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July 23, 2002

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

Subject: **Annual Groundwater Treatment System Progress Report No. 4**
July 2001 through June 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 the Annual Progress Report for the period ending June 30, 2002. This annual report summarizes the operation, maintenance, and monitoring activities for the groundwater extraction and treatment system and presents the treatment plant and ground water monitoring data for the year from July 1, 2001 to June 30, 2002.

The contract for the operation of the groundwater extraction and treatment system at Fisher-Calo was transferred with the consent of USEPA and IDEM from Conestoga-Rovers & Associates (CRA) to LFR as of January 1, 2002. LFR and CRA conducted transition activities from November 2001 through January 2002. Starting February 1, 2002 LFR has taken full responsibility for operation of the facilities and reporting to USEPA and IDEM. LFR will be responsible for all future progress reports and for the operation of the groundwater extraction and treatment system.

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 1,185,120 gallons per day (gpd) (approximately 823 gpm) continuously throughout the period. LFR and CRA conducted extensive equipment maintenance activities on the pumps, valves and piping during the transition period. A summary of the maintenance activities is presented in Attachment I. During the transition period, CRA shut

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down the plant for one day to clean air-stripper 2 and one-half day to clean the 5000-gallon equalization tank. In addition, the plant shut down for about 8 hours unexpectedly due to a power outage caused by an ice storm on January 31, 2002.

1.2 Treatment Plant Sampling

Persuant to the approved O,M&M Sampling and Analysis Plan, LFR conducted annual sampling of the groundwater treatment system during the period to verify that the extracted groundwater was being properly treated such that the approved discharge standards were being met. The treatment plant sampling included the combined influent flow (all four well field control buildings combined) and the effluent flow. The sampling was conducted in April 2002.

1.2.1. Data Review and Validation

The data from the treatment system sampling were validated according to the requirements of the OM&M Plan Quality Assurance Project Plan (QAPP). The sample data were evaluated for accuracy by assessing the percent recoveries from blank spikes, laboratory control samples, and surrogate compound spikes as well as from laboratory method blank sample data.

The precision of the data was assessed by a review of the data from laboratory and field duplicate sample analyses. The effects of the sample matrices on the precision and accuracy of the data were evaluated by the analysis of matrix spike/matrix spike duplicate samples. All of the data were determined to be acceptable for use in the monitoring program. The data validation memo for the April 2002 treatment plant sampling event, detailing the assessment of the treatment system data, is presented in Attachment II.

1.2.2 Summary of Treatment Plant Data

LFR conducted annual treatment plant sampling during this reporting period on April 12, 2002. The data presented in Tables 1 and 2 show that the treatment system is effectively treating the groundwater and that all discharge standards for the treated groundwater are being met according to the RAWP.

1.2.3 Treatment Plant Air Discharges

The actual concentration of volatile organic compounds (VOCs) within the influent to the treatment plant continue to be lower than the estimated design influent profile concentration which were developed within the RA Work Plan. Therefore, VOCs present in the daily air discharge from the air strippers should be well below the allowable of 15 pounds per day (lbs/day). In order to confirm this, LFR calculated the total mass of VOCs discharged to the atmosphere using mass balance equations and the annual influent sampling data. The mass balance calculation assumes that the entire mass is vented to the atmosphere. Table 3 summarizes the calculation of VOCs

present in the air discharge for the past ten events. Based on the most recent influent data, the total mass of VOCs discharged to the atmosphere is 2.38 lbs/day, which is well below the allowable 15 lbs/day.

1.2.4. Treatment System Sampling

The Fisher-Calo treatment system has operated for four years as of April 2002. The treatment system sampling frequency was changed from monthly to annually in May 2001, with EPA and IDEM approval, as it has been demonstrated that pollutant concentrations have been kept below the proposed limits during the initial four plus years of operation. CRA communicated the change in treatment plant sampling frequency in the July 2001 Annual Progress Report Number 3.

The next treatment system sampling is scheduled for April 2003.

1.3 Facility Inspections

Weekly inspections were conducted throughout this period. In addition to the weekly inspections, monthly inspections, which involve a more detailed checklist, were conducted during this last reporting period. In addition to the weekly and monthly inspections, semi-annual inspections were conducted on November 27, 2001 and June 10, 2002.

Other than the routine items discussed in item Section 1.4, there were no significant problems noted during the weekly, monthly, and semi-annual inspections. 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 routine and non-routine maintenance activities conducted this year are presented in Attachment I.

2.0 GROUNDWATER MONITORING AND SAMPLING

2.1 Hydraulic Monitoring

2.1.1 Hydraulic Sampling Events

LFR and CRA conducted a total four rounds of groundwater level measurements on August 23, 2001, November 6, 2001, February 28, 2002 and May 6, 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 III. Monthly pumping rates at each extraction well are included in Table 1. The pumping rates observed during each hydraulic monitoring event are shown on the Figures in Attachment III.

2.1.2 Evaluation of Hydraulic Monitoring Data

The results of the four rounds of hydraulic monitoring conducted during the past year are summarized in Tables 5 through 8. 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. A copy of the drawings for each of the monitoring rounds is presented in Attachment III.

Review of the hydraulic monitoring data presented in Tables 5 through 8, and the figures included in Attachment III show that hydraulic containment was achieved at all four plumes throughout this year. Target pumping rates were closely maintained.

During the transition period, CRA re-established two staff gauges. Staff gauge location SW-2B at the One Line Road South Well Field Control Building (WFCB) service road bridge over Travis Ditch was destroyed as a result of bridge replacement. CRA installed a new staff gauge (SW-2B) to replace it. At SW1, located on the Hupp Road Bridge over Travis Ditch, the reference elevation was initially established on the guard rail. The guard rail was recently replaced and CRA established a new reference elevation before the February 2002 hydraulic monitoring event.

2.2 Groundwater Sampling and Analysis

2.2.1 Groundwater Sampling Events

Two rounds of groundwater sampling activities were conducted this year, between November 7, 2001 and November 13, 2001 and between May 8, 2002 and May 13, 2002. In total, 33 monitoring wells and 14 operating extraction wells were sampled in accordance with the OM&M Plan and attached 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 for this year are provided in Tables 10 through 13.

2.2.2 Data Review and Validation

Upon receipt of the analytical reports, both LFR and CRA conducted a detailed review and validation of the analytical data in accordance with the OM&M QAPP. CRA included the data validation memo for the November 2001 sampling event in the January 2002 Semi-Annual Report. LFR presents the results of the review and data validation for the May 2002 monitoring event in Attachment IV. Based on the data validation results, LFR and CRA determined the quality of the groundwater data for this period of sampling is acceptable.

2.2.3 Summary of Annual Data

The analytical data for each of the four plume areas are summarized separately in Tables 10 through 13. 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 GCP, CRA conducted statistical analysis of the November 2001 sampling data and presented the results in the January 2002 semi-annual report. No action was triggered under the GCP.

LFR conducted statistical analysis using the May 2002 groundwater analytical data. Based on the statistical analysis, no action was triggered under the groundwater contingency plan during this period. Attachment V presents the detailed statistical analysis for the May 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 January 2002 through to June 2002 are presented in Attachment VI.

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.
Senior Associate

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

Attachments-6

cc: R. Ramsey
R. Olian
R. Paulen
B. White
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DALE N. ELLINGSON
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TABLES

TABLE 1

COMBINED INFLUENT SAMPLE DATA
FISHER CALO SITE
KINGSBURY, INDIANA

Date Collected:	06/15/98	04/21/99	04/18/00	04/10/01	04/12/02
Year:	*0*	*1*	2	3	4
Volatile Organic Compounds (µg/L)					
Vinyl chloride	12J	9	12	10	8
Chloroethane	7	3	4	3	3
1,1-Dichloroethene	3	4	3	1	1
Acetone	ND(2)	ND(2)	ND(2)	ND(2)	ND (5)
Methylene chloride	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND (1)
trans-1,2-Dichloroethene	6	4	4	4	3
1,1-Dichloroethane	130	120	100	72	68
cis-1,2-Dichloroethene	140	110	84	74	72
2-Butanone	ND(2)	ND(2)	ND(2)	ND(2)	ND (5)
Chloroform	ND(0.5)	ND(0.5)	2	1	0.94 J
1,2-Dichloroethane	3	3 J	2	1	ND (1)
Trichloroethene	37	33	38	32	28
4-Methyl-2-pentanone	ND(2)	ND(2)	ND(2)	ND(2)	ND (5)
Toluene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND (1)
Tetrachloroethene	2	1	4	3	3
2-Hexanone	ND(2)	ND(2)	ND(2)	ND(2)	ND (5)
Ethylbenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND (1)
Xylenes (total)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND (1)
1,1,1-Trichloroethane	60	37	49	36	32
Semivolatile Organic Compounds (µg/L)					
bis(2-Ethylhexyl)phthalate	NA	ND(5)	ND(5)	NA	NA
Metals (µg/L)					
Calcium	57,300	58,300	68,400	62,800	63000
Iron	470	353	385	460	400
Manganese	68	77.6	96.8	80.3	90
General Chemistry Parameters (mg/L)					
Alkalinity	201	198	200	201	210
Ammonia-Nitrogen	1.3	0.69	0.45J	0.48	0
Total Suspended Solids	ND(4)	ND(5)	ND(5)	ND(5)	ND(5)

ND( ) - Not detected at the quantitation limit listed in parentheses.
NA - Not Analyzed
J - The associated result is an estimated quantity.

TABLE 2

EFFLUENT SAMPLE DATA
FISHER-CALO SITE
KINGSBURY, INDIANA

Date Collected:		06/15/98	04/21/99	04/18/00	04/10/01	04/12/02
Year:	*Discharge*	0	1	2	3	4
Volatile Organic Compounds (µg/L)	***Standard***					
Vinyl chloride	*2*	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND (1)
Chloroethane	*870*	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND (1)
1,1-Dichloroethene	*7*	ND(0.5)	0.5	ND(0.5)	ND(0.5)	ND (1)
Acetone	*28,327*	ND(2)	ND(2)	ND(2)	3	ND (5)
Methylene chloride	*5*	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND (1)
trans-1,2-Dichloroethene	*100*	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND (1)
1,1-Dichloroethane	*1,516*	ND(0.5)	ND(0.5)	2	2	1
cis-1,2-Dichloroethene	*70*	0.8	0.7	3	4	3
2-Butanone	*7,160*	ND(2)	ND(2)	ND(2)	ND(2)	ND (5)
Chloroform	*100*	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
1,2-Dichloroethane	*5*	ND(0.5)	ND(0.5)	0.5	ND(0.5)	ND(0.5)
Trichloroethene	*5*	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
4-Methyl-2-pentanone	*1,160*	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)
Toluene	*860*	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND (1)
Tetrachloroethene	*5*	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
2-Hexanone	*980*	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)
Ethylbenzene	*700*	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
Xylenes (total)	*1,994*	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
1,1,1-Trichloroethane	*200*	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
Semivolative Organic Compounds (µg/L)						
Phenol	*1,977*	ND(5) UJ	ND(5) UJ	ND(5)	ND(5) UJ	ND(4.8)
2-Methylphenol	*1,241*	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)
4-Methylphenol	*1,167*	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)
Isophorone	*5,028*	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)
bis(2-Ethylhexyl)phthalate	*6*	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)
General Chemistry (mg/L)						
Ammonia-Nitrogen	*5/7*	1.2	0.66	0.46J	0.39	0.32

Notes:

ND ( ) -	Not detected at the quantitation limit listed in parentheses.
NA -	Not Analyzed.
J -	The associated result is an estimated quantity.
UJ -	Estimated quantitation limit.

TABLE 3

CALCULATIONS OF VOCs DISCHARGED TO AIR
FISHER-CALO SITE
KINGSBURY, INDIANA

Year	Date	Total VOC [1] Influent Concentration (µg/L)	Total VOC [2] Effluent Concentration (µg/L)	Total VOCs Removed (µg/L)	Average Daily Flow [3]		Total Daily flow (litres)	VOCs Removed per day [4]	
					gpm	lpm		kg	lb.
0	6/15/1998	399.2	2.0	397.2	593.2	2245.3	3233177.3	1.28	2.83
1	4/21/1999	324.0	1.2	322.8	578.0	2187.7	3150331.2	1.02	2.24
2	4/18/2000	302.0	5.5	280.6	770.4	2916.0	4198988.2	1.18	2.60
3	4/10/2001	237.0	9.0	228.0	792.0	2997.6	4316498.8	0.98	2.17
4	4/12/2002	244.0	4.1	239.9	824.0	3118.8	4491129.6	1.08	2.38

Notes:

[1] Total VOCs for Influent Concentrations obtained from Table 1 by adding all detected VOCs.

[2] Total VOCs for Effluent Concentrations obtained from Table 2 by adding all detected VOCs.

[3] Average daily flow obtained from archived data for day of treatment plant sampling.

[4] Assumes 100% of removed VOCs are discharged to the atmosphere from the treatment plant.

µg/L micrograms/liter
gpm gallons per minute
kg kilograms
lbs pounds

TABLE 4

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

Well ID	Target Pumping Rates (gpm)	Pumping Rates July 2, 01 (gpm)	Pumping Rates August 1, 02 (gpm)	Pumping Rates September 1, 02 (gpm)	Pumping Rates October 1, 02 (gpm)	Pumping Rates November 1, 02 (gpm)	Pumping Rates December 1, 02 (gpm)	Pumping Rates January 2, 02 (gpm)	Pumping Rates February 2, 02 (gpm)	Pumping Rates March 2, 02 (gpm)	Pumping Rates April 2, 02 (gpm)	Pumping Rates May 6, 02 (gpm)	Pumping Rate June 4, 02 (gpm)
EW1N-01	70.0	70.1	70.3	72.2	70.3	68.9	69.8	53.5	70.4	70.3	70.1	71.1	75.1
EW1N-02	70.0	70.3	70.5	70.4	70.2	69.5	69.9	70.1	69.8	70.0	69.3	72.4	70.3
EW1N-03	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
EW1N-04	75.0	75.1	75.4	75.1	70.1	78.1	74.7	73.1	73.2	74.8	74.1	74.7	74.3
	215.0	215.5	216.2	217.7	210.6	216.5	214.4	196.7	213.4	215.1	213.5	218.2	219.7
EW1S-01	80.0	79.9	77.5	78.1	80.2	78.3	77.0	78.6	79.1	79.2	80.1	79.3	79.2
EW1S-02	80.0	79.5	77.4	77.6	81.2	80.4	80.1	79.0	78.6	79.8	79.9	77.6	79.3
EW1S-03	80.0	80.7	79.5	79.9	80.2	79.3	79.2	80.9	80.4	80.5	79.9	76.6	76.3
EW1S-04	70.0	69.7	69.7	71.6	73.5	70.0	72.7	69.4	70.0	70.5	70.3	68.9	69.5
	310.0	309.8	304.1	307.2	315.1	308.0	309.0	307.9	308.1	310.0	310.2	302.4	304.3
EW2N-01	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
EW2N-02	57.5	56.9	56.9	56.6	56.5	55.0	59.5	59.5	55.4	56.1	58.1	54.2	52.5
EW2N-03	57.5	57.3	56.7	56.9	56.6	52.9	57.9	57.9	54.7	55.3	57.3	53.1	51.3
EW2N-04*	75.0	74.1	73.1	73.4	73.9	71.0	72.0	72.0	74.2	73.5	73.8	73.5	75.3
	190.0	188.3	186.7	186.9	187.0	178.9	189.4	189.4	184.3	184.9	189.2	180.8	179.1
EWSL-01	35.0	34.9	33.9	32.6	33.3	31.4	34.5	35.2	34.6	33.8	36.3	34.8	36.4
EWSL-02	32.5	30.2	28.6	28.4	29.3	26.9	32.1	32.6	30.7	32.4	32.9	32.0	34.5
EWSL-03	25.0	25.1	25.1	24.9	24.9	24.5	25.8	25.3	23.8	23.7	24.7	24.8	25.2
EWSL-04	25.0	23.7	24.6	24.8	25.0	24.9	29.1	24.1	23.8	23.7	24.5	24.6	24.4
	117.5	113.9	112.2	110.7	112.5	107.7	121.5	117.2	112.9	113.6	118.4	116.2	120.5
	832.5	821.8	822.3	830.4	818.1	812.1	833.2	811.4	820.6	823.8	831.3	817.6	823.6

TABLE 5

SUMMARY OF HYDRAULIC MONITORING
ONE LINE ROAD NORTH
GROUNDWATER PLUME REMEDIATION
FISHER-CALO SITE

Well ID	Reference Elevation	May 15, 2001		November 6, 2001		February 28, 2002		May 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-3B	715.91	9.88	706.03	9.90	706.01	10.08	705.83	9.45	706.46	705.71	707.46
CRA-14	740.34	26.23	714.11	26.32	714.02	26.38	713.96	25.04	715.30	713.09	717.3
CRA-26	727.85	19.16	708.69	19.12	708.73	19.22	708.63	18.34	709.51	707.95	711.17
CRA-27A	725.30	17.94	707.36	17.90	707.40	17.89	707.41	17.17	708.13	706.83	709.19
CRA-27B	725.48	18.09	707.39	18.05	707.43	18.04	707.44	17.32	708.16	706.85	709.21
CRA-28	728.48	19.08	709.40	19.04	709.44	19.08	709.4	18.29	710.19	708.72	711.53
CRA-29A	733.41	22.70	710.71	22.66	710.75	22.79	710.62	21.86	711.55	709.87	713.33
CRA-29B	732.89	22.17	710.72	22.14	710.75	22.23	710.66	21.32	711.57	709.89	713.42
CRA-30A	729.43	19.45	709.98	19.43	710.00	19.53	709.9	18.61	710.82	709.13	712.72
CRA-30B	729.25	19.24	710.01	19.23	710.02	19.33	709.92	18.38	710.87	709.17	712.75
CRA-31A	712.66	7.61	705.05	7.62	705.04	7.61	705.05	7.11	705.55	704.77	705.52
CRA-31B	712.77	7.66	705.11	7.68	705.09	7.14	705.63	7.14	705.63	704.82	705.57
CRA-32	712.25	7.52	704.73	7.47	704.78	7.45	704.8	7.08	705.17	704.47	705.14
CRA-41	718.19	11.04	707.15	11 01	707.18	9.81	706.1	9.45	706.46	706.63	708.93
CRA-42	716.50	10.76	705.74	10.69	705.81	10.95	707.24	10.30	707.89	705.35	707.03
CRA-43	723.81	16.83	706.98	16.71	707.10	10.65	705.85	10.07	706.43	706.48	708.65
CRA-58	714.20	9.07	705.13	9.06	705.14	16.78	707.03	16.08	707.73	704.87	705.68
CRA-59	712.49	7.11	705.38	7.02	705.47	9.04	705.16	8.57	705.63	705.08	705.85
CRA-60	713.70	8.19	705.51	8.20	705.50	7.06	705.43	6.57	705.92	705.23	706.09
CRA-63	725.02	15.24	709.78	15.22	709.80	8.12	705.58	7.72	705.98	709.13	710.59
CRA-64	717.03	10.23	706.80	10.14	706.89	15.2	709.82	14.50	710.52	706.41	707.47
MW-34	725.33	16.44	708.89	16.41	708.92	10.17	706.86	9.79	707.24	708.2	711.2
MW-36	725.09	16.25	708.84	16.22	708.87	16.45	708.88	15.62	709.71	708.15	711.15
MW-44	735.40	22.94	712.46	22.95	712.45	16.27	708.82	15.42	709.67	711.45	715.77
MW-47	733.67	22.75	710.92	22.79	710.88	23.11	712.29	22.04	713.36	709.93	714.26
P-09A	713.06	7.78	705.28	7.75	705.31	22.92	710.75	21.88	711.79	704.98	705.69
P-09B	713.22	7.99	705.23	7.98	705.24	7.75	705.31	7.25	705.81	704.93	705.65
P-10A	719.54	14.05	705.49	13.98	705.56	7.94	705.28	7.45	705.77	705.16	706.02
P-10B	719.60	14.57	705.03	14.10	705.50	13.99	705.55	13.46	706.08	705.03	705.97
PZ1N-01	715.27	10.63	704.64	10.58	704.69	14.08	705.52	13.57	706.03	704.34	706.33
PZ1N-02	715.13	10.71	704.42	10.65	704.48	10.5	704.77	9.98	705.29	704.2	706.18
PZ1N-03	716.81	11.23	705.58	11.18	705.63	10.58	704.55	10.02	705.11	705.23	706.67
PZ1N-04A	715.05	9.95	705.10	9.91	705.14	11.14	705.67	10.57	706.24	704.82	706.17
PZ1N-04B	715.05	9.96	705.09	9.91	705.14	9.84	705.21	9.33	705.72	704.82	706.19
PZ1N-05	713.44	8.37	705.07	8.36	705.08	9.85	705.2	9.35	705.70	704.79	705.79
PZ1N-06A	716.98	11.69	705.29	11.63	705.35	8.31	705.13	7.82	705.62	704.98	706.4
PZ1N-06B	716.93	11.65	705.28	11.60	705.33	11.59	705.39	11.05	705.93	704.97	706.38
PZ1N-07	716.71	10.66	706.05	10.17	706.54	11.54	705.39	11.01	705.92	705.63	707.31
PZ1N-08	718.61	13.01	705.60	12.96	705.65	10.59	706.12	9.97	706.74	705.19	706.85
PZ1N-09	717.67	11.66	706.01	11.60	706.07	12.85	705.76	10.38	708.23	705.61	706.8
PZ1N-10	715.89	9.95	705.94	9.91	705.98	11.52	706.15	11.07	706.60	705.58	706.33
PZ1N-11	716.67	10.86	705.81	10.85	705.82	9.82	706.07	9.42	706.47	705.45	706.26
PZ1N-12	717.12	10.92	706.20	10.86	706.26	10.75	705.92	10.27	706.40	705.77	706.78
EW1N-1	715.14	12.48	702.66	12.69	702.45	10.79	706.33	10.26	706.86	702.66	706.26
EW1N-2	715.14	12.87	702.27	13.10	702.04	12.05	703.09	12.05	703.09	702.27	705.7
EW1N-3	715.95	10.32	705.63	10.26	705.69	12.06	703.08	12.06	703.08	705.28	706.27
EW1N-4	718.71	19.24	699.47	19.42	699.29	10.36	705.59	10.36	705.59	699.27	706.86
SW-1	720.39/720.62[4]	11.07	709.32	NM[4]	NM[4]	18.72	699.99	18.72	699.99	708.94	709.8
SW-4	704.35	-1.19	705.54	-1.32	705.67	1.18	705.53	1.82	705.87	705.28	706.06
SW-5	703.65	-1.44	705.09	-1.44	705.09	1.36	705.01	1.52	705.51	704.83	705.69
SW-6	702.35	-1.26	703.61	-1.32	703.67	1.24	703.59	1.86	703.85	703.21	703.85
SW-10	704.63	-1.54	706.17	-1.60	706.23	1.5	706.13	1.50	706.45	705.81	706.61

Notes:

[1] Current Reference Elevation.

[2] ft BTOC - feet below reference

[3] ft AMSL - feet above mean sea level.

[4] SW-1 was reestablished in January 2002

TABLE 6

SUMMARY OF HYDRAULIC MONITORING
ONE LINE ROAD SOUTH
GROUNDWATER PLUME REMEDIATION
FISHER-CALO SITE

Well ID	Reference Elevation	May 15, 2001		November 6, 2001		February 2, 2002		May 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-20A	712.78	9.41	703.37	9.30	703.48	9.39	703.39	8.79	703.99	702.85	705.37
CRA-20B	713.02	9.65	703.37	9.61	703.41	9.64	703.38	9.03	703.99	702.85	705.34
CRA-21A	732.34	25.29	707.05	25.25	707.09	25.36	706.98	24.45	707.89	706.37	710.05
CRA-21B	731.78	24.71	707.07	24.67	707.11	24.78	707.00	23.87	707.91	706.40	710.27
CRA-22A	729.74	23.57	706.17	23.55	706.19	23.64	706.10	22.69	707.05	705.45	709.32
CRA-22B	729.57	23.41	706.16	23.40	706.17	23.47	706.10	22.52	707.05	705.44	709.30
CRA-23	710.23	7.01	703.22	6.92	703.31	7.00	703.23	6.75	703.48	702.93	703.80
CRA-24A	708.87	7.03	701.84	6.91	701.96	7.10	701.77	6.75	702.12	701.48	702.79
CRA-24B	708.22	6.39	701.83	6.39	701.83	6.46	701.76	6.11	702.11	701.47	702.78
CRA-25	711.79	9.83	701.96	9.65	702.14	9.81	701.98	9.21	702.58	701.40	703.71
CRA-32	712.25	7.52	704.73	7.47	704.78	7.45	704.80	7.08	705.17	704.47	705.14
CRA-34A	711.52	9.24	702.28	9.17	702.35	9.29	702.23	8.98	702.54	701.90	702.89
CRA-34B	711.25	9.02	702.23	8.92	702.33	9.07	702.18	8.76	702.49	701 85	702.84
CRA-44A	729.15	24.98	704.17	24.92	704.23	24.98	704.17	24.07	705.08	703 42	706.97
CRA-44B	728.17	24.03	704.14	23.98	704.19	24.04	704.13	23.12	705.05	703 39	706.93
CRA-49A	727.91	22.23	705.68	22.22	705.69	22.28	705.63	21.28	706.63	704.92	708.93
CRA-49B	728.09	22.35	705.74	22.35	705.74	22.43	705.66	21.40	706.69	704.98	708.99
MW-9	726.43	17.67	708.76	17.79	708.64	17.81	708.62	16.72	709.71	708.03	712.80
MW-10	731.90	26.73	705.17	26.69	705.21	26.77	705.13	25.97	705.93	704.54	707.68
MW-12	731.27	26.24	705.03	26.25	705.02	26.33	704.94	25.53	705.74	704.35	707.53
MW-17	731.43	23.38	708.05	23.47	707.96	23.48	707.95	22.37	709.06	707.25	712.00
MW-20	725.22	18.38	706.84	18.45	706.77	18.43	706.79	17.32	707.90	706.00	710.69
MW-22	729.88	25.61	704.27	25.60	704.28	25.67	704.21	24.83	705.05	703.53	706.88
MW-23	730.17	25.95	704.22	25.90	704.27	25.96	704.21	25.11	705.06	703.53	706.90
MW-26	732.81	27.25	705.56	27.16	705.65	27.30	705.51	26.53	706.28	704.94	707.99
MW-27	731.10	26.48	704.62	26.45	704.65	26.51	704.59	25.70	705.40	703.98	707.19
MW-28	726.70	23.02	703.68	22.82	703.88	22.96	703.74	21.95	704.75	702.83	706.67
MW-39	730.08	23.31	706.77	23.28	706.80	23.35	706.73	22.54	707.54	706.15	709.35
MW-47	733.67	22.75	710.92	22.79	710.88	22.92	710.75	21.88	711.79	710.15	714.26
P-08A	715.48	12.51	702.97	12.44	703.04	12.37	703.11	12.08	703.40	702.51	703.91
P-08B	715.45	12.48	702.97	12.41	703.04	12.34	703.11	12.05	703.40	702.52	703.92
PZ2N-05	733.03	24.17	708.86	24.27	708.76	11.04	701.63	10.77	701.90	708.12	712.64
PZ1S-01	712.67	11.11	701.56	11.00	701.67	12.35	700.99	11.91	701.43	701.25	703.81
PZ1S-02	713.34	12.40	700.94	12.30	701.04	12.51	700.81	12.02	701.30	700.59	703.88
PZ1S-03	713.32	12.44	700.88	12.40	700.92	12.13	700.65	11.61	701.17	700.37	703.55
PZ1S-04	712.78	12.12	700.66	11.98	700.80	10.88	701.58	10.31	702.15	700.21	703.61
PZ1S-05	712.46	10.87	701.59	10.75	701.71	10.97	701.34	10.49	701.82	701.07	703.76
PZ1S-06	712.31	10.95	701.36	10.82	701.49	11.53	701.45	11.11	701.87	700.89	703.29
PZ1S-07	712.98	11.46	701.52	11.32	701.66	11.58	701.43	11.07	701.94	701.11	702.70
PZ1S-08	713.01	11.55	701.46	11.45	701.56	8.87	701.46	8.43	701.90	700.98	703.54
PZ1S-09	710.33	8.81	701.52	8.72	701.61	11.58	701.37	11.10	701.85	701.08	703.09
PZ1S-10	712.95	11.54	701.41	11.45	701.50	11.40	701.72	10.97	702.15	700.93	703.54
PZ1S-11	713.12	11.41	701.71	11.31	701.81	11.43	701.65	11.02	702.06	701.29	703.80
PZ1S-12	713.08	11.43	701.65	11.32	701.76	7.05	702.06	6.76	702.35	701.28	703.71
PZ1S-13	709.11	7.08	702.03	7.00	702.11	9.44	703.01	9.10	703.35	701.70	703.61
PZ1S-14	712.45	9.50	702.95	9.46	702.99	9.44	703.01	9.10	703.35	702.57	704.27
EW1S-1	712.26	12.77	699.49	13.15	699.11	12.11	700.15	12.15	700.11	699.49	703.86
EW1S-2	712.37	13.68	698.69	14.95	697.42	13.09	699.28	13.25	699.12	698.69	703.17
EW1S-3	712.85	14.00	698.85	14.00	698.85	13.98	698.87	14.18	698.67	696.50	702.83
EW1S-4	711.87	12.64	699.23	12.56	699.31	12.58	699.29	12.71	699.16	698.82	702.55
SW-2B	707.27/700.60[4]	5.52	701.75	7.74	701.89	1.24	701.84	1.56	702.16	701.57	702.67
SW-6	702.35	-1.26	703.61	-1.32	703.67	1.24	703.59	1.50	703.85	703.21	703.85
SW-7	700.46	-1.17	701.63	-1.30	701.76	1.05	701.51	1.42	701.88	701.34	702.30
SW-8	699.81	-1.60	701.41	-1.62	701.43	1.50	701.31	1.82	701.63	701.09	701.81
ent Reference El	698.87	-1.36	700.23	-1.40	700.27	1.30	700.17	1.62	700.49	699.81	700.53

Notes:

[1] Current Reference Elevation.

[2] ft BTOC - feet below reference

[3] ft AMSL - feet above mean sea level.

