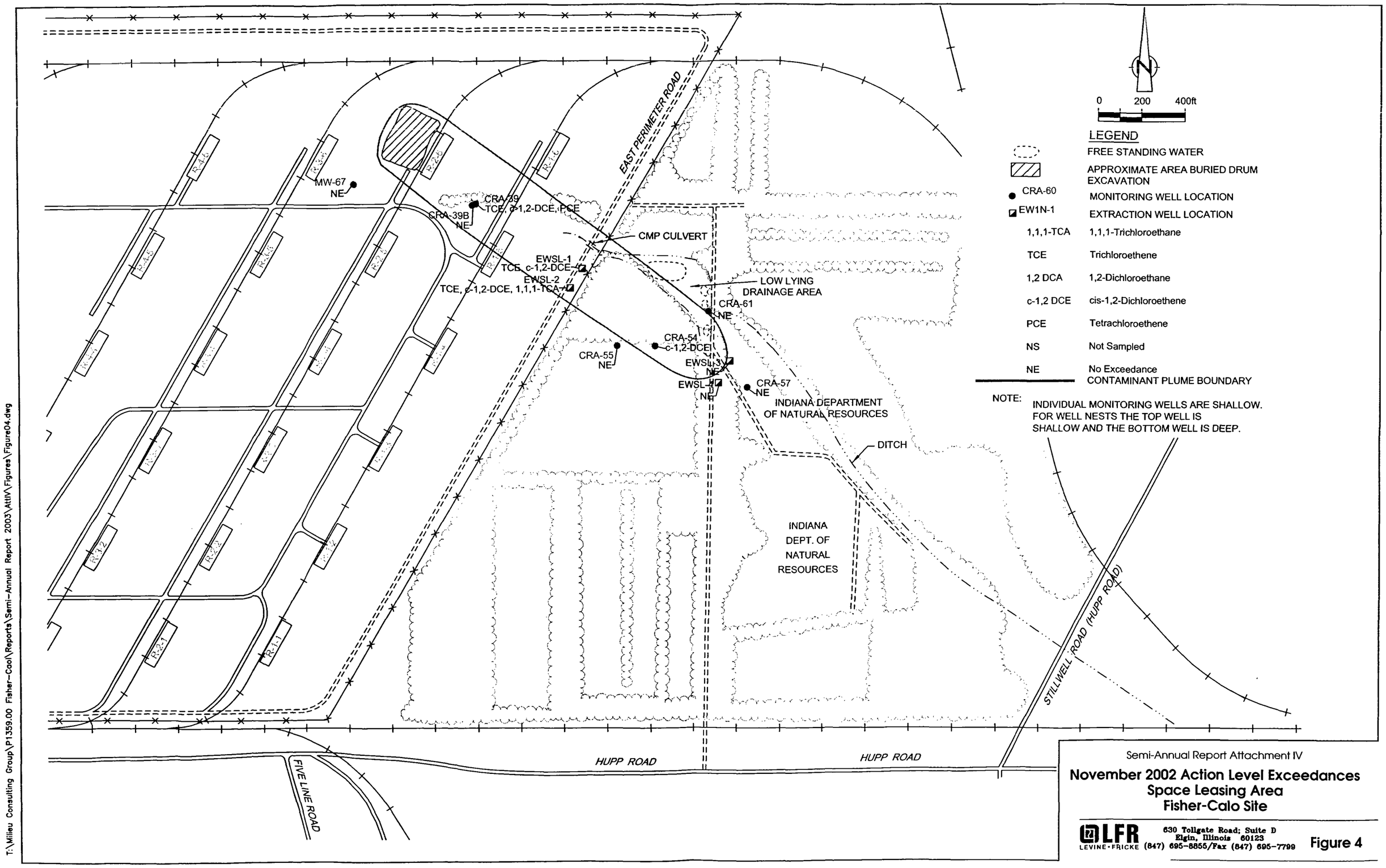

Semi-Annual Report Attachment IV

November 2002 Action Level Exceedances
Space Leasing Area
Fisher-Calo Site

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Figure 4

TABLE I.1

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*CRA-14*	*CRA-14*	*CRA-14*	*CRA-14*	*CRA-14*	*CRA-14*	*CRA-14*	*CRA-14*	*CRA-27B*	*CRA-27B*	*CRA-27B*
Sample ID:		*GW-TMTR-117*	*GW-TMTR-171*	*GW-TMTR-034*	*GW-TM-128*	*TMMD-159*	*GW-110801-JPJB-196*	*GW-050702-JMDE-248*	*GW-110602-AMDE-299*	*GW-TMTR-124*	*GW-TMTR-178*	*GW-TMTR-013*
Sample Date:		*12/7/1999*	*2/24/2000*	*6/14/2000*	*11/6/2000*	*5/21/2001*	*11/8/2001*	*5/7/02*	*11/06/02*	*12/8/1999*	*2/24/2000*	*6/8/2000*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND(5)	ND (5.0)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND(5)	ND (5.0)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND(5)	ND (5.0)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.65	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND(5)	ND (5.0)	ND (2)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE I.1

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*CRA-27B*	*CRA-27B*	*CRA-27B*	*CRA-27B*	*CRA-27B*	*CRA-28*	*CRA-28*	*CRA-28*	*CRA-28*	*CRA-28*	*CRA-28*
Sample ID:		*GW-TM-080*	*TMMD-134*	*GW-110801-JPJB-194*	*GW-050702-JMDE-244*	*GW-110502-AMDE-305*	*GW-TMTR-158*	*GW-TMTR-173*	*GW-TMTR-006*	*GW-TM-094*	*TMMD-146*	*GW-110801-JPJB-197*
Sample Date:		*10/31/2000*	*5/16/2001*	*11/8/2001*	*5/7/02*	*11/05/02*	*12/14/1999*	*2/24/2000*	*6/8/2000*	*11/1/2000*	*5/16/2001*	*11/8/2001*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	7	6 J	4	1.3	ND (2)	0.8
Carbon disulfide	ug/L	ND (2.0)	ND (2)	ND (2)	ND(5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (10)	ND (2)
Acetone	ug/L	ND (2.0)	ND (2)	ND (2)	ND(5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (10)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	0.6	0.6 J	0.5	ND (0.5)	ND (2)	ND (0.5)
1,1-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	9	8 J	8	2.3	ND (2)	1
cis-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	4	4 J	4	1.6	ND (2)	0.7
2-Butanone	ug/L	ND (2.0)	ND (2)	ND (2)	ND(5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (10)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
1,1,1-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	89	100	96	95	83	79 J
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
Trichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	**1000**	**1300**	**1000**	**1000**	**1200**	**1100**
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2.0)	ND (2)	ND (2)	ND(5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (10)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (0.5)

TABLE I.1

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*CRA-28*	*CRA-28*	*CRA-28 Dup.*	*CRA-28*	*CRA-31A*	*CRA-31A*	*CRA-31A*	*CRA-31A*	*CRA-31A*	*CRA-31A*	*CRA-31A*
Sample ID:		*GW-110801-JPJB-199*	*GW-050702-JMDE-246*	*GW-050702-JMDE-247*	*GW-110502-AMDE-308*	*GW-TMTR-120*	*GW-TMTR-172*	*GW-TMTR-001*	*GW-TM-086*	*TMMD-138*	*GW-110701-JPJB-187*	*GW-050702-JMDE-242*
Sample Date:		*11/8/2001*	*5/7/02*	*5/7/02*	*11/05/02*	*12/7/1999*	*2/23/2000*	*6/6/2000*	*10/31/2000*	*5/16/2001*	*11/7/2001*	*05/07/02*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Vinyl chloride	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Bromomethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
1,1-Dichloroethene	ug/L	0.8	0 67	0.8	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Carbon disulfide	ug/L	ND (2)	ND (5)	ND (5)	ND (5 0)	ND (2)	ND (10)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)
Acetone	ug/L	ND (2)	ND (5)	ND (5)	ND (5 0)	ND (2)	ND (10)	ND (2)	ND (2.0)	3	ND (2)	ND (5)
Methylene chloride	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
1,1-Dichloroethane	ug/L	1	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
cis-1,2-Dichloroethene	ug/L	1	0.38 J	ND (2)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
2-Butanone	ug/L	ND (2)	ND (5)	ND (5)	ND (5.0)	ND (2)	ND (10)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
1,1,1-Trichloroethane	ug/L	60 J	45	44	49 J	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Carbon tetrachloride	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Benzene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Trichloroethene	ug/L	**1000**	**690**	**660**	**670**	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Bromodichloromethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (5)	ND (5)	ND (5.0)	ND (2)	ND (10)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)
Toluene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Tetrachloroethene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Dibromochloromethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1 0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Chlorobenzene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Ethylbenzene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1 0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1 0)
Styrene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Bromoform	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Xylene (total)	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)