[4] SW-2B was reestablished in January 2002

TABLE 7

SUMMARY OF HYDRAULIC MONITORING
TWO LINE ROAD NORTH
GROUNDWATER PLUME REMEDIATION
FISHER-CALO SITE

Well ID	*Reference Elevation*	*May 15, 2001*		*November 6, 2001*		*February 28, 2002*		*May 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-14	740.34	26.23	714.11	26.32	714.02	26.34	714.00	25.04	715.30	713.25	717.3
CRA-16A	735.71	24.28	711.43	24.50	711.21	24.49	711.22	23.26	712.45	710.41	715.84
CRA-16B	736.00	24.57	711.43	24.74	711.26	24.8	711.20	23.56	712.44	710.42	715.84
CRA-17A	731.19	20.43	710.76	20.68	710.51	20.68	710.51	19.49	711.70	709.81	715.04
CRA-17B	731.03	20.31	710.72	20.47	710.56	20.52	710.51	19.32	711.71	709.81	715.05
CRA-18	734.84	24.23	710.61	24.45	710.39	24.42	710.42	23.2	711.64	709.64	715.06
CRA-19	736.31	24.30	712.01	24.54	711.77	24.52	711.79	23.22	713.09	710.92	716.47
CRA-33	735.94	23.60	712.34	23.76	712.18	23.63	712.31	22.64	713.30	711.38	716.61
CRA-33B	735.78	23.39	712.39	23.58	712.20	23.83	711.95	22.45	713.33	711.41	716.64
CRA-45	733.99	23.40	710.59	23.66	710.33	23.58	710.41	22.31	711.68	709.56	715.09
CRA-46	732.79	20.42	712.37	20.52	712.27	20.63	712.16	19.46	713.33	711.46	716.55
CRA-47	731.74	21.15	710.59	21.27	710.47	21.33	710.41	20.22	711.52	709.75	714.69
CRA-48	732.44	23.29	709.15	23.50	708.94	23.45	708.99	22.28	710.16	708.33	713.54
MW-24	732.35	23.29	709.06	21.63	715.44	23.45	708.90	22.32	710.03	708.3	713.11
MW-25	729.81	21.25	708.56	23.08	713.12	21.4	708.41	20.27	709.54	707.79	712.6
MW-3	737.07	21.39	715.68	23.73	713.11	21.61	715.46	21.88	716.69	714.56	720.31
MW-4	736.20	22.84	713.36	18.04	708.65	21.61	715.46	20.38	716.49	712.25	717.77
MW-6	736.84	23.51	713.33	17.79	708.64	23.07	713.13	21.87	714.33	712.23	717.75
MW-7	726.69	17.91	708.78	23.40	708.95	23.75	713.09	22.53	714.31	708.05	712.84
MW-9	726.43	17.67	708.76	21.39	708.42	17.81	708.62	16.95	709.74	708.03	712.8
MW-48	727.97	17.05	710.92	17.23	710.74	17.3	710.67	16.15	709.71	709.97	715.06
MW-50	727.53	16.74	710.79	16.98	710.55	17.03	710.50	15.87	711.66	709.82	714.9
MW-61	730.18	20.27	709.91	20.55	709.63	20.31	709.87	18.64	711.54	708.85	714.59
PZ2N-01	732.54	23.18	709.36	23.28	709.26	23.34	709.20	22.24	710.30	708.6	713.32
PZ2N-02	726.27	17.82	708.45	17.92	708.35	17.98	708.29	16.84	709.43	707.74	713.13
PZ2N-03	723.43	15.09	708.34	15.16	708.27	15.23	708.20	14.07	709.36	707.63	713.22
PZ2N-04	727.28	19.26	708.02	19.46	707.82	19.5	707.78	18.32	708.96	707.33	713.54
PZ2N-05	733.03	24.17	708.86	24.27	708.76	24.31	708.72	23.26	709.77	708.12	712.64
PZ2N-06	726.37	17.67	708.70	17.82	708.55	17.85	708.52	16.68	709.69	708	713.47
PZ2N-07A	724.26	15.32	708.94	15.42	708.84	15.48	708.78	14.32	709.94	708.24	713.38
PZ2N-07B	724.31	15.41	708.90	15.51	708.80	15.57	708.74	14.41	709.90	708.21	713.38
PZ2N-08	723.46	15.10	708.36	15.14	708.32	15.23	708.23	14.06	709.40	707.62	713.22
PZ2N-09	726.38	17.65	708.73	17.75	708.63	17.79	708.59	16.68	709.70	708	713.14
PZ2N-10	736.59	24.80	711.79	25.07	711.52	24.98	711.61	23.55	713.04	710.66	716.32
PZ2N-11	736.58	23.45	713.13	23.71	712.87	23.65	712.93	22.39	714.19	712	717.67
PZ2N-12A	727.16	18.25	708.91	18.37	708.79	18.41	708.75	17.29	709.87	708.17	713.08
PZ2N-12B	727.16	18.26	708.90	18.34	708.82	18.4	708.76	17.29	709.87	708.18	713.09
PZ2N-13A	730.56	21.33	709.23	21.44	709.12	21.5	709.06	20.38	710.18	708.49	713.32
PZ2N-13B	730.56	21.32	709.24	21.48	709.08	21.49	709.07	20.38	710.18	708.49	713.34
PZ2N-14	735.60	19.85	715.75	20.96	714.64	21.03	714.57	19.86	715.74	713.82	718.89
PZ2N-15A	731.36	21.83	709.53	21.99	709.37	22.01	709.35	20.83	710.53	708.73	713.97
PZ2N-15B	731.25	21.72	709.53	21.91	709.34	21.9	709.35	20.73	710.52	708.72	713.96
EW2N-1	731.08	21.72	709.36	21.83	709.25	21.78	709.30	22.25	708.83	708.61	712.23
EW2N-2	726.04	18.61	707.43	18.69	707.35	18.58	707.46	19.07	706.97	706.79	711.7
EW2N-3	722.34	16.35	705.99	16.32	706.02	16.28	706.06	16.74	705.60	705.4	711.79
EW2N-4	727.12	21.05	706.07	21.46	705.66	20.05	707.07	21.27	705.85	705.5	712.07

Notes:

[1] Current Reference Elevation.

[2] ft BTOC - feet below reference

[3] ft AMSL - feet above mean sea level.

TABLE 8

SUMMARY OF HYDRAULIC MONITORING
SPACE LEASING
GROUNDWATER PLUME REMEDIATION
FISHER-CALO SITE

Well ID	Reference Elevation (ft AMSL) [1]	May 15, 2001		November 6, 2001		February 28, 2002		May 13, 2002		Historical Minimum	Historical Maximum
		(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	13.94	718.08	14.39	717.63	14.15	717.87	12.48	719.54	716.96	723.05
CRA-35B	732.16	14.05	718.11	14.48	717.68	14.22	717.94	12.57	719.59	717.01	723.09
CRA-36A	736.99	18.76	718.23	19.21	717.78	18.95	718.04	17.37	719.62	717.14	723.22
CRA-36B	737.71	19.50	718.21	19.92	717.79	19.68	718.03	18.09	719.62	717.13	723.24
CRA-38	730.75	12.57	718.18	13.03	717.72	12.72	718.03	11.08	719.67	717.06	723.15
CRA-39	729.31	11.66	717.65	12.11	717.20	11.83	717.48	10.14	719.17	716.57	722.67
CRA-39B	729.54	11.92	717.62	12.34	717.20	12.14	717.4	10.42	719.12	716.55	722.65
CRA-40	737.96	19.76	718.20	20.22	717.74	19.96	718	18.42	719.54	717.12	723.19
CRA-50	729.40	12.53	716.87	13.02	716.38	12.68	716.72	10.81	718.59	715.78	721.87
CRA-51	728.02	11.91	716.11	NM[4]	NM[4]	12.05	715.97	10.11	717.91	715.04	721.15
CRA-52	729.73	13.98	715.75	14.42	715.31	14.11	715.62	12.24	717.49	714.69	721.15
CRA-53	729.26	12.61	716.65	13.08	716.18	12.76	716.5	11.09	718.17	715.68	721.82
CRA-54	729.87	14.71	715.16	15.24	714.63	14.85	715.02	12.84	717.03	714.15	720.08
CRA-55	729.29	13.89	715.40	14.38	714.91	14.03	715.26	12.12	717.17	714.41	720.41
CRA-56	728.84	13.15	715.69	13.74	715.10	13.31	715.53	11.18	717.66	714.55	720.46
CRA-57	724.46	10.10	714.36	10.67	713.79	10.24	714.22	8.04	716.42	713.33	718.94
CRA-61	722.62	7.48	715.14	8.01	714.61	7.62	715	5.44	717.18	714.07	718.73
MW-67	738.31	19.70	718.61	20.14	718.17	20.2	718.11	18.37	719.94	717.53	723.56
MW-69	729.62	11.19	718.43	11.88	717.74	11.39	718.23	9.72	719.9	717.29	723.35
MW-70	734.31	16.36	717.95	16.79	717.52	16.55	717.76	14.95	719.36	716.88	722.97
PZSL-01	725.77	10.10	715.67	10.49	715.28	10.2	715.57	8.26	717.51	714.65	720.67
PZSL-02	729.42	13.81	715.61	14.19	715.23	13.93	715.49	12.05	717.37	714.5	721.07
PZSL-03	724.39	10.08	714.31	10.59	713.80	10.2	714.19	8.03	716.36	713.28	718.91
PZSL-04	728.23	13.96	714.27	14.52	713.71	14.11	714.12	11.98	716.25	713.25	719.17
PZSL-05A	723.81	9.19	714.62	NM[4]	NM[4]	9.3	714.51	7.12	716.69	713.58	719.19
PZSL-05B	723.81	9.18	714.63	NM[4]	NM[4]	9.28	714.53	7.09	716.72	713.59	719.19
PZSL-06	729.90	15.47	714.43	15.99	713.91	15.63	714.27	13.59	716.31	713.42	719.15
PZSL-07	733.54	17.48	716.06	17.93	715.61	17.6	715.94	15.92	717.62	715.14	721.25
PZSL-08A	727.01	11.22	715.79	11.65	715.36	11.35	715.66	9.42	717.59	714.76	720.94
PZSL-08B	727.05	11.27	715.78	11.69	715.36	11.44	715.61	9.46	717.59	714.77	720.93
EWSL-1	725.11	10.23	714.88	10.48	714.63	10.46	714.65	10.23	714.88	713.91	718.44
EWSL-2	728.28	13.45	714.83	13.76	714.52	14.30	713.98	13.45	714.83	713.34	718.89
EWSL-3	723.82	10.03	713.79	10.51	713.31	10.35	713.47	10.03	713.79	712.78	716.53
EWSL-4	727.87	14.07	713.80	14.68	713.19	14.25	713.62	14.07	713.80	712.84	716.54

Notes:

[1] Current Reference Elevation.

[2] ft BTOC - feet below

[3] ft AMSL - feet above mean sea level.

[4] NM-Not Measured

TABLE 9

SUMMARY OF TARGET FLOW RATE ADJUSTMENTS
FISHER-CALO SITE
KINGSBURY, INDIANA

	Target Flow Rates (gpm)						Current Target[3]
Well Id.	*@ Start-up*	*April 8, 1998*	*May 18, 1998*	*November 16, 1998*	*January 22, 2000*	*September, 2000*	*November, 2000*
EW1N-01	46.7	60.0	70.0	70.0	70.0	70.0	70.0
EW1N-02	46.7	60.0	70.0	70.0	70.0	70.0	70.0
EW1N-03	46.7	40.0	Off	Off	Off	Off	Off
EW1N-04 [1]	N/A	N/A	N/A	N/A	75.0	75.0	75.0
WFCB#1 FLOW	140.0	140.0	140.0	140.0	215.0	215.0	215.0
EW1S-01	60.0	65.0	80.0	80.0	80.0	80.0	80.0
EW1S-02	60.0	65.0	80.0	80.0	80.0	80.0	80.0
EW1S-03	60.0	70.0	80.0	80.0	80.0	80.0	80.0
EW1S-04	60.0	60.0	70.0	70.0	70.0	70.0	70.0
WFCB#2 FLOW	240.0	260.0	310.0	310.0	310.0	310.0	310.0
EW2N-01	52.5	Off	Off	Off	Off	Off	Off
EW2N-02	52.5	52.5	52.5	57.5	57.5	57.5	57.5
EW2N-03	52.5	52.5	52.5	57.5	57.5	57.5	57.5
EW2N-04 [2]	52.5	45.0	45.0	57.5	57.5	62.5	75.0
WFCB#3 FLOW	210.0	150.0	150.0	172.5	172.5	177.5	190.0
EWSL-01	27.5	35.0	35.0	35.0	35.0	35.0	35.0
EWSL-02	27.5	32.5	32.5	32.5	32.5	32.5	32.5
EWSL-03	20.0	18.0	18.0	25.0	25.0	25.0	25.0
EWSL-04	20.0	18.0	18.0	25.0	25.0	25.0	25.0
WFCB#4 FLOW	95.0	103.5	103.5	117.5	117.5	117.5	117.5
TOTAL FLOW	685.0	673.5	703.5	740.0	815.0	820	832.5

Notes:

1) EW1N-04 was started up on January 12, 2000.

2) EW2N-04 pumping rate was adjusted in September 2000 to the flow rates indicated. Due to the iron precipitation issues experienced, this flow may decrease between maintenance events.

3) The target flow rates have remained the same since November 2000.

Table 10
GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:			*CRA-14*	*CRA-14*	*CRA-27B*	*CRA-27B*	*CRA-28*	*CRA-28*	*CRA-28 Dup.*	*CRA-31A*
Sample ID:			*GW-110801-JPJB-196*	*GW-050702-JMDE-248*	*GW-110801-JPJB-194*	*GW-050702-JMDE-244*	*GW-110801-JPJB-197*	*GW-050702-JMDE-246*	*GW-050702-JMDE-247*	*GW-110701-JPJB-187*
Sample Date:			*11/8/2001*	*5/7/2002*	*11/8/2001*	*5/7/2002*	*11/8/2001*	*5/7/2002*	*5/7/2002*	*11/7/2001*
Area:										
Parameter	*Unit*	*Action Level*								
Volatiles										
Chloromethane	ug/L	100 DWEL	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
Vinyl chloride	ug/L	2 SOW	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
Bromomethane	ug/L	40 DWEL	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
1,1-Dichloroethene	ug/L	7 PMCL	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	0.8	0.67	0.8	ND (0.5)
Carbon disulfide	ug/L	3500 DWEL	ND (2)	ND(5)	ND (2)	ND(5)	ND (2)	ND (5)	ND (5)	ND (2)
Acetone	ug/L	3500 DWEL	ND (2)	ND(5)	ND (2)	ND(5)	ND (2)	ND (5)	ND (5)	ND (2)
Methylene chloride	ug/L	5 SOW	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	100 PMCL	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
1,1-Dichloroethane	ug/L	3500 DWEL	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	1	ND (1)	ND (1)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	70 PMCL	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	0.7	0.38 J	ND (2)	ND (0.5)
2-Butanone	ug/L	21000 DWEL	ND (2)	ND(5)	ND (2)	ND(5)	ND (2)	ND (5)	ND (5)	ND (2)
Chloroform (Trichloromethane)	ug/L	100 PMCL-1	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
1,1,1-Trichloroethane	ug/L	200 SOW	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	79 J	45	44	ND (0.5)
Carbon tetrachloride	ug/L	5 PMCL	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
Benzene	ug/L	5 PMCL	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
1,2-Dichloroethane	ug/L	5 PMCL	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
Trichloroethene	ug/L	5 SOW	ND (0.5)	0.65	ND (0.5)	ND(1.0)	**1100**	**690**	**660**	ND (0.5)
1,2-Dichloropropane	ug/L	5 PMCL	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
Bromodichloromethane	ug/L	100 PMCL-1	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
4-Methyl-2-pentanone	ug/L	2800 DWEL	ND (2)	ND(5)	ND (2)	ND(5)	ND (2)	ND (5)	ND (5)	ND (2)
Toluene	ug/L	1000 PMCL	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
1,1,2-Trichloroethane	ug/L	5 PMCL	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
Tetrachloroethene	ug/L	5 PMCL	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
Dibromochloromethane	ug/L	100 PMCL-1	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
Chlorobenzene	ug/L	100 PMCL	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
Ethylbenzene	ug/L	700 PMCL	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
Styrene	ug/L	100 PMCL	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
Bromoform	ug/L	100 PMCL-1	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	1.7 IWQS	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)
Xylene (total)	ug/L	10000 PMCL	ND (0.5)	ND(1.0)	ND (0.5)	ND(1.0)	ND (0.5)	ND (1)	ND (1)	ND (0.5)

Table 10
GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:			*CRA-31A*	*CRA-42*	*CRA-42*	*CRA-58*	*CRA-58*	*CRA-59*	*CRA-59*	*CRA-60*
Sample ID:			*GW-050702-JMDE-242*	*GW-110801-JPJB-193*	*GW-050702-JMDE-243*	*GW-110701-JPJB-189*	*GW-50702-JMDE-241*	*GW-110801-JPJB-191*	*GW-050802-JMDE-270*	*GW-110701-JPJB-192*
Sample Date:			*5/7/2002*	*11/8/2001*	*5/7/2002*	*11/7/2001*	*5/7/2002*	*11/8/2001*	*5/8/02*	*11/9/2001*
Area:										
Parameter	*Unit*	*Action Level*								
Volatiles										
Chloromethane	ug/L	100 DWEL	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Vinyl chloride	ug/L	2 SOW	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Bromomethane	ug/L	40 DWEL	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
1,1-Dichloroethene	ug/L	7 PMCL	ND (1.0)	**22 J**	**9.5**	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Carbon disulfide	ug/L	3500 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)
Acetone	ug/L	3500 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)
Methylene chloride	ug/L	5 SOW	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	100 PMCL	ND (1.0)	20 J	7.9	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
1,1-Dichloroethane	ug/L	3500 DWEL	ND (1.0)	63 J	28	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	70 PMCL	ND (1.0)	940 J	510	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
2-Butanone	ug/L	21000 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)
Chloroform (Trichloromethane)	ug/L	100 PMCL-1	ND (1.0)	6 J	1.5	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
1,1,1-Trichloroethane	ug/L	200 SOW	ND (1.0)	**540 J**	**330**	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Carbon tetrachloride	ug/L	5 PMCL	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Benzene	ug/L	5 PMCL	ND (1.0)	0.9 J	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
1,2-Dichloroethane	ug/L	5 PMCL	ND (1.0)	**27 J**	**21**	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Trichloroethene	ug/L	5 SOW	ND (1.0)	**2500**	**1300**	0.5	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
1,2-Dichloropropane	ug/L	5 PMCL	ND (1.0)	1 J	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Bromodichloromethane	ug/L	100 PMCL-1	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
4-Methyl-2-pentanone	ug/L	2800 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)
Toluene	ug/L	1000 PMCL	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
1,1,2-Trichloroethane	ug/L	5 PMCL	ND (1.0)	2 J	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Tetrachloroethene	ug/L	5 PMCL	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Dibromochloromethane	ug/L	100 PMCL-1	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Chlorobenzene	ug/L	100 PMCL	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Ethylbenzene	ug/L	700 PMCL	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Styrene	ug/L	100 PMCL	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Bromoform	ug/L	100 PMCL-1	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	1.7 IWQS	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Xylene (total)	ug/L	10000 PMCL	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)

Table 10
GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:			*CRA-60*	*CRA-64*	*CRA-64*	*MW-36*	*MW-36*	*EWIN-1*	*EWIN-1*	*EWIN-2*
Sample ID:			*GW-050702-JMDE-240*	*GW-110701-JPJB-190*	*GW-050702-JMDE-239*	*GW-110801-JPJB-195*	*GW-050702-JMDE-245*	*EW-111201-JPJB-223*	*EW-050802-JMDE-262*	*EW-111201-JPJB-222*
Sample Date:			*5/7/2002*	*11/7/2001*	*5/7/2002*	*11/8/2001*	*5/7/2002*	*11/12/2001*	*5/8/02*	*11/12/2001*
Area:										
Parameter	*Unit*	*Action Level*								
Volatiles										
Chloromethane	ug/L	100 DWEL	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Vinyl chloride	ug/L	2 SOW	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Bromomethane	ug/L	40 DWEL	ND (1.0)	ND (0.5) UJ	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
1,1-Dichloroethene	ug/L	7 PMCL	ND (1.0)	ND (0.5)	ND (1.0)	0.9 J	0.97J	ND (0.5)	.36 J	1
Carbon disulfide	ug/L	3500 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5.0)	ND (2)
Acetone	ug/L	3500 DWEL	ND (5)	ND (2)	ND (5)	3 J	ND (5)	ND (2)	ND (5.0)	ND (2)
Methylene chloride	ug/L	5 SOW	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	100 PMCL	ND (1.0)	ND (0.5)	ND (1.0)	2 J	0.78	ND (0.5)	ND (1.0)	0.6
1,1-Dichloroethane	ug/L	3500 DWEL	ND (1.0)	ND (0.5)	ND (1.0)	15 J	9	1	0.88 J	4
cis-1,2-Dichloroethene	ug/L	70 PMCL	ND (1.0)	ND (0.5)	ND (1.0)	70	46	0.9	0.39 J	36
2-Butanone	ug/L	21000 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5.0)	ND (2)
Chloroform (Trichloromethane)	ug/L	100 PMCL-1	ND (1.0)	ND (0.5)	ND (1.0)	0.6 J	.33 J	ND (0.5)	ND (1.0)	ND (0.5)
1,1,1-Trichloroethane	ug/L	200 SOW	ND (1.0)	ND (0.5)	ND (1.0)	61	65	20	14	30
Carbon tetrachloride	ug/L	5 PMCL	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Benzene	ug/L	5 PMCL	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
1,2-Dichloroethane	ug/L	5 PMCL	ND (1.0)	ND (0.5)	ND (1.0)	3 J	1.6	ND (0.5)	ND (1.0)	3
Trichloroethene	ug/L	5 SOW	ND (1.0)	ND (0.5)	ND (1.0)	120	98	53	40	69
1,2-Dichloropropane	ug/L	5 PMCL	ND (1.0)	ND (0.5)	ND (1.0)	1 J	.54 J	ND (0.5)	ND (1.0)	ND (0.5)
Bromodichloromethane	ug/L	100 PMCL-1	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
4-Methyl-2-pentanone	ug/L	2800 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5.0)	ND (2)
Toluene	ug/L	1000 PMCL	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
1,1,2-Trichloroethane	ug/L	5 PMCL	ND (1.0)	ND (0.5)	ND (1.0)	0.5 J	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Tetrachloroethene	ug/L	5 PMCL	ND (1.0)	ND (0.5)	ND (1.0)	9.5	13	ND (0.5)	ND (1.0)	ND (0.5)
Dibromochloromethane	ug/L	100 PMCL-1	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Chlorobenzene	ug/L	100 PMCL	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Ethylbenzene	ug/L	700 PMCL	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Styrene	ug/L	100 PMCL	ND (1.0)	ND (0.5) UJ	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Bromoform	ug/L	100 PMCL-1	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	1.7 IWQS	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)
Xylene (total)	ug/L	10000 PMCL	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)	ND (1.0)	ND (0.5)

Table 10
GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:			*EW1N-2*	*EW1N-4*	*EW1N-4*
Sample ID:			*EW-050802-JMDE-261*	*EW-111201-JPJB-224*	*EW-050802-JMDE-263*
Sample Date:			*5/8/02*	*11/12/2001*	*5/8/02*
Area:					
Parameter	*Unit*	*Action Level*			
Volatiles					
Chloromethane	ug/L	100 DWEL	ND (1.0)	ND (0.5)	ND (1.0)
Vinyl chloride	ug/L	2 SOW	ND (1.0)	ND (0.5)	ND (1.0)
Bromomethane	ug/L	40 DWEL	ND (1.0)	ND (0.5)	ND (1.0)
1,1-Dichloroethene	ug/L	7 PMCL	0..83	0.6	.51 J
Carbon disulfide	ug/L	3500 DWEL	ND (5.0)	ND (2)	ND (5.0)
Acetone	ug/L	3500 DWEL	ND (5.0)	ND (2)	ND (5.0)
Methylene chloride	ug/L	5 SOW	ND (1.0)	ND (0.5)	ND (1.0)
trans-1,2-Dichloroethene	ug/L	100 PMCL	.58 J	ND (0.5)	ND (1.0)
1,1-Dichloroethane	ug/L	3500 DWEL	3	ND (0.5)	ND (1.0)
cis-1,2-Dichloroethene	ug/L	70 PMCL	30	2	2.1
2-Butanone	ug/L	21000 DWEL	ND (5.0)	ND (2)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	100 PMCL-1	ND (1.0)	ND (0.5)	ND (1.0)
1,1,1-Trichloroethane	ug/L	200 SOW	22	0.9 J	2.5
Carbon tetrachloride	ug/L	5 PMCL	ND (1.0)	ND (0.5)	ND (1.0)
Benzene	ug/L	5 PMCL	ND (1.0)	ND (0.5)	ND (1.0)
1,2-Dichloroethane	ug/L	5 PMCL	2.2	ND (0.5)	ND (1.0)
Trichloroethene	ug/L	5 SOW	74	ND (0.5)	ND (1.0)
1,2-Dichloropropane	ug/L	5 PMCL	ND (1.0)	ND (0.5)	ND (1.0)
Bromodichloromethane	ug/L	100 PMCL-1	ND (1.0)	ND (0.5)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (1.0)	ND (0.5)	ND (1.0)
4-Methyl-2-pentanone	ug/L	2800 DWEL	ND (5.0)	ND (2)	ND (5.0)
Toluene	ug/L	1000 PMCL	ND (1.0)	ND (0.5)	ND (1.0)
trans-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (1.0)	ND (0.5)	ND (1.0)
1,1,2-Trichloroethane	ug/L	5 PMCL	ND (1.0)	ND (0.5)	ND (1.0)
Tetrachloroethene	ug/L	5 PMCL	ND (1.0)	ND (0.5)	ND (1.0)
Dibromochloromethane	ug/L	100 PMCL-1	ND (1.0)	ND (0.5)	ND (1.0)
Chlorobenzene	ug/L	100 PMCL	ND (1.0)	ND (0.5)	ND (1.0)
Ethylbenzene	ug/L	700 PMCL	ND (1.0)	ND (0.5)	ND (1.0)
Styrene	ug/L	100 PMCL	ND (1.0)	ND (0.5)	ND (1.0)
Bromoform	ug/L	100 PMCL-1	ND (1.0)	ND (0.5)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	1.7 IWQS	ND (1.0)	ND (0.5)	ND (1.0)
Xylene (total)	ug/L	10000 PMCL	ND (1.0)	ND (0.5)	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
IWQS - 2 - Action Level for this parameter represents the sum of the dichlofopropene detections including:1,2 - dichloropropene and 1,3 - dichloropropen
DWEL - 3 - Reference Dose (RFD) value for anthracene was used as a standard value for polycyclic aromatic hydrocarbons (PAHs) with no available RFD:
(Reference: USEPA Integrated Risk System Database [IRIS], January 1996.)
BOLD - Constituents that exceed action levels

TABLE 11
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-110801-JPJB-202*	*GW-050702-JMDE-269*	*GW-110901-JPJB-207*	*GW-050902-TA-276*	*GW-110801-JPJB-201*	*GW-050702-TA-251*	*GW-110801-JPJB-198*	*GW-050702-JMDE-249*	*GW-110801-JPJB-200*
Sample Date:				*11/8/2001*	*5/7/02*	*11/9/2001*	*5/9/2002*	*11/8/2001*	*5/7/02*	*11/8/2001*	*5/7/02*	*11/8/2001*
Area:												
Parameter	*Unit*	*Action Level*										
Volatiles												
Chloromethane	ug/L	100	DWEL	ND (0.5)	1	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Vinyl chloride	ug/L	2	SOW	72	23	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Bromomethane	ug/L	40	DWEL	ND (0.5)	1	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,1-Dichloroethene	ug/L	7	PMCL	3	1.2	2	1.6	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Carbon disulfide	ug/L	3500	DWEL	ND (2)	5	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)
Acetone	ug/L	3500	DWEL	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)
Methylene chloride	ug/L	5	SOW	ND (0.5)	1	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	100	PMCL	50	19	2	0.97 J	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,1-Dichloroethane	ug/L	3500	DWEL	730	200	48	36	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	70	PMCL	1100	330	14	7.4	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
2-Butanone	ug/L	21000	DWEL	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)
Chloroform (Trichloromethane)	ug/L	100	PMCL-1	ND (0.5)	ND (1)	2	1.3	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,1,1-Trichloroethane	ug/L	200	SOW	100	59	97	83	ND (0.5)	ND (1)	8	7.1	ND (0.5)
Carbon tetrachloride	ug/L	5	PMCL	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Benzene	ug/L	5	PMCL	4	1.3	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,2-Dichloroethane	ug/L	5	PMCL	1	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Trichloroethene	ug/L	5	SOW	6	6.7	130	98	ND (0.5)	ND (1)	6	4.4	0.73(J)
1,2-Dichloropropane	ug/L	5	PMCL	2	.66J	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Bromodichloromethane	ug/L	100	PMCL-1	ND (0.5)	1	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
4-Methyl-2-pentanone	ug/L	2800	DWEL	ND (2)	5	ND (2)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)
Toluene	ug/L	1000	PMCL	1	0.35 J	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	87	IWQS-2	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,1,2-Trichloroethane	ug/L	5	PMCL	1	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Tetrachloroethene	ug/L	5	PMCL	2	0.45 J	6	3.9	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Dibromochloromethane	ug/L	100	PMCL-1	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Chlorobenzene	ug/L	100	PMCL	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Ethylbenzene	ug/L	700	PMCL	42 J	14	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Styrene	ug/L	100	PMCL	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5) UJ	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Bromoform	ug/L	100	PMCL-1	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	1.7	IWQS	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Xylene (total)	ug/L	10000	PMCL	47	3.6	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)

TABLE 11
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*
Sample ID:			*GW-050702-JMDE-260*	*GW-110701-JPJB-188*	*GW-050702-TA-250*	*GW-110801-JPJB-205*	*GW-050702-TA-252*	*GW-110801-JPJB-203*	*GW-050702-TA-253*	*EW-111201-JPJB-225*
Sample Date:			*5/7/02*	*11/7/2001*	*5/7/02*	*11/8/2001*	*5/7/02*	*11/8/2001*	*5/7/02*	*11/12/2001*
Area:										
Parameter	*Unit*	*Action Level*								
Volatiles										
Chloromethane	ug/L	100 DWEL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Vinyl chloride	ug/L	2 SOW	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	11
Bromomethane	ug/L	40 DWEL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,1-Dichloroethene	ug/L	7 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Carbon disulfide	ug/L	3500 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)
Acetone	ug/L	3500 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)
Methylene chloride	ug/L	5 SOW	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	100 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	9
1,1-Dichloroethane	ug/L	3500 DWEL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	150
cis-1,2-Dichloroethene	ug/L	70 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	63
2-Butanone	ug/L	21000 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)
Chloroform (Trichloromethane)	ug/L	100 PMCL-1	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,1,1-Trichloroethane	ug/L	200 SOW	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	20 J
Carbon tetrachloride	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5) UJ	ND (1)	ND (0.5) UJ	ND (1)	ND (0.5)
Benzene	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	0.5
1,2-Dichloroethane	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5) UJ	ND (1)	ND (0.5) UJ	ND (1)	11 J
Trichloroethene	ug/L	5 SOW	.73 J	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	2
1,2-Dichloropropane	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Bromodichloromethane	ug/L	100 PMCL-1	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
4-Methyl-2-pentanone	ug/L	2800 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)
Toluene	ug/L	1000 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,1,2-Trichloroethane	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Tetrachloroethene	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Dibromochloromethane	ug/L	100 PMCL-1	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Chlorobenzene	ug/L	100 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Ethylbenzene	ug/L	700 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Styrene	ug/L	100 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Bromoform	ug/L	100 PMCL-1	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	1.7 IWQS	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Xylene (total)	ug/L	10000 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)