TABLE I.1

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*CRA-31A*	*CRA-42*	*CRA-42*	*CRA-42*	*CRA-42*	*CRA-42*	*CRA-42*	*CRA-42*	*CRA-42*	*CRA-42*	*CRA-42*
Sample ID:		*GW-110502-AMDE-303*	*GW-TMTR-128*	*GW-TMTR-180*	*GW-TMTR-011*	*GW-TM-090*	*GW-TM-092*	*TMMD-148*	*TMMD-150*	*GW-110801-JPJB-193*	*GW-050702-JMDE-243*	*GW-110502-AMDE-304*
Sample Date:		*11/05/02*	*12/8/1999*	*2/25/2000*	*6/7/2000*	*11/1/2000*	*11/1/2000*	*5/16/2001*	*5/16/2001*	*11/8/2001*	*5/7/02*	*11/05/02*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	(ND (1.0)
Vinyl chloride	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
Bromomethane	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
1,1-Dichloroethene	ug/L	ND (1.0)	**11**	**8**	**7**	**13**	**11**	**14**	**15**	**22 J**	**9.5**	**11**
Carbon disulfide	ug/L	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5.0)
Acetone	ug/L	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5.0)
Methylene chloride	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
trans-1,2-Dichloroethene	ug/L	ND (1.0)	1	1	1	6.5 J	5.2 J	14	12	20 J	7.9	7.7
1,1-Dichloroethane	ug/L	ND (1.0)	13	13	20	27	25	36	40	63 J	28	30
cis-1,2-Dichloroethene	ug/L	ND (1.0)	**90 J**	**110**	**130**	**330**	**350**	**550**	**560**	**940 J**	**510**	**430**
2-Butanone	ug/L	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	ND (1.0)	1	1	1	3.0	2.9	4	4	6 J	1.5	1.7
1,1,1-Trichloroethane	ug/L	ND (1.0)	**180**	**230**	**180**	**280**	**290**	**440**	**430**	**540 J**	**330**	**390**
Carbon tetrachloride	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Benzene	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.9 J	ND (0.5)	0.57 J
1,2-Dichloroethane	ug/L	ND (1.0)	**9**	**16**	**16**	**18**	**16**	**23**	**23**	**27 J**	**21**	**18**
Trichloroethene	ug/L	ND (1.0)	**570**	**700**	**560**	**930**	**960**	**1500**	**1300**	**2500**	**1300**	**1400**
1,2-Dichloropropane	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.5	1 J	ND (1.0)	ND (1.0)
Bromodichloromethane	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
4-Methyl-2-pentanone	ug/L	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5.0)
Toluene	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
1,1,2-Trichloroethane	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	0.8	0.7	1	1	2 J	ND (1.0)	**0.79 J**
Tetrachloroethene	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
Dibromochloromethane	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
Chlorobenzene	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
Ethylbenzene	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
Styrene	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
Bromoform	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
Xylene (total)	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)

TABLE I.1

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*CRA-58*	*CRA-58*	*CRA-58*	*CRA-58*	*CRA-58*	*CRA-58*	*CRA-58*	*CRA-58*	*CRA-59*	*CRA-59*	*CRA-59*
Sample ID:		*GW-TMTR-118*	*GW-TMTR-167*	*GW-TMTR-007*	*GW-TM-084*	*TMMD-136*	*GW-110701-JPJB-189*	*GW-050702-JMDE-241*	*GW-110502-AMDE-301*	*GW-TMTR-122*	*GW-TMTR-174*	*GW-TMTR-009*
Sample Date:		*12/7/1999*	*2/24/2000*	*6/7/2000*	*10/31/2000*	*5/16/2001*	*11/7/2001*	*5/7/02*	*11/05/02*	*12/7/1999*	*2/24/2000*	*6/7/2000*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (0.5)	0.8	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	ND (0.5)	0.8	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	ND (0.5)	16	9	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	ND (0.5)	**70**	**31**	0.8	ND (0.5)	0.5	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE I.1

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*CRA-59*	*CRA-59*	*CRA-59*	*CRA-59*	*CRA-59*	*CRA-60*	*CRA-60*	*CRA-60*	*CRA-60*	*CRA-60*	*CRA-60*
Sample ID:		*GW-TM-131*	*TMMD-143*	*GW-110801-JPJB-191*	*GW-050802-JMDE-270*	*GW-110502-AMDE-309*	*GW-TMTR-115*	*GW-TMTR-176*	*GW-TMTR-005*	*GW-TM-088*	*TMMD-140*	*GW-110701-JPJB-192*
Sample Date:		*11/9/2000*	*5/17/2001*	*11/8/2001*	*5/8/02*	*11/05/02*	*12/7/1999*	*2/24/2000*	*6/7/2000*	*11/1/2000*	*5/16/2001*	*11/9/2001*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	ug/L	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)
Acetone	ug/L	ND (2.0)	5	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Butanone	ug/L	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	0.7	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE I.1

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*CRA-60*	*CRA-60*	*CRA-64*	*CRA-64*	*CRA-64*	*CRA-64*	*CRA-64*	*CRA-64*	*CRA-64*	*CRA-64*	*MW-36*
Sample ID:		*GW-050702-JMDE-240*	*GW-110502-AMDE-302*	*GW-TMTR-157*	*GW-TMTR-169*	*GW-TMTR-003*	*GW-TM-082*	*TMMD-142*	*GW-110701-JPJB-190*	*GW-050702-JMDE-239*	*GW-110502-AMDE-300*	*GW-TMTR-130*
Sample Date:		*5/7/02*	*11/05/02*	*12/14/1999*	*2/24/2000*	*6/6/2000*	*10/31/2000*	*5/16/2001*	*11/7/2001*	*5/7/02*	*11/05/02*	*12/8/1999*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)
Vinyl chloride	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)
Bromomethane	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (1.0)	ND (1.0)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	**9**
Carbon disulfide	ug/L	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)
Acetone	ug/L	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)
Methylene chloride	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	**14**
1,1-Dichloroethane	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	**52**
cis-1,2-Dichloroethene	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	**650**
2-Butanone	ug/L	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	**1**
1,1,1-Trichloroethane	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	**180**
Carbon tetrachloride	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)
Benzene	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	**0.5**
1,2-Dichloroethane	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	**28**
Trichloroethene	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	**290**
1,2-Dichloropropane	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	**2**
Bromodichloromethane	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (5)	ND (5.0)	ND (2) UJ	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)
Toluene	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	**0.6**
Tetrachloroethene	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	**11**
Dibromochloromethane	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)
Chlorobenzene	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)
Ethylbenzene	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)
Styrene	ug/L	ND (1.0)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (1.0)	ND (1.0)	ND (0.5)
Bromoform	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)
Xylene (total)	ug/L	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	**0.3 J**

TABLE I.1

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*MW-36*	*MW-36(Dup)*	*MW-36*	*MW-36*	*MW-36*	*MW-36*	*MW-36*	*MW-36*	*MW-36*	*MW-36 (Dup.)*	*EWIN-1*
Sample ID:		*GW-TMTR-175*	*GW-TMTR-177*	*GW-TMTR-002*	*GW-TMTR-004*	*GW-TM-096*	*TMMD-144*	*GW-110801-JPJB-195*	*GW-050702JMDE-245*	*GW-110502-AMDE-306*	*GW-110502-AMDE-307*	*EW-TMTR-152*
Sample Date:		*2/25/2000*	*2/25/2000*	*6/7/2000*	*6/7/2000*	*11/1/2000*	*5/16/2001*	*11/8/2001*	*5/7/02*	*11/05/02*	*11/05/02*	*12/13/1999*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.5)
1,1-Dichloroethene	ug/L	**8**	**8**	3	3	1.3	0.9	0.9 J	0.97J	ND (1.0)	ND (1.0)	0.6
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (5.0)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	4	ND (2)	ND (2.0)	ND (2)	3 J	ND (5)	ND (5.0)	ND (5.0)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	13	12	7	7	5.3	2	2 J	0.78	0.79 J	0.82 J	ND (0.5)
1,1-Dichloroethane	ug/L	49	47	30	32	22	11	15 J	9	5.9	6.0	0.8
cis-1,2-Dichloroethene	ug/L	**660**	**610**	**420**	**470**	**190**	**84**	**70**	46	55	58	0.6
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (5.0)	ND (2)
Chloroform (Trichloromethane)	ug/L	0.8	0.8	0.6	0.6	ND (0.5)	ND (0.5)	0.6 J	.33 J	ND (1.0)	ND (1.0)	ND (0.5)
1,1,1-Trichloroethane	ug/L	150	140	140	150	79	60	61	65	51	56	22
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.5)
1,2-Dichloroethane	ug/L	**19**	**18**	**15**	**16**	**8.6**	3	3 J	1.6	1.1	1.1	ND (0.5)
Trichloroethene	ug/L	**260**	**240**	**240**	**240**	**140**	**120**	**120**	**98**	**100**	**97**	**69**
1,2-Dichloropropane	ug/L	2	2	1	1	0.9	1	1 J	.54 J	0.57 J	0.54 J	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (5.0)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.5)
1,1,2-Trichloroethane	ug/L	0.5	0.5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.5 J	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.5)
Tetrachloroethene	ug/L	**10**	**10**	**8**	**9**	**8.4**	**8**	**9 J**	**13**	**9.5**	**8.3**	**ND (0.5)**
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.5)

TABLE I.1

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*EWIN-1*	*EWIN-1*	*EWIN-1*	*EWIN-1*	*EWIN-1*	*EWIN-1*	*EWIN-1*	*EWIN-1*	*EWIN-1*	*EWIN-2*	*EWIN-2*
Sample ID:		*EW-TMTR-209*	*EW-TMTR-210*	*EW-TMTR-060*	*EW-TM-116*	*TMMD-163*	*TMMD-165*	*EW-111201-JPJB-223*	*EW-050802-JMDE-262*	*GW-110502-AMDE-310*	*EW-TMTR-153*	*EW-TMTR-211*
Sample Date:		*3/1/2000*	*3/1/2000*	*6/16/2000*	*11/3/2000*	*5/21/2001*	*5/21/2001*	*11/12/2001*	*5/8/02*	*11/05/02*	*12/13/1999*	*3/1/2000*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	0.7	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	1	0.9	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	.36 J	ND (1.0)	1	2
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5.0)	ND (5.0)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5.0)	ND (5.0)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	12	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	1	0.9	860	0.9	1	1	1	0.88 J	0.90 J	2	2
cis-1,2-Dichloroethene	ug/L	0.6	0.6	500	0.6	0.6	0.6	0.9	0.39 J	0.56 J	22	21
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5.0)	ND (5.0)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	22	21	67	18	19	18	20	14	14	23	23
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	1	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	4	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	2	2
Trichloroethene	ug/L	70	81	21	52	44	44	53	40	39	62	88
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	4	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5.0)	ND (5.0)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	26	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	0.9	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	1	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)