TABLE 11
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:			*EW-050802-JMWF-267*	*EW-050802-JMWF-268*	*EW-111201-JPJB-226*	*EW-050802-JMWF-266*	*EW-111201-JPJB-227*	*EW-050802-JMWF-265*	*EW-111201-JPJB-228*	*EW-050802-JMWF-264*
Sample Date:			*5/8/2002*	*5/8/2002*	*11/12/2001*	*5/8/2002*	*11/12/2001*	*5/8/2002*	*11/12/2001*	*5/8/2002*
Area:										
Parameter	*Unit*	*Action Level*								
Volatiles										
Chloromethane	ug/L	100 DWEL	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
Vinyl chloride	ug/L	2 SOW	**10**	**11**	**96**	**100**	ND (0.5)	ND (1)	ND (0.5)	ND (1)
Bromomethane	ug/L	40 DWEL	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
1,1-Dichloroethene	ug/L	7 PMCL	ND (1)	0.34J	3	3.3	5	4.5	2	1.5
Carbon disulfide	ug/L	3500 DWEL	ND (5)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)
Acetone	ug/L	3500 DWEL	ND (5)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)
Methylene chloride	ug/L	5 SOW	ND (1)	ND (1)	ND (0.5)	ND (1)	0.5	ND (1)	ND (0.5)	ND (1)
trans-1,2-Dichloroethene	ug/L	100 PMCL	7.5	7.7	ND (0.5)	N22	ND (0.5)	ND (1)	ND (0.5)	.36J
1,1-Dichloroethane	ug/L	3500 DWEL	100	93	630	420	17	15	21	17
cis-1,2-Dichloroethene	ug/L	70 PMCL	49	46	**500**	**370**	5	3.7	7	5.9
2-Butanone	ug/L	21000 DWEL	ND (5)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)
Chloroform (Trichloromethane)	ug/L	100 PMCL-1	ND (1)	ND (1)	0.9 J	0.53J	11	8.5	3 J	1.3J
1,1,1-Trichloroethane	ug/L	200 SOW	11	12	110	78	120	110	38 J	25J
Carbon tetrachloride	ug/L	5 PMCL	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
Benzene	ug/L	5 PMCL	0.41J	0.45 J	1	0.93	ND (0.5)	ND (1)	ND (0.5)	ND (1)
1,2-Dichloroethane	ug/L	5 PMCL	6.2	6.7	2 J	ND (1)	ND (0.5)	ND (1)	0.9 J	ND (1)
Trichloroethene	ug/L	5 SOW	1.5	1.6	**96**	**81**	**120**	**140**	**7**	**5.3**
1,2-Dichloropropane	ug/L	5 PMCL	ND (1)	ND (1)	0.6	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
Bromodichloromethane	ug/L	100 PMCL-1	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
cis-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
4-Methyl-2-pentanone	ug/L	2800 DWEL	ND (5)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)
Toluene	ug/L	1000 PMCL	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
trans-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
1,1,2-Trichloroethane	ug/L	5 PMCL	ND (1)	ND (1)	0.7	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
Tetrachloroethene	ug/L	5 PMCL	ND (1)	ND (1)	**6**	3.7	**10**	**9.2**	**24**	**20**
Dibromochloromethane	ug/L	100 PMCL-1	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
Chlorobenzene	ug/L	100 PMCL	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
Ethylbenzene	ug/L	700 PMCL	.48J	0.52 J	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
Styrene	ug/L	100 PMCL	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
Bromoform	ug/L	100 PMCL-1	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
1,1,2,2-Tetrachloroethane	ug/L	1.7 IWQS	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
Xylene (total)	ug/L	10000 PMCL	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)

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 12
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*
Sample ID:			*GW-111301-JPJB-234*	*GW-050802-JMDE-273*	*GW-111301-JPJB-236*	*GW-050802-JMDE-274*	*GW-111301-JPJB-235*	*GW-050702-JMDE-272*	*GW-111301-JPJE-229*	*GW-051302-TA-289*
Sample Date:			*11/13/2001*	*5/8/02*	*11/13/2001*	*5/8/02*	*11/13/2001*	*5/8/02*	*11/13/2001*	*5/13/2002*
Area:										
Parameter	*Unit*	*Action Level*								
Volatiles										
Chloromethane	ug/L	100 DWEL	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (1)
Vinyl chloride	ug/L	2 SOW	ND (0.5)	ND (1)	ND (0.5)	ND (1)	9.2	9.2	ND (0.5)	ND (1)
Bromomethane	ug/L	40 DWEL	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (1)
1,1-Dichloroethene	ug/L	7 PMCL	5	7.3	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (1)
Carbon disulfide	ug/L	3500 DWEL	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (25)	ND (2)	ND (5)
Acetone	ug/L	3500 DWEL	3	ND (5)	ND (2)	ND (5)	ND (2)	ND (25)	ND (2)	ND (5)
Methylene chloride	ug/L	5 SOW	ND (0.5)	ND (1)	ND (0.5)	ND (1)	1	ND (5)	ND (0.5)	ND (1)
trans-1,2-Dichloroethene	ug/L	100 PMCL	ND (0.5)	.52J	ND (0.5)	ND (1)	16	16	ND (0.5)	ND (1)
1,1-Dichloroethane	ug/L	3500 DWEL	5	6.1	ND (0.5)	ND (1)	110	86	ND (0.5)	ND (1)
cis-1,2-Dichloroethene	ug/L	70 PMCL	17	24	ND (0.5)	ND (1)	86	86	ND (0.5)	ND (1)
2-Butanone	ug/L	21000 DWEL	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (25)	ND (2)	ND (5)
Chloroform (Trichloromethane)	ug/L	100 PMCL-1	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (1)
1,1,1-Trichloroethane	ug/L	200 SOW	8	17	ND (0.5)	ND (1)	2	ND (5)	45	53
Carbon tetrachloride	ug/L	5 PMCL	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (1)
Benzene	ug/L	5 PMCL	ND (0.5)	ND (1)	ND (0.5)	ND (1)	17	17	ND (0.5)	ND (1)
1,2-Dichloroethane	ug/L	5 PMCL	ND (0.5)	ND (1)	ND (0.5)	ND (1)	5.0	ND (5)	ND (0.5)	ND (1)
Trichloroethene	ug/L	5 SOW	3	1.1	ND (0.5)	ND (1)	2	ND (5)	ND (0.5)	ND (1)
1,2-Dichloropropane	ug/L	5 PMCL	ND (0.5)	ND (1)	ND (0.5)	ND (1)	5.0	ND (5)	ND (0.5)	ND (1)
Bromodichloromethane	ug/L	100 PMCL-1	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (1)
cis-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (1)
4-Methyl-2-pentanone	ug/L	2800 DWEL	ND (2)	ND (5)	ND (2)	ND (5)	ND (200)	25	ND (2)	ND (5)
Toluene	ug/L	1000 PMCL	ND (0.5)	ND (1)	ND (0.5)	ND (1)	400	400	ND (0.5)	ND (1)
trans-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (1)
1,1,2-Trichloroethane	ug/L	5 PMCL	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (1)
Tetrachloroethene	ug/L	5 PMCL	72	57	1	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (1)
Dibromochloromethane	ug/L	100 PMCL-1	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (1)
Chlorobenzene	ug/L	100 PMCL	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (1)
Ethylbenzene	ug/L	700 PMCL	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (1)
Styrene	ug/L	100 PMCL	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (1)
Bromoform	ug/L	100 PMCL-1	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (1)
1,1,2,2-Tetrachloroethane	ug/L	1.7 IWQS	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (1)
Xylene (total)	ug/L	10000 PMCL	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (1)

Table 12
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*
Sample ID:			*GW-051302-TA-290*	*GW-111301-JPJB-230*	*GW-050802-JMDE-271*	*GW-111301-JPJB-233*	*GW-050802-TA-258*	*GW-111301-JPJB-231*	*GW-050802-TA-259*	*GW-111301-JPJB-232*
Sample Date:			*5/13/2002*	*11/13/2001*	*5/8/2002*	*11/13/2001*	*5/8/02*	*11/13/2001*	*5/8/2002*	*11/13/2001*
Area:			*Duplicate*							
Parameter	*Unit*	*Action Level*								
Volatiles										
Chloromethane	ug/L	100 DWEL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Vinyl chloride	ug/L	2 SOW	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Bromomethane	ug/L	40 DWEL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,1-Dichloroethene	ug/L	7 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Carbon disulfide	ug/L	3500 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)
Acetone	ug/L	3500 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)
Methylene chloride	ug/L	5 SOW	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	100 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,1-Dichloroethane	ug/L	3500 DWEL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	70 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
2-Butanone	ug/L	21000 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)
Chloroform (Trichloromethane)	ug/L	100 PMCL-1	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,1,1-Trichloroethane	ug/L	200 SOW	51	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Carbon tetrachloride	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Benzene	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,2-Dichloroethane	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Trichloroethene	ug/L	5 SOW	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,2-Dichloropropane	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Bromodichloromethane	ug/L	100 PMCL-1	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
4-Methyl-2-pentanone	ug/L	2800 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)
Toluene	ug/L	1000 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,1,2-Trichloroethane	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Tetrachloroethene	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Dibromochloromethane	ug/L	100 PMCL-1	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Chlorobenzene	ug/L	100 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Ethylbenzene	ug/L	700 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Styrene	ug/L	100 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Bromoform	ug/L	100 PMCL-1	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	1.7 IWQS	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Xylene (total)	ug/L	10000 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)

Table 12
GROUNDWATER CHARACTERIZATION
TWO LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:			*MW-48*	*EW2N-2*	*EW2N-2*	*EW2N-3*	*EW2N-3*	*EW2N-3 Dup.*	*EW2N-4*	*EW2N-4*
Sample ID:			*GW-050902-TA-275*	*EW-111301-JPJB-237*	*EW-050802-TA-254*	*EW-111201-JPJB-216*	*EW-050802-TA-255*	*EW-050802-TA-256*	*EW-111201-JPJB-214*	*EW-050802-TA-257*
Sample Date:			*5/9/02*	*11/13/2001*	*5/8/02*	*11/12/2001*	*5/8/02*	*5/8/02*	*11/12/2001*	*5/8/02*
Area:										
Parameter	*Unit*	*Action Level*								
Volatiles										
Chloromethane	ug/L	100 DWEL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
Vinyl chloride	ug/L	2 SOW	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
Bromomethane	ug/L	40 DWEL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
1,1-Dichloroethene	ug/L	7 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	2	1.3
Carbon disulfide	ug/L	3500 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (2)	ND (5)
Acetone	ug/L	3500 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (2)	ND (5)
Methylene chloride	ug/L	5 SOW	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
trans-1,2-Dichloroethene	ug/L	100 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
1,1-Dichloroethane	ug/L	3500 DWEL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	4	2.2
cis-1,2-Dichloroethene	ug/L	70 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	21	18
2-Butanone	ug/L	21000 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (2)	ND (5)
Chloroform (Trichloromethane)	ug/L	100 PMCL-1	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
1,1,1-Trichloroethane	ug/L	200 SOW	ND (1)	ND (0.5)	ND (1)	0.7	0.81J	0.85J	26	27
Carbon tetrachloride	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
Benzene	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
1,2-Dichloroethane	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
Trichloroethene	ug/L	5 SOW	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
1,2-Dichloropropane	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
Bromodichloromethane	ug/L	100 PMCL-1	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
cis-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
4-Methyl-2-pentanone	ug/L	2800 DWEL	ND 5)	ND (2)	ND 5)	ND (2)	ND 5)	ND 5)	ND (2)	ND (5)
Toluene	ug/L	1000 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
trans-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
1,1,2-Trichloroethane	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
Tetrachloroethene	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
Dibromochloromethane	ug/L	100 PMCL-1	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
Chlorobenzene	ug/L	100 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
Ethylbenzene	ug/L	700 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
Styrene	ug/L	100 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
Bromoform	ug/L	100 PMCL-1	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
1,1,2,2-Tetrachloroethane	ug/L	1.7 IWQS	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)
Xylene (total)	ug/L	10000 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)

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 13
GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location:			*CRA-39*	*CRA-39*	*CRA-39B*	*CRA-39B*	*CRA-54*	*CRA-54*	*CRA-55*	*CRA-55*
Sample ID:			*GW-110901-JPJB-211*	*GW-051302-TADE-283*	*GW-110901-JPJB-209*	*GW-051302-TADE-282*	*GW-110901-JPJB-215*	*GW-051302-TADE-287*	*GW-110901-JPJB-212*	*GW-051302-TADE-285*
Sample Date:			*11/9/2001*	*5/13/02*	*11/9/2001*	*5/13/02*	*11/9/2001*	*5/13/02*	*11/9/2001*	*5/13/02*
Area:										
Parameter	*Unit*	*Action Level*								
Volatiles										
Chloromethane	ug/L	100 DWEL	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (25)	ND (0.5)	ND (1)
Vinyl chloride	ug/L	2 SOW	ND (0.5)	ND (5)	ND (0.5)	ND (1)	2	ND (25)	ND (0.5)	ND (1)
Bromomethane	ug/L	40 DWEL	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (25)	ND (0.5)	ND (1)
1,1-Dichloroethene	ug/L	7 PMCL	1	ND (5)	ND (0.5)	ND (1)	10	ND (25)	5	4
Carbon disulfide	ug/L	3500 DWEL	ND (2)	25	ND (2)	ND (5)	ND (2)	ND (120)	ND (2)	ND (5)
Acetone	ug/L	3500 DWEL	6	25	ND (2)	ND (5)	ND (2)	ND (120)	ND (2)	ND (5)
Methylene chloride	ug/L	5 SOW	ND (0.5)	ND (5)	ND (0.5)	ND (1)	2	ND (25)	ND (0.5)	ND (1)
trans-1,2-Dichloroethene	ug/L	100 PMCL	1	ND (5)	ND (0.5)	ND (1)	22	31	ND (0.5)	ND (1)
1,1-Dichloroethane	ug/L	3500 DWEL	38	49	ND (0.5)	ND (1)	300	390	5	1.1
cis-1,2-Dichloroethene	ug/L	70 PMCL	170	230	ND (0.5)	ND (1)	1700	1400	2	ND (1)
2-Butanone	ug/L	21000 DWEL	ND (2)	ND (25)	ND (2)	ND (5)	ND (2)	ND (120)	ND (2)	ND (5)
Chloroform (Trichloromethane)	ug/L	100 PMCL-1	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (25)	ND (0.5)	ND (1)
1,1,1-Trichloroethane	ug/L	200 SOW	24	24	ND (0.5)	ND (1)	180	180	130	150
Carbon tetrachloride	ug/L	5 PMCL	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (25)	ND (0.5)	ND (1)
Benzene	ug/L	5 PMCL	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (25)	ND (0.5)	ND (1)
1,2-Dichloroethane	ug/L	5 PMCL	ND (0.5)	ND (5)	ND (0.5)	ND (1)	0.9	ND (25)	ND (0.5)	ND (1)
Trichloroethene	ug/L	5 SOW	270	320	ND (0.5)	ND (1)	1	ND (25)	1	ND (1)
1,2-Dichloropropane	ug/L	5 PMCL	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (25)	ND (0.5)	ND (1)
Bromodichloromethane	ug/L	100 PMCL-1	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (25)	ND (0.5)	ND (1)
cis-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (25)	ND (0.5)	ND (1)
4-Methyl-2-pentanone	ug/L	2800 DWEL	ND (2)	ND (25)	ND (2)	ND (5)	ND (2)	ND (120)	ND (2)	ND (5)
Toluene	ug/L	1000 PMCL	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (25)	ND (0.5)	ND (1)
trans-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (25)	ND (0.5)	ND (1)
1,1,2-Trichloroethane	ug/L	5 PMCL	ND (0.5)	ND (5)	ND (0.5)	ND (1)	1	ND (25)	ND (0.5)	ND (1)
Tetrachloroethene	ug/L	5 PMCL	12	14	ND (0.5)	ND (1)	ND (0.5)	ND (25)	ND (0.5)	ND (1)
Dibromochloromethane	ug/L	100 PMCL-1	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (25)	ND (0.5)	ND (1)
Chlorobenzene	ug/L	100 PMCL	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (25)	ND (0.5)	ND (1)
Ethylbenzene	ug/L	700 PMCL	6	4.1J	ND (0.5)	ND (1)	ND (0.5)	ND (25)	ND (0.5)	ND (1)
Styrene	ug/L	100 PMCL	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (25)	ND (0.5)	ND (1)
Bromoform	ug/L	100 PMCL-1	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (25)	ND (0.5)	ND (1)
1,1,2,2-Tetrachloroethane	ug/L	1.7 IWQS	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (25)	ND (0.5)	ND (1)
Xylene (total)	ug/L	10000 PMCL	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (25)	ND (0.5)	ND (1)

Table 13
GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

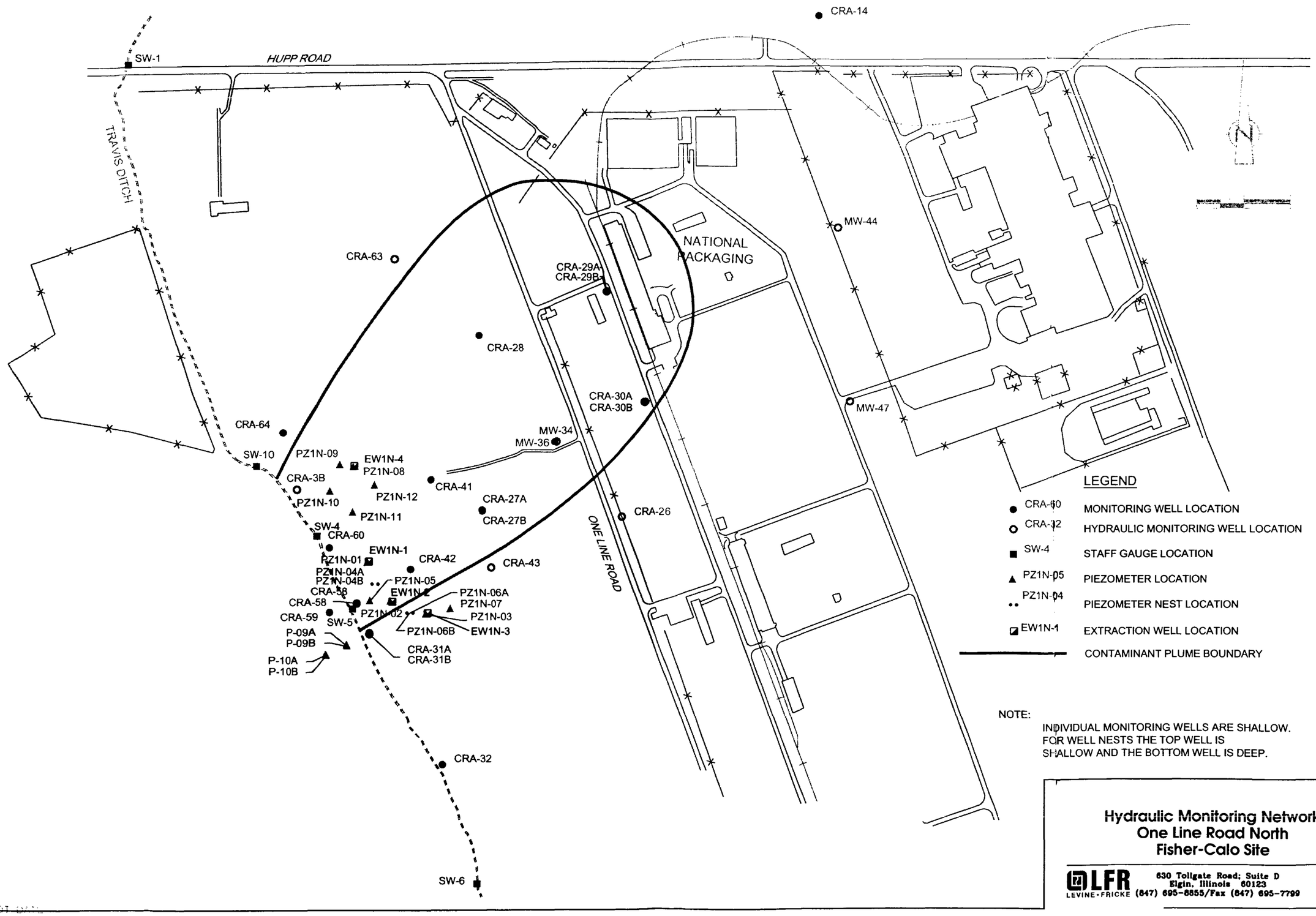
Sample Location:			*CRA-55*	*CRA-57*	*CRA-57*	*CRA-61*	*CRA-61*	*MW-67*	*MW-67*	*EWSL-1*
Sample ID:			*GW-051302-TADE-286*	*GW-110901-JPJB-208*	*GW-051302-TADE-284*	*GW-110901-JPJB-210*	*GW-051302-TADE-288*	*GW-110801-JPJB-206*	*GW-051302-TADE-281*	*EW-111201-JPJB-217*
Sample Date:			*5/13/02*	*11/9/2001*	*5/13/02*	*11/9/2001*	*5/13/02*	*11/9/2001*	*5/13/02*	*11/12/2001*
Area:			*Duplicate*							
Parameter	*Unit*	*Action Level*								
Volatiles										
Chloromethane	ug/L	100 DWEL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Vinyl chloride	ug/L	2 SOW	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Bromomethane	ug/L	40 DWEL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,1-Dichloroethene	ug/L	7 PMCL	3.6	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	2
Carbon disulfide	ug/L	3500 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)
Acetone	ug/L	3500 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)
Methylene chloride	ug/L	5 SOW	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	0.9
trans-1,2-Dichloroethene	ug/L	100 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	8
1,1-Dichloroethane	ug/L	3500 DWEL	1	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	140
cis-1,2-Dichloroethene	ug/L	70 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	340
2-Butanone	ug/L	21000 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)
Chloroform (Trichloromethane)	ug/L	100 PMCL-1	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,1,1-Trichloroethane	ug/L	200 SOW	140	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	2
Carbon tetrachloride	ug/L	5 PMCL	ND (1)	ND (0.5) UJ	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Benzene	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	0.6
1,2-Dichloroethane	ug/L	5 PMCL	ND (1)	ND (0.5) UJ	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	1
Trichloroethene	ug/L	5 SOW	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	0.5	ND (1)	14
1,2-Dichloropropane	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Bromodichloromethane	ug/L	100 PMCL-1	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
4-Methyl-2-pentanone	ug/L	2800 DWEL	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)	ND (5)	ND (2)
Toluene	ug/L	1000 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,1,2-Trichloroethane	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Tetrachloroethene	ug/L	5 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Dibromochloromethane	ug/L	100 PMCL-1	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Chlorobenzene	ug/L	100 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Ethylbenzene	ug/L	700 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Styrene	ug/L	100 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Bromoform	ug/L	100 PMCL-1	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	1.7 IWQS	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)
Xylene (total)	ug/L	10000 PMCL	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)

Table 13
GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location:			*EWSL-1*	*EWSL-2*	*EWSL-2*	*EWSL-3*	*EWSL-3*	*EWSL-4*	*EWSL-4*
Sample ID:			*EW-051302-TA280*	*EW-111201-JPJB-219*	*EW-051302-TA-279*	*EW-111201-JPJB-220*	*EW-051302-TA-278*	*EW-111201-JPJB-221*	*EW-051302-TA-277*
Sample Date:			*5/13/02*	*11/12/2001*	*5/13/02*	*11/12/2001*	*5/13/02*	*11/12/2001*	*5/13/02*
Area:									
Parameter	*Unit*	*Action Level*							
Volatiles									
Chloromethane	ug/L	100 DWEL	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
Vinyl chloride	ug/L	2 SOW	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	0.6	ND (1)
Bromomethane	ug/L	40 DWEL	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
1,1-Dichloroethene	ug/L	7 PMCL	ND (5)	7	5.4	ND (0.5)	ND (1)	0.6	0.79J
Carbon disulfide	ug/L	3500 DWEL	ND (25)	ND (2)	ND (25)	ND (2)	ND (5)	ND (2)	ND (5)
Acetone	ug/L	3500 DWEL	ND (25)	19	ND (25)	ND (2)	ND (5)	ND (2)	ND (5)
Methylene chloride	ug/L	5 SOW	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
trans-1,2-Dichloroethene	ug/L	100 PMCL	6.7	2	3.1J	ND (0.5)	ND (1)	1	1.6
1,1-Dichloroethane	ug/L	3500 DWEL	100	58	66	ND (0.5)	ND (1)	120	120
cis-1,2-Dichloroethene	ug/L	70 PMCL	**230**	**190**	**210**	0.9	0.73	63	**84**
2-Butanone	ug/L	21000 DWEL	ND (25)	ND (2)	ND (25)	ND (2)	ND (5)	ND (2)	ND (5)
Chloroform (Trichloromethane)	ug/L	100 PMCL-1	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
1,1,1-Trichloroethane	ug/L	200 SOW	ND (5)	**270**	**210**	ND (0.5)	ND (1)	0.6	ND (1)
Carbon tetrachloride	ug/L	5 PMCL	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
Benzene	ug/L	5 PMCL	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
1,2-Dichloroethane	ug/L	5 PMCL	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	0.6	0.68J
Trichloroethene	ug/L	5 SOW	**13**	**89**	**97**	ND (0.5)	ND (1)	ND (0.5)	ND (1)
1,2-Dichloropropane	ug/L	5 PMCL	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
Bromodichloromethane	ug/L	100 PMCL-1	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
cis-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
4-Methyl-2-pentanone	ug/L	2800 DWEL	ND (25)	ND (2)	ND (25)	ND (2)	ND (5)	ND (2)	ND (5)
Toluene	ug/L	1000 PMCL	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
trans-1,3-Dichloropropene	ug/L	87 IWQS-2	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
1,1,2-Trichloroethane	ug/L	5 PMCL	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
Tetrachloroethene	ug/L	5 PMCL	ND (5)	2	**6.9**	ND (0.5)	ND (1)	ND (0.5)	ND (1)
Dibromochloromethane	ug/L	100 PMCL-1	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
Chlorobenzene	ug/L	100 PMCL	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
Ethylbenzene	ug/L	700 PMCL	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
Styrene	ug/L	100 PMCL	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
Bromoform	ug/L	100 PMCL-1	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
1,1,2,2-Tetrachloroethane	ug/L	1.7 IWQS	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)
Xylene (total)	ug/L	10000 PMCL	ND (5)	ND (0.5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)

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

FIGURES



NOTE:
INDIVIDUAL MONITORING WELLS ARE SHALLOW.
FOR WELL NESTS THE TOP WELL IS
SHALLOW AND THE BOTTOM WELL IS DEEP.

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

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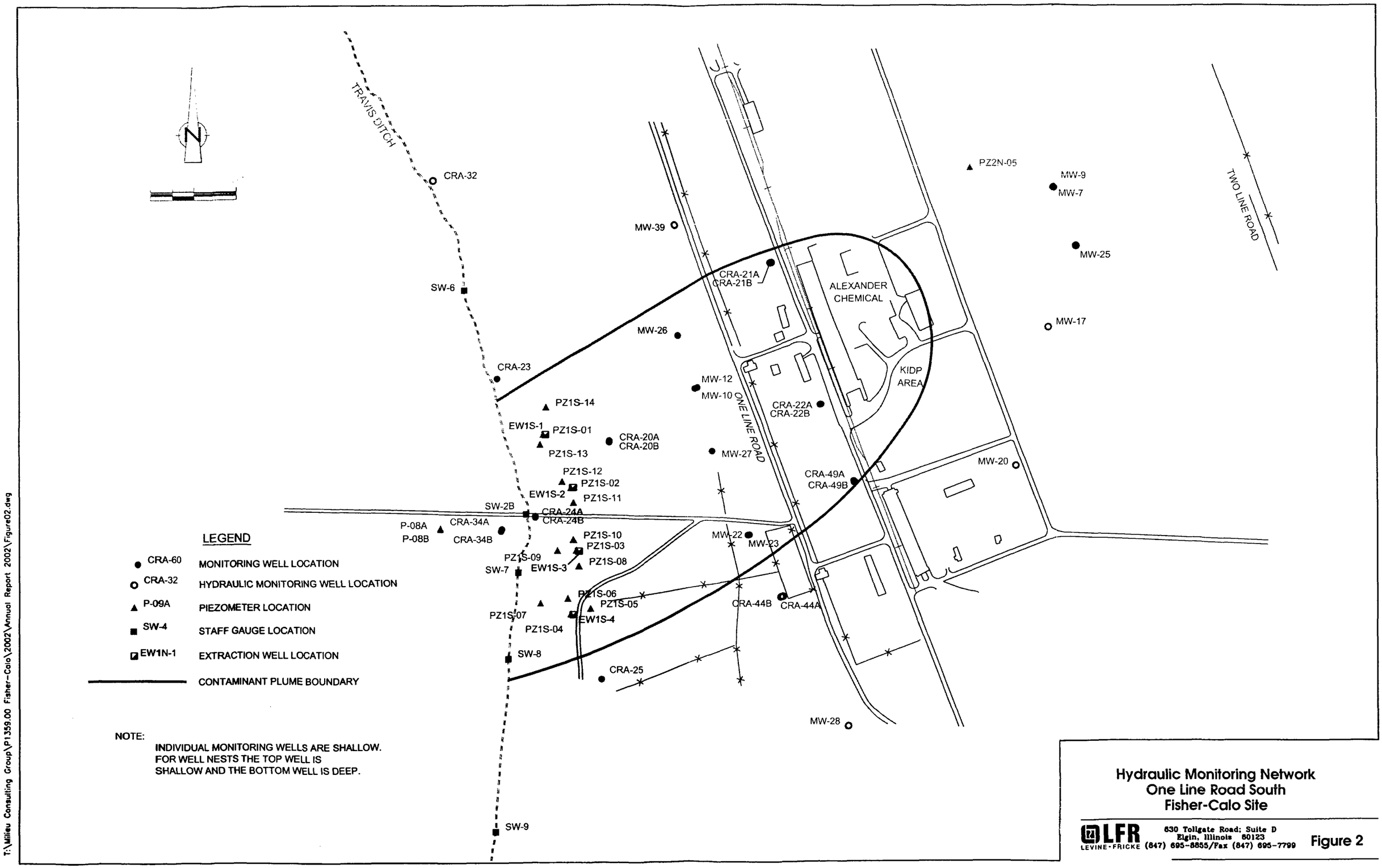