TABLE I.1

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*EW1N-2*	*EW1N-2(Dup)*	*EW1N-2*	*EW1N-2*	*EW1N-2*	*EW1N-2*	*EW1N-2*	*EW1N-4*	*EW1N-4*	*EW1N-4*	*EW1N-4*
Sample ID:		*EW-TMTR-062*	*EW-TMTR-064*	*EW-TM-117*	*TMMD-161*	*EW-111201-JPJB-222*	*EW-050802-JMDE-261*	*GW-110502-AMDE-311*	*EW-TMTR-159*	*EW-TMTR-212*	*EW-TMTR-066*	*EW-TM-118*
Sample Date:		*6/19/2000*	*6/19/2000*	*11/3/2000*	*5/21/2001*	*11/12/2001*	*5/8/02*	*11/05/02*	*1/19/2000*	*3/1/2000*	*6/19/2000*	*11/3/2000*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	2	2	0.9	0.8	1	0..83	0.72 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)
Acetone	ug/L	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	0.5	0.6	.58 J	0.59 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	2	2	1.8	2	4	3	2.5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	18	20	17	25	36	30	29	ND (0.5)	ND (0.5)	ND (0.5)	1
2-Butanone	ug/L	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	24	26	24	25	30	22	21	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	2	2	1.8	2	3	2.2	2.0	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	**78**	**89**	**71**	**61**	**69**	**74**	**64**	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

Notes:

ND (0.5) - The parameter was not detected above the reporting limit The reporting limit is an estimated limit.

J - The associated result is an estimated quantity.

TABLE I.1

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*EW1N-4*	*EW1N-4*	*EW1N-4*	*EW1N-4*
Sample ID:		*TMMD-167*	*EW-111201-JPJB-224*	*EW-050802-JMDE-263*	*GW-110502-AMDE-312*
Sample Date:		*5/21/2001*	*11/12/2001*	*5/8/02*	*11/05/02*
Parameter (Volatiles)	*Unit*				
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
1,1-Dichloroethene	ug/L	ND (0.5)	0.6	.51 J	ND (1.0)
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (5.0)	ND (5.0)
Acetone	ug/L	ND (2)	ND (2)	ND (5.0)	ND (5.0)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
1,1-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
cis-1,2-Dichloroethene	ug/L	2	2	2.1	2.2
2-Butanone	ug/L	ND (2)	ND (2)	ND (5.0)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
1,1,1-Trichloroethane	ug/L	ND (0.5)	0.9 J	2.5	3.2
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
Trichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (5.0)	ND (5.0)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (1.0)	ND (1.0)

TABLE I.2

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Sample Location:		*CRA-20A*	*CRA-20A*	*CRA-20A*	*CRA-20A*	*CRA-20A*	*CRA-20A*	*CRA-20A*	*CRA-20A*	*CRA-20A*	*CRA-20A*	*CRA-22A*
Sample ID:		*GW-TMTR-116*	*GW-TMTR-170*	*GW-TMTR-014*	*GW-TMTR-016*	*GW-TM-114*	*TMMD-154*	*GW-110801-JPJB-202*	*GW-110801-JPJB-204*	*GW-050802-JMDE-269*	*GW-110502-RKTA-297*	*GW-TMTR-111*
Sample Date:		*12/7/1999*	*2/23/2000*	*6/8/2000*	*6/8/2000*	*11/2/2000*	*5/17/2001*	*11/8/2001*	*11/8/2001*	*5/8/02*	*11/05/02*	*12/7/1999*
					Duplicate				*Duplicate*			
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1	ND (1.0)	ND (0.5)
Vinyl chloride	ug/L	**150 J**	**19**	**78**	**77**	**230**	**96**	**72**	**82**	**23**	**42**	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1	ND (1.0)	ND (0.5)
1,1-Dichloroethene	ug/L	5	**8**	**46 J**	**36 J**	**7.9**	7	3	4	1.2	2.3	1
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	5	ND (5.0)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)
Methylene chloride	ug/L	*ND (0.5)*	*ND (0.5)*	*ND (0.5)*	*ND (0.5)*	*ND (0.5)*	*ND (0.5)*	*ND (0.5)*	*ND (0.5)*	1	*ND (1.0)*	*ND (0.5)*
trans-1,2-Dichloroethene	ug/L	9	15	89	98	72	77	50	56	19	50	1
1,1-Dichloroethane	ug/L	820	930	2100	2100	1700	1200	730	830	200	510	51
cis-1,2-Dichloroethene	ug/L	**440 J**	**1100**	**4400**	**4700**	**2300**	**2000**	**1100**	**1300**	**330**	**880**	14
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	3	7 J	5	1.2	0.9	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	7
1,1,1-Trichloroethane	ug/L	31	120	**580**	**600**	**390**	**220**	100	110	59	110	130
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Benzene	ug/L	2	2	**11 J**	**8**	**6.6**	5	4	5	1.3	2.9	ND (0.5)
1,2-Dichloroethane	ug/L	0.8	ND (0.5)	ND (0.5)	ND (0.5)	1.9	ND (0.5)	1	1	ND (1)	ND (1.0)	ND (0.5)
Trichloroethene	ug/L	3	1	**13 J**	**10**	**8.1**	4	**6**	**6**	**6.7**	**17**	**130**
1,2-Dichloropropane	ug/L	1	0.9	5 J	4	3.5	2	2	2	.66J	1.4	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1	ND (1.0)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	5	ND (5.0)	ND (2)
Toluene	ug/L	0.6	0.9	10 J	8	5.9	2	1	1	0.35 J	ND (1.0)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	2 J	2	1.5	2	1	1	ND (1)	0.60 J	ND (0.5)
Tetrachloroethene	ug/L	5	**4**	**6 J**	**6**	3.2	1	2	1	0.45 J	1.1	**6**
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	0.7 J	0.5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Ethylbenzene	ug/L	15	16	110	100	99	100	42 J	54 J	14	25	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Xylene (total)	ug/L	10	14	75	73	93	120	47	57	3.6	ND (1.0)	ND (0.5)

TABLE I.2

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Sample Location:		*CRA-22A*	*CRA-22A*	*CRA-22A*	*CRA-22A*	*CRA-22A*	*CRA-22A*	*CRA-22A*	*CRA-22A*	*CRA-22A*	*CRA-22A*	*CRA-22A*
Sample ID:		*GW-TMTR-113*	*GW-TMTR-163*	*GW-TMTR-165*	*GW-TMTR-020*	*GW-TM-083*	*GW-TM-085*	*TMMD-156*	*TMMD-158*	*GW-110901-JPJB-207*	*GW-050902-TA-276*	*GW-110502-RKTA-296*
Sample Date:		*12/7/1999*	*2/23/2000*	*2/23/2000*	*6/9/2000*	*11/2/2000*	*11/2/2000*	*5/17/2001*	*5/17/2001*	*11/9/2001*	*05/09/02*	*11/05/02*
		Duplicate		*Duplicate*			*Duplicate*		*Duplicate*			
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1-Dichloroethene	ug/L	1	3	3 J	8	2.4 J	3.2 J	3	3 J	2	1.6	1.8
Carbon disulfide	ug/L	ND (2) UJ	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5.0)
Acetone	ug/L	ND (2)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5.0)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
trans-1,2-Dichloroethene	ug/L	0.8	1	0.9 J	1	1.2	1.2	2	2 J	2	0.97 J	1.1
1,1-Dichloroethane	ug/L	45	50 J	62 J	41	49	52	54	53	48	36	47
cis-1,2-Dichloroethene	ug/L	14	14	12 J	20	12	13	21	18 J	14	7.4	8.9
2-Butanone	ug/L	ND (2)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	8	3	3 J	5	5.4	5.7	4	ND (0.5)	2	1.3	2.4
1,1,1-Trichloroethane	ug/L	120	120 J	150 J	120	140	150	130	120	97	83	110
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Trichloroethene	ug/L	**120**	**110 J**	**150 J**	**130**	**160**	**170**	**140**	**140**	**130**	**98**	**120**
1,2-Dichloropropane	ug/L	ND (0.5) UJ	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (1)	ND (5.0)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	0.5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Tetrachloroethene	ug/L	**8**	**8**	**7 J**	**10**	**9.4**	**9.4**	**6**	**5 J**	**6**	3.9	4.5
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)

TABLE I.2

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Sample Location:		*CRA-23*	*CRA-23*	*CRA-23*	*CRA-23*	*CRA-23*	*CRA-23*	*CRA-23*	*CRA-23*	*CRA-24A*	*CRA-24A*	*CRA-24A*
Sample ID:		*GW-TMTR-109*	*GW-TMTR-161*	*GW-TMTR-012*	*GW-TM-081*	*TMMD-152*	*GW-110801-JPJB-201*	*GW-050702-TA-251*	*GW-110502-RKTA-298*	*GW-TMTR-114*	*GW-TMTR-160*	*GW-TMTR-023*
Sample Date:		*12/6/1999*	*2/23/2000*	*6/8/2000*	*11/2/2000*	*5/17/2001*	*11/8/2001*	*5/7/02*	*11/05/02*	*12/7/1999*	*2/22/2000*	*6/8/2000*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	0.6
Bromomethane	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	3 J	2	1
Carbon disulfide	ug/L	ND (2)	ND (10)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2) UJ	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (10)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2) UJ	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.7) U
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	1 J	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	1 J	ND (0.5)	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (10)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2) UJ	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	110	66	52
Carbon tetrachloride	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	96	65	59
1,2-Dichloropropane	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (10)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2) UJ	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5) UJ	ND (0.5)	ND (0.5)

TABLE I.2

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Sample Location:		*CRA-24A*	*CRA-24A*	*CRA-24A*	*CRA-24A*	*CRA-24A*	*CRA-24B*	*CRA-24B*	*CRA-24B*	*CRA-24B*	*CRA-24B*	*CRA-24B*
Sample ID:		*GW-TM-110*	*TMMD-137*	*GW-110801-JPJB-198*	*GW-050702-JMDE-249*	*GW-110502-RKTA-293*	*GW-TMTR-112*	*GW-TMTR-162*	*GW-TMTR-021*	*GW-TM-111*	*TMMD-139*	*GW-110801-JPJB-200*
Sample Date:		*11/2/2000*	*5/16/2001*	*11/8/2001*	*5/7/02*	*11/05/02*	*12/6/1999*	*2/22/2000*	*6/8/2000*	*11/2/2000*	*5/16/2001*	*11/8/2001*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	ug/L	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)
Acetone	ug/L	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Butanone	ug/L	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	*ND (0.5)*	*ND (0.5)*	*ND (0.5)*	*ND (1)*	*ND (1.0)*	*ND (0.5)*	*ND (0.5)*	*ND (0.5)*	*ND (0.5)*	*ND (0.5)*	*ND (0.5)*
1,1,1-Trichloroethane	ug/L	22	12	8	7.1	7.2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	18	10	6	4.4	3.3	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.73(j)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	*ND (0.5)*	*ND (0.5)*	*ND (0.5)*	*ND (1)*	*ND (1.0)*	*ND (0.5)*	*ND (0.5)*	*ND (0.5)*	*ND (0.5)*	*ND (0.5)*	*ND (0.5)*
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE I.2

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Sample Location:		*CRA-24B*	*CRA-24B*	*CRA-25*	*CRA-25*	*CRA-25*	*CRA-25*	*CRA-25*	*CRA-25*	*CRA-25*	*CRA-25*	*CRA-25*
Sample ID:		*GW-050702-JMDE-260*	*GW-110502-RKTA-294*	*GW-TMTR-054*	*GW-TMTR-107*	*GW-TMTR-168*	*GW-TMTR-010*	*GW-TM-079*	*TMMD-141*	*GW-110701-JPJB-188*	*GW-050702-TA-250*	*GW-110502-RKTA-295*
Sample Date:		*5/7/02*	*11/05/02*	*9/1/1999*	*12/6/1999*	*2/23/2000*	*6/8/2000*	*11/2/2000*	*5/16/2001*	*11/7/2001*	*5/7/02*	*11/05/02*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Vinyl chloride	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Bromomethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1-Dichloroethene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Carbon disulfide	ug/L	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)
Acetone	ug/L	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)
Methylene chloride	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
trans-1,2-Dichloroethene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1-Dichloroethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
cis-1,2-Dichloroethene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
2-Butanone	ug/L	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1,1-Trichloroethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Carbon tetrachloride	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Benzene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,2-Dichloroethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Trichloroethene	ug/L	.73 J	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,2-Dichloropropane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Bromodichloromethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
4-Methyl-2-pentanone	ug/L	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)
Toluene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1,2-Trichloroethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Tetrachloroethene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Dibromochloromethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Chlorobenzene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Ethylbenzene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Styrene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Bromoform	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Xylene (total)	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)

TABLE I.2

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Sample Location:		*CRA-34A*	*CRA-34A*	*CRA-34A*	*CRA-34A*	*CRA-34A*	*CRA-34A*	*CRA-34A*	*CRA-34A*	*CRA-34B*	*CRA-34B*	*CRA-34B*
Sample ID:		*GW-TMTR-110*	*GW-TMTR-166*	*GW-TMTR-027*	*GW-TM-112*	*TMMD-169*	*GW-110801-JPJB-205*	*GW-050702-TA-252*	*GW-110502-RKTA-291*	*GW-TMTR-108*	*GW-TMTR-164*	*GW-TMTR-025*
Sample Date:		*12/6/1999*	*2/23/2000*	*6/9/2000*	*11/2/2000*	*5/22/2001*	*11/8/2001*	*5/7/02*	*11/05/02*	*12/6/1999*	*2/23/2000*	*6/9/2000*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE I.2

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Sample Location:		*CRA-34B*	*CRA-34B*	*CRA-34B*	*CRA-34B*	*CRA-34B*	*EW1S-1*	*EW1S-1*	*EW1S-1*	*EW1S-1*	*EW1S-1*	*EW1S-1*
Sample ID:		*GW-TM-113*	*TMMD-171*	*GW-110801-JPJB-203*	*GW-050702-TA-253*	*GW-110502-RKTA-292*	*EW-TMTR-154*	*EW-TMTR-189*	*EW-TMTR-077*	*EW-TM-089*	*TMMD-174*	*EW-111201-JPJB-225*
Sample Date:		*11/2/2000*	*5/22/2001*	*11/8/2001*	*5/7/02*	*11/05/02*	*12/14/1999*	*3/1/2000*	*6/20/2000*	*11/3/2000*	*5/21/2001*	*11/12/2001*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	**21**	**24**	**24**	**18**	**13**	**11**
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichlorcethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	0.9	0.9	2	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	ug/L	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2)	ND (2)
Acetone	ug/L	2.0	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	17	17	15	11	11	9
1,1-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	180	250	200	160	140	150
cis-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	**110**	**120**	**130**	**85**	70	63
2-Butanone	ug/L	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	34	31	30	26	18	20 J
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	0.7	0.8	0.8	0.6	0.6	0.5
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (1)	ND (1.0)	**14**	**13**	**14**	**10**	**10**	**11 J**
Trichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	3	3	3	2.2	2	2
1,2-Dichlorcpropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	1	1	1	0.8	0.6	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	0.7	0.6	0.6	ND (0.5)	ND (0.5)	ND (0.5)

TABLE I.2

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Sample Location:		*EW1S-1*	*EW1S-1*	*EW1S-1 Dup.*	*EW1S-2*	*EW1S-2*	*EW1S-2*	*EW1S-2*	*EW1S-2*	*EW1S-2*	*EW1S-2*	*EW1S-2*
Sample ID:		*EW-050802-JMWF-267*	*GW-110502-RKTA-330*	*GW-110502-RKTA-331*	*EW-TMTR-156*	*EW-TMTR-191*	*EW-TMTR-076*	*EW-TM-091*	*TMMD-176*	*EW-111201-JPJB-226*	*EW-050802-JMWF-266*	*GW-110502-RKTA-332*
Sample Date:		*5/8/02*	*11/06/02*	*11/06/02*	*12/14/1999*	*3/1/2000*	*6/20/2000*	*11/3/2000*	*5/21/2001*	*11/12/2001*	*5/8/02*	*11/06/02*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Vinyl chloride	ug/L	**10**	**10**	**10**	**61**	**120**	**100**	**82**	**85**	**96**	**100**	**69**
Bromomethane	ug/L	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1-Dichloroethene	ug/L	ND (1)	ND (1.0)	ND (1.0)	5	5	7	4.3	3	3	3.3	2.4
Carbon disulfide	ug/L	ND (5)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)
Acetone	ug/L	ND (5)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)
Methylene chloride	ug/L	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
trans-1,2-Dichloroethene	ug/L	7.5	7.8	8.1	16	18	21	25	27	ND (0.5)	22	22
1,1-Dichloroethane	ug/L	100	120	120	390	580	520	470	480	630	420	390
cis-1,2-Dichloroethene	ug/L	49	59	60	**330**	**450**	**470**	**450**	**440**	**500**	**370**	**360**
2-Butanone	ug/L	ND (5)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	ND (1)	ND (1.0)	ND (1.0)	0.8	0.6	0.9	1.1	0.8	0.9 J	0.53J	0.61
1,1,1-Trichloroethane	ug/L	11	13	13	86	100	94	80	81	110	78	76
Carbon tetrachloride	ug/L	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Benzene	ug/L	0.41J	ND (1.0)	ND (1.0)	0.7	0.9	1	1.3	1	1	0.93	1.0 J
1,2-Dichloroethane	ug/L	**6.2**	**6.5**	**6.9**	ND (0.5)	1	2	1.6	2	2 J	ND (1)	1.3
Trichloroethene	ug/L	1.5	1.8	1.9	**96**	**98**	**85**	**67**	**70**	**96**	**81**	**78**
1,2-Dichloropropane	ug/L	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	0.5	ND (0.5)	0.6	ND (1)	ND (1.0)
Bromodichloromethane	ug/L	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
4-Methyl-2-pentanone	ug/L	ND (5)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)
Toluene	ug/L	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1,2-Trichloroethane	ug/L	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	0.7	ND (0.5)	0.7	ND (1)	ND (1.0)
Tetrachloroethene	ug/L	ND (1)	ND (1.0)	ND (1.0)	**7**	**7**	**7**	**7.2**	**5**	**6**	3.7	4.3
Dibromochloromethane	ug/L	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Chlorobenzene	ug/L	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Ethylbenzene	ug/L	.48J	0.58 J	0.68 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Styrene	ug/L	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Bromoform	ug/L	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Xylene (total)	ug/L	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)