Hydraulic Monitoring Network
One Line Road South
Fisher-Calo Site

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

Figure 2

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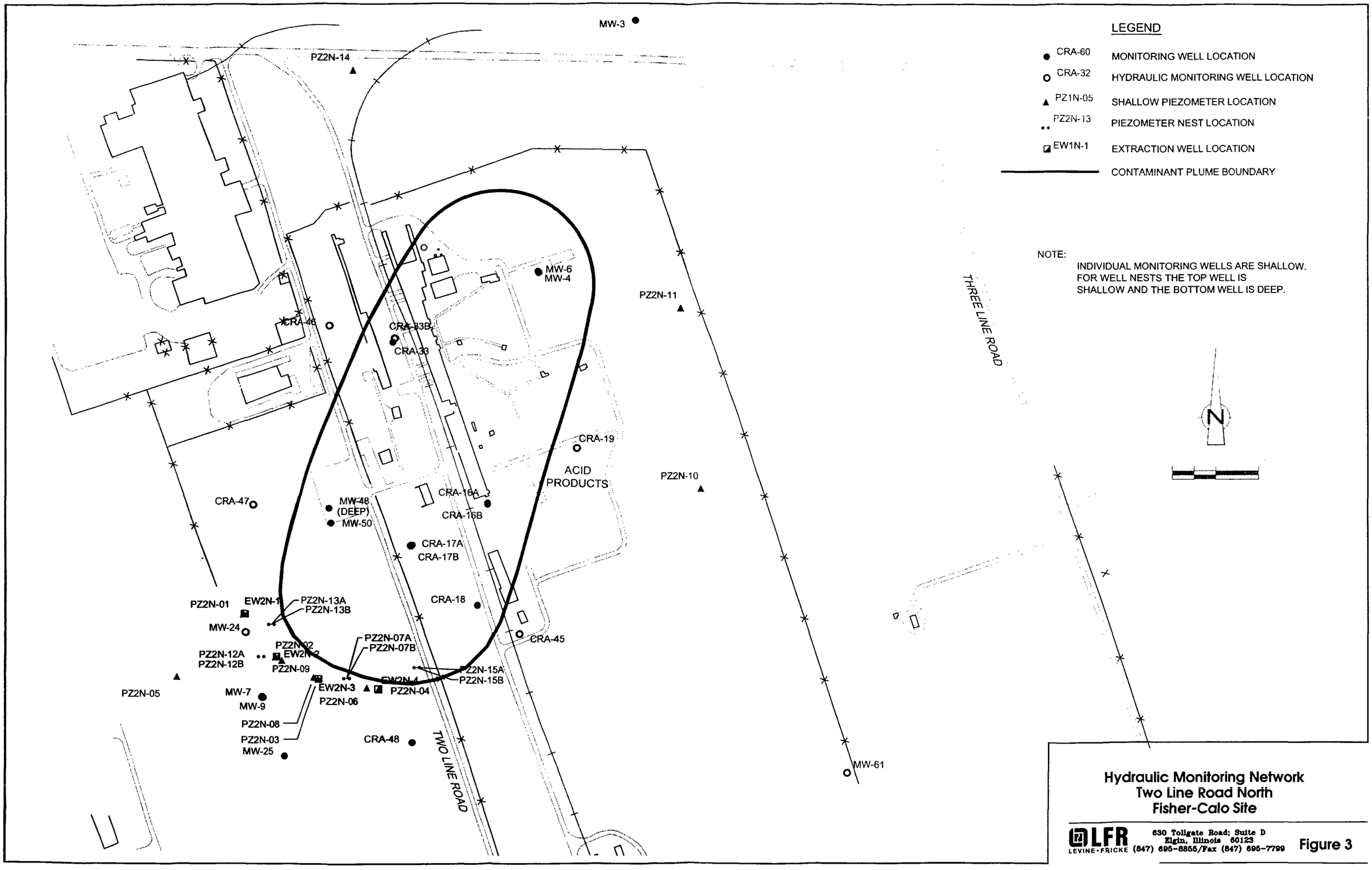

Hydraulic Monitoring Network
Two Line Road North
Fisher-Calo Site

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

Figure 3

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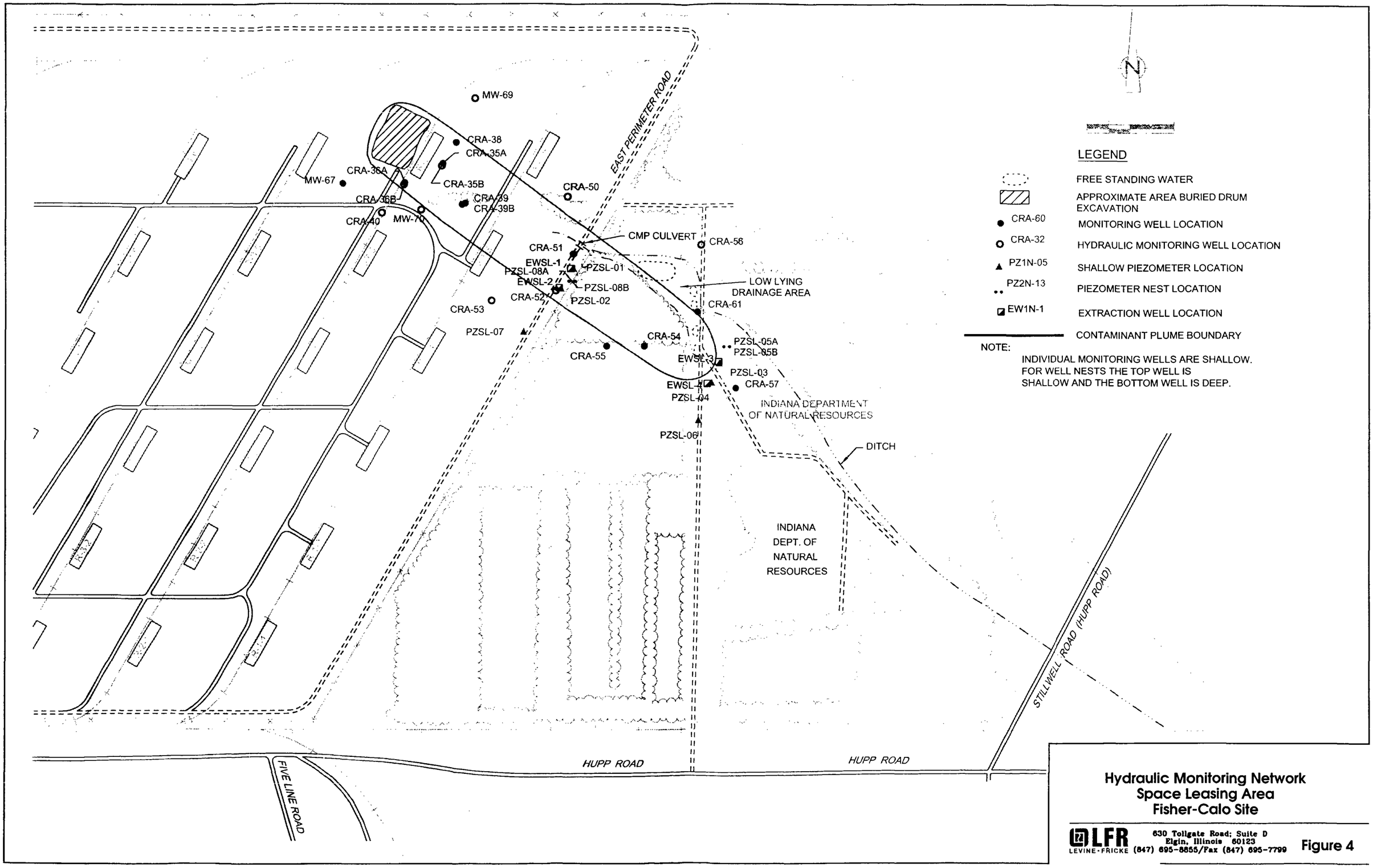

Hydraulic Monitoring Network
Space Leasing Area
Fisher-Calo Site

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

Figure 4

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ATTACHMENTS

ATTACHMENT I

SUMMARY OF MAINTENANCE ACTIVITIES

List of Activities Performed this Period
Table1. Routine Maintenance Activities
CRA February 6, 2002 Memo
CRA February 11, 2002 Memo

ATTACHMENT I

SUMMARY OF MAINTENANCE ACTIVITIES

Summary of Routine Maintenance Activities

Attached Table 1 presents the routine maintenance activities conducted in 2001 and 2002 (to June).

Summary of Non-Routine Maintenance Activities

- July 2001 - Completed installation of replacement sanitary sewer line from Treatment Building including the installed of a grinder pump in the plant septic system.
- August 2001 - No non-routine maintenance activities during this month.
- September 2001 thru January 2002-LFR worked with CRA to learn system O&M. During this period extensive maintenance was performed including redevelopment of EW1S-1 and 2. The maintenance activities and well development are described in the CRA memos attached to this section.
- Stearns Drilling replaced motor at EW1N-1. Miscellaneous alarm service calls were received due to extraction well pipe leaks in the WFCBs, which were repaired immediately. Conducted pump and yard pipe maintenance at all four recovery well locations within the One Line South Plume. Stearns returns to site to replace broken motor at EW1S-3. Performed force main swabbing at the Two Line North and Space Leasing Plumes.
- October 2001 - Flow meter cleaning was conducted at all the One Line South, One Line North, and Two Line North Well Field Control Buildings.
- November 2001 - A time (hour) recording meter was replaced at the Space Leasing Well Field Control Building for EWSL-1.
- December 2001 - Stearns Drilling replaced motors at EW1S-1, EW1S-2, and EW1S-4. Conducted wet end pump replacement and yard pipe swabbing at all recovery well locations. All force mains were swabbed at the four plume locations. Well rehabilitation/acidizing was conducted at EW1S-1 and EW1S-2 recovery wells. Installed new diffusers at the One Line Road North and One Line Road South recovery wells for the CO_2 injections system.
- 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.

TABLE 1

ROUTINE MAINTENANCE ACTIVITIES - 2001
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	2
	EW1N-2				1								1	2
	EW1N-3													
	EW1N-4				1								1	2
	EW1S-1		1							1			1	3
	EW1S-2		1							1			1	3
	EW1S-3		1				1			1			1	4
	EW1S-4		1							1			1	3
	EW2N-1													
	EW2N-2						1						1	2
	EW2N-3						1						1	2
	EW2N-4						1						1	2
	EWSL-1		1										1	2
	EWSL-2												1	1
	EWSL-3												1	1
	EWSL-4		1				1						1	3
	No. of Events		7		2		5			4			14	32
Yard Pipe Swabbing	1N		1		2								3	6
	1S		4				1			4			4	13
	2N						3						3	6
	SL		3				1						4	8
	No. of Events		8		2		5			4			14	33
Forcemain Swabbing	1N												1	1
	1S				1								1	2
	2N				1					1			1	3
	SL				1					1			1	3
	No. of Events				3					2			4	9
Air Stripper Cleaning	1				1									1
	2				1									1
	3				1									1
	No. of Events				3									3
Tank Cleaning	No. of Events													

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													
	EW1N-2													
	EW1N-3													
	EW1N-4													
	EW1S-1			1										
	EW1S-2													
	EW1S-3	1												
	EW1S-4													
	EW2N-1													
	EW2N-2													
	EW2N-3													
	EW2N-4			1										
	EWSL-1													
	EWSL-2													
	EWSL-3													
	EWSL-4													
	No. of Events	1		2										
Yard Pipe Swabbing	1N	1												
	1S	1		1										
	2N	1		1										
	SL	1												
	No. of Events	4		2										
Forcemain Swabbing	1N	1												
	1S	1												
	2N	1												
	SL	1												
	No. of Events	4												
Air Stripper Cleaning	1													
	2	1												
	3													
	No. of Events	1												
Tank Cleaning	No. of Events	1												

CONESTOGA-ROVERS & ASSOCIATES

621 E. North Street
Kalamazoo, Michigan 49007-3536
Telephone: (616) 344-1230 Fax: (616) 344-8558
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MEMORANDUM

TO:	David Heidlauf, Dick Paulen	REF. NO.:	10027
FROM:	Tom Miller	DATE:	February 6, 2002
C.C.:	Bruce Monteith, Wei-Lin Feng		
RE:	**Fisher-Calo Site, December 2001-January 2002 Maintenance**		

During the past two months a comprehensive site maintenance and cleaning event was undertaken at the Fisher-Calo site. The purpose of these activities was to address routine maintenance required at the site, along with transitioning the site, in the best condition as possible, to LFR. The majority of this work has been completed, with the only hold over being the disposal of the Drum Solids stored in the Treatment Plant. The Drum Solids are scheduled for disposal this week.

The following tasks have been completed at the site:

- Pump Cleaning and Replacement & Yard Pipe Swabbing - All 14 Well Locations.
- Forcemain Swabbing Event - All 4 Forcemains.
- Air Stripper #2 Cleaning Event.
- Recovery Well Rehabilitation/Acidizing at EW1S-01 & 02.
- EQ/Holding Tank Cleaning.
- Air Stripper Discharge Piping Spool Piece Installation.
- Installation of WFCB CO2 Ventilation System.
- Staff Gauge Installation at One Line South - SW-2B Location.
- New Benchmark Elevations Established/Surveyed at One South - SW2B & One North - SW-1 Locations.
- Drum Solids Removal - In Process.

Other key items that have been completed: Transfer of BOC Gases bulk CO2 gas account to LFR, plant sensaphone/alarm auto dialer re-programmed with LFR contact numbers, intrusion/fire alarm passcode holder list ammended, site computer hard drive tape and CD backup procedures reviewed with LFR.

We have worked closely with LFR in the past two to three months and transferred as much operational knowledge as possible to them, in an effort to facilitate as smooth a transition.

We feel that the completion of these maintenance activities and the transition efforts of CRA and LFR has left the site is in very good operating condition.

Please contact us questions or concerns you may have.

EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

Fisher-Calo Site December 2001 Maintenance Event
Full Open Flow Rate (gpm) & Pressure (psi) Readings

	Pre-Maintenance		Post-Pumps & Yard Pipe		Post-Forcemain Swabbing	
Well Location	Full-Open Flow Rate (gpm)	Discharge Pressure (psi)	Full-Open Flow Rate (gpm)	Discharge Pressure (psi)	Full-Open Flow Rate (gpm)	Discharge Pressure (psi)
EW1N-01	69.9	45.0	N/A	N/A	84.9	60.0
EW1N-02	75.6	60.0	N/A	N/A	85.4	45.0
EW1N-04	75.5	32.0	N/A	N/A	114.0	30.0
EW1S-01	75.0	70.0	82.5	N/A	88.0	62.0
EW1S-02	82.0	72.0	86.1	N/A	90.0	62.0
EW1S-03	77.0	72.0	83.75	N/A	88.0	64.0
EW1S-04	77.0	70.0	83.25	N/A	88.0	60.0
EW2N-02	54.9	44.0	70.4	N/A	77.7	46.0
EW2N-03	52.1	34.0	70.1	N/A	76.5	38.0
EW2N-04	69.5	38.0	73.9	N/A	80.1	36.0
EWSL-01	29.2	33.0	41.8	N/A	45.6	50.0
EWSL-02	24.9	32.0	44.6	N/A	47.5	51.0
EWSL-03	28.5	31.0	27.1	N/A	29.0	40.0
EWSL-04	26.5	32.0	40.6	N/A	43.6	46.0

Pre readings taken prior to maintenance event, Post readings taken after the pump wet-end change outs and yard pipe swabbing, and then again after the forcemain swabbing.

CONESTOGA-ROVERS & ASSOCIATES

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Telephone: (519) 884-0510 Fax: (519) 725-1394
www.CRAworld.com Email: nfitzpatrick@craworld.com

MEMORANDUM

TO:	Dave Heidlauf, Dick Paulen, Wei-Len Feng	REF. NO.:	10027-20/pw/24
FROM:	Nicholas Fitzpatrick	DATE:	February 11, 2002
C.C.:	Bruce Monteith, Tom Miller, Dilan Singaraja		
RE:	**Specific Well Capacities After December 2001 Rehabilitation Activities**		

Traditional and relative specific capacities of the extraction wells were calculated before, during, and after the rehabilitation activities performed by Conestoga-Rovers & Associates (CRA) at the Site in December 2001. The procedures followed to perform these calculations are the same as previously documented to United States Environmental Protection Agency (USEPA) and Indiana Department of Environmental Management (IDEM) in both CRA's memorandum from Bruce Monteith to Jeff Gore, Resa Ramsey, and Stan Labunski dated April 1, 1999, titled "*Fisher-Calo Rehabilitation of Extraction Wells EW1S-3 and EW1S-4*" and CRA's September 1999 report titled "*Evaluation of Additional Investigative Activities and Proposed Modifications to The Approved Remedial Action Work Plan - Groundwater Plume Remediation*".

Table 1 presents specific capacity calculations for all the extraction wells for December 2001; also included is data from the 2-hour pumping tests for all 15 extractions wells in December 1997, the 2-hour and 24-hour pumping test from the installation of extraction well EW1N-4 in January 2000, data from the April 1999 rehabilitation of extraction wells EW1S-3 and EW1S-4, and data collected during routine monitoring events during 2001.

Values are presented for both the "traditional specific capacity" method (i.e., gpm/ft), and the "relative specific capacity" method (i.e., approximated specific capacity compared to the December 1997 values, which is discussed in further detail below). When considering the data, it should be recognized that specific capacities are somewhat influenced by other pumping activities occurring at the same time (i.e., EW1S-1 and EW1S-2 operations, plus EW1S-3 and EW1S-4 operations and interactions).

To determine the "traditional" specific well capacity, the calculation requires a static water level measurement to be taken in the extraction well. This involves turning off the pumps for a period of time, waiting for water levels to stabilize (preferably a minimum of 18-24 hours), recording the static water level, and then resuming pumping operation. As this process is very disruptive to the ongoing operation of the system, and very time consuming, CRA developed an alternative method, wherein the drawdown in the extraction well is instead measured from the water level in an adjacent piezometer, rather than shutting down the well to determine the static water level. This "approximated specific capacity" is then divided by the "specific capacity" obtained for the same extraction well/piezometer pair when the wells were originally installed (December 1997 for the original 15 extraction wells and January 2002 for EW1N-4), resulting in a "relative specific capacity" that has generally ranged between 0.9 and 1.2 for this site.

REGISTERED COMPANY FOR ISO 9001 ENGINEERING DESIGN

A relative specific capacity of 1.0 indicates that the capacity is the same as it was in December 1997, while a value less than 1.0 indicates a degradation in performance. A value greater than 1.0 indicates that there is an increase in performance. Values between 0.9 and 1.2 indicate that there are no significant changes since December 1997. The "relative specific capacity" is a calculation that can be made on an active well, not requiring any shut-down period, and hence, is a useful ongoing relative measure of the performance of a well.

Figures 1 through 4 show the relative specific well capacity trends for all wells to date. As one would expect, the cleaning activities generally had little impact on the relative specific capacities of the extraction wells, except for EW1S-1 and EW1S-2 where the cleaning activities included physical brushing of the well screens and surging using an acid solution.

TABLE 1

SPECIFIC CAPACITY CALCULATIONS
FISHER-CALO SITE

Extraction Well: EW1N-1 Reference Elevation: 715.14 ft AMSL [1] Target Pumping Rate: 70.0 gpm

Piezometer: PZ1N-01 Reference Elevation: 715.27 ft AMSL

Date	*Flow Rate*	*Status* [2]	*EW1N-1 Water Level*		*PZ1N-01 Water Level*		*Draw Down From*		*Specific Capacity*	
							Static	*Piezometer*	*Traditional*	*Relative*
	(gpm)		*(ft BRE)* [3]	*(ft AMSL)*	*(ft BGS)*	*(ft AMSL)*	*(ft)*	*(ft)*	*(gpm/ft)*	
Original 2-hour Test [4]										
December 17, 1997	0.0	Static	8.97	[5]	9.68	[5]				
December 17, 1997	107.0	Full Open	12.45	[5]	10.86	[5]		2.30		1.00
Pre-Rehabilitation										
February 21, 2001	70.0	Target	12.34	702.80	10.63	704.64		1.84		0.82
May 15, 2001	70.0	Target	12.48	702.66	10.63	704.64		1.98		0.76
August 23, 2001	69.8	Target	12.61	702.53	10.67	704.60		2.07		0.72
November 6, 2001	68.1	Target	12.69	702.45	10.58	704.69		2.24		0.65
December 18, 2001	69.2	Target	12.80	702.34	10.61	704.66	4.10	2.32	16.88	0.64
December 19, 2001	0.0	Static	8.70	706.44	9.52	705.75				
Post-Rehabilitation										
December 28, 2001	83.3	Full Open	13.47	701.67	10.88	704.39	4.77	2.72	17.47	0.66
January 30, 2002	70.5	Target	12.76	702.38	10.60	704.67		2.29		0.66

Notes:

[1] ft AMSL - feet above mean sea level.

[2] Status: Full Open - Pump running at maximum flow rate for approximately 24 hours, unless otherwise noted.
Target - Pump running as close as possible to target flow rate for given well.
Static - Pump off for at least 18 hours.

[3] ft BRE - feet below reference elevation.

[4] A high capacity pump was used for this test. After 2 hours, water levels were still dropping in the extraction well. Specific Capacities can not be calculated.

[5] Wells were not surveyed until 2 months later after construction was complete. There is no record of what reference elevation was used during the 2-hour pumping test.

TABLE 1

SPECIFIC CAPACITY CALCULATIONS
FISHER-CALO SITE

Extraction Well: EW1N-2 Reference Elevation: 715.14 ft AMSL [1] Target Pumping Rate: 70.0 gpm
Piezometer: PZ1N-02 Reference Elevation: 715.13 ft AMSL

Date	*Flow Rate*	*Status* [2]	*EW1N-2 Water Level*		*PZ1N-02 Water Level*		*Draw Down From*		*Specific Capacity*	
	(gpm)		*(ft BRE)* [3]	*(ft AMSL)*	*(ft BGS)*	*(ft AMSL)*	*Static (ft)*	*Piezometer (ft)*	*Traditional (gpm/ft)*	*Relative*
Original 2-hour Test [4]										
December 18, 1997	0.0	Static	9.41	[5]	9.09	[5]				
December 18, 1997	108.0	Full Open	13.03	[5]	10.41	[5]		2.30		1.00
Pre-Rehabilitation										
February 21, 2001	70.0	Target	12.30	702.84	10.53	704.60		1.76		0.85
May 15, 2001	70.0	Target	12.87	702.27	10.71	704.42		2.15		0.69
August 23, 2001	70.4	Target	12.88	702.26	10.67	704.46		2.20		0.68
November 6, 2001	69.7	Target	13.10	702.04	10.65	704.48		2.44		0.61
December 18, 2001	69.6	Target	13.22	701.92	10.70	704.43	3.72	2.51	18.71	0.59
December 19, 2001	0.0	Static	9.50	705.64	9.52	705.61				
Post-Rehabilitation										
December 28, 2001	84.5	Full Open	14.10	701.04	10.99	704.14	4.60	3.10	18.37	0.58
January 30, 2002	68.8	Target	13.18	701.96	10.67	704.46		2.50		0.59

Notes:

[1] ft AMSL - feet above mean sea level.

[2] Status: Full Open - Pump running at maximum flow rate for approximately 24 hours, unless otherwise noted.
Target - Pump running as close as possible to target flow rate for given well.
Static - Pump off for at least 18 hours.

[3] ft BRE - feet below reference elevation.

[4] A high capacity pump was used for this test. After 2 hours, water levels were still dropping in the extraction well. Specific Capacities can not be calculated.

[5] Wells were not surveyed until 2 months later after construction was complete. There is no record of what reference elevation was used during the 2-hour pumping test.

TABLE 1

SPECIFIC CAPACITY CALCULATIONS
FISHER-CALO SITE

Extraction Well: EW1N-3 Reference Elevation: 715.95 ft AMSL [1] Target Pumping Rate: OFF gpm

Piezometer: PZ1N-03 Reference Elevation: 716.81 ft AMSL

Date	*Flow Rate*	*Status* [2]	*EW1N-3 Water Level*		*PZ1N-03 Water Level*		*Draw Down From*		*Specific Capacity*	
							Static	*Piezometer*	*Traditional*	*Relative*
	(gpm)		*(ft BRE)* [3]	*(ft AMSL)*	*(ft BGS)*	*(ft AMSL)*	*(ft)*	*(ft)*	*(gpm/ft)*	
Original 2-hour Test [4]										
December 18, 1997	0.0	Static	9.72	[5]	10.90	[5]				
December 18, 1997	109.0	Full Open	14.36	[5]	12.19	[5]		3.35		1.00
Pre-Rehabilitation										
December 19, 2001	0.0	Static	10.92	705.03	10.93	705.88				

Notes:

[1] ft AMSL - feet above mean sea level.

[2] Status: Full Open - Pump running at maximum flow rate for approximately 24 hours, unless otherwise noted.
Static - Pump off for at least 18 hours.

[3] ft BRE - feet below reference elevation.

[4] A high capacity pump was used for this test. After 2 hours, water levels were still dropping in the extraction well. Specific Capacities can not be calculated.

[5] Wells were not surveyed until 2 months later after construction was complete. There is no record of what reference elevation was used during the 2-hour pumping test.

TABLE 1

SPECIFIC CAPACITY CALCULATIONS
FISHER-CALO SITE

Extraction Well: EW1N-4 Reference Elevation: 718.71 ft AMSL [1] Target Pumping Rate: 75.0 gpm
Piezometer: PZ1N-08 Reference Elevation: 718.61 ft AMSL

Date	*Flow Rate*	*Status* [2]	*EW1N-4 Water Level*		*PZ1N-08 Water Level*		*Draw Down From*		*Specific Capacity*	
	(gpm)		*(ft BRE)* [3]	*(ft AMSL)*	*(ft BGS)*	*(ft AMSL)*	*Static (ft)*	*Piezometer (ft)*	*Traditional (gpm/ft)*	*Relative*
Original 2-hour Test										
January 11, 2000	0.0	Static	11.86	706.85	11.77	706.94				
January 11, 2000	120.0	Full Open	21.88	696.83	12.84	705.87		8.95		1.00
January 12, 2000	120.0	Full Open [4]	22.61	696.10	13.43	705.28	10.75		11.16	
Pre-Rehabilitation										
February 21, 2001	75.0	Target	18.67	700.04	12.88	705.73		5.69		0.98
May 15, 2001	75.0	Target	19.24	699.47	13.01	705.60		6.13		0.91
August 23, 2001	74.8	Target	18.95	699.76	13.06	705.55		5.79		0.96
November 6, 2001	80.3	Target	19.42	699.29	12.96	705.65		6.36		0.94
December 18, 2001	75.0	Target	19.08	699.63	13.00	705.61	7.03	5.98	10.67	0.94
December 19, 2001	0.0	Static	12.05	706.66	11.95	706.66				
Post-Rehabilitation										
December 28, 2001	112.9	Full Open	22.86	695.85	NA [5]		10.81		10.44	
January 30, 2002	75.0	Target	19.12	699.59	13.08	705.53		5.94		0.94

Notes:
[1] ft AMSL - feet above mean sea level.
[2] Status: Full Open - Pump running at maximum flow rate for approximately 24 hours, unless otherwise noted.
Target - Pump running as close as possible to target flow rate for given well.
Static - Pump off for at least 18 hours.
[3] ft BRE - feet below reference elevation.
[4] End of 24-hour pumping test.
[5] Not Available.

TABLE 1

SPECIFIC CAPACITY CALCULATIONS
FISHER-CALO SITE

Extraction Well: EW1S-1 Reference Elevation: 712.26 ft AMSL [1] Target Pumping Rate: 80.0 gpm
Piezometer: PZ1S-01 Reference Elevation: 712.67 ft AMSL

Date	*Flow Rate*	*Status* [2]	*EW1S-1 Water Level*		*PZ1S-01 Water Level*		*Draw Down From*		*Specific Capacity*	
	(gpm)		*(ft BRE)* [3]	*(ft AMSL)*	*(ft BGS)*	*(ft AMSL)*	*Static (ft)*	*Piezometer (ft)*	*Traditional (gpm/ft)*	*Relative*
Original 2-hour Test [4]										
December 17, 1997	0.0	Static	8.62	[5]	9.01	[5]				
December 17, 1997	110.0	Full Open	12.07	[5]	10.60	[5]		1.86		1.00
Pre-Rehabilitation										
February 21, 2001	80.0	Target	12.38	699.88	11.07	701.60		1.72		0.79
May 15, 2001	80.0	Target	12.77	699.49	11.11	701.56		2.07		0.65
August 23, 2001	76.5	Target	12.12	700.14	10.47	702.20		2.06		0.63
November 6, 2001	78.6	Target	13.15	699.11	11.00	701.67		2.56		0.52
December 10, 2001	75.0	Target	13.14	699.12	11.03	701.64	4.03	2.52	18.61	0.50
December 10, 2001	75.0	Full Open [6]	13.13	699.13	11.03	701.64		2.51		0.51
December 13, 2001	0.0	Static	9.11	703.15	9.54	703.13				
Post-Rehabilitation										
December 19, 2001	82.6	Full Open	12.23	700.03	11.00	701.67	3.12	1.64	26.46	0.85
January 30, 2002	80.0	Target	12.21	700.05	11.06	701.61		1.56		0.87

Notes:

[1] ft AMSL - feet above mean sea level.

[2] Status: Full Open - Pump running at maximum flow rate for approximately 24 hours, unless otherwise noted.
Target - Pump running as close as possible to target flow rate for given well.
Static - Pump off for at least 18 hours.

[3] ft BRE - feet below reference elevation.

[4] A high capacity pump was used for this test. After 2 hours, water levels were still dropping in the extraction well. Specific Capacities can not be calculated.

[5] Wells were not surveyed until 2 months later after construction was complete. There is no record of what reference elevation was used during the 2-hour pumping test.

[6] Wells were full-open for a few minutes only. Data not suitable for determining the traditional Specific Capacity.

TABLE 1

SPECIFIC CAPACITY CALCULATIONS
FISHER-CALO SITE

Extraction Well: EW1S-2 Reference Elevation: 712.37 ft AMSL [1] Target Pumping Rate: 80.0 gpm

Piezometer: PZ1S-02 Reference Elevation: 713.34 ft AMSL

Date	*Flow Rate*	*Status* [2]	*EW1S-2 Water Level*		*PZ1S-02 Water Level*		*Draw Down From*		*Specific Capacity*	
							Static	*Piezometer*	*Traditional*	*Relative*
	(gpm)		*(ft BRE)* [3]	*(ft AMSL)*	*(ft BGS)*	*(ft AMSL)*	*(ft)*	*(ft)*	*(gpm/ft)*	
Original 2-hour Test [4]										
December 17, 1997	0.0	Static	8.76	[5]	9.72	[5]				
December 17, 1997	108.0	Full Open	12.63	[5]	11.50	[5]		2.09		1.00
Pre-Rehabilitation										
February 21, 2001	80.0	Target	13.40	698.97	12.40	700.94		1.97		0.79
May 15, 2001	80.0	Target	13.68	698.69	12.40	700.94		2.25		0.69
August 23, 2001	76.3	Target	13.43	698.94	11.73	701.61		2.67		0.55
November 6, 2001	80.4	Target	14.95	697.42	12.30	701.04		3.62		0.43
December 10, 2001	80.0	Target	15.25	697.12	12.39	700.95	4.75	3.83	16.84	0.40
December 10, 2001	82.0	Full Open [6]	15.38	696.99	12.41	700.93		3.94		0.40
December 13, 2001	0.0	Static	10.50	701.87						
Post-Rehabilitation										
December 19, 2001	86.1	Full Open	13.13	699.24	12.28	701.06	2.63	1.82	32.75	0.92
January 30, 2002	80.0	Target	13.13	699.24	12.37	700.97		1.73		0.89

Notes:

[1] ft AMSL - feet above mean sea level.

[2] Status: Full Open - Pump running at maximum flow rate for approximately 24 hours, unless otherwise noted.
Target - Pump running as close as possible to target flow rate for given well.
Static - Pump off for at least 18 hours.

[3] ft BRE - feet below reference elevation.

[4] A high capacity pump was used for this test. After 2 hours, water levels were still dropping in the extraction well. Specific Capacities can not be calculated.

[5] Wells were not surveyed until 2 months later after construction was complete. There is no record of what reference elevation was used during the 2-hour pumping test.

[6] Wells were full-open for a few minutes only. Data not suitable for determining the traditional Specific Capacity.