TABLE I.2

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Sample Location:		*EW1S-3*	*EW1S-3*	*EW1S-3*	*EW1S-3*	*EW1S-3*	*EW1S-3*	*EW1S-3*	*EW1S-3*	*EW1S-4*	*EW1S-4*	*EW1S-4*
Sample ID:		*EW-TMTR-155*	*EW-TMTR-193*	*EW-TMTR-075*	*EW-TM-093*	*TMMD-178*	*EW-111201-JPJB-227*	*EW-050802-JMWF-265*	*GW-110502-RKTA-333*	*EW-TMTR-145*	*EW-TMTR-147*	*EW-TMTR-195*
Sample Date:		*12/14/1999*	*3/1/2000*	*6/20/2000*	*11/3/2000*	*5/21/2001*	*11/12/2001*	*5/8/02*	*11/06/02*	*12/14/1999*	*12/14/1999*	*3/1/2000*
											Duplicate	
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	**10**	**8**	**10**	6.5	4	5	4.5	3.2	2	2	3
Carbon disulfide	ug/L	ND (2)	ND (4)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (4)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	1	ND (1)	ND (0.8) U	ND (0.5) UJ	ND (0.8) U	0.5	ND (1)	ND (1.0)	0.8	0.7	1
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	6	7	8	12	13	17	15	14	16	15	15
cis-1,2-Dichloroethene	ug/L	3	3	5	5.7	5	5	3.7	3.8	7	7	6
2-Butanone	ug/L	ND (2)	ND (4)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	12	11	13	14	11	11	8.5	7.0	5	6	4
1,1,1-Trichloroethane	ug/L	140	140	120	100	110	120	110	100	34	40	38
Carbon tetrachloride	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	**160**	**160**	**130**	**110**	**110**	**120**	**140**	**140**	**7**	**7**	**6**
1,2-Dichloropropane	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (4)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	**8**	**8**	**8**	**10**	**7**	**10**	**9.2**	**12**	**30**	**28**	**28**
Dibromochloromethane	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)

Notes:

ND (0.5) - The param

J - The associated resu

TABLE I.2

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Sample Location:		*EW1S-4*	*EW1S-4*	*EW1S-4*	*EW1S-4*	*EW1S-4*	*EW1S-4*	*EW1S-4*
Sample ID:		*EW-TMTR-073*	*EW-TMTR-074*	*EW-TM-095*	*TMMD-180*	*EW-111201-JPJB-228*	*EW-050802-JMDE-264*	*GW-110502-RKTA-334*
Sample Date:		*6/20/2000*	*6/20/2000*	*11/3/2000*	*5/21/2001*	*11/12/2001*	*5/8/02*	*11/06/02*
			Duplicate					
Parameter (Volatiles)	*Unit*							
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1-Dichloroethene	ug/L	3	3	2.2	1	2	1.5	ND (1.0)
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)
Acetone	ug/L	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)
Methylene chloride	ug/L	ND (0.6) U	ND (0.6) U	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	.36J	ND (1.0)
1,1-Dichloroethane	ug/L	16	16	18	14	21	17	15
cis-1,2-Dichloroethene	ug/L	6	6	6.8	5	7	5.9	5.8
2-Butanone	ug/L	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	4	5	3.8	2	3 J	1.3J	0.87 J
1,1,1-Trichloroethane	ug/L	38	39	32	28	38 J	25J	21
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,2-Dichloroethane	ug/L	0.7	0.7	0.7	0.6	0.9 J	ND (1)	0.60 J
Trichloroethene	*ug/L*	***6***	***7***	***7.1***	***5***	***7***	***5.3***	***5.5***
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Tetrachloroethene	ug/L	**27**	**30**	**30**	**21**	**24**	**20**	**22**
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)

eter was not detected above the reporting limit The reporting limit is an estimated limit.
ilt is an estimated quantity.

TABLE I.3

GROUNDWATER CHARACTERIZATION
TWO LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*CRA-16A*	*CRA-16A*	*CRA-16A*	*CRA-16A*	*CRA-16A*	*CRA-16A*	*CRA-16A*	*CRA-16A*	*CRA-16A*	*CRA-16A*	*CRA-16B*
Sample ID:		*GW-TMTR-123*	*GW-TMTR-125*	*GW-TMTR-192*	*GW-TMTR-052*	*GW-TMTR-054*	*GW-TM-106*	*TMMD-166*	*GW-111301-JPJB-234*	*GW-050802-JMDE-273*	*GW-110602-AMDE-314*	*GW-TMTR-121*
Sample Date:		*12/9/1999*	*12/9/1999*	*2/28/2000*	*6/15/2000*	*6/15/2000*	*11/2/2000*	*5/18/2001*	*11/13/2001*	*5/8/02*	*11/06/02*	*12/9/1999*
			Duplicate			*Duplicate*						
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
1,1-Dichloroethene	ug/L	1	1	2	2	2	2.2	3	5	7.3	6.3	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2) UJ	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	3	ND (5)	ND (5.0)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	.52J	0.58 J	ND (0.5)
1,1-Dichloroethane	ug/L	1	1	2	2	1	2.3	3	5	6.1	5.1	ND (0.5)
cis-1,2-Dichloroethene	ug/L	5	5	8	8	6	7.6	12	17	24	17	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
1,1,1-Trichloroethane	ug/L	5	5	ND (0.5)	8	6	4.3	4	8	17	29	ND (0.5)
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Trichloroethene	ug/L	2	2	3	4	4	3.3	3	3	1.1	ND (1.0)	ND (0.5)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	0.73 J	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Tetrachloroethene	ug/L	**180**	**180**	**220**	**160**	**160**	**110**	**110**	**72**	**57**	**52**	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)

TABLE I.3

GROUNDWATER CHARACTERIZATION
TWO LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*CRA-16B*	*CRA-16B*	*CRA-16B*	*CRA-16B*	*CRA-16B*	*CRA-16B*	*CRA-16B*	*CRA-16B*	*CRA-33*	*CRA-33*	*CRA-33*
Sample ID:		*GW-TMTR-190*	*GW-TMTR-050*	*GW-TM-107*	*GW-TM-108*	*TMMD-164*	*GW-111301-JPJB-236*	*GW-050802-JMDE-274*	*GW-110602-AMDE-315*	*GW-TMTR-140*	*GW-TMTR-194*	*GW-TMTR-196*
Sample Date:		*2/28/2000*	*6/15/2000*	*11/2/2000*	*11/2/2000*	*5/18/2001*	*11/13/2001*	*5/8/02*	*11/06/02*	*12/9/1999*	*2/29/2000*	*2/29/2000*
					Duplicate							*Duplicate*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	**67**	**45 J**	**53**
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	0.9	ND (0.5)	ND (0.5)
Carbon disulfide	ug/L	ND (2) UJ	ND (2)	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2) UJ	ND (2) UJ
Acetone	ug/L	ND (2)	ND (2)	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	890	1700	1700
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	4	3	4
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	34	39	42 J
1,1-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	710	560	600
cis-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	**420**	**340 J**	**430 J**
2-Butanone	ug/L	ND (2)	ND (2)	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	140 J	100 J
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	**12**	**17**	**17**
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	**77**	**76**	**71**
Trichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	0.6	ND (0.5)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	2	2	2
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	1200	810	830
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	180	160	190
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE I.3

GROUNDWATER CHARACTERIZATION
TWO LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*CRA-33*	*CRA-33*	*CRA-33*	*CRA-33*	*CRA-33*	*CRA-33*	*CRA-48*	*CRA-48*	*CRA-48*	*CRA-48*	*CRA-48*
Sample ID:		*GW-TMTR-056*	*GW-TM-109*	*TMMD-149*	*GW-111301-JPJB-235*	*GW-050802-JMDE-272*	*GW-110602-AMDE-313*	*GW-TMTR-134*	*GW-TMTR-182*	*GW-TMTR-048*	*GW-TM-102*	*TMMD-135*
Sample Date:		*6/15/2000*	*11/2/2000*	*5/18/2001*	*11/13/2001*	*5/8/02*	*11/06/02*	*12/8/1999*	*2/25/2000*	*6/15/2000*	*11/1/2000*	*5/16/2001*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	**29 J**	**27**	**16**	**9.2**	**9.2**	**6.3**	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	0.8 J	ND (0.5)	0.5	ND (0.5)	ND (5)	ND (1.0)	2	1	1	0.6	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (25)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)
Acetone	ug/L	1000	140	ND (2)	ND (2)	ND (25)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)
Methylene chloride	ug/L	ND (5) U	2.2	2	1	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	38 J	31	22	16	16	14	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	320	200	140	110	86	49	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	**310**	**210**	**160**	**86**	**86**	28	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Butanone	ug/L	85	ND (2.0)	ND (2)	ND (2)	ND (25)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	2 J	1.4	1	2	ND (5)	ND (1.0)	50	42	58	55	40
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	**26 J**	**31**	**22**	**17**	**17**	**17**	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	**78**	**67**	**82**	**5.0**	ND (5)	**56**	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	0.6 J	0.5	1	2	ND (5)	2.3	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	ug/L	3 J	3.0	2	5.0	ND (5)	1.7	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	1200	1100	1500	ND (200)	25	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)
Toluene	ug/L	190	220	910	400	400	420	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE I.3

GROUNDWATER CHARACTERIZATION
TWO LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*CRA-48*	*CRA-48*	*CRA-48*	*CRA-48*	*CRA-48*	*MW-3*	*MW-3*	*MW-3*	*MW-3*	*MW-3*	*MW-3*
Sample ID:		*GW-111301-JPJB-229*	*GW-051302-TA-289*	*GW-051302-TA-290*	*GW-110602-AMDE-323*	*GW-110602-AMDE-324*	*GW-TMTR-132*	*GW-TMTR-179*	*GW-TMTR-046*	*GW-TM-105*	*TMMD-145*	*GW-111301-JPJB-230*
Sample Date:		*11/13/2001*	*5/13/02*	*5/13/02*	*11/06/02*	*11/06/02*	*12/8/1999*	*2/25/2000*	*6/15/2000*	*11/2/2000*	*5/17/2001*	*11/13/2001*
				Duplicate								
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (5)	ND (5)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (5)	ND (5)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (5)	ND (5)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	45	53	51	22	23	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (5)	ND (5)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE I.3

GROUNDWATER CHARACTERIZATION
TWO LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*MW-3*	*MW-3*	*MW-9*	*MW-9*	*MW-9*	*MW-9*	*MW-9*	*MW-9*	*MW-9*	*MW-9*	*MW-25*
Sample ID:		*GW-050802-JMDE-271*	*GW-110602-AMDE-322*	*GW-TMTR-138*	*GW-TMTR-186*	*GW-TMTR-055*	*GW-TM-098*	*TMMD-147*	*GW-111301-JPJB-233*	*GW-050802-TA-258*	*GW-110602-AMDE-316*	*GW-TMTR-136*
Sample Date:		*5/8/02*	*11/06/02*	*12/9/1999*	*2/25/2000*	*6/15/2000*	*11/1/2000*	*5/17/2001*	*11/13/2001*	*5/8/02*	*11/06/02*	*12/8/1999*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Vinyl chloride	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Bromomethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Carbon disulfide	ug/L	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)
Acetone	ug/L	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)
Methylene chloride	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	0.8	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
1,1-Dichloroethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
2-Butanone	ug/L	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
1,1,1-Trichloroethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Carbon tetrachloride	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Benzene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Trichloroethene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	0.7	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
1,2-Dichloropropane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Bromodichloromethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)
Toluene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Tetrachloroethene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Dibromochloromethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Chlorobenzene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Ethylbenzene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Styrene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Bromoform	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)
Xylene (total)	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)

TABLE I.3

GROUNDWATER CHARACTERIZATION
TWO LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*MW-25*	*MW-25*	*MW-25*	*MW-25*	*MW-25*	*MW-25*	*MW-25*	*MW-48*	*MW-48*	*MW-48*	*MW-48*
Sample ID:		*GW-TMTR-184*	*GW-TMTR-053*	*GW-TM-100*	*TMMD-160*	*GW-111301-JPJB-231*	*GW-050802-TA-259*	*GW-110602-AMDE-318*	*GW-TMTR-119*	*GW-TMTR-188*	*GW-TMTR-057*	*GW-TM-104*
Sample Date:		*2/25/2000*	*6/15/2000*	*11/1/2000*	*5/17/2001*	*11/13/2001*	*5/8/02*	*11/06/02*	*12/9/1999*	*2/28/2000*	*6/15/2000*	*11/1/2000*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)
Acetone	ug/L	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE I.3

GROUNDWATER CHARACTERIZATION
TWO LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*MW-48*	*MW-48*	*MW-48*	*MW-48*	*EW2N-2*	*EW2N-2*	*EW2N-2*	*EW2N-2*	*EW2N-2*	*EW2N-2*	*EW2N-2*
Sample ID:		*TMMD-162*	*GW-111301-JPJB-232*	*GW-050902-TA-275*	*GW-110602-AMDE-317*	*EW-TMTR-151*	*EW-TMTR-206*	*EW-TMTR-070*	*EW-TM-119*	*TMMD-181*	*EW-111301-JPJB-237*	*EW-111301-JPJB-238*
Sample Date:		*5/17/2001*	*11/13/2001*	*5/9/02*	*11/06/02*	*12/13/1999*	*3/1/2000*	*6/20/2000*	*11/3/2000*	*5/21/2001*	*11/13/2001*	*11/13/2001*
												Duplicate
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND 5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE I.3

GROUNDWATER CHARACTERIZATION
TWO LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*EW2N-2*	*EW2N-2*	*EW2N-3*	*EW2N-3*	*EW2N-3*	*EW2N-3*	*EW2N-3*	*EW2N-3*	*EW2N-3*	*EW2N-3 Dup.*	*EW2N-3*
Sample ID:		*EW-050802-TA-254*	*GW-110602-AMDE-319*	*EW-TMTR-150*	*EW-TMTR-207*	*EW-TMTR-071*	*EW-TM-120*	*TMMD-182*	*EW-111201-JPJB-216*	*EW-050802-TA-255*	*EW-050802-TA-256*	*GW-110602-AMDE-320*
Sample Date:		*5/8/02*	*11/06/02*	*12/13/1999*	*3/1/2000*	*6/20/2000*	*11/3/2000*	*5/21/2001*	*11/12/2001*	*5/8/02*	*5/8/02*	*11/06/02*
											Duplicate	
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
Vinyl chloride	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
Bromomethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
1,1-Dichloroethene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
Carbon disulfide	ug/L	ND (5)	ND (5.0)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5)	ND (5.0)
Acetone	ug/L	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5)	ND (5.0)
Methylene chloride	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
trans-1,2-Dichloroethene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
1,1-Dichloroethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
cis-1,2-Dichloroethene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
2-Butanone	ug/L	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
1,1,1-Trichloroethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.7	0.81J	0.85J	ND (1.0)
Carbon tetrachloride	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
Benzene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
1,2-Dichloroethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
Trichloroethene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
1,2-Dichloropropane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
Bromodichloromethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
4-Methyl-2-pentanone	ug/L	ND 5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND 5)	ND 5)	ND (5.0)
Toluene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
1,1,2-Trichloroethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
Tetrachloroethene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
Dibromochloromethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
Chlorobenzene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
Ethylbenzene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
Styrene	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (1)	ND (1)	ND (1.0)
Bromoform	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)
Xylene (total)	ug/L	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1.0)

TABLE I.3

GROUNDWATER CHARACTERIZATION
TWO LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*EW2N-4*	*EW2N-4*	*EW2N-4*	*EW2N-4*	*EW2N-4*	*EW2N-4*	*EW2N-4*	*EW2N-4*
Sample ID:		*EW-TMTR-149*	*EW-TMTR-208*	*EW-TMTR-072*	*EW-TM-121*	*TMMD-183*	*EW-111201-JPJB-214*	*EW-050802-TA-257*	*GW-110602-AMDE-321*
Sample Date:		*12/13/1999*	*3/1/2000*	*6/20/2000*	*11/3/2000*	*5/21/2001*	*11/12/2001*	*5/8/02*	*11/06/02*
Parameter (Volatiles)	*Unit*								
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	0.9	1	2	1.3	1.2
Carbon disulfide	ug/L	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1-Dichloroethane	ug/L	0.7	2	2	3.7	4	4	2.2	2.3
cis-1,2-Dichloroethene	ug/L	2	9	14	21	21	21	18	19
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1,1-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	11	26	27	36
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Trichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	3 0
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Styrene	ug/L	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)

Notes:

ND (0.5) - The parameter was not detected above the reporting limit The reporting limit is an estimated limit.

J - The associated result is an estimated quantity.

TABLE I.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location:		*CRA-39*	*CRA-39*	*CRA-39*	*CRA-39 Dup*	*CRA-39*	*CRA-39*	*CRA-39*	*CRA-39 Dup*	*CRA-39*	*CRA-39*	*CRA-39B*
Sample ID:		*GW-TMTR-148*	*GW-TMTR-200*	*GW-TMTR-038*	*GW-TMTR-040*	*GW-TM-127*	*TMMD-172*	*GW-110901-JPJB-211*	*GW-110901-JPJB-213*	*GW-051302-TADE-283*	*GW-110702-AMDE-326*	*GW-TMTR-129*
Sample Date:		*12/9/1999*	*2/29/2000*	*6/14/2000*	*6/14/2000*	*11/6/2000*	*5/18/2001*	*11/9/2001*	*11/9/2001*	*5/13/02*	*11/07/02*	*12/9/1999*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)
1,1-Dichloroethene	ug/L	2	2 J	2	2	2.3 J	1	1	1	ND (5)	1.6	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (2) UJ	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	25	ND (5.0)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	6	4	25	ND (5.0)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.6 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	2	2 J	2	2	2.1 J	1	1	1	ND (5)	2.9	ND (0.5)
1,1-Dichloroethane	ug/L	96	63	80	67	70 J	36	38	37	49	51	ND (0.5)
cis-1,2-Dichloroethene	ug/L	**410**	**350**	**320**	**270**	**250 J**	**190**	**170**	**180**	**230**	**260**	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (25)	ND (5.0)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)
1,1,1-Trichloroethane	ug/L	23	21 J	24	28	36 J	17	24	24	24	26	ND (0.5)
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)
Benzene	ug/L	0.5	0.7 J	ND (0.5)	0.5	0.9 J	0.5	ND (0.5)	ND (0.5)	ND (5)	0.52 J	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)
Trichloroethene	ug/L	**550**	**460**	**540**	**470**	**490 J**	**260**	**270**	**270**	**320**	**460**	ND (0.5)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (25)	ND (5.0)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)
Tetrachloroethene	ug/L	**15**	**19 J**	**14**	**16**	**21 J**	**9**	**12**	**11**	**14**	**27**	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)
Ethylbenzene	ug/L	6	7 J	6	7	6.5 J	6	6	6	4.1J	4.2	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)