TABLE 1

SPECIFIC CAPACITY CALCULATIONS
FISHER-CALO SITE

Extraction Well: EW1S-3 Reference Elevation: 712.85 ft AMSL [1] Target Pumping Rate: 80.0 gpm
Piezometer: PZ1S-03 Reference Elevation: 713.32 ft AMSL

Date	*Flow Rate*	*Status* [2]	*EW1S-3 Water Level*		*PZ1S-03 Water Level*		*Draw Down From*		*Specific Capacity*	
							Static	*Piezometer*	*Traditional*	*Relative*
	(gpm)		*(ft BRE)* [3]	*(ft AMSL)*	*(ft BGS)*	*(ft AMSL)*	*(ft)*	*(ft)*	*(gpm/ft)*	
Original 2-hour Test [4]										
December 16, 1997	0.0	Static	9.67	[5]	10.15	[5]				
December 16, 1997	108.0	Full Open	13.05	[5]	11.71	[5]		1.82		1.00
1999 Rehabilitation										
April 13, 1999	86.3	Full Open	15.81	697.04	12.23	701.09	5.47	4.05	15.77	0.36
April 15, 1999	0.0	Static	10.34	702.51						
April 19, 1999	85.3	Target	13.41	699.44	12.13	701.19	3.07	1.75	27.79	0.82
Pre-Rehabilitation										
February 21, 2001	80.0	Target	14.16	698.69	12.54	700.78		2.09		0.65
May 15, 2001	75.5	Target	14.00	698.85	12.44	700.88		2.03		0.63
August 23, 2001	80.1	Target	13.55	699.30	11.93	701.39		2.09		0.65
November 6, 2001	79.1	Target	14.00	698.85	12.40	700.92		2.07		0.64
December 10, 2001	77.0	Target	14.16	698.69	12.48	700.84	3.86	2.15	19.95	0.60
December 10, 2001	77.0	Full Open [6]	14.15	698.70	12.48	700.84		2.14		0.61
December 13, 2001	0.0	Static	10.30	702.55	10.75	702.57				
Post-Rehabilitation										
December 19, 2001	83.8	Full Open	14.21	698.64	12.44	700.88	3.91	2.24	21.42	0.63
January 30, 2002	80.0	Target	14.29	698.56	12.59	700.73		2.17		0.62

Notes:

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

(2) Status: Full Open - Pump running at maximum flow rate for approximately 24 hours, unless otherwise noted.
Target - Pump running as close as possible to target flow rate for given well.
Static - Pump off for at least 18 hours.

(3) ft BRE - feet below reference elevation.

(4) A high capacity pump was used for this test. After 2 hours, water levels were still dropping in the extraction well. Specific Capacities can not be calculated.

(5) Wells were not surveyed until 2 months later after construction was complete. There is no record of what reference elevation was used during the 2-hour pumping test.

(6) Wells were full-open for a few minutes only. Data not suitable for determining the traditional Specific Capacity.

10027Memo24-Tb1.xls

TABLE 1

SPECIFIC CAPACITY CALCULATIONS
FISHER-CALO SITE

Extraction Well: EW1S-4 Reference Elevation: 711.87 ft AMSL [1] Target Pumping Rate: 70.0 gpm
Piezometer: PZ1S-04 Reference Elevation: 712.78 ft AMSL

Date	*Flow Rate*	*Status* [2]	*EW1S-4 Water Level*		*PZ1S-04 Water Level*		*Draw Down From*		*Specific Capacity*	
							Static	*Piezometer*	*Traditional*	*Relative*
	(gpm)		*(ft BRE)* [3]	*(ft AMSL)*	*(ft BGS)*	*(ft AMSL)*	*(ft)*	*(ft)*	*(gpm/ft)*	
Original 2-hour Test [4]										
December 16, 1997	0.0	Static	9.05	[5]	9.95	[5]				
December 16, 1997	108.0	Full Open	12.86	[5]	11.78	[5]		1.98		1.00
1999 Rehabilitation										
April 13, 1999	101.8	Full Open	13.35	698.52	12.31	700.47	3.90	1.95	26.09	0.96
April 16, 1999	0.0	Static	9.45	702.42						
April 22, 1999	101.8	Target	12.81	699.06	12.02	700.76	3.36	1.70	30.28	1.10
Pre-Rehabilitation										
February 21, 2001	70.0	Target	12.61	699.26	12.10	700.68		1.42		0.90
May 15, 2001	70.0	Target	12.64	699.23	12.12	700.66		1.43		0.90
August 23, 2001	69.5	Target	12.11	699.76	11.57	701.21		1.45		0.88
November 6, 2001	69.8	Target	12.56	699.31	11.98	700.80		1.49		0.86
December 10, 2001	70.0	Target	12.72	699.15	12.11	700.67	3.17	1.52	22.08	0.84
December 10, 2001	77.0	Full Open [6]	12.95	698.92	12.20	700.58		1.66		0.85
December 13, 2001	0.0	Static	9.55	702.32	10.48	702.30				
Post-Rehabilitation										
December 19, 2001	83.3	Full Open	13.06	698.81	12.25	700.53	3.51	1.72	23.72	0.89
January 30, 2002	70.0	Target	12.78	699.09	12.18	700.60		1.51		0.85

Notes:

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

(2) Status: Full Open - Pump running at maximum flow rate for approximately 24 hours, unless otherwise noted.
Target - Pump running as close as possible to target flow rate for given well.
Static - Pump off for at least 18 hours.

(3) ft BRE - feet below reference elevation.

(4) A high capacity pump was used for this test. After 2 hours, water levels were still dropping in the extraction well. Specific Capacities can not be calculated.

(5) Wells were not surveyed until 2 months later after construction was complete. There is no record of what reference elevation was used during the 2-hour pumping test.

(6) Wells were full-open for a few minutes only. Data not suitable for determining the traditional Specific Capacity.

10027Memo24-Tb1.xls

TABLE 1

SPECIFIC CAPACITY CALCULATIONS
FISHER-CALO SITE

Extraction Well: EW2N-1 Reference Elevation: 731.08 ft AMSL [1] Target Pumping Rate: OFF gpm

Piezometer: PZ2N-01 Reference Elevation: 732.54 ft AMSL

Date	*Flow Rate*	*Status* [2]	*EW2N-1 Water Level*		*PZ2N-01 Water Level*		*Draw Down From*		*Specific Capacity*	
							Static	*Piezometer*	*Traditional*	*Relative*
	(gpm)		*(ft BRE)* [3]	*(ft AMSL)*	*(ft BGS)*	*(ft AMSL)*	*(ft)*	*(ft)*	*(gpm/ft)*	
Original 2-hour Test [4]										
December 16, 1997	0.0	Static	19.35	[5]	20.57	[5]				
December 16, 1997	105.0	Full Open	22.36	[5]	21.61	[5]		1.97		1.00
Pre-Rehabilitation										
December 13, 2001	0.0	Static	21.55	709.53	21.02	711.52				
Post-Rehabilitation										

Notes:

[1] ft AMSL - feet above mean sea level.

[2] Status: Full Open - Pump running at maximum flow rate for approximately 24 hours, unless otherwise noted.
Static - Pump off for at least 18 hours.

[3] ft BRE - feet below reference elevation.

[4] A high capacity pump was used for this test. After 2 hours, water levels were still dropping in the extraction well. Specific Capacities can not be calculated.

[5] Wells were not surveyed until 2 months later after construction was complete. There is no record of what reference elevation was used during the 2-hour pumping test.

TABLE 1

SPECIFIC CAPACITY CALCULATIONS
FISHER-CALO SITE

Extraction Well: EW2N-2 Reference Elevation: 726.04 ft AMSL [1] Target Pumping Rate: 57.5 gpm
Piezometer: PZ2N-02 Reference Elevation: 726.27 ft AMSL

Date	*Flow Rate*	*Status* [2]	*EW2N-2 Water Level*		*PZ2N-02 Water Level*		*Draw Down From*		*Specific Capacity*	
	(gpm)		*(ft BRE)* [3]	*(ft AMSL)*	*(ft BGS)*	*(ft AMSL)*	*Static (ft)*	*Piezometer (ft)*	*Traditional (gpm/ft)*	*Relative*
Original 2-hour Test [4]										
December 15, 1997	0.0	Static	14.52	[5]	14.98	[5]				
December 15, 1997	107.0	Full Open	17.39	[5]	16.15	[5]		1.70		1.00
Pre-Rehabilitation										
February 21, 2001	57.5	Target	19.22	706.82	18.49	707.78		0.96		0.95
May 15, 2001	57.5	Target	18.61	707.43	17.82	708.45		1.02		0.90
August 23, 2001	56.5	Target	18.32	707.72	17.59	708.68		0.96		0.94
November 6, 2001	55.1	Target	18.69	707.35	17.92	708.35		1.00		0.88
December 11, 2001	54.6	Target	18.67	707.37	17.90	708.37	1.95	1.00	28.00	0.87
December 13, 2001	0.0	Static	16.72	709.32	16.95	709.32				
December 14, 2001	57.5	Target	18.63	707.41	17.82	708.45	1.91	1.04	30.10	0.88
Post-Rehabilitation										
January 30, 2002	57.5	Target	18.90	707.14	18.08	708.19		1.05		0.87
January 30, 2002	63.8	Full Open [6]	19.07	706.97	18.16	708.11		1.14		0.89

Notes:

[1] ft AMSL - feet above mean sea level.

[2] Status: Full Open - Pump running at maximum flow rate for approximately 24 hours, unless otherwise noted.
Target - Pump running as close as possible to target flow rate for given well.
Static - Pump off for at least 18 hours.

[3] ft BRE - feet below reference elevation.

[4] A high capacity pump was used for this test. After 2 hours, water levels were still dropping in the extraction well. Specific Capacities can not be calculated.

[5] Wells were not surveyed until 2 months later after construction was complete. There is no record of what reference elevation was used during the 2-hour pumping test.

[6] Wells were full-open for a few minutes only. Data not suitable for determining the traditional Specific Capacity.

TABLE 1

SPECIFIC CAPACITY CALCULATIONS
FISHER-CALO SITE

Extraction Well: EW2N-3 Reference Elevation: 722.34 ft AMSL [1] Target Pumping Rate: 57.5 gpm

Piezometer: PZ2N-03 Reference Elevation: 723.43 ft AMSL

Date	*Flow Rate*	*Status* [2]	*EW2N-3 Water Level*		*PZ2N-03 Water Level*		*Draw Down From*		*Specific Capacity*	
							Static	*Piezometer*	*Traditional*	*Relative*
	(gpm)		*(ft BRE)* [3]	*(ft AMSL)*	*(ft BGS)*	*(ft AMSL)*	*(ft)*	*(ft)*	*(gpm/ft)*	
Original 2-hour Test [4]										
December 15, 1997	0.0	Static	10.73	[5]	11.51	[5]				
December 15, 1997	100.0	Full Open	16.63	[5]	12.62	[5]		4.79		1.00
Pre-Rehabilitation										
February 21, 2001	57.5	Target	16.94	705.40	15.75	707.68		2.28		1.21
May 15, 2001	57.5	Target	16.35	705.99	15.09	708.34		2.35		1.17
August 23, 2001	57.3	Target	16.08	706.26	14.92	708.51		2.25		1.22
November 6, 2001	53.4	Target	16.32	706.02	15.16	708.27		2.25		1.14
December 11, 2001	52.0	Target	16.19	706.15	15.14	708.29	3.22	2.14	16.15	1.16
December 13, 2001	0.0	Static	12.97	709.37	14.08	709.35				
December 14, 2001	57.5	Target	16.35	705.99	15.06	708.37	3.38	2.38	17.01	1.16
Post-Rehabilitation										
January 30, 2002	57.5	Target	16.60	705.74	15.36	708.07		2.33		1.18
January 30, 2002	62.3	Full Open [6]	16.86	705.48	15.41	708.02		2.54		1.17

Notes:

[1] ft AMSL - feet above mean sea level.

[2] Status: Full Open - Pump running at maximum flow rate for approximately 24 hours, unless otherwise noted.
Target - Pump running as close as possible to target flow rate for given well.
Static - Pump off for at least 18 hours.

[3] ft BRE - feet below reference elevation.

[4] A high capacity pump was used for this test. After 2 hours, water levels were still dropping in the extraction well. Specific Capacities can not be calculated.

[5] Wells were not surveyed until 2 months later after construction was complete. There is no record of what reference elevation was used during the 2-hour pumping test.

[6] Wells were full-open for a few minutes only. Data not suitable for determining the traditional Specific Capacity.

TABLE 1

SPECIFIC CAPACITY CALCULATIONS
FISHER-CALO SITE

Extraction Well: EW2N-4 Reference Elevation: 727.12 ft AMSL [1] Target Pumping Rate: 75.0 gpm

Piezometer: PZ2N-04 Reference Elevation: 727.28 ft AMSL

Date	*Flow Rate*	*Status* [2]	*EW2N-4 Water Level*		*PZ2N-04 Water Level*		*Draw Down From*		*Specific Capacity*	
							Static	*Piezometer*	*Traditional*	*Relative*
	(gpm)		*(ft BRE)* [3]	*(ft AMSL)*	*(ft BGS)*	*(ft AMSL)*	*(ft)*	*(ft)*	*(gpm/ft)*	
Original 2-hour Test [4]										
December 12, 1997	0.0	Static	14.95	[5]	15.09	[5]				
December 12, 1997	105.0	Full Open	18.98	[5]	16.83	[5]		2.29		1.00
Pre-Rehabilitation										
February 21, 2001	74.0	Target	21.62	705.50	19.95	707.33		1.83		0.88
May 15, 2001	70.0	Target	21.05	706.07	19.26	708.02		1.95		0.78
August 23, 2001	72.7	Target	21.13	705.99	19.09	708.19		2.20		0.72
November 6, 2001	71.8	Target	21.46	705.66	19.46	707.82		2.16		0.72
December 11, 2001	69.3	Target	21.28	705.84	19.36	707.92	3.66	2.08	18.93	0.73
December 13, 2001	0.0	Static	17.62	709.50	17.80	709.48				
December 14, 2001	75.0	Target	21.48	705.64	19.32	707.96	3.86	2.32	19.43	0.71
Post-Rehabilitation										
January 30, 2002	75.0	Target	21.72	705.40	19.65	707.63		2.23		0.73
January 30, 2002	75.0	Full Open [6]								

Notes:

[1] ft AMSL - feet above mean sea level.

[2] Status: Full Open - Pump running at maximum flow rate for approximately 24 hours, unless otherwise noted.
Target - Pump running as close as possible to target flow rate for given well.
Static - Pump off for at least 18 hours.

[3] ft BRE - feet below reference elevation.

[4] A high capacity pump was used for this test. After 2 hours, water levels were still dropping in the extraction well. Specific Capacities can not be calculated.

[5] Wells were not surveyed until 2 months later after construction was complete. There is no record of what reference elevation was used during the 2-hour pumping test.

[6] Wells were full-open for a few minutes only. Data not suitable for determining the traditional Specific Capacity.

TABLE 1

SPECIFIC CAPACITY CALCULATIONS
FISHER-CALO SITE

Extraction Well: EWSL-1 Reference Elevation: 725.11 ft AMSL [1] Target Pumping Rate: 35.0 gpm

Piezometer: PZSL-01 Reference Elevation: 725.77 ft AMSL

Date	Flow Rate	Status [2]	EWSL-1 Water Level		PZSL-01 Water Level		Draw Down From		Specific Capacity	
							Static	Piezometer	Traditional	Relative
	(gpm)		(ft BRE) [3]	(ft AMSL)	(ft BGS)	(ft AMSL)	(ft)	(ft)	(gpm/ft)	
Original 2-hour Test [4]										
December 18, 1997	0.0	Static	6.70	[5]	7.09	[5]				
December 18, 1997	109.0	Full Open	10.62	[5]	8.70	[5]		2.31		1.00
Pre-Rehabilitation										
February 21, 2001	35.0	Target	11.10	714.01	10.97	714.80		0.79		0.94
May 15, 2001	35.0	Target	10.23	714.88	10.10	715.67		0.79		0.94
August 23, 2001	32.3	Target	10.39	714.72	10.31	715.46		0.74		0.93
November 6, 2001	31.7	Target	10.48	714.63	10.49	715.28		0.65		1.03
December 12, 2001	29.3	Target	10.32	714.79	10.35	715.42	1.22	0.63	23.98	0.98
December 14, 2001	0.0	Static	9.10	716.01	9.75	716.02				
Post-Rehabilitation										
December 18, 2001	42.0	Full Open	10.92	714.19	10.93	714.84	1.82	0.65	23.08	1.37
January 30, 2002	35.0	Target	10.65	714.46	10.55	715.22		0.76		0.98

Notes:

[1] ft AMSL - feet above mean sea level.

[2] Status: Full Open - Pump running at maximum flow rate for approximately 24 hours, unless otherwise noted.
Target - Pump running as close as possible to target flow rate for given well.
Static - Pump off for at least 18 hours.

[3] ft BRE - feet below reference elevation.

[4] A high capacity pump was used for this test. After 2 hours, water levels were still dropping in the extraction well. Specific Capacities can not be calculated.

[5] Wells were not surveyed until 2 months later after construction was complete. There is no record of what reference elevation was used during the 2-hour pumping test.

TABLE 1

SPECIFIC CAPACITY CALCULATIONS
FISHER-CALO SITE

Extraction Well: EWSL-2 Reference Elevation: 728.28 ft AMSL [1] Target Pumping Rate: 32.5 gpm

Piezometer: PZSL-02 Reference Elevation: 729.42 ft AMSL

Date	*Flow Rate*	*Status* [2]	*EWSL-2 Water Level*		*PZSL-02 Water Level*		*Draw Down From*		*Specific Capacity*	
							Static	*Piezometer*	*Traditional*	*Relative*
	(gpm)		*(ft BRE)* [3]	*(ft AMSL)*	*(ft BGS)*	*(ft AMSL)*	*(ft)*	*(ft)*	*(gpm/ft)*	
Original 2-hour Test [4]										
December 18, 1997	0.0	Static	9.70	[5]	10.68	[5]				
December 18, 1997	110.0	Full Open	13.61	[5]	12.12	[5]		2.47		1.00
Pre-Rehabilitation										
February 21, 2001	32.5	Target	14.36	713.92	14.68	714.74		0.82		0.89
May 15, 2001	32.5	Target	13.45	714.83	13.81	715.61		0.78		0.94
August 23, 2001	28.1	Target	13.56	714.72	14.02	715.40		0.68		0.93
November 6, 2001	27.4	Target	13.76	714.52	14.19	715.23		0.71		0.86
December 12, 2001	24.8	Target	13.51	714.77	14.05	715.37	1.20	0.60	20.67	0.93
December 14, 2001	0.0	Static	12.31	715.97	13.48	715.94				
Post-Rehabilitation										
December 18, 2001	44.5	Full Open	14.40	713.88	14.42	715.00	2.09	1.12	21.29	0.89
January 30, 2002	32.0	Target	13.96	714.32	14.28	715.14		0.82		0.88

Notes:

[1] ft AMSL - feet above mean sea level.

[2] Status: Full Open - Pump running at maximum flow rate for approximately 24 hours, unless otherwise noted.
Target - Pump running as close as possible to target flow rate for given well.
Static - Pump off for at least 18 hours.

[3] ft BRE - feet below reference elevation.

[4] A high capacity pump was used for this test. After 2 hours, water levels were still dropping in the extraction well. Specific Capacities can not be calculated.

[5] Wells were not surveyed until 2 months later after construction was complete. There is no record of what reference elevation was used during the 2-hour pumping test.

TABLE 1

SPECIFIC CAPACITY CALCULATIONS
FISHER-CALO SITE

Extraction Well: EWSL-3 Reference Elevation: 723.82 ft AMSL [1] Target Pumping Rate: 25.0 gpm
Piezometer: PZSL-03 Reference Elevation: 724.39 ft AMSL

Date	*Flow Rate*	*Status* [2]	*EWSL-3 Water Level*		*PZSL-03 Water Level*		*Draw Down From*		*Specific Capacity*	
	(gpm)		*(ft BRE)* [3]	*(ft AMSL)*	*(ft BGS)*	*(ft AMSL)*	*Static (ft)*	*Piezometer (ft)*	*Traditional (gpm/ft)*	*Relative*
Original 2-hour Test [4]										
December 19, 1997	0.0	Static	7.05	[5]	7.54	[5]				
December 19, 1997	110.0	Full Open	10.67	[5]	8.98	[5]		2.18		1.00
Pre-Rehabilitation										
February 21, 2001	25.0	Target	10.82	713.00	10.92	713.47		0.47		1.05
May 15, 2001	25.0	Target	10.03	713.79	10.08	714.31		0.52		0.95
August 23, 2001	25.1	Target	10.47	713.35	10.41	713.98		0.63		0.79
November 6, 2001	24.2	Target	10.51	713.31	10.59	713.80		0.49		0.98
December 12, 2001	24.7	Target	10.47	713.35	10.55	713.84	0.97	0.49	25.46	1.00
December 14, 2001	0.0	Static	9.50	714.32	10.05	714.34				
Post-Rehabilitation										
December 18, 2001	27.0	Full Open	10.59	713.23	10.59	713.80	1.09	0.57	24.77	0.94
January 30, 2002	25.0	Target	10.45	713.37	10.51	713.88		0.51		0.97

Notes:

[1] ft AMSL - feet above mean sea level.

[2] Status: Full Open - Pump running at maximum flow rate for approximately 24 hours, unless otherwise noted.
Target - Pump running as close as possible to target flow rate for given well.
Static - Pump off for at least 18 hours.

[3] ft BRE - feet below reference elevation.

[4] A high capacity pump was used for this test. After 2 hours, water levels were still dropping in the extraction well. Specific Capacities can not be calculated.

[5] Wells were not surveyed until 2 months later after construction was complete. There is no record of what reference elevation was used during the 2-hour pumping test.

TABLE 1

SPECIFIC CAPACITY CALCULATIONS
FISHER-CALO SITE

Extraction Well: EWSL-4 Reference Elevation: 727.87 ft AMSL [1] Target Pumping Rate: 25.0 gpm

Piezometer: PZSL-04 Reference Elevation: 728.23 ft AMSL

Date	*Flow Rate*	*Status* [2]	*EWSL-4 Water Level*		*PZSL-04 Water Level*		*Draw Down From*		*Specific Capacity*	
							Static	*Piezometer*	*Traditional*	*Relative*
	(gpm)		*(ft BRE)* [3]	*(ft AMSL)*	*(ft BGS)*	*(ft AMSL)*	*(ft)*	*(ft)*	*(gpm/ft)*	
Original 2-hour Test [4]										
December 19, 1997	0.0	Static	11.21	[5]	11.38	[5]				
December 19, 1997	107.0	Full Open	14.45	[5]	12.61	[5]		2.01		1.00
Pre-Rehabilitation										
February 21, 2001	25.0	Target	14.95	712.92	14.83	713.40		0.48		0.98
May 15, 2001	25.0	Target	14.07	713.80	13.96	714.27		0.47		1.00
August 23, 2001	25.7	Target	14.35	713.52	14.31	713.92		0.40		1.21
November 6, 2001	24.8	Target	14.68	713.19	14.52	713.71		0.52		0.90
December 12, 2001	24.7	Target	14.57	713.30	14.44	713.79	0.99	0.49	24.97	0.95
December 14, 2001	0.0	Static	13.58	714.29	13.95	714.28				
Post-Rehabilitation										
December 18, 2001	40.5	Full Open	15.05	712.82	14.59	713.64	1.47	0.82	27.55	0.93
January 30, 2002	25.0	Target	14.53	713.34	14.41	713.82		0.48		0.98

Notes:

[1] ft AMSL - feet above mean sea level.

[2] Status: Full Open - Pump running at maximum flow rate for approximately 24 hours, unless otherwise noted.
Target - Pump running as close as possible to target flow rate for given well.
Static - Pump off for at least 18 hours.

[3] ft BRE - feet below reference elevation.

[4] A high capacity pump was used for this test. After 2 hours, water levels were still dropping in the extraction well. Specific Capacities can not be calculated.

[5] Wells were not surveyed until 2 months later after construction was complete. There is no record of what reference elevation was used during the 2-hour pumping test.

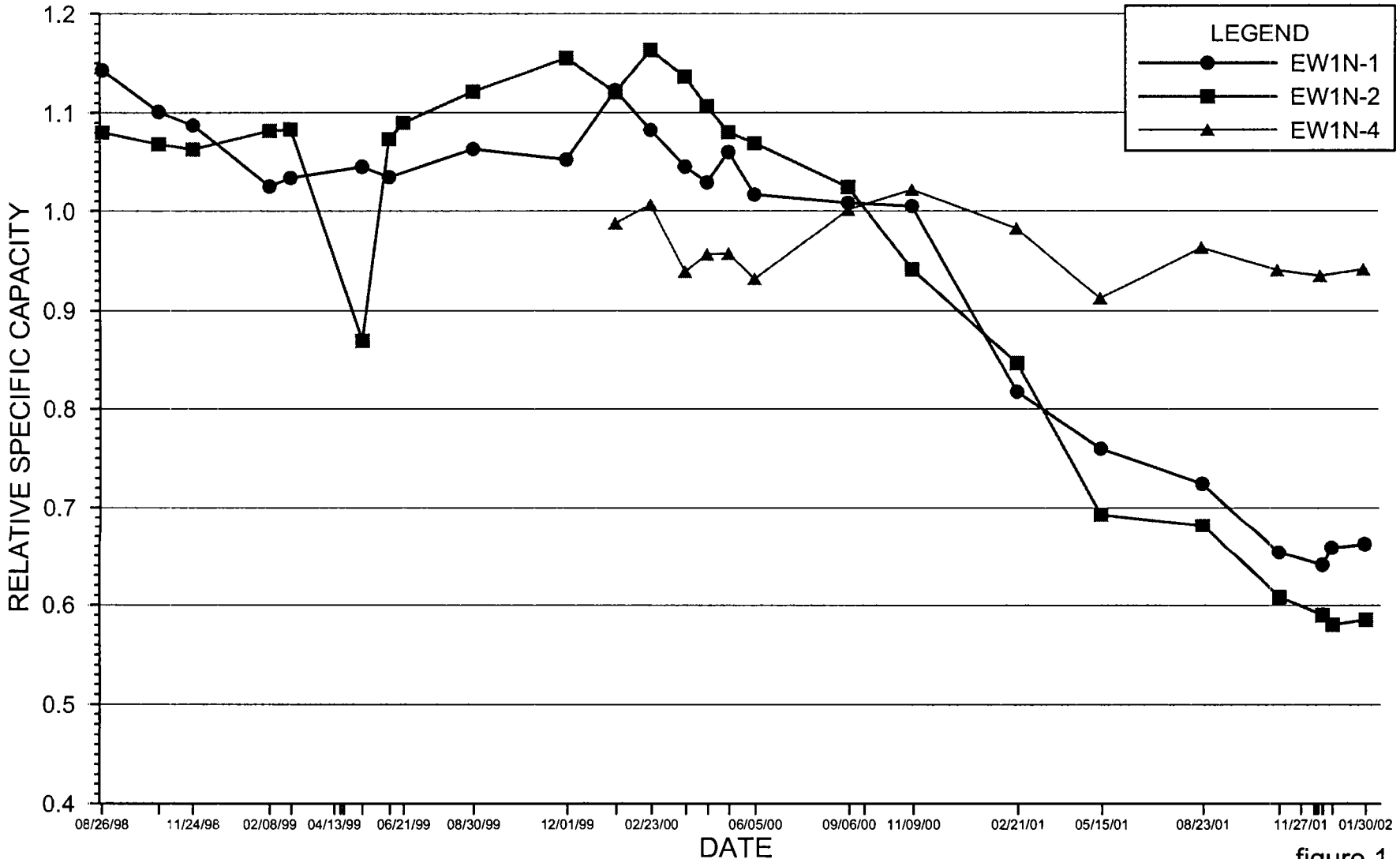

figure 1

RELATIVE SPECIFIC CAPACITY
ONE LINE ROAD NORTH
Fisher-Calo Site

10027-20(MEMO024)GN-WA-HYD (N:\HEG\10027\grapher\1LN.grf) FEB 04/2002

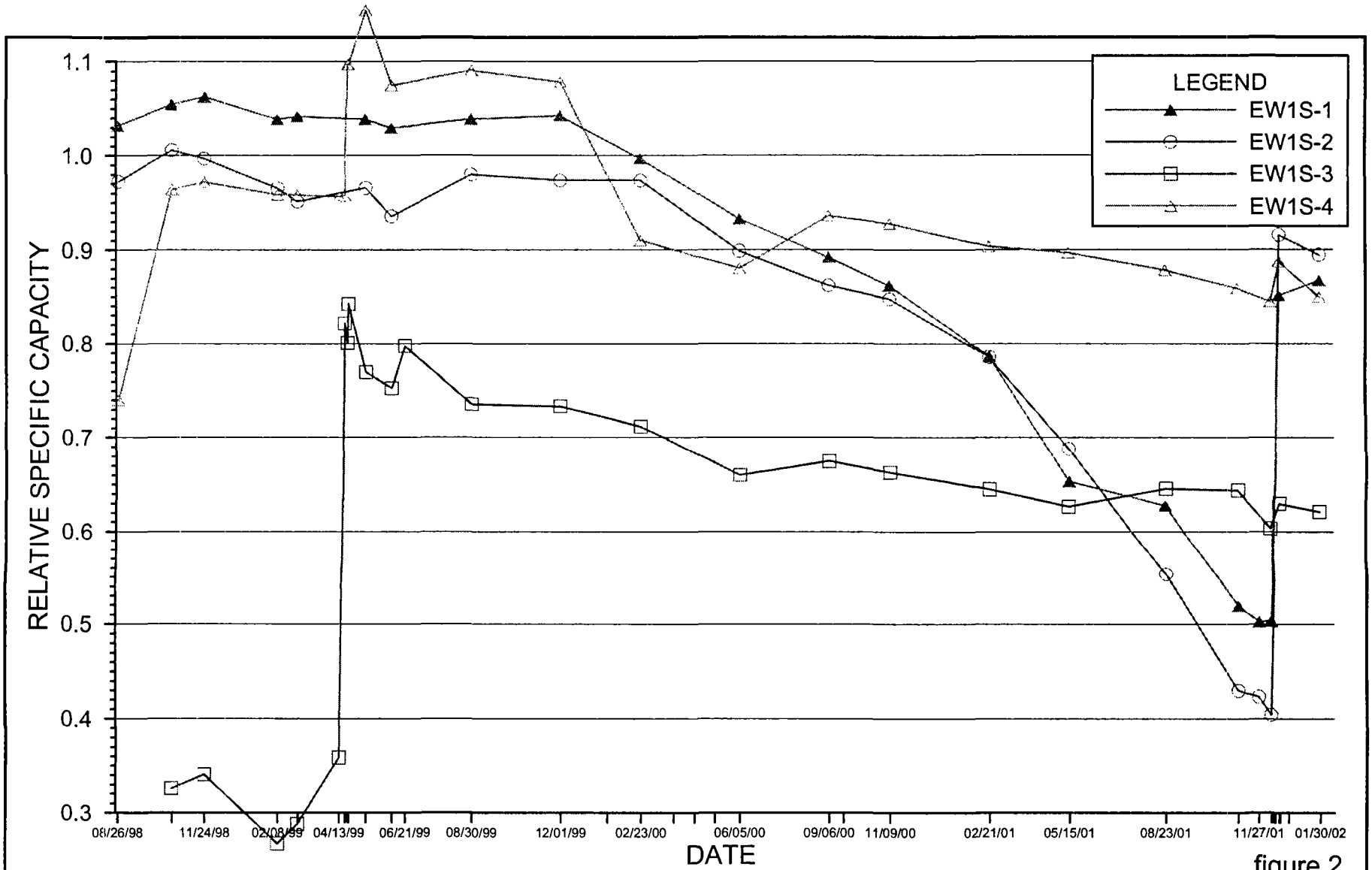

figure 2

RELATIVE SPECIFIC CAPACITY
ONE LINE ROAD SOUTH
Fisher-Calo Site

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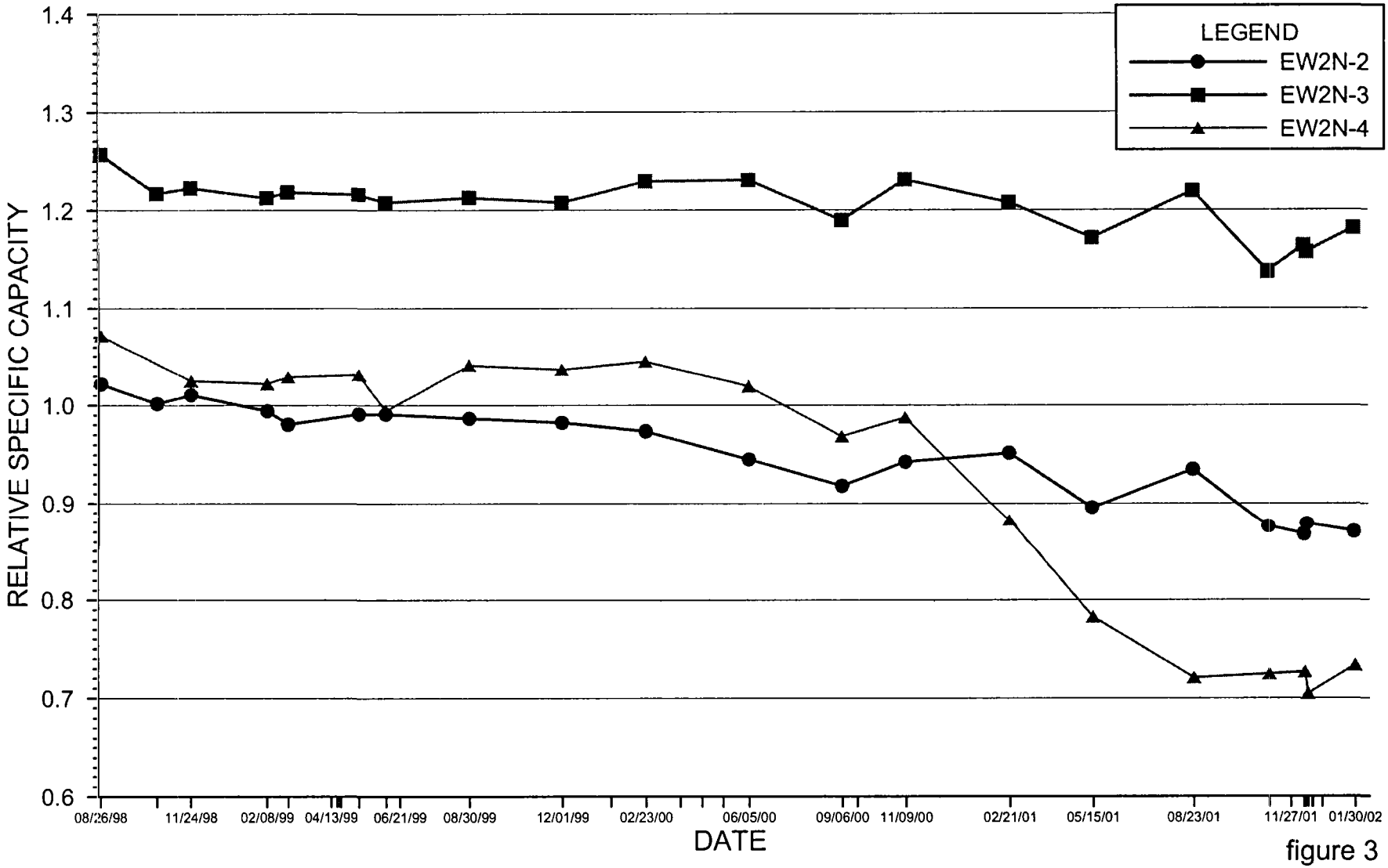


figure 3

RELATIVE SPECIFIC CAPACITY
TWO LINE ROAD NORTH
Fisher-Calo Site

10027-20(MEMO024)GN-WA-HYD (N:\HEG\10027\grapher\2LN.grf) FEB 04/2002

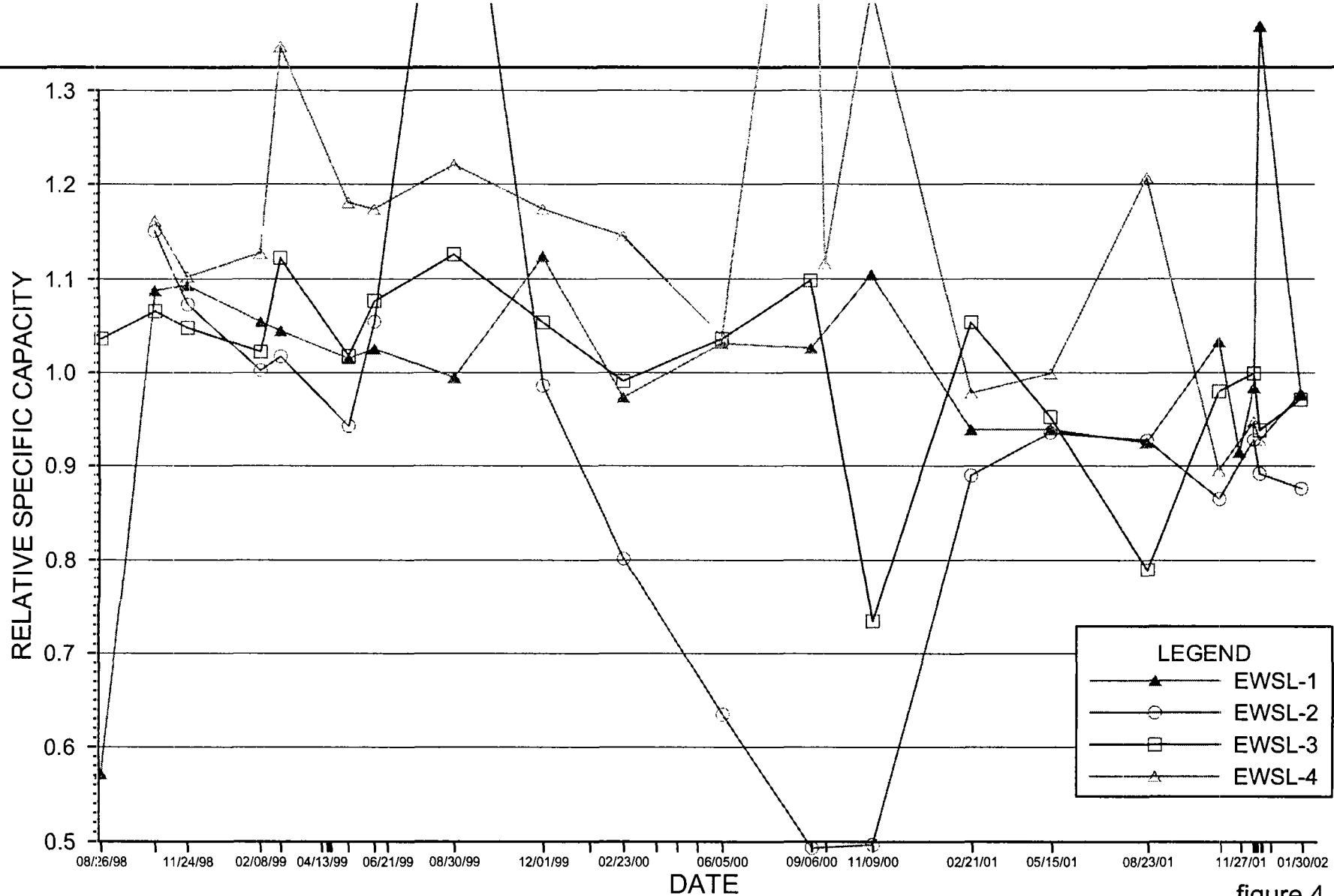


figure 4

RELATIVE SPECIFIC CAPACITY
SPACE LEASING AREA
Fisher-Calo Site

10027-20(MEMO024)GN-WA-HYD (N:\HEG\10027\grapher\SL.grf) FEB 04/2002

ATTACHMENT II

DATA REVIEW AND VALIDATION MEMO
TREATMENT PLANT MONITORING

LFR
LEVINE•FRICKE

Date: July 1, 2002

INTEROFFICE MEMORANDUM

To: Wei-Lin Feng

From: Dale Ellingson

Subject: **DATA QUALITY ASSESSMENT AND VALIDATION FOR THE SAMPLES COLLECTED FROM THE WATER TREATMENT PLANT AT THE FISHER-CALO SITE IN KINGSBURY, INDIANA**

LFR assessed the data quality and validated the data from the water treatment plant influent and effluent samples collected on April 12, 2002 from the Fisher-Calo Site water treatment plant in Kingsbury, Indiana. The samples identified in Table 1 were analyzed for a select list of volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), metals, and the general water chemistry parameters listed in Table 2 by Severn Trent Laboratories of University Park, Illinois. The analytical methods are identified in Table 2. The quality assurance criteria used to assess the data were established by the methods and the quality assurance project plan.

Holding Time Periods

The holding time periods are presented in Table 3. The samples were prepared and analyzed within the required holding time periods.

Method Blank Samples

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

Surrogate Compound Analyses

Assessing surrogate compound percent recovery data monitored individual sample performance for the organic analyses. The surrogate compound percent recovery data acceptance criteria were met for the samples.

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. All blank spike and LCS percent recovery data were acceptable.

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 MS/MSD percent recovery and RPD data were within the method specified limits. Therefore, no data qualifiers are required.

Laboratory Duplicate Sample Analyses

STL used laboratory duplicate sample analysis to monitor the precision of the inorganics methods. STL calculated the relative percent difference (RPD) of laboratory duplicate sample analyses. The laboratory duplicate RPD data were acceptable.

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 trip blank samples.

Overall sampling and analysis precision was monitored by the results of field duplicate sample sets. Table 4 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 only exceedence of the RPD was for iron at 22.2 percent and alkalinity at 27 percent. The remaining RPD results were below the 20 percent goal. LFR determined qualification of the investigative sample data was unnecessary.

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 is 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
TREATMENT SYSTEM MONITORING PROGRAM
FISHER-CALO SITE
KINGSBURY, INDIANA

Sample ID
EW-040902-TJA-200
IW-040902-TJA-201
IW-040902-TJA-202

TABLE 2

SUMMARY OF ANALYTICAL METHODS
TREATMENT SYSTEM MONITORING PROGRAM
FISHER-CALO SITE
KINGSBURY, INDIANA

Parameter	*Analytical Method*[1]
Alkalinity	EPA 310.1
Ammonia - Nitrogen	EPA 350.2
Metals	SW-846 6010B
SVOCs	CLP Low Level SOW OLC02.1
VOCs	SW-846 8260B
Total Suspended Solids (TSS)	EPA 160.2

[1] Methods were referenced from:
SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", EPA SW-846, 3rd Edition with Updates I through III, November 1986.
EPA - "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, revised March 1983.
CLP Low Level - "Superfund Analytical Methods for Low Concentration Water for Organics Analyses", U.S. EPA OLC02.1, February 1996.

TABLE 3

HOLDING TIME PERIODS
TREATMENT SYSTEM MONITORING PROGRAM
FISHER-CALO SITE
KINGSBURY, INDIANA

Parameter	*Holding Time Period*
Alkalinity, VOCs	- 14 days from sample collection to completion of analysis
Ammonia	- 28 days from sample collection to completion of analysis
Metals	- 180 days from sample collection to completion of analysis
SVOCs	- 7 days from sample collection to extraction - 40 days from extraction to completion of analysis
TSS	- 7 days from sample collection to completion of analysis

TABLE 4

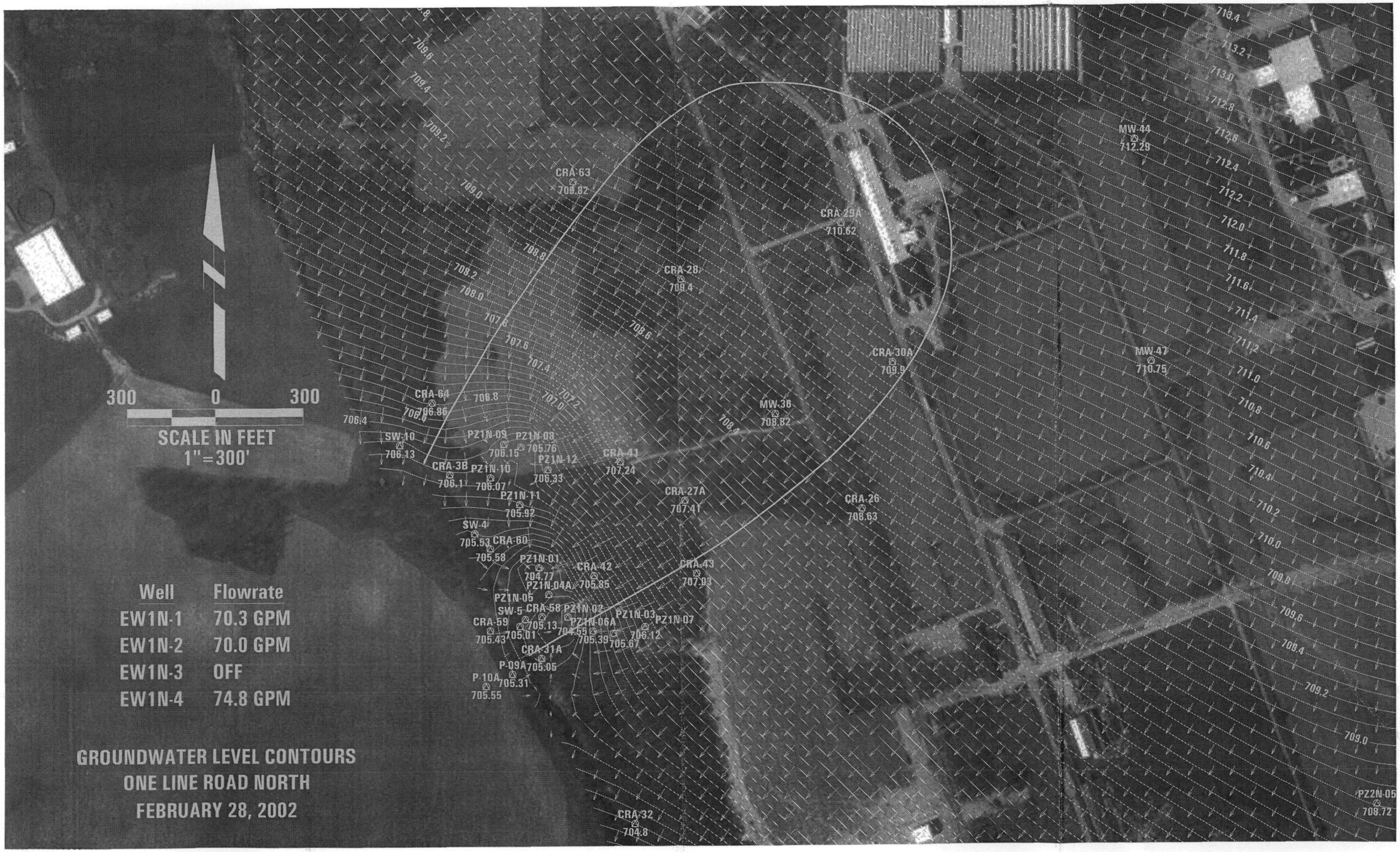
SUMMARY OF DETECTED ANALYTES FROM FIELD DUPLICATE SAMPLE SETS
TREATMENT SYSTEM MONITORING PROGRAM
FISHER-CALO SITE
KINGSBURY, INDIANA

Analyte	*Investigative Sample IW-040902-TJA-201*	*Duplicate Sample IW-040902-TJA-202*	*RPD* [1]
Volatile Organic Compounds (µg/L)			
Vinyl chloride	7.8	8	3
Chloroethane	2.7	2.9	7
1,1-Dichloroethene	1.4	1.4	0
trans-1,2-Dichloroethene	3.2	3.3	3
1,1-Dichloroethane	68	67	1.5
cis-1,2-Dichloroethene	72	72	0.0
Chloroform	0.92	1	2
1,2-Dichloroethane	0.95	1	5
Trichloroethene	28	28	0.0
Tetrachloroethene	3	3	6
1,1,1-Trichloroethane	31	32	3.2
Metals (µg/L)			
Calcium	63,000	63,000	0.0
Iron	320	400	22.2
Manganese	90	89	1.1
General Chemistry Parameters (mg/L)			
Alkalinity	160	210	27.0
Ammonia-Nitrogen	0.33	0.4	19

[1] RPD - Relative Percent Difference
[2] ND( ) - Not detected at the quantitation limit in parentheses
[3] NC - Not calculable

ATTACHMENT III

GROUND WATER LEVEL CONTOUR MAPS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Well Flowrate
EW1N-1 70.3 GPM
EW1N-2 70.0 GPM
EW1N-3 OFF
EW1N-4 74.8 GPM
GROUNDWATER LEVEL CONTOURS
ONE LINE ROAD NORTH
FEBRUARY 28, 2002
CRA-63 709.82
CRA-29A 710.62
CRA-28 709.4
CRA-30A 709.9
MW-44 712.29
MW-47 710.75
MW-36 708.82
CRA-64 706.86
SW-10 706.13
PZ1N-09 705.15
PZ1N-08 705.76
PZ1N-12 706.33
CRA-41 707.24
CRA-3B 706.1
PZ1N-10 706.07
PZ1N-11 705.92
CRA-27A 707.41
CRA-26 708.63
SW-4 705.53
CRA-60 705.58
PZ1N-01 704.77
CRA-42 705.85
CRA-43 707.03
PZ1N-04A
PZ1N-05
SW-5
CRA-58
PZ1N-02
PZ1N-06A
PZ1N-03
PZ1N-07
CRA-59 705.43
705.13
705.01
704.55
705.39
706.12
705.67
CRA-31A
P-09A 705.05
P-10A 705.31
705.55
CRA-32 704.8
PZ2N-05 708.72

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MW-39
706.73
CRA-21A
706.98
MW-25
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SW-6
703.59
MW-17
707.95
MW-26
705.51
CRA-23
703.23
MW-12
704.94
CRA-22A
706.1
PZ1S-14
703.01
PZ1S-01
701.63
PZ1S-13
702.06
CRA-20A
703.39
MW-27
704.59
MW-20
706.79
CRA-49A
705.63
PZ1S-12
701.65
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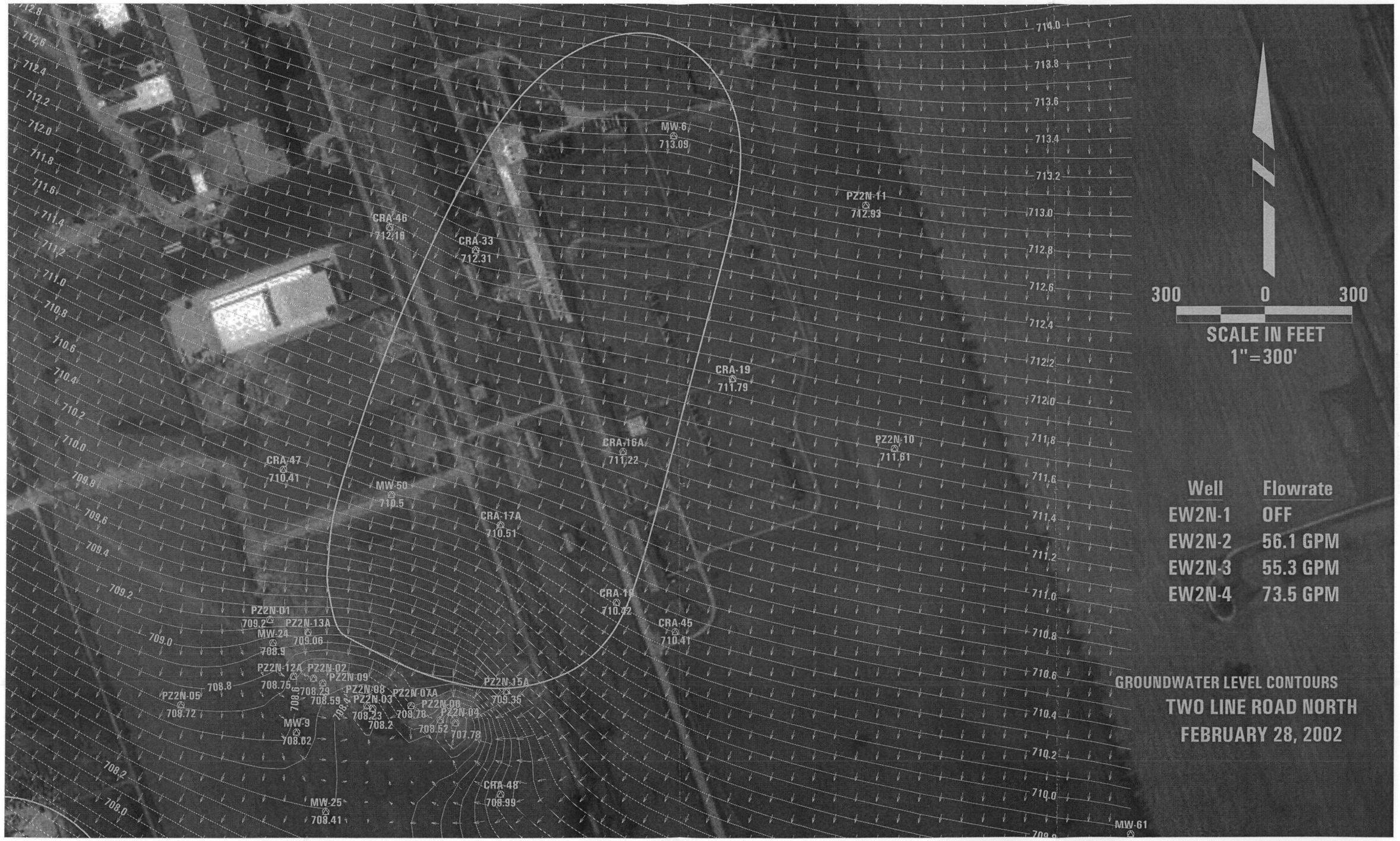
700.99
PZ1S-11
701.72
SW-2B
CRA-24A
701.84
701.77
P-08A
703.11
CRA-34A
702.23
MW-23
704.21
PZ1S-10
PZ1S-09
701.46
PZ1S-03
700.81
PZ1S-08
701.44
SW-7
701.51
CRA-44A
704.17
PZ1S-06
PZ1S-07
701.45
PZ1S-04
700.86
PZ1S-05
701.58
SW-8
701.31
CRA-25
701.98
MW-28
703.74
Well Flowrate
EW1S-1 79.2 GPM
EW1S-2 79.8 GPM
EW1S-3 80.5 GPM
EW1S-4 70.5 GPM
GROUNDWATER LEVEL CONTOURS
ONE LINE ROAD SOUTH
FEBRUARY 28, 2002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EW2N-3 55.3 GPM
EW2N-4 73.5 GPM
GROUNDWATER LEVEL CONTOURS
TWO LINE ROAD NORTH
FEBRUARY 28, 2002
MW-6 713.09
PZ2N-11 712.93
CRA-46 712.16
CRA-33 712.31
CRA-19 711.79
CRA-16A 711.22
PZ2N-10 711.61
CRA-47 710.41
MW-50 710.5
CRA-17A 710.51
CRA-18 710.02
CRA-45 710.41
PZ2N-01 709.2
PZ2N-13A 709.06
MW-24 708.9
PZ2N-12A 708.75
PZ2N-02 708.29
PZ2N-09 708.59
PZ2N-08 708.23
PZ2N-03 708.2
PZ2N-07A 709.78
PZ2N-06 708.52
PZ2N-04 707.78
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CRA-48 708.99
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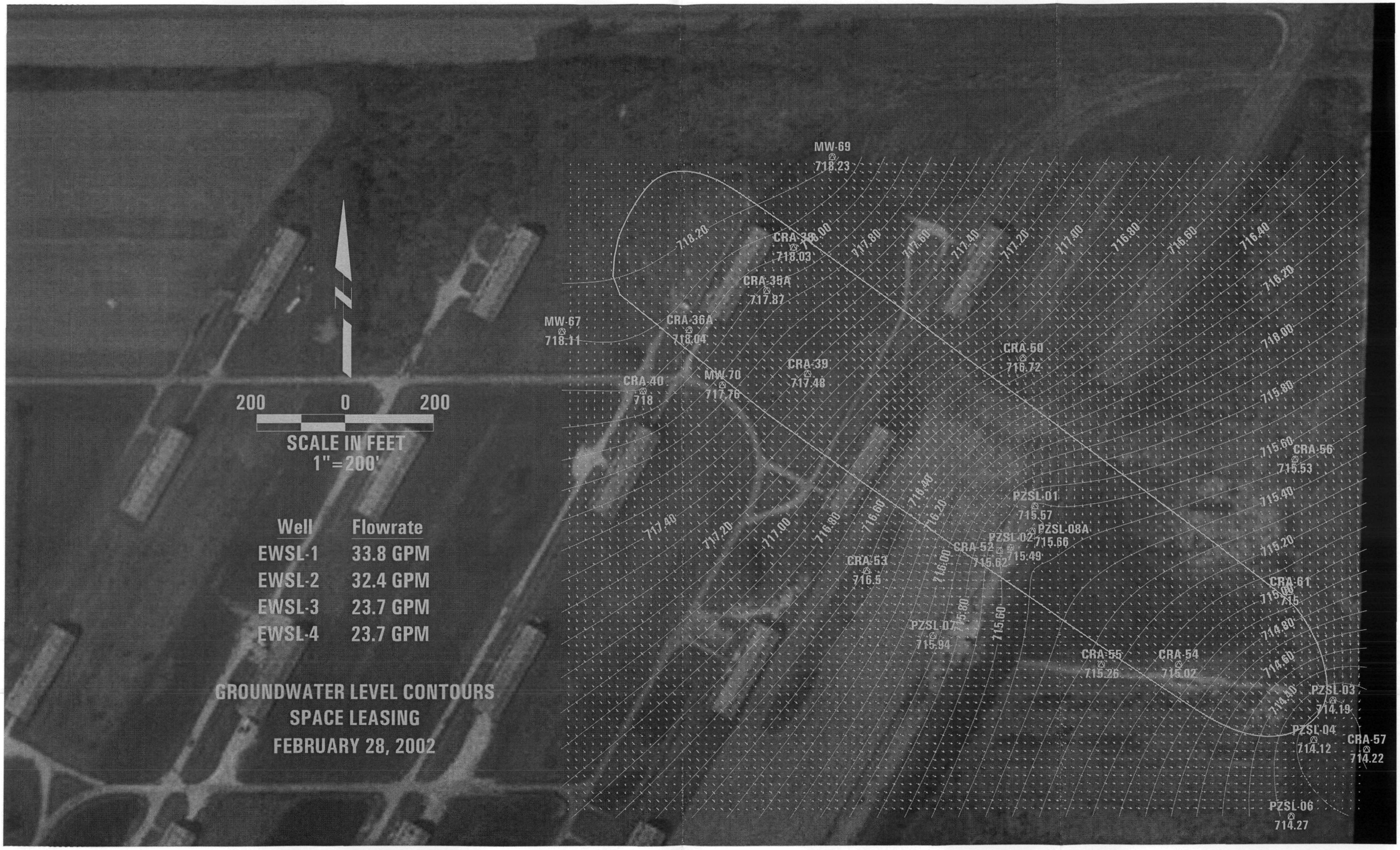
MW-61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EWSL-2 32.4 GPM
EWSL-3 23.7 GPM
EWSL-4 23.7 GPM
GROUNDWATER LEVEL CONTOURS
SPACE LEASING
FEBRUARY 28, 2002
MW-69
718.23
CRA-38
718.03
CRA-35A
717.87
MW-67
718.11
CRA-36A
718.04
CRA-40
718
MW-70
717.76
CRA-39
717.48
CRA-50
716.72
CRA-56
715.53
PZSL-01
715.57
PZSL-08A
715.66
PZSL-02
715.49
CRA-52
715.62
CRA-53
716.5
PZSL-07
715.94
CRA-55
715.26
CRA-54
715.02
CRA-61
715
PZSL-03
714.19
PZSL-04
714.12
CRA-57
714.22
PZSL-06
714.27
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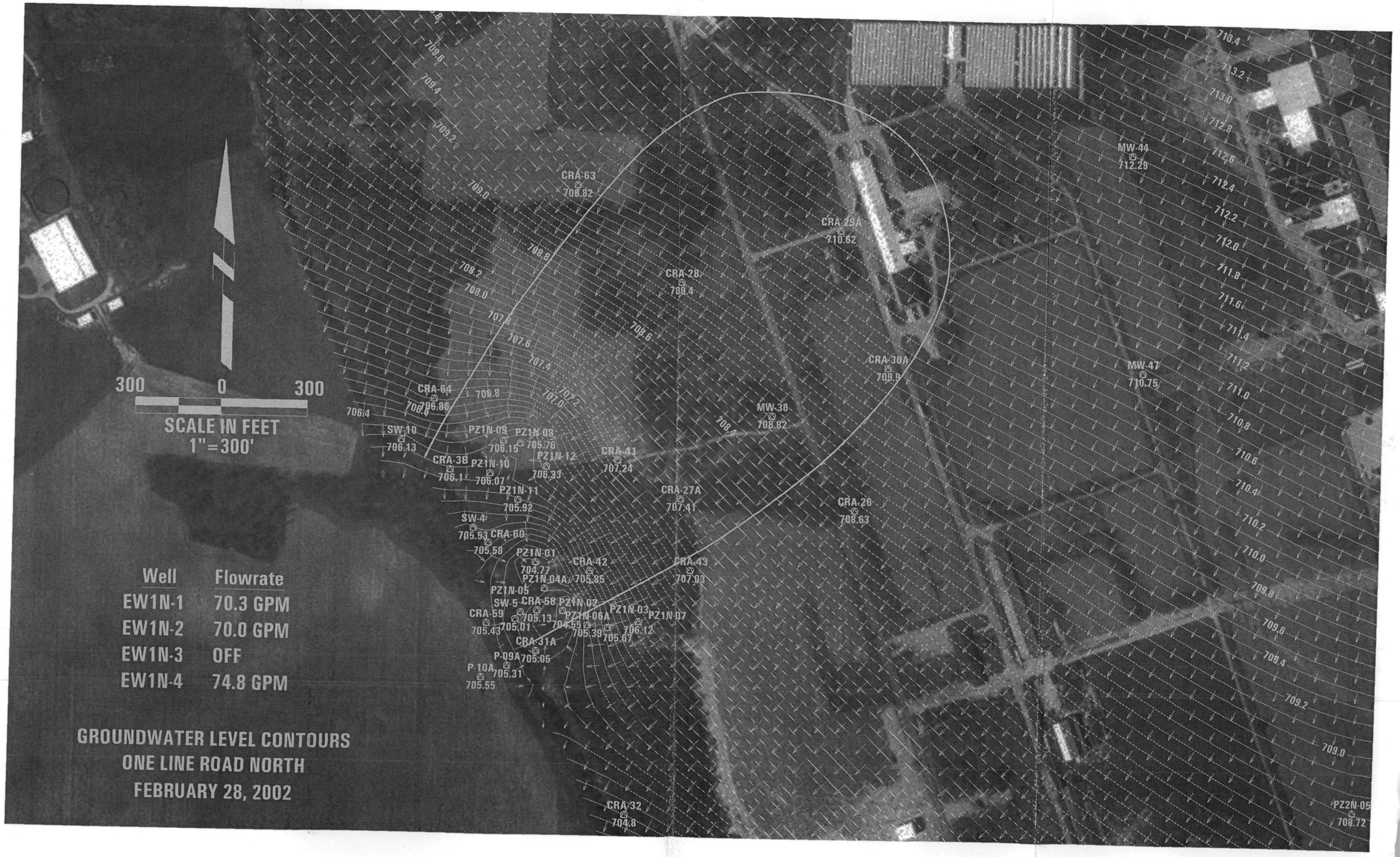
714.60
714.40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EW1N-2 70.0 GPM
EW1N-3 OFF
EW1N-4 74.8 GPM
GROUNDWATER LEVEL CONTOURS
ONE LINE ROAD NORTH
FEBRUARY 28, 2002
CRA-63 708.82
CRA-29A 710.62
CRA-28 709.4
CRA-30A 709.9
MW-36 708.82
MW-44 712.29
MW-47 710.75
CRA-64 706.86
SW-10 706.13
PZ1N-09 706.15
PZ1N-08 705.76
PZ1N-12 706.33
CRA-41 707.24
CRA-3B 706.1
PZ1N-10 706.07
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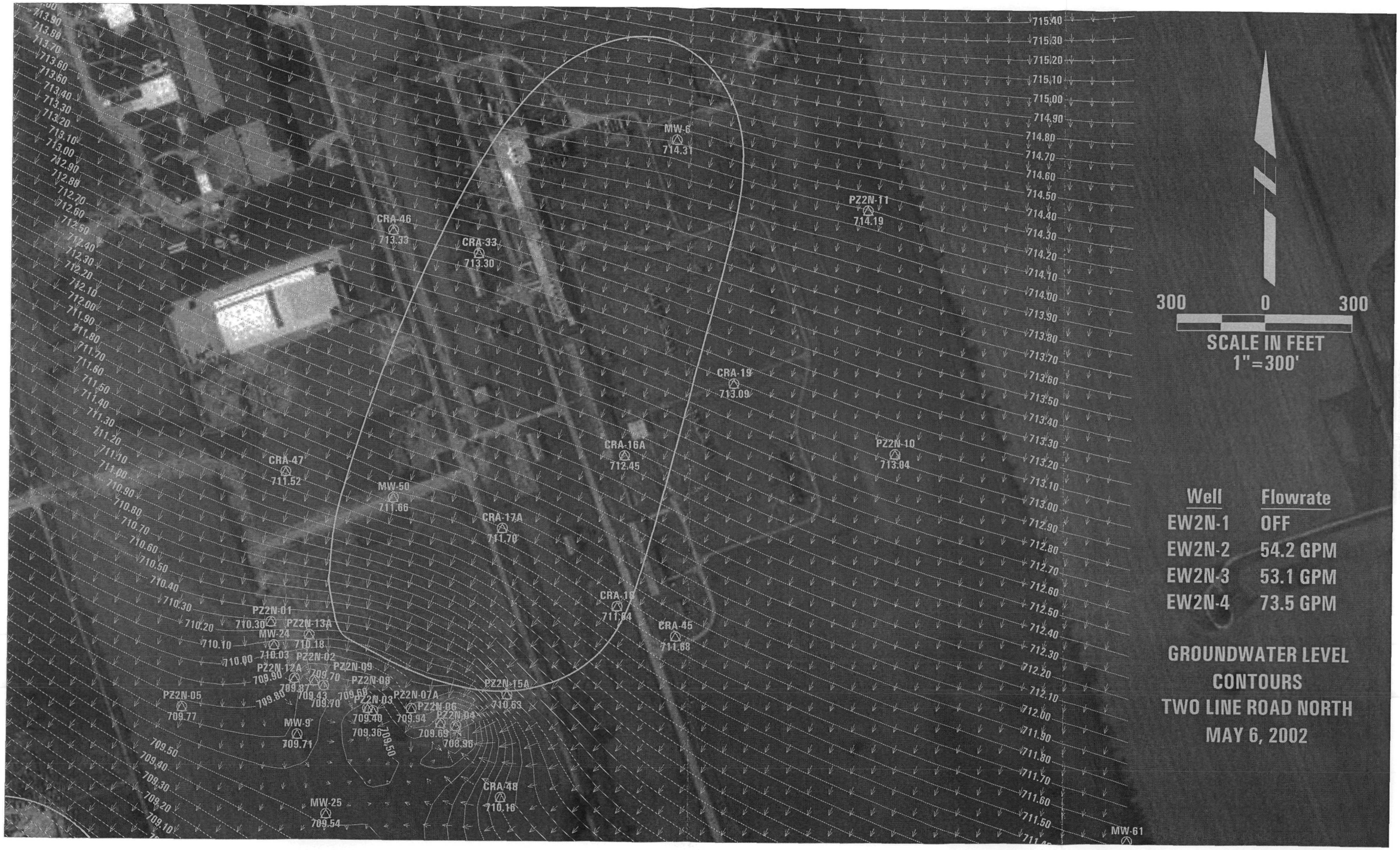
SW-4 705.53
CRA-60 705.58
PZ1N-01 704.77
CRA-42 705.85
CRA-43 707.93
PZ1N-04A
PZ1N-05
SW-5
CRA-58
PZ1N-02
PZ1N-03
PZ1N-06A
PZ1N-07
CRA-59 705.43
705.13
705.01
704.55
705.39
706.12
705.67
CRA-31A
P-09A 705.05
P-10A 705.31
705.55
CRA-32 704.8
PZ2N-05 708.72