TABLE I.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location:		*CRA-39B*	*CRA-39B*	*CRA-39B*	*CRA-39B*	*CRA-39B*	*CRA-39B*	*CRA-39B*	*CRA-54*	*CRA-54*	*CRA-54*	*CRA-54*
Sample ID:		*GW-TMTR-185*	*GW-TMTR-036*	*GW-TM-126*	*TMMD-170*	*GW-110901-JPJB-209*	*GW-051302-TADE-282*	*GW-110702-AMDE-327*	*GW-TMTR-131*	*GW-TMTR-199*	*GW-TMTR-047*	*GW-TM-124*
Sample Date:		*2/29/2000*	*6/14/2000*	*11/6/2000*	*5/18/2001*	*11/9/2001*	*5/13/02*	*11/07/02*	*12/10/1999*	*2/29/2000*	*6/14/2000*	*11/6/2000*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	0.6	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	**25**	**23**	**16**	**22**
Carbon disulfide	ug/L	ND (2) UJ	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)
Acetone	ug/L	ND (2)	2	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	1	2	2	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	13	24	26	18
1,1-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	320	610	600	270 J
cis-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	**860**	**1700**	**1500**	**1200 J**
2-Butanone	ug/L	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	**320**	**250**	**220**	**350 J**
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	1	0.5
Trichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	1	0.9	0.8	1.6
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE I.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location:		*CRA-54 Dup*	*CRA-54*	*CRA-54 Dup*	*CRA-54*	*CRA-54*	*CRA-54*	*CRA-55*	*CRA-55*	*CRA-55*	*CRA-55*	*CRA-55*
Sample ID:		*GW-TM-125*	*TMMD-155*	*TMMD-157*	*GW-110901-JPJB-215*	*GW-051302-TADE-287*	*GW-110602-RKTA-337*	*GW-TMTR-146*	*GW-TMTR-183*	*GW-TMTR-045*	*GW-TM-122*	*TMMD-133*
Sample Date:		*11/6/2000*	*5/18/2001*	*5/18/2001*	*11/9/2001*	*5/13/02*	*11/06/02*	*12/9/1999*	*2/29/2000*	*6/14/2000*	*11/6/2000*	*5/16/2001*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	0.5	ND (0.5)	2	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	**19**	**9**	**9**	**10**	ND (25)	6.6	4	**8**	6	4.1	3
Carbon disulfide	ug/L	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (120)	ND (5.0)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2)
Acetone	ug/L	ND (2.0)	ND (3) U	ND (2)	ND (2)	ND (120)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	2 U
Methylene chloride	ug/L	ND (0.5)	2	2	2	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	17	21	20	22	31	21	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	310	290	280	300	390	140	6	17 J	18	9.6	5
cis-1,2-Dichloroethene	ug/L	**1200**	**1300**	**1200**	**1700**	**1400**	**940**	0.8	1	1	0.8	0.6
2-Butanone	ug/L	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (120)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	**350**	180	180	180	180	95	76	150	**84**	**84**	**86**
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	0.9	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	1	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (120)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	1.4	0.8	0.8	1	ND (25)	0.64 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (25)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE I.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location:		*CRA-55*	*CRA-55*	*CRA-55*	*CRA-55*	*CRA-57*	*CRA-57*	*CRA-57*	*CRA-57*	*CRA-57*	*CRA-57*	*CRA-57*
Sample ID:		*GW-110901-JPJB-212*	*GW-051302-TADE-285*	*GW-051302-TADE-286*	*GW-110602-RKTA-338*	*GW-TMTR-144*	*GW-TMTR-197*	*GW-TMTR-043*	*GW-TM-103*	*TMMD-151*	*GW-110901-JPJB-208*	*GW-051302-TADE-284*
Sample Date:		*11/9/2001*	*5/13/02*	*5/13/02*	*11/06/02*	*12/9/1999*	*2/29/2000*	*6/14/2000*	*11/6/2000*	*5/18/2001*	*11/9/2001*	*5/13/02*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Vinyl chloride	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Bromomethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
1,1-Dichloroethene	ug/L	5	4	3.6	2.8	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Carbon disulfide	ug/L	ND (2)	ND (5)	ND (5)	ND (5.0)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)
Acetone	ug/L	ND (2)	ND (5)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)
Methylene chloride	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
1,1-Dichloroethane	ug/L	5	1.1	1	0.73 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
cis-1,2-Dichloroethene	ug/L	2	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
2-Butanone	ug/L	ND (2)	ND (5)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
1,1,1-Trichloroethane	ug/L	130	150	140	120	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Carbon tetrachloride	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (1)
Benzene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (1)
Trichloroethene	ug/L	1	ND (1)	ND (1)	1.4	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Bromodichloromethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (5)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)
Toluene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Tetrachloroethene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Dibromochloromethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Chlorobenzene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Ethylbenzene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Styrene	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Bromoform	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Xylene (total)	ug/L	ND (0.5)	ND (1)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)

TABLE I.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location:		*CRA-57*	*CRA-61*	*CRA-61*	*CRA-61*	*CRA-61*	*CRA-61*	*CRA-61*	*CRA-61*	*CRA-61*	*MW-67*	*MW-67*
Sample ID:		*GW-110602-RKTA-335*	*GW-TMTR-142*	*GW-TMTR-198*	*GW-TMTR-041*	*GW-TM-123*	*TMMD-153*	*GW-110901-JPJB-210*	*GW-051302-TADE-288*	*GW-110602-RKTA-336*	*GW-TMTR-127*	*GW-TMTR-181*
Sample Date:		*11/06/02*	*12/9/1999*	*2/29/2000*	*6/14/2000*	*11/6/2000*	*5/18/2001*	*11/9/2001*	*5/13/02*	*11/06/02*	*12/9/1999*	*2/29/2000*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
Carbon disulfide	ug/L	ND (5.0)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2) UJ
Acetone	ug/L	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
2-Butanone	ug/L	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
Carbon tetrachloride	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	1.4	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)
Toluene	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)

TABLE I.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location:		*MW-67*	*MW-67*	*MW-67*	*MW-67*	*MW-67*	*MW-67*	*EWSL-1*	*EWSL-1*	*EWSL-1 Dup*	*EWSL-1*	*EWSL-1*
Sample ID:		*GW-TMTR-037*	*GW-TM-087*	*TMMD-168*	*GW-110801-JPJB-206*	*GW-051302-TADE-281*	*GW-110702-AMDE-325*	*EW-TMTR-133*	*EW-TMTR-201*	*EW-TMTR-202*	*EW-TMTR-069*	*GW-TM-129*
Sample Date:		*6/13/2000*	*11/2/2000*	*5/18/2001*	*11/9/2001*	*5/13/02*	*11/07/02*	*12/13/1999*	*3/1/2000*	*3/1/2000*	*6/19/2000*	*11/6/2000*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	0.6	0.6	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	2	3	3	2	1.9
Carbon disulfide	ug/L	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2) UJ	ND (2) UJ	ND (2)	ND (2.0)
Acetone	ug/L	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1) U	2	1	ND (2) U	1.0
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	9	10	10	8	8.0
1,1-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	200	240	220	170	160
cis-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	**520**	**560**	**510**	**410**	**340**
2-Butanone	ug/L	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	2	2	2	ND (0.5)	1.6
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	0.5	0.6	0.6	0.5	0.5
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	0.9	ND (0.5)	0.9	0.9
Trichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	0.5	ND (1)	ND (1.0)	**18**	**24**	**25**	**18**	**10**
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE I.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location:		*EWSL-1*	*EWSL-1*	*EWSL-1 Dup*	*EWSL-1*	*EWSL-1*	*EWSL-2*	*EWSL-2*	*EWSL-2*	*EWSL-2*	*EWSL-2*	*EWSL-2*
Sample ID:		*TMMD-173*	*EW-111201-JPJB-217*	*EW-111201-JPJB-218*	*EW-051302-TA-280*	*GW-110702-AMDE-339*	*EW-TMTR-135*	*EW-TMTR-203*	*EW-TMTR-068*	*GW-TM-130*	*TMMD-175*	*EW-111201-JPJB-219*
Sample Date:		*5/22/2001*	*11/12/2001*	*11/12/2001*	*5/13/02*	*11/07/02*	*12/13/1999*	*3/1/2000*	*6/19/2000*	*11/6/2000*	*5/22/2001*	*11/12/2001*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	**2**	**2**	**2**	ND (5)	2.0	6	**26**	**23**	**16 J**	6	7
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (25)	ND (5.0)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	3	ND (25)	ND (5.0)	ND (2)	ND (2)	14	ND (2.0)	ND (2)	19
Methylene chloride	ug/L	1	0.9	0.8	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	7	**8**	**8**	6.7	8.6	0.8	2	2	2.0 J	2	2
1,1-Dichloroethane	ug/L	130	140	140	100	100	31	64	57	66 J	63	58
cis-1,2-Dichloroethene	ug/L	**330**	**340**	**340**	**230**	**300**	**99**	**140**	**170**	**220 J**	**190**	**190**
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (25)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	1	2	2	ND (5)	2.2	**320**	**320**	**270**	**230 J**	**260**	**270**
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	0.6	0.6	ND (5)	0.85 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	1	1	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	**10**	**14**	**15**	**13**	**12**	**38**	**51**	**56**	**78 J**	**66**	**89**
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2)	ND (25)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	2
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE I.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location:		*EWSL-2*	*EWSL-2*	*EWSL-3*	*EWSL-3*	*EWSL-3*	*EWSL-3*	*EWSL-3*	*EWSL-3*	*EWSL-3*	*EWSL-3*	*EWSL-3*
Sample ID:		*EW-051302-TA279*	*GW-110702-AMDE-340*	*EW-TMTR-137*	*EW-TMTR-204*	*EW-TMTR-067*	*EW-TM-101*	*TMMD-177*	*EW-111201-JPJB-220*	*EW-051302-TA-278*	*GW-110702-AMDE-341*	*GW-110702-AMDE-342*
Sample Date:		*5/13/02*	*11/07/02*	*12/13/1999*	*3/1/2000*	*6/19/2000*	*11/3/2000*	*5/22/2001*	*11/12/2001*	*5/13/02*	*11/07/02*	*11/07/02*
												Duplicate
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
Vinyl chloride	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
Bromomethane	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
1,1-Dichloroethene	ug/L	5.4	6.5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
Carbon disulfide	ug/L	ND (25)	ND (5.0)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (5.0)
Acetone	ug/L	ND (25)	16	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (5.0)
Methylene chloride	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
trans-1,2-Dichloroethene	ug/L	3.1J	4.1	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
1,1-Dichloroethane	ug/L	66	55	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
cis-1,2-Dichloroethene	ug/L	**210**	**290**	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.8	0.9	0.73	1 J	1.4
2-Butanone	ug/L	ND (25)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
1,1,1-Trichloroethane	ug/L	**210**	**240**	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
Carbon tetrachloride	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
Benzene	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
1,2-Dichloroethane	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
Trichloroethene	ug/L	**97**	**87**	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
1,2-Dichloropropane	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
Bromodichloromethane	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
4-Methyl-2-pentanone	ug/L	ND (25)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5.0)	ND (5.0)
Toluene	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
1,1,2-Trichloroethane	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
Tetrachloroethene	ug/L	**6.9**	**12**	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
Dibromochloromethane	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
Chlorobenzene	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
Ethylbenzene	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
Styrene	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
Bromoform	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)
Xylene (total)	ug/L	ND (5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)	ND (1.0)

TABLE I.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location:		*EWSL-4*	*EWSL-4*	*EWSL-4*	*EWSL-4*	*EWSL-4 Dup*	*EWSL-4*	*EWSL-4 Dup*	*EWSL-4*	*EWSL-4*	*EWSL-4*
Sample ID:		*EW-TMTR-141*	*EW-TMTR-205*	*EW-TMTR-065*	*EW-TM-097*	*EW-TM-099*	*TMMD-179*	*TMMD-184*	*EW-111201-JPJB-221*	*EW-051302-TA-277*	*GW-110702-AMDE-343*
Sample Date:		*12/13/1999*	*3/1/2000*	*6/19/2000*	*11/3/2000*	*11/3/2000*	*5/22/2001*	*5/22/2001*	*11/12/2001*	*5/13/02*	*11/07/02*
Parameter (Volatiles)	*Unit*										
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	0.6	0.7	ND (0.5)	0.5	0.6	0.6	ND (1)	ND (1.0)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	0.5	ND (0.5)	ND (0.5)	ND (0.5)	0.6	0.79J	0.62 J
Carbon disulfide	ug/L	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5.0)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5.0)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	0.92 J
trans-1,2-Dichloroethene	ug/L	ND (0.5)	0.6	ND (0.5)	0.8	0.8	1	1	1	1.6	1.9
1,1-Dichloroethane	ug/L	70	120	83	72 J	90 J	86	98	120	120	130
cis-1,2-Dichloroethene	ug/L	34	35	28	34 J	43 J	45	54	63	**84**	**100**
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1,1-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.6	ND (1)	ND (1.0)
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.6	0.68J	0.55 J
Trichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	0.73 J
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5.0)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.0)

Notes:

ND (0.5) - The parameter was not detected above the reporting limit The reporting limit is an estimated limit.
J - The associated result is an estimated quantity.

ATTACHMENT V

MINUTES FROM MONTHLY TELECONFERENCES

LFR
LEVINE•FRICKE

TELECONFERENCE MINUTES

Date: July 2, 2002

Time: 10:00 am CST

Participants: Jeff Gore, USEPA
Resa Ramsey, IDEM
Richard Paulen, Fisher-Calo Trustee
Rob Olian, Fisher Calo Trustee
Bruce White, Fisher Calo Trustee
Dave Heidlauf, MWH
Wei-Lin Feng, LFR
Dale Ellingson, LFR

Subject: **Fisher-Calo Superfund Site - Minutes of Monthly Teleconference**

During the teleconference the following items were discussed:

1. Soil Report

Jeff, Resa and LaPorte County Health Inspector Danielle inspected the Site. No issues related to soil or ground water remediation were noted. Jeff wrote an approval letter for outstanding issues including Mt Fisher grading and One Line Road decontamination area and sent to Dick, Resa and Rick Frendt (Parsons).

2. Groundwater Treatment O&M

Wei-Lin Feng stated that LFR has sent the Annual Report to the Site Group for review. The final report will be sent to EPA and IDEM the week of July 15th. LFR continues to replace steel pipe with PVC when leaks occur. Flow rates are near target.

Resa stated that someone has contacted IDEM for information regarding the Site for a Phase I report. Resa also asked if the new KIP well is operating. Dick will contact Jeff Johnson (KIP) to determine status of the well.

Next Call August 6, 2002

LFR
LEVINE•FRICKE

TELECONFERENCE MINUTES

Date: August 6, 2002

Time: 10:00 am CST

Participants: Jeff Gore, USEPA
Resa Ramsey, IDEM
Richard Paulen, Fisher-Calo Trustee
Rob Olian, Fisher Calo Trustee
Bruce White, Fisher Calo Trustee
Dave Heidlauf, MWH
Dale Ellingson, LFR

Subject: **Fisher-Calo Superfund Site - Minutes of Monthly Teleconference**

During the teleconference the following items were discussed:

1. Soil Report

Soil remediation is complete, final approval letter sent to Dick Paulen.

2. Groundwater Treatment O&M

Dale Ellingson stated that LFR submitted the Annual Report on July 24, 2002. Jeff has reviewed it briefly, no new trends noted. Resa will begin review this week. Two brief system shutdowns due to power outages, system restarted by itself within one hour.

No other concerns noted by USEPA or IDEM.

Next Call September 3, 2002

LFR
LEVINE•FRICKE

Date: September 3, 2002

TELECONFERENCE MINUTES

Time: 10:00 am CST

Participants: Jeff Gore, USEPA
Resa Ramsey, IDEM
Richard Paulen, Fisher-Calo Trustee
Rob Olian, Fisher Calo Trustee
Bruce White, Fisher Calo Trustee
Dave Heidlauf, MWH
Wei-Lin Feng, LFR
Dale Ellingson, LFR

Subject: **Fisher-Calo Superfund Site - Minutes of Monthly Teleconference**

During the teleconference the following items were discussed:

1. Soil Report

No discussion, soil remediation is complete.

2. Groundwater Treatment O&M

Wei-Lin Feng stated LFR completed force main swabbing from all well field control buildings to the treatment plant. Well flow rates are at target following the force main swabbing. A lightning strike at two line north caused a one day shutdown of the two line north extraction wells. NIPSCO replaced a damaged transformer on the power pole. LFR completed hydraulic monitoring on August 20 and 21.

Resa Ramsey asked for errors in the annual report tables to be corrected. Resa spoke with Dale of LFR about corrections.

Dick Paulen stated he received a letter from Jeff Johnson stating the KIDP replacement well is functional. He forwarded the letter to Jeff and Resa. Resa forwarded the letter to the LaPorte County Health Department.

No other concerns noted by USEPA or IDEM.

Next Call October 1, 2002.

LFR
LEVINE•FRICKE

TELECONFERENCE MINUTES

Date: October 1, 2002

Time: 10:00 am CST

Participants: Jeff Gore, USEPA
Resa Ramsey, IDEM
Richard Paulen, Fisher-Calo Trustee
Rob Olian, Fisher Calo Trustee
Bruce White, Fisher Calo Trustee
Dave Heidlauf, MWH
Wei-Lin Feng, LFR
Dale Ellingson, LFR

Subject: **Fisher-Calo Superfund Site - Minutes of Monthly Teleconference**

During the teleconference the following items were discussed:

1. Soil Report

No discussion, soil remediation is complete.

2. Groundwater Treatment O&M

Wei-Lin Feng stated only shutdown during September is One Line South EW-2, which shut down Saturday night September 28. It appears the pump motor failed. LFR will have a driller fix it tomorrow, October 2. Verizon fixed phone line problems.

The driller will swab one line south yard pipes and change pump wet ends at EW1S-2 and 3 when the pump motor is replaced.

LFR will conduct hydraulic monitoring and semi annual groundwater sampling beginning November 4, 2002.

Resa Ramsey wants us to have an independent data validation person. LFR will have LFR Tallahasee office do data validation next time.

Resa and Jeff want replacement pages for annual report where needed. Jeff has a long-term goal to store data electronically. USEPA may need data electronically in the future.

No other concerns noted by USEPA or IDEM.

Next Call November 5, 2002.

LFR
LEVINE•FRICKE

TELECONFERENCE MINUTES

Date: November 5, 2002

Time: 10:00 am CST

Participants: Jeff Gore, USEPA
Resa Ramsey, IDEM
Richard Paulen, Fisher-Calo Trustee
Rob Olian, Fisher Calo Trustee
Bruce White, Fisher Calo Trustee
Wei-Lin Feng, LFR
Dale Ellingson, LFR

Subject: **Fisher-Calo Superfund Site - Minutes of Monthly Teleconference**

During the teleconference the following items were discussed:

1. Soil Report

No discussion, soil remediation is complete.

2. Groundwater Treatment O&M

Wei-Lin Feng stated there were problems with the CO2 vaporizer heater elements. BOC gases replaced the heater elements and the system is working.

LFR cleaned air strippers 1 and 3, replaced pump wet ends and swabbed yard pipes at One Line North and South and Two Line North Plumes. Flow rates are at target.

LFR is conducting hydraulic monitoring and semi annual groundwater sampling this week.

Jeff and Resa to visit site tomorrow.

No other concerns noted by USEPA or IDEM.

Next Call December 3, 2002.

LFR
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Date: December 3, 2002

TELECONFERENCE MINUTES

Time: 10:00 am CST

Participants: Jeff Gore, USEPA
Richard Paulen, Fisher-Calo Trustee
Rob Olian, Fisher Calo Trustee
Wei-Lin Feng, LFR
Dale Ellingson, LFR

Subject: **Fisher-Calo Superfund Site - Minutes of Monthly Teleconference**

During the teleconference the following items were discussed:

1. Soil Report

No discussion, soil remediation is complete.

2. Groundwater Treatment O&M

Wei-Lin Feng stated semi-annual ground water sampling and quarterly hydraulic monitoring were completed November 4-8. The ground water results are in and similar to previous sampling rounds.

The heaters in Space Leasing and Two Line North well field control buildings recently failed and were replaced. LFR will swab Space Leasing yard pipes on December 5. Flow rates are 2-4 gpm below target at EWSL-1 and 2 (mid plume wells). Overall flow rate is near target.

Jeff and Resa visited the site on November 6 to observe ground water sampling. Jeff visited the site on November 19 to test his security code in the treatment building alarm. It is working properly.

LFR will propose reducing the frequency of hydraulic monitoring from quarterly to semi-annually as allowed by the Statement of Work. This will be stated in the semi-annual report to be submitted in January 2003.

LFR stated landowner Mr. Robinson is again blocking access to One Line Road South access road. He has changed the lock on his security cable at One Line Road. Dick stated LFR should request a new key from Mr. Robinson.

No other concerns noted by USEPA.

Next Call January 7, 2003.