Well	Flowrate
EW1S-1	79.3 GPM
EW1S-2	77.6 GPM
EW1S-3	76.6 GPM
EW1S-4	68.9 GPM

GROUNDWATER LEVEL CONTOURS
ONE LINE ROAD SOUTH
MAY 6, 2002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Well Flowrate
EW2N-1 OFF
EW2N-2 54.2 GPM
EW2N-3 53.1 GPM
EW2N-4 73.5 GPM
GROUNDWATER LEVEL
CONTOURS
TWO LINE ROAD NORTH
MAY 6, 2002
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PZ2N-11 714.19
CRA-46 713.33
CRA-33 713.30
CRA-19 713.09
CRA-16A 712.45
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CRA-47 711.52
MW-50 711.66
CRA-17A 711.70
CRA-18 711.54
CRA-45 711.68
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PZ2N-13A 710.18
MW-24 710.03
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PZ2N-08 709.60
PZ2N-07A 709.94
PZ2N-06 709.69
PZ2N-04 708.96
PZ2N-03 709.40
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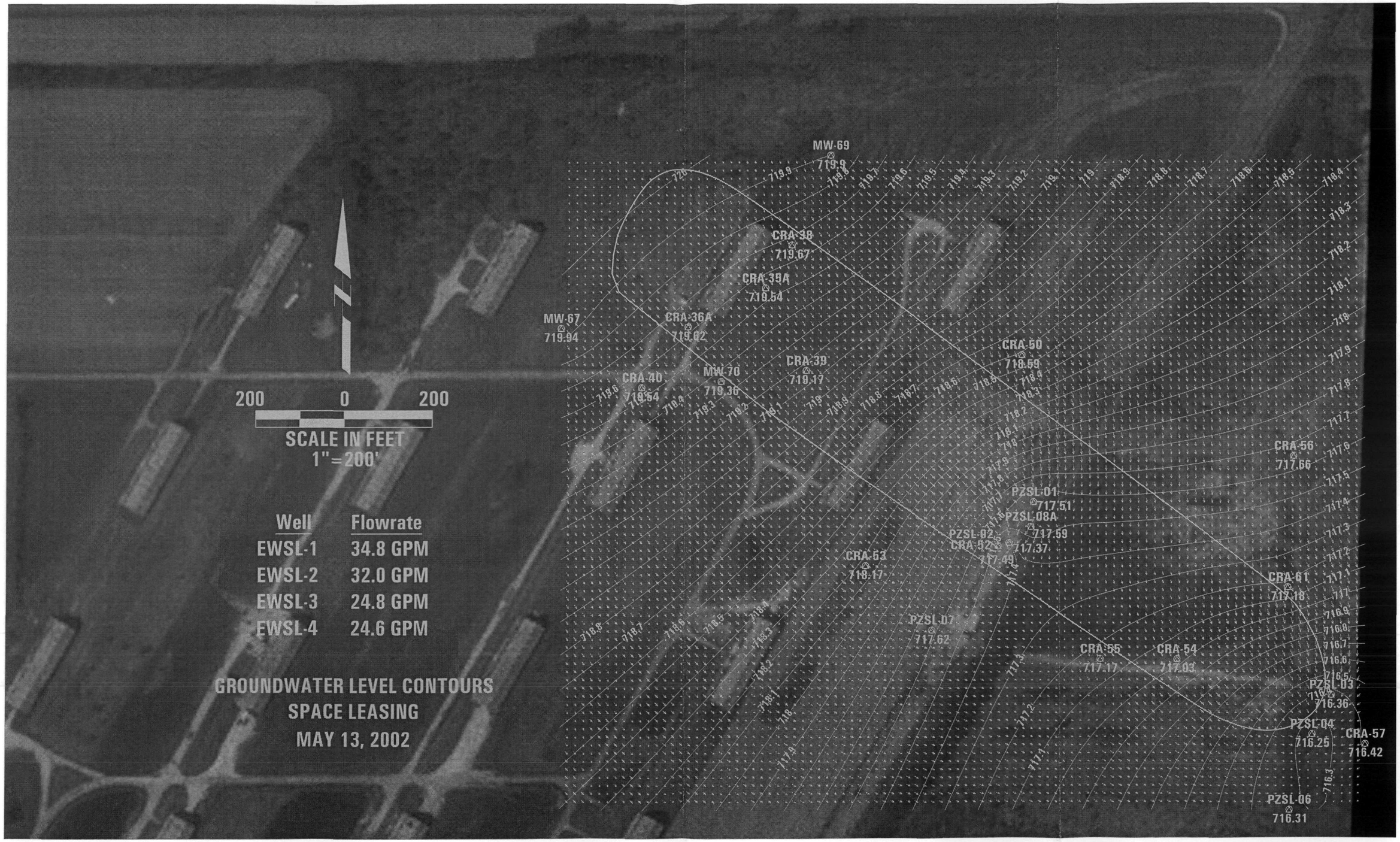
PZ2N-05 709.77
MW-9 709.71
CRA-48 710.16
MW-25 709.54
MW-61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Well Flowrate
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EWSL-2 32.0 GPM
EWSL-3 24.8 GPM
EWSL-4 24.6 GPM
GROUNDWATER LEVEL CONTOURS
SPACE LEASING
MAY 13, 2002
MW-69
719.9
CRA-38
719.67
CRA-35A
719.54
MW-67
719.94
CRA-36A
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CRA-40
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719.36
CRA-56
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CRA-52
717.37
717.49
CRA-63
718.17
CRA-61
717.18
PZSL-07
717.62
CRA-55
717.17
CRA-54
717.03
PZSL-03
716.36
PZSL-04
716.25
CRA-57
716.42
PZSL-06
716.31

ATTACHMENT IV

DATA REVIEW AND VALIDATION MEMO FOR GROUNDWATER SAMPLING

LFR
LEVINE•FRICKE

Date: July 1, 2002

INTEROFFICE MEMORANDUM

To: Wei-Lin Feng

From: Dale Ellingson

Subject: **DATA QUALITY ASSESSMENT AND VALIDATION FOR THE GROUNDWATER SAMPLES COLLECTED DURING THE MAY 2002 MONITORING EVENT AT THE FISHER CALO SITE IN KINGSBURY, INDIANA**

LFR assessed the data quality and validated the data from the ground water samples collected during the May 2002 monitoring event from the Fisher-Calo Site in Kingsbury, Indiana. The samples identified in Table 1 were analyzed for a select list of volatile organic compounds (VOCs), listed in Table 2 by Severn Trent Laboratories of University Park, Illinois. The analytical methods are identified in Table 2. 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 periods are presented in Table 3. The samples were prepared and analyzed within the required holding time periods.

Method Blank Samples

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

Surrogate Compound Analyses

Assessing surrogate compound percent recovery data monitored individual sample performance for the organic analyses. The surrogate compound percent recovery data acceptance criteria were met for the samples.

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 several VOCs exceeded their respective upper control limits, but these compounds were not detected in the associated samples. Data qualification in these circumstances is not required. The remaining LCS percent recovery data were acceptable.

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 for several VOCs exceeded their respective upper control limits, but these compounds were not detected in the associated samples. In addition, the RPDs for several VOCs exceeded their respective control limits, but the percent recovery data 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 trip blank samples with the exception of methylene chloride. Table 4 presents the data that should be qualified as a result of the methylene chloride detected in the trip blank. VOCs were not detected in the remaining trip blank samples or VOCs detected in trip blank samples were not detected in the associated samples.

Overall sampling and analysis precision was monitored by the results of field duplicate sample sets. Table 5 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 is 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
MAY 2002 GROUNDWATER MONITORING EVENT
FISHER-CALO SITE
KINGSBURY, INDIANA

Sample ID	*Location*
GW-050702-JMDE-239	CRA-64
GW-050702-JMDE-240	CRA-60
GW-050702-JMDE-241	CRA-58
GW-050702-JMDE-242	CRA-31A
GW-050702-JMDE-243	CRA-42
GW-050702-JMDE-244	CRA-27B
GW-050702-JMDE-245	MW-36
GW-050702-JMDE-246	CRA-28
GW-050702-JMDE-247	CRA-28 Dup.
GW-050702-JMDE-248	CRA-14
GW-050702-JMDE-249	CRA-24A
GW-050702-TA-250	CRA-25
GW-050702-TA-251	CRA-23
GW-050702-TA-252	CRA-34A
GW-050702-TA-253	CRA-34B
EW-050802-TA-254	EW2N-2
EW-050802-TA-255	EW2N-3
EW-050802-TA-256	EW2N-3 Dup.
EW-050802-TA-257	EW2N-4
GW-050802-TA-258	MW-9
GW-050802-TA-259	MW-25
GW-050802-JMDE-260	CRA-24B
EW-050802-JMDE-261	EW1N-2
EW-050802-JMDE-262	EW1N-1
EW-050802-JMDE-263	EW1N-4
EW-050802-JMWF-264	EW1S-4
EW-050802-JMWF-265	EW1S-3
EW-050802-JMWF-266	EW1S-2
EW-050802-JMWF-267	EW1S-1
EW-050802-JMWF-268	EW1S-1 Dup.

TABLE 1

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

Sample ID	*Location*
GW-050802-JMDE-269	CRA-20A
GW-050702-JMDE-270	CRA-59
GW-050802-JMDE-271	MW-3
GW-050802-JMDE-272	CRA-33
GW-050802-JMDE-273	CRA-16A
GW-050802-JMDE-274	CRA-16B
GW-050902-TA-275	MW-48
GW-050902-TA-276	CRA-22A
EW-051302-TA-277	EWSL-4
EW-051302-TA-278	EWSL-3
EW-051302-TA-279	EWSL-2
EW-051302-TA-280	EWSL-1
GW-051302-TADE-281	MW-67
GW-051302-TADE-282	CRA-39B
GW-051302-TADE-283	CRA-39
GW-051302-TADE-284	CRA-57
GW-051302-TADE-285	CRA-55
GW-051302-TADE-286	CRA-55 Dup.
GW-051302-TADE-287	CRA-54
GW-051302-TADE-288	CRA-61
GW-051302-TADE-289	CRA-48
GW-051302-TADE-290	CRA-48 Dup.

TABLE 2

SUMMARY OF ANALYTICAL METHODS
MAY 2002 GROUNDWATER MONITORING EVENT
FISHER-CALO SITE
KINGSBURY, INDIANA

Parameter[1]	*Method Reference*[2]
VOCs	SW-846 8260B

[1] VOCs - Volatile Organic Compounds

[2] SW-846 - "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods", EPA SW-846, 3rd edition with Updates I though III, November 1986.

TABLE 3

HOLDING TIME PERIODS
MAY 2002 GROUNDWATER MONITORING EVENT
FISHER-CALO SITE
KINGSBURY, INDIANA

Parameter	*Holding Time Period*
VOCs	- 14 days from sample collection to completion of analysis
bis(2-Ethylhexyl)phthalate	- 7 days from sample collection to extraction - 40 days from extraction to completion of analysis

TABLE 4

SUMMARY OF QUALIFIED SAMPLE DATA RESULTING FROM
TRIP BLANK CONTAMINATION
MAY 2002 GROUNDWATER MONITORING EVENT
FISHER-CALO SITE
KINGSBURY, INDIANA

Sample ID	*Analyte*	*Qualified Sample Result* [1] *(µg/L)*
EW-050702-JMDE-265	Methylene Chloride	U(1)
GW-050702-JMDE-272	Methylene Chloride	U(1)
GW-051302-TADE-286	Methylene chloride	U(1)

[1] The sample results should be qualified as:
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

TABLE 5

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

Analyte	*Investigative Sample GW-050702-JMDE-246*	*Duplicate Sample GW-050702-JMDE-247*	*RPD* [1]
Organics (µg/L)			
1,1,1-Trichloroethane	45.0	44.0	2.2
1,1,2-Trichloroethane	1.0	1.0	NC
1,1-Dichloroethane	1.0	0.5	NC
1,1-Dichloroethene	0.7	0.8	NC
1,2-Dichloroethane	1.0	1.0	NC
1,2-Dichloropropane	1	1	NC
Chloroform	1.0	1.0	NC
cis-1,2-Dichloroethene	0.4	1.0	NC
trans-1,2-Dichloroethene	1.0	1.0	NC
Trichloroethene	690.0	660.0	4.4

Analyte	*Investigative Sample EW-050802-TA255*	*Duplicate Sample EW-050802-TA256*	*RPD*
Organics (µg/L)			
1,1,1-Trichloroethane	0.8	0.9	NC
1,1-Dichloroethane	1.0	1.0	NC
1,1-Dichloroethene	1.0	1.0	NC
Chloroform	1.0	1.0	NC
cis-1,2-Dichloroethene	1.0	1.0	NC
Tetrachloroethene	1.0	1.0	NC
trans-1,2-Dichloroethene	1.0	1.0	NC
Trichloroethene	1.0	1.0	NC

TABLE 5

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

Analyte	*Investigative Sample EW-050702-JMDE-267*	*Duplicate Sample EW-050702-JMDE-268*	*RPD*
Organics (µg/L)			
1,1,1-Trichloroethane	11.0	12.0	8.7
1,1,2-Trichloroethane	1.0	1.0	NC
1,1-Dichloroethane	100.0	93.0	7.3
1,1-Dichloroethene	1.0	1.0	NC
cis-1,2-Dichloroethene	49.0	46.0	6.3
Methylene chloride	1.0	1.0	NC
trans-1,2-Dichloroethene	7.5	7.7	2.6
Vinyl chloride	1.0	1.0	NC

Analyte	*Investigative Sample GW-050702-TADE-285*	*Duplicate Sample GW-050702-TADE-286*	*RPD*
Organics (µg/L)			
1,1,1-Trichloroethane	150.0	140.0	6.9
1,1-Dichloroethene	4.0	3.6	NC
cis-1,2-Dichloroethene	1.0	1.0	NC
Trichloroethene	1.0	1.0	NC

Analyte	*Investigative Sample EW-050702-TADE-289*	*Duplicate Sample EW-050702-TADE-290*	*RPD*
Organics (µg/L)			
1,1,1-Trichloroethane	53.0	51.0	3.8
cis-1,2-Dichloroethene	1.0	1.0	NC
trans-1,2-Dichloroethene	1.0	1.0	NC
Vinyl chloride	1.0	1.0	NC

[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.

LFR
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Date: July 1, 2002

INTEROFFICE MEMORANDUM

To: Wei-Lin Feng
Dale Ellingson

From: Aravind Marella

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

This memo details the findings of statistical evaluation of groundwater monitoring data following the May 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 thirteenth groundwater monitoring event (May 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 thirteen 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. May 2002 event was added and June 1999 event was dropped). The eight events used are as follows.

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

A listing of all monitoring results is provided in Attachment I 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 seven 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 1,1,1-TCA and 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 1,1,1-TCA and 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 for wells other than CRA-24A and CRA-58 (see Section 1) 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, including wells CRA-58 and CRA-24A, which are evaluated under a separate statistical method (see Section 1 above). 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 May 2002 monitoring were included in the statistical analyses. Calculations were performed using the data contained in the Site database. A listing of the monitoring results, which include sampling from 1998 to the present, is provided in Attachment I of this memorandum.

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, 1,1-DCE, 1,2-DCA, cis-1,2-DCE, PCE, and 1,1,1-TCA, TCE, and VC.

One Line Road North LCL Exceedances

CRA-28 (CT)	TCE
CRA-42 (CT)	TCE, 1,2-DCA, cis-1,2-DCE
CRA-58 (B)	TCE (May 2002 result is below the action level with a decreasing trend, see Section 1.5)
MW-36 (CT)	TCE, cis-1,2-DCE, PCE
EW1N-1 (E)	TCE
EW1N-2 (E)	TCE

One Line Road South LCL Exceedances

CRA-20A (CT)	VC, cis-1,2-DCE, PCE, 1,1 DCE
CRA-22A (CT)	TCE, PCE
CRA-24A (B)	TCE, 1,1 DCE (May 2002 result is below the action level with a decreasing trend, see Section 1.5)
EW1S-1 (E)	VC, 1,2-DCA, cis-1,2-DCE
EW1S-2 (E)	VC, TCE, cis-1,2-DCE
EW1S-3 (E)	TCE
EW1S-4 (E)	PCE

Two Line Road North LCL Exceedances

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

Space Leasing LCL Exceedances

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

EWSL-1 (E) TCE, cis-1,2-DCE

EWSL-2 (E) 1,1,1-TCA, TCE, cis-1,2-DCE, 1,1-DCE

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 May 2002 monitoring event.** The chemicals which exhibited at least one exceedance within the contaminant plumes include benzene, TCE, 1,1-DCE, 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 May 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). Calculations were performed using the data contained in the Site database, a listing of which is presented in Attachment I of this memorandum.

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 May 2002 monitoring results were compared to the calculated background UTLs and 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 May 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, May 2000. Groundwater Contingency Plan (Appendix B of the Operations, Maintenance and Monitoring Plan), Fisher-Calo Site.

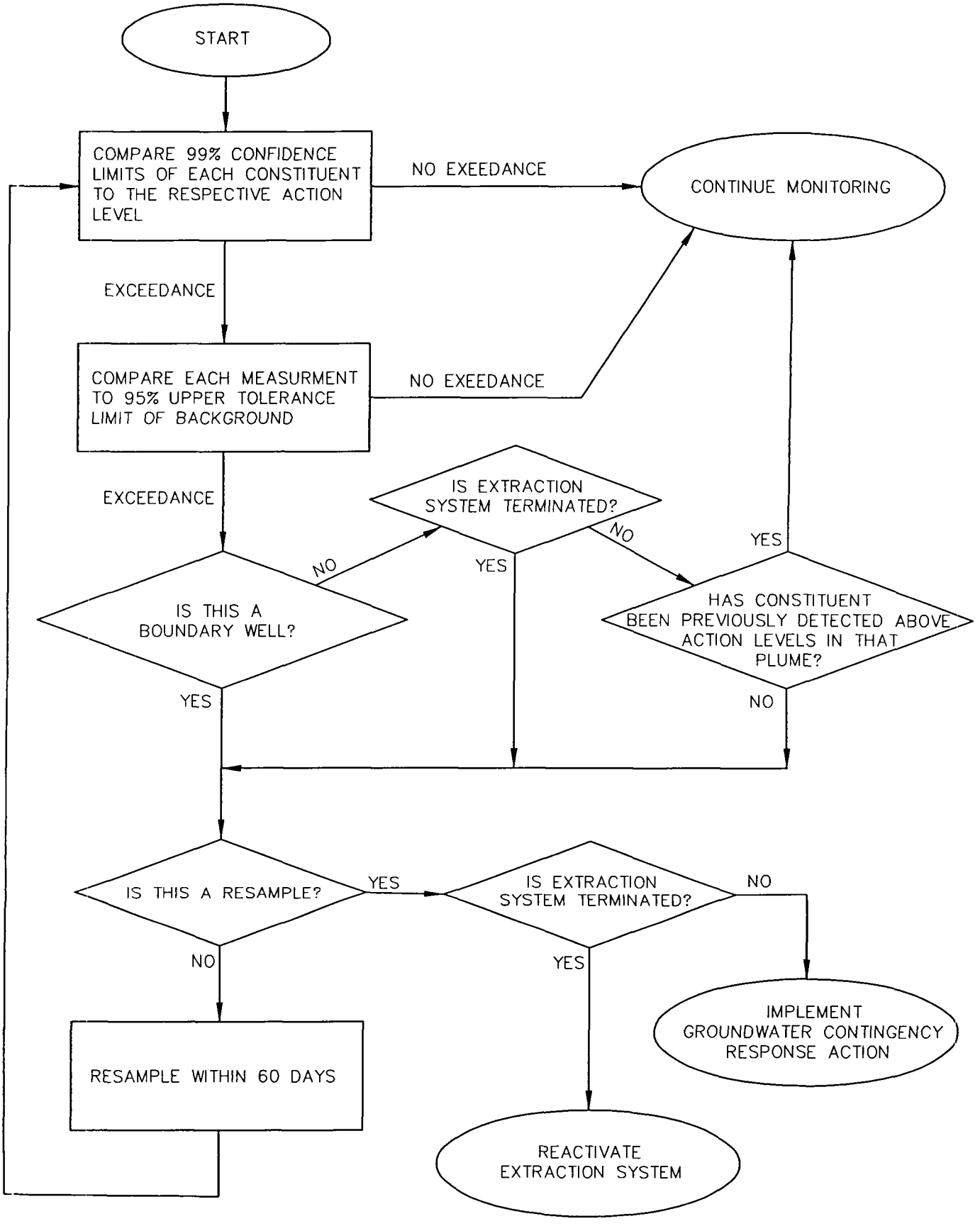

figure 5.1

FLOW CHART OF EVALUATION TASKS FOR CHEMICAL MONITORING NETWORK

Fisher–Calo Site

CRA

10907–60(003)GN–WA011 APR 21/98

TABLE 1

SUMMARY OF STATISTICAL TREND EVALUATION RESULTS
JULY 2002 ANNUAL PROGRESS REPORT
(MAY 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	3	5	0.97	-1.811	0.117	NST[1]
CRA-24A	1,1-Dichloroethene	8	5	3	0.87	-2.8	0.029	NST
CRA-24A	cis-1,2-Dichloroethene	8	3	5	1.34	-1.58	0.165	NST
CRA-24A	trans-1,2-Dichloroethene	8	2	6	0.37	-1.37	0.215	NST
CRA-24A	1,1,1-Trichloroethane	8	8	0	0.557	-4.44	**0.0038**	**Decreasing**[2]
CRA-24A	Trichloroethene	8	8	0	0.560	-4.76	**0.0029**	**Decreasing**[2]
CRA-24A	Vinyl chloride	8	1	7	0.043	-0.595	0.571	NST
CRA-58	1,1-Dichloroethene	8	1	7	0.062	-0.595	0.571	NST
CRA-58	cis-1,2-Dichloroethene	8	1	7	0.062	-0.595	0.571	NST
CRA-58	1,1,1-Trichloroethane	8	3	5	0.267	-0.687	0.515	NST
CRA-58	Trichloroethene	8	5	3	0.283	-0.679	0.520	NST

Notes:
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			Boundary Well CRA-60			Boundary Well CRA-64		
	# Samples	# Detects	CV	# 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	13	0	ND	13	0	ND	13	0	ND	13	0	1.400	13	0	ND	13	0	ND	10	0	ND
Methylene chloride	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
trans-1,2-Dichloroethene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
Trichloroethene	13	0	ND	13	0	ND	13	0	ND	13	0	1.000	13	0	ND	13	2	0.024	10	0	ND
Vinyl chloride	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
Volatile Organic Compounds																					
Acetone	13	0	ND	13	0	ND	13	2	0.090	13	2	ND	13	2	0.067	13	0	ND	10	0	ND
Benzene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
Bromodichloromethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
Bromoform	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
Bromomethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
2-Butanone	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
Carbon disulfide	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
Carbon tetrachloride	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
Chlorobenzene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
Chloroform (Trichloromethane)	11	0	ND	12	0	ND	12	0	ND	12	0	ND	12	0	ND	12	0	ND	10	0	ND
Chloromethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
Dibromochloromethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
1,1-Dichloroethane	13	1	0.240	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
1,2-Dichloroethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
1,1-Dichloroethene	13	0	ND	13	0	ND	13	0	ND	13	0	1.500	13	0	ND	13	0	ND	10	0	ND
cis-1,2-Dichloroethene	13	0	ND	13	0	ND	13	0	ND	13	0	2.700	13	0	ND	13	0	ND	10	0	ND
1,2-Dichloropropane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
cis-1,3-Dichloropropene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
trans-1,3-Dichloropropene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
Ethylbenzene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
4-Methyl-2-pentanone	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
Styrene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
1,1,2,2-Tetrachloroethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
Tetrachloroethene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
Toluene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	2	0.020
1,1,2-Trichloroethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND
Xylene (total)	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	10	0	ND

Notes:
CV = Coefficient of Variation
ND = Not Detected

TABLE 2A

SUMMARY OF MONITORING DATA
ONE LINE ROAD NORTH
FISHER CALO SITE

Analyte	Chemical Trend Well CRA-28			Chemical Trend Well CRA-42			Chemical Trend Well MW-36			Extraction Well EWIN-1			Extraction Well EWIN-2			Extraction Well EWIN-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	11	10	0.030	13	12	0.488	13	13	0.335	13	13	0.090	13	13	0.019	7	1	0.080
Methylene chloride	11	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	7	0	ND
trans-1,2-Dichloroethene	11	6	0.130	13	11	1.33	13	13	0.390	13	1	0.05	13	4	0.277	7	0	ND
Trichloroethene	11	11	0.110	13	12	0.668	13	13	0.360	13	13	0.110	13	13	0.002	7	0	ND
Vinyl chloride	11	0	ND	13	0	ND	13	0	ND	13	1	0.050	13	0	ND	7	0	ND
Volatile Organic Compounds																		
Acetone	11	0	ND	13	0	ND	13	2	0.04	13	0	ND	13	0	ND	7	0	ND
Benzene	11	2	0.099	13	1	1.20	13	1	0.05	13	1	0.000	13	0	ND	7	0	ND
Bromodichloromethane	11	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	7	0	ND
Bromoform	11	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	7	0	ND
Bromomethane	11	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	7	0	ND
2-Butanone	11	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	7	0	ND
Carbon disulfide	11	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	7	0	ND
Carbon tetrachloride	11	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	7	0	ND
Chlorobenzene	11	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	7	0	ND
Chloroform (Trichloromethane)	10	0	ND	12	10	0.578	12	8	0.288	12	0	ND	12	0	ND	7	0	ND
Chloromethane	11	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	7	0	ND
Dibromochloromethane	11	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	7	0	ND
1,1-Dichloroethane	11	9	0.230	13	12	0.602	13	13	0.176	13	13	0.03	13	13	0.001	7	0	ND
1,2-Dichloroethane	11	0	ND	13	12	0.447	13	12	0.196	13	1	0.05	13	10	0.480	7	0	ND
1,1-Dichloroethene	11	10	0.510	13	12	0.436	13	13	1.22	13	9	0.010	13	13	0.090	7	1	0.060
cis-1,2-Dichloroethene	11	9	0.250	13	12	0.896	13	13	0.030	13	7	0.050	13	13	0.057	7	5	0.316
1,2-Dichloropropane	11	0	ND	13	2	1.14	13	8	0.200	13	0	ND	13	0	ND	7	0	ND
cis-1,3-Dichloropropene	11	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	7	0	ND
trans-1,3-Dichloropropene	11	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	7	0	ND
Ethylbenzene	11	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	7	0	ND
4-Methyl-2-pentanone	11	0	ND	13	0	ND	13	0	ND	13	1	0.050	13	0	ND	7	0	ND
Styrene	11	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	7	0	ND
1,1,2,2-Tetrachloroethane	11	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	7	0	ND
Tetrachloroethene	11	0	ND	13	0	ND	13	13	0.220	13	1	0.000	13	0	ND	7	0	ND
Toluene	11	0	ND	13	0	ND	13	0	ND	13	1	0.05	13	0	ND	7	0	ND
1,1,2-Trichloroethane	11	2	0.140	13	3	1.01	13	5	0.09	13	1	0.050	13	0	ND	7	0	ND
Xylene (total)	11	0	ND	13	0	ND	13	4	0.25	13	0	ND	13	0	ND	7	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		
	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV	# Samples	# Detects	CV
Site Specific Compounds															
1,1,1-Trichloroethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Methylene chloride	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
trans-1,2-Dichloroethene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Trichloroethene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Vinyl chloride	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Volatile Organic Compounds															
Acetone	13	0	ND	13	1	0.266	13	0	ND	13	0	ND	13	1	2.24
Benzene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Bromodichloromethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Bromoform	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Bromomethane	13	0	ND	13	1	0.693	13	0	ND	13	0	ND	13	0	ND
2-Butanone	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Carbon disulfide	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Carbon tetrachloride	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Chlorobenzene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Chloroform (Trichloromethane)	11	0	ND	11	0	ND	11	0	ND	11	0	ND	11	0	ND
Chloromethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Dibromochloromethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
1,1-Dichloroethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
1,2-Dichloroethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
1,1-Dichloroethene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
cis-1,2-Dichloroethene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
1,2-Dichloropropane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
cis-1,3-Dichloropropene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
trans-1,3-Dichloropropene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Ethylbenzene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
4-Methyl-2-pentanone	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Styrene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
1,1,2,2-Tetrachloroethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Tetrachloroethene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Toluene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
1,1,2-Trichloroethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Xylene (total)	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND

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-20A			Chemical Trend Well CRA-22A			Boundary Well CRA-24A			Extraction Well EW1S-1			Extraction Well EW1S-2			Extraction Well EW1S-3			Extraction Well EW1S-4		
	# Samples	# Detects	CV	# 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	13	13	0.070	15	15	0.050	13	13	0.300	13	13	0.220	13	13	0.100	13	13	0.010	13	13	0.1
Methylene chloride	13	0	ND	15	0	ND	13	13	ND	13	13	0.05	13	0	ND	13	7	0.080	13	5	0.1
trans-1,2-Dichloroethene	13	13	0.140	15	13	0.044	13	13	0.230	13	13	0.310	13	11	0.140	13	0	ND	13	1	0.0
Trichloroethene	13	13	0.100	15	13	0.570	13	13	0.50	13	13	0.31	13	13	0.176	13	13	0.080	13	13	0.1
Vinyl chloride	13	13	0.070	15	0	ND	13	13	ND	13	13	0.100	13	13	0.140	13	0	ND	13	0	ND
				15																	
Volatile Organic Compounds				15																	
Acetone	13	0	ND	15	0	ND	13	13	ND	13	0	ND	13	0	8.700	13	0	ND	13	0	ND
Benzene	13	13	0.170	15	0	ND	13	13	ND	13	13	0.110	13	10	0.200	13	0	ND	13	0	ND
Bromodichloromethane	13	0	ND	15	0	ND	13	13	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Bromoform	13	0	ND	15	0	ND	13	13	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Bromomethane	13	0	ND	15	0	ND	13	13	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
2-Butanone	13	0	ND	15	0	ND	13	13	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Carbon disulfide	13	0	ND	15	0	ND	13	13	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Carbon tetrachloride	13	0	ND	15	0	ND	13	13	ND	13	0	ND	13	1	2.09	13	0	ND	13	0	ND
Chlorobenzene	13	1	0.050	15	0	ND	13	13	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Chloroform (Trichloromethane)	13	4	0.21	13	13	0.10	11	13	ND	11	0	ND	13	9	0.108	13	13	0.020	11	11	0.3
Chloromethane	13	0	ND	15	0	ND	13	13	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Dibromochloromethane	13	0	ND	15	0	ND	13	13	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
1,1-Dichloroethane	13	13	0.001	15	13	0.037	13	13	0.300	13	13	0.267	13	13	0.257	13	13	0.109	13	13	0.0
1,2-Dichloroethane	13	6	0.381	15	0	ND	13	13	ND	13	13	0.330	13	10	0.10	13	0	ND	13	9	0.2
1,1-Dichloroethene	13	13	0.28	15	13	0.055	13	13	0.270	13	8	0.170	13	13	0.044	13	13	0.100	13	13	0.0
cis-1,2-Dichloroethene	13	13	0.27	15	13	0.040	13	13	0.450	13	13	0.390	13	13	0.200	13	13	0.090	13	13	0.2
1,2-Dichloropropane	13	13	0.050	15	0	ND	13	13	ND	13	0	ND	13	3	0.066	13	0	ND	13	0	ND
cis-1,3-Dichloropropene	13	0	ND	15	0	ND	13	13	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
trans-1,3-Dichloropropene	13	0	ND	15	0	ND	13	13	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Ethylbenzene	13	13	0.180	15	0	ND	13	13	ND	13	9	0.730	13	1	0.05	13	0	ND	13	0	ND
4-Methyl-2-pentanone	13	0	ND	15	0	ND	13	13	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Styrene	13	0	ND	15	0	ND	13	13	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
1,1,2,2-Tetrachloroethane	13	0	ND	15	0	ND	13	13	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Tetrachloroethene	13	13	0.230	15	13	0.009	13	13	ND	13	2	0.04	13	13	0.045	13	13	0.002	13	13	0.0
Toluene	13	13	0.050	15	0	ND	13	13	ND	13	1	0.05	13	1	0.050	13	0	ND	13	0	ND
1,1,2-Trichloroethane	13	10	0.020	15	1	0.266	13	13	ND	13	0	ND	13	3	0.066	13	1	0.050	13	0	ND
Xylene (total)	13	13	0.130	15	0	ND	13	13	ND	13	7	0.600	13	1	0.05	13	0	ND	13	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	13	0	ND	13	0	ND	13	13	0.2	13	0	ND	13	0	ND
Methylene chloride	13	0	ND	13	0	ND	13	0	ND	13	1	0.537	13	0	ND
trans-1,2-Dichloroethene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Trichloroethene	13	0	ND	13	0	ND	13	0	ND	13	1	0.452	13	0	ND
Vinyl chloride	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Volatile Organic Compounds															
Acetone	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Benzene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Bromodichloromethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Bromoform	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Bromomethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
2-Butanone	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Carbon disulfide	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Carbon tetrachloride	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Chlorobenzene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Chloroform (Trichloromethane)	11	0	ND	11	0	ND	11	0	ND	11	0	ND	11	0	ND
Chloromethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Dibromochloromethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
1,1-Dichloroethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
1,2-Dichloroethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
1,1-Dichloroethene	13	0	ND	13	0	ND	13	10	0.863	13	0	ND	13	0	ND
cis-1,2-Dichloroethene	13	0	ND	13	0	ND	13	1	0.267	13	0	ND	13	0	ND
1,2-Dichloropropane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
cis-1,3-Dichloropropene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
trans-1,3-Dichloropropene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Ethylbenzene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
4-Methyl-2-pentanone	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Styrene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
1,1,2,2-Tetrachloroethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Tetrachloroethene	13	1	0.452	13	1	0.693	13	0	ND	13	0	ND	13	0	ND
Toluene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
1,1,2-Trichloroethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Xylene (total)	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	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	13	0	ND	13	10	0.53	13	7	0.24	13	0	ND	13	1	0.07	13	3	0.27
Methylene chloride	13	0	ND	13	0	ND	13	10	0.01	13	0	ND	13	0	ND	13	0	ND
trans-1,2-Dichloroethene	13	0	ND	13	1	0.65	13	13	0.005	13	0	ND	13	0	ND	13	0	ND
Trichloroethene	13	0	ND	13	13	0.81	13	6	0.22	13	0	ND	13	0	ND	13	0	ND
Vinyl chloride	13	0	ND	13	0	ND	13	13	0.27	13	0	ND	13	0	ND	13	0	ND
Volatile Organic Compounds																		
Acetone	13	0	ND	13	1	0.495	13	7	0.13	13	0	ND	13	0	ND	13	0	ND
Benzene	13	0	ND	13	0	ND	13	13	0.12	13	0	ND	13	0	ND	13	0	ND
Bromodichloromethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Bromoform	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Bromomethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
2-Butanone	13	0	ND	13	0	ND	13	2	0.27	13	0	ND	13	0	ND	13	0	ND
Carbon disulfide	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Carbon tetrachloride	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Chlorobenzene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Chloroform (Trichloromethane)	11	0	ND	11	0	ND	13	0	ND	12	0	ND	12	0	ND	12	0	ND
Chloromethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Dibromochloromethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
1,1-Dichloroethane	13	0	ND	13	12	0.613	13	13	0.29	13	0	ND	13	0	ND	13	7	0.24
1,2-Dichloroethane	13	0	ND	13	0	ND	13	12	0.066	13	0	ND	13	0	ND	13	0	ND
1,1-Dichloroethene	13	0	ND	13	11	0.2	13	7	0.025	13	0	ND	13	0	ND	13	4	0.16
cis-1,2-Dichloroethene	13	0	ND	13	13	0.19	13	13	0.33	13	0	ND	13	0	ND	13	8	0.27
1,2-Dichloropropane	13	0	ND	13	0	ND	13	12	0.074	13	0	ND	13	0	ND	13	0	ND
cis-1,3-Dichloropropene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
trans-1,3-Dichloropropene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Ethylbenzene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
4-Methyl-2-pentanone	13	0	ND	13	0	ND	13	12	0.0067	13	0	ND	13	0	ND	13	0	ND
Styrene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
1,1,2,2-Tetrachloroethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Tetrachloroethene	13	0	ND	13	13	0.14	13	1	2.16	13	0	ND	13	0	ND	13	0	ND
Toluene	13	0	ND	13	0	ND	13	13	0.19	13	0	ND	13	0	ND	13	0	ND
1,1,2-Trichloroethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND	13	0	ND
Xylene (total)	13	0	ND	13	1	0.617	13	0	ND	13	0	ND	13	0	ND	13	0	ND

Notes:
CV = Coefficient of Variation
ND = Not Detected

TABLE 2D

SUMMARY OF MONITORING DATA
SPACE LEASING AREA
FISHER CALO SITE

	Background Well			*Boundary Well*			*Background Well*			*Boundary Well*			*Boundary Well*		
	MW-67			*CRA-39B*			*CRA-55*			*CRA-57*			*CRA-61*		
	# Samples	*# Detects*	*CV*	*# Samples*	*# Detects*	*CV*	*# Samples*	*# Detects*	*CV*	*# Samples*	*# Detects*	*CV*	*# Samples*	*# Detects*	*CV*
Site Specific Compounds															
1,1,1-Trichloroethane	13	0	ND	12	0	ND	13	12	0.150	13	0	ND	13	0	ND
Methylene chloride	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
trans-1,2-Dichloroethene	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
Trichloroethene	13	1	0.05	12	0	ND	13	2	0.0911	13	0	ND	13	0	ND
Vinyl chloride	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
Volatile Organic Compounds															
Acetone	13	0	ND	12	1	0.276	13	1	0.05	13	0	ND	13	0	ND
Benzene	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
Bromodichloromethane	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
Bromoform	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
Bromomethane	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
2-Butanone	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
Carbon disulfide	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
Carbon tetrachloride	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
Chlorobenzene	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
Chloroform (Trichloromethane)	12	0	ND	12	0	ND	12	0	ND	12	0	ND	12	0	ND
Chloromethane	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
Dibromochloromethane	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
1,1-Dichloroethane	13	0	ND	12	0	ND	13	12	0.24	13	0	ND	13	0	ND
1,2-Dichloroethane	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
1,1-Dichloroethene	13	0	ND	12	0	ND	13	13	0.12	13	0	ND	13	0	ND
1,2-Dichloropropane	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
cis-1,2-Dichloroethene	13	0	ND	12	0	ND	13	13	0.57	13	0	ND	13	1	0.396
cis-1,3-Dichloropropene	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
trans-1,3-Dichloropropene	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
Ethylbenzene	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
4-Methyl-2-pentanone	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
Styrene	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
Tetrachloroethene	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
1,1,2,2-Tetrachloroethane	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
Toluene	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
1,1,2-Trichloroethane	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	0	ND
Xylene (total)	13	0	ND	12	0	ND	13	0	ND	13	0	ND	13	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	13	12	0.28	13	12	0.01	14	13	0.03	13	13	0.032	14	0	ND	13	1	0.05
Methylene chloride	13	4	0.19	13	10	0.24	14	10	0.18	13	1	0.02	14	0	ND	13	0	ND
trans-1,2-Dichloroethene	13	11	0.25	13	12	0.120	14	13	0.35	13	12	0.014	14	0	ND	13	5	0.15
Trichloroethene	13	13	0.29	13	1	0.15	14	13	0.070	13	13	0.11	14	0	ND	13	1	0.06
Vinyl chloride	13	1	0.02	13	7	0.009	14	7	0.449	13	0	ND	14	0	ND	13	9	0.07
													14					
Volatile Organic Compounds													14					
Acetone	13	5	0.17	13	1	0.02	14	1	0.02	13	4	0.24	14	0	ND	13	1	0.06
Benzene	13	8	0.2	13	0	ND	14	12	0.02	13	0	ND	14	0	ND	13	0	ND
Bromodichloromethane	13	0	ND	13	0	ND	14	0	ND	13	0	ND	14	0	ND	13	0	ND
Bromoform	13	0	ND	13	0	ND	14	0	ND	13	0	ND	14	0	ND	13	0	ND
Bromomethane	13	0	ND	13	0	ND	14	0	ND	13	0	ND	14	0	ND	13	0	ND
2-Butanone	13	0	ND	13	0	ND	14	0	ND	13	0	ND	14	0	ND	13	0	ND
Carbon disulfide	13	0	ND	13	0	ND	14	0	ND	13	0	ND	14	0	ND	13	0	ND
Carbon tetrachloride	13	0	ND	13	0	ND	14	0	ND	13	1	0.02	14	0	ND	13	0	ND
Chlorobenzene	13	0	ND	13	0	ND	14	0	ND	13	0	ND	14	0	ND	13	0	ND
Chloroform (Trichloromethane)	13	0	ND	12	1	1.44	12	0	ND	12	1	1.39	13	0	ND	12	0	ND
Chloromethane	13	0	ND	13	0	ND	14	0	ND	13	0	ND	14	0	ND	13	0	ND
Dibromochloromethane	13	0	ND	13	0	ND	14	0	ND	13	0	ND	14	0	ND	13	0	ND
1,1-Dichloroethane	13	13	0.28	13	12	0.05	13	13	0.050	13	13	0.1	14	0	ND	13	13	0.28
1,2-Dichloroethane	13	0	ND	13	5	0.072	14	9	0.035	13	0	ND	14	0	ND	13	1	0.06
1,1-Dichloroethene	13	11	0.25	13	13	0.04	14	14	0.035	13	13	0.07	14	0	ND	13	2	0.05
1,2-Dichloropropane	13	0	ND	13	0	ND	14	5	0.496	13	0	ND	14	0	ND	13	0	ND
cis-1,2-Dichloroethene	13	13	0.29	13	12	0.087	14	13	0.067	13	13	0.006	14	2	0.67	13	11	0.28
cis-1,3-Dichloropropene	13	0	ND	13	0	ND	14	0	ND	13	0	ND	14	0	ND	13	0	ND
trans-1,3-Dichloropropene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	14	0	ND	13	0	ND
Ethylbenzene	13	12	0.275	13	0	ND	13	0	ND	13	0	ND	14	0	ND	13	0	ND
4-Methyl-2-pentanone	13	0	ND	13	0	ND	13	1	0.05	13	0	ND	14	0	ND	13	0	ND
Styrene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	14	0	ND	13	0	ND
Tetrachloroethene	13	13	0.280	13	0	ND	13	0	ND	13	2	0.22	14	0	ND	13	0	ND
1,1,2,2-Tetrachloroethane	13	0	ND	13	0	ND	13	0	ND	13	0	ND	14	0	ND	13	0	ND
Toluene	13	0	ND	13	0	ND	13	0	ND	13	0	ND	14	0	ND	13	0	ND
1,1,2-Trichloroethane	13	0	ND	13	9	0.21	13	0	ND	13	1	0.02	14	0	ND	13	0	ND
Xylene (total)	13	1	0.22	13	0	ND	13	0	ND	13	0	ND	14	0	ND	13	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		*Boundary Well* CRA-27B		*Boundary Well* CRA-31A		*Boundary Well* CRA-58		*Boundary Well* CRA-59		*Boundary Well* CRA-60	
				# Samples	*LCL*	*# Samples*	*LCL*	*# Samples*	*LCL*	*# Samples*	*LCL*	*# Samples*	*LCL*	*# Samples*	*LCL*
Site Specific Compounds															
1,1,1-Trichloroethane	µg/L	200	SOW	13	ND	13	ND	13	ND	13	9.5	13	ND	13	ND
Methylene chloride	µg/L	5	SOW	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
trans-1,2-Dichloroethene	µg/L	100	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Trichloroethene	µg/L	5	SOW	13	ND	13	ND	13	ND	13	**23**	13	ND	13	0.120
Vinyl chloride	µg/L	2	SOW	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Volatile Organic Compounds															
Acetone	µg/L	3500	DWEL	13	ND	13	ND	13	1.500	13	ND	13	1.200	13	ND
Benzene	µg/L	5	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Bromodichloromethane	µg/L	100	PMCL-1	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Bromoform	µg/L	100	PMCL-1	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Bromomethane	µg/L	40	DWEL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
2-Butanone	µg/L	21000	DWEL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Carbon disulfide	µg/L	3500	DWEL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Carbon tetrachloride	µg/L	5	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Chlorobenzene	µg/L	100	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Chloroform (Trichloromethane)	µg/L	100	PMCL-1	12	ND	12	ND	12	ND	12	ND	12	ND	12	ND
Chloromethane	µg/L	100	DWEL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Dibromochloromethane	µg/L	100	PMCL-1	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
1,1-Dichloroethane	µg/L	3500	DWEL	13	0.131	13	ND	13	ND	13	ND	13	ND	13	ND
1,2-Dichloroethane	µg/L	5	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
1,1-Dichloroethene	µg/L	7	PMCL	13	ND	13	ND	13	ND	13	1	13	ND	13	ND
cis-1,2-Dichloroethene	µg/L	70	PMCL	13	ND	13	ND	13	ND	13	29.1	13	ND	13	ND
1,2-Dichloropropane	µg/L	5	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
cis-1,3-Dichloropropene	µg/L	87	IWQS-2	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
trans-1,3-Dichloropropene	µg/L	87	IWQS-2	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Ethylbenzene	µg/L	700	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
4-Methyl-2-pentanone	µg/L	2800	DWEL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Styrene	µg/L	100	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
1,1,2,2-Tetrachloroethane	µg/L	1.7	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Tetrachloroethene	µg/L	5	IWQS	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Toluene	µg/L	1000	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
1,1,2-Trichloroethane	µg/L	5	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Xylene (total)	µg/L	10000	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	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 EWIN-1		Extraction Well EWIN-2		Extraction Well EWIN-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	11	ND	11	57.6	13	172	12	165	13	10.2	13	10.6	7	-0.078
Methylene chloride	µg/L	5	SOW	11	ND	11	ND	13	ND	12	ND	13	ND	13	ND	7	ND
trans-1,2-Dichloroethene	µg/L	100	PMCL	11	ND	11	0.460	13	5.850	12	6.72	13	0.07	13	0.950	7	ND
Trichloroethene	µg/L	5	SOW	11	ND	11	**521**	13	**707**	12	**306**	13	**34.0**	13	**30.9**	7	ND
Vinyl chloride	µg/L	2	SOW	11	ND	11	ND	13	ND	12	ND	13	0.171	13	ND	7	ND
				11													
Volatile Organic Compounds				11													
Acetone	µg/L	3500	DWEL	11	ND	11	ND	13	ND	12	-0.216	13	ND	13	ND	7	ND
Benzene	µg/L	5	PMCL	11	ND	11	0.130	13	0.627	12	-0.122	13	0.072	13	ND	7	ND
Bromodichloromethane	µg/L	100	PMCL-1	11	ND	11	ND	13	ND	12	ND	13	ND	13	ND	7	ND
Bromoform	µg/L	100	PMCL-1	11	ND	11	ND	13	ND	12	ND	13	ND	13	ND	7	ND
Bromomethane	µg/L	40	DWEL	11	ND	11	ND	13	ND	12	ND	13	ND	13	ND	7	ND
2-Butanone	µg/L	21000	DWEL	11	ND	11	ND	13	ND	12	ND	13	ND	13	ND	7	ND
Carbon disulfide	µg/L	3500	DWEL	11	ND	11	ND	13	ND	12	ND	13	ND	13	ND	7	ND
Carbon tetrachloride	µg/L	5	PMCL	11	ND	11	ND	13	ND	12	ND	13	ND	13	ND	7	ND
Chlorobenzene	µg/L	100	PMCL	11	ND	11	ND	13	ND	12	ND	13	ND	13	ND	7	ND
Chloroform (Trichloromethane)	µg/L	100	PMCL-1	10	ND	10	ND	12	1.88	12	1.280	12	ND	12	ND	7	ND
Chloromethane	µg/L	100	DWEL	11	ND	11	ND	13	ND	12	ND	13	ND	13	ND	7	ND
Dibromochloromethane	µg/L	100	PMCL-1	11	ND	11	ND	13	ND	12	ND	13	ND	13	ND	7	ND
1,1-Dichloroethane	µg/L	3500	DWEL	11	ND	11	1.39	13	18.5	12	22.8	13	0	13	1.11	7	ND
1,2-Dichloroethane	µg/L	5	PMCL	11	ND	11	ND	13	**9.20**	12	12.77	13	-0.408	13	0.480	7	ND
1,1-Dichloroethene	µg/L	7	PMCL	11	ND	11	4.365	13	6.50	12	11.66	13	0.570	13	0.990	7	0.470
cis-1,2-Dichloroethene	µg/L	70	PMCL	11	ND	11	3.570	13	280.1	12	**351**	13	0.2	13	11.7	7	2.23
1,2-Dichloropropane	µg/L	5	PMCL	11	ND	11	ND	13	0.63	12	0.710	13	ND	13	ND	7	ND
cis-1,3-Dichloropropene	µg/L	87	IWQS-2	11	ND	11	ND	13	ND	12	ND	13	ND	13	ND	7	ND
trans-1,3-Dichloropropene	µg/L	87	IWQS-2	11	ND	11	ND	13	ND	12	ND	13	ND	13	ND	7	ND
Ethylbenzene	µg/L	700	PMCL	11	ND	11	ND	13	ND	12	ND	13	ND	13	ND	7	ND
4-Methyl-2-pentanone	µg/L	2800	DWEL	11	ND	11	ND	13	ND	12	ND	13	1.230	13	ND	7	ND
Styrene	µg/L	100	PMCL	11	ND	11	ND	13	ND	12	ND	13	ND	13	ND	7	ND
1,1,2,2-Tetrachloroethane	µg/L	1.7	PMCL	11	ND	11	ND	13	ND	12	ND	13	ND	13	ND	7	ND
Tetrachloroethene	µg/L	5	IWQS	11	ND	11	ND	13	ND	12	**7.93**	13	0.118	13	ND	7	ND
Toluene	µg/L	1000	PMCL	11	0.120	11	ND	13	ND	12	ND	13	0.07	13	ND	7	ND
1,1,2-Trichloroethane	µg/L	5	PMCL	11	ND	11	0.260	13	0.7700	12	0.23	13	0.136	13	ND	7	ND
Xylene (total)	µg/L	10000	PMCL	11	ND	11	ND	13	ND	12	0.29	13	ND	13	ND	7	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	Background Well MW-3		Boundary Well CRA-24A		Boundary Well CRA-24B		Boundary Well CRA-25		Boundary Well CRA-34A		Boundary Well CRA-34B	
				# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL
Site Specific Compounds															
1,1,1-Trichloroethane	µg/L	200	SOW	13	ND	13	132	13	ND	13	ND	13	ND	13	ND
Methylene chloride	µg/L	5	SOW	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
trans-1,2-Dichloroethene	µg/L	100	PMCL	13	ND	13	1.3	13	ND	13	ND	13	ND	13	ND
Trichloroethene	µg/L	5	SOW	13	ND	13	**207**	13	ND	13	ND	13	ND	13	ND
Vinyl chloride	µg/L	2	SOW	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Volatile Organic Compounds															
Acetone	µg/L	3500	DWEL	13	ND	13	ND	13	1.250	13	ND	13	ND	13	-3.11
Benzene	µg/L	5	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Bromodichloromethane	µg/L	100	PMCL-1	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Bromoform	µg/L	100	PMCL-1	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Bromomethane	µg/L	40	DWEL	13	ND	13	ND	13	0.240	13	ND	13	ND	13	ND
2-Butanone	µg/L	21000	DWEL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Carbon disulfide	µg/L	3500	DWEL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Carbon tetrachloride	µg/L	5	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Chlorobenzene	µg/L	100	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Chloroform (Trichloromethane)	µg/L	100	PMCL-1	12	ND	11	ND	11	ND	11	ND	11	ND	11	ND
Chloromethane	µg/L	100	DWEL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Dibromochloromethane	µg/L	100	PMCL-1	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
1,1-Dichloroethane	µg/L	3500	DWEL	13	ND	13	7.7	13	ND	13	ND	13	ND	13	ND
1,2-Dichloroethane	µg/L	5	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
1,1-Dichloroethene	µg/L	7	PMCL	13	ND	13	**10.3**	13	ND	13	ND	13	ND	13	ND
cis-1,2-Dichloroethene	µg/L	70	PMCL	13	ND	13	16.3	13	ND	13	ND	13	ND	13	ND
1,2-Dichloropropane	µg/L	5	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
cis-1,3-Dichloropropene	µg/L	87	IWQS-2	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
trans-1,3-Dichloropropene	µg/L	87	IWQS-2	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Ethylbenzene	µg/L	700	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
4-Methyl-2-pentanone	µg/L	2800	DWEL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Styrene	µg/L	100	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
1,1,2,2-Tetrachloroethane	µg/L	1.7	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Tetrachloroethene	µg/L	5	IWQS	13	0.07	13	ND	13	ND	13	ND	13	ND	13	ND
Toluene	µg/L	1000	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
1,1,2-Trichloroethane	µg/L	5	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Xylene (total)	µg/L	10000	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	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	Chemical Trend Well CRA-20A # Samples	Chemical Trend Well CRA-20A LCL	Chemical Trend Well CRA-22A # Samples	Chemical Trend Well CRA-22A LCL	Extraction Well EWIS-1 # Samples	Extraction Well EWIS-1 LCL	Extraction Well EWIS-2 # Samples	Extraction Well EWIS-2 LCL	Extraction Well EWIS-3 # Samples	Extraction Well EWIS-3 LCL	Extraction Well EWIS-4 # Samples	Extraction Well EWIS-4 LCL
Site Specific Compounds															
1,1,1-Trichloroethane	µg/L	200	SOW	13	31.5	13	47	13	20.1	13	47.0	11	74.1	13	21.5
Methylene chloride	µg/L	5	SOW	13	ND	13	ND	13	1.330	13	ND	11	0.1800	13	0.130
trans-1,2-Dichloroethene	µg/L	100	PMCL	13	5.60	13	0.650	13	11.2	13	11.13	11	ND	13	0.206
Trichloroethene	µg/L	5	SOW	13	4.30	13	**51**	13	1.1	13	**46.6**	11	**85.0**	13	2.6
Vinyl chloride	µg/L	2	SOW	13	**135.0**	13	ND	13	**30.8**	13	**44.6**	11	ND	13	ND
Volatile Organic Compounds															
Acetone	µg/L	3500	DWEL	13	ND	13	ND	13	ND	13	0.25	11	ND	13	ND
Benzene	µg/L	5	PMCL	13	3.50	13	ND	13	1.400	13	0.500	11	ND	13	ND
Bromodichloromethane	µg/L	100	PMCL-1	13	ND	13	ND	13	ND	13	ND	11	ND	13	ND
Bromoform	µg/L	100	PMCL-1	13	ND	13	ND	13	ND	13	ND	11	ND	13	ND
Bromomethane	µg/L	40	DWEL	13	ND	13	ND	13	ND	13	ND	11	ND	13	ND
2-Butanone	µg/L	21000	DWEL	13	ND	13	ND	13	ND	13	ND	11	ND	13	ND
Carbon disulfide	µg/L	3500	DWEL	13	ND	13	ND	13	ND	13	ND	11	ND	13	ND
Carbon tetrachloride	µg/L	5	PMCL	13	ND	13	ND	13	ND	13	-0.692	11	ND	13	ND
Chlorobenzene	µg/L	100	PMCL	13	0.250	13	ND	13	ND	13	ND	11	ND	13	ND
Chloroform (Trichloromethane)	µg/L	100	PMCL-1	11	2.030	11	9.64	11	ND	11	0.420	11	5.26	11	1.85
Chloromethane	µg/L	100	DWEL	13	ND	13	ND	13	ND	13	ND	11	ND	13	ND
Dibromochloromethane	µg/L	100	PMCL-1	13	ND	13	ND	13	ND	13	ND	11	ND	13	ND
1,1-Dichloroethane	µg/L	3500	DWEL	13	1110	13	21.6	13	133	13	244	11	6.02	13	6.7
1,2-Dichloroethane	µg/L	5	PMCL	13	0.800	13	ND	13	**8.02**	13	1.00	11	ND	13	0.33
1,1-Dichloroethene	µg/L	7	PMCL	13	**14.36**	13	1.90	13	1.600	13	4.65	11	5.87	13	1.91
cis-1,2-Dichloroethene	µg/L	70	PMCL	13	**1617.3**	13	6.5	13	**162.4**	13	**197**	11	2.25	13	5.73
1,2-Dichloropropane	µg/L	5	PMCL	13	1.70	13	ND	13	ND	13	0.154	11	ND	13	ND
cis-1,3-Dichloropropene	µg/L	87	IWQS-2	13	ND	13	ND	13	ND	13	ND	11	ND	13	ND
trans-1,3-Dichloropropene	µg/L	87	IWQS-2	13	ND	13	ND	13	ND	13	ND	11	ND	13	ND
Ethylbenzene	µg/L	700	PMCL	13	13.4	13	ND	13	1.000	13	-0.01794	11	ND	13	ND
4-Methyl-2-pentanone	µg/L	2800	DWEL	13	ND	13	ND	13	ND	13	ND	11	ND	13	ND
Styrene	µg/L	100	PMCL	13	ND	13	ND	13	ND	13	ND	11	ND	13	ND
1,1,2,2-Tetrachloroethane	µg/L	1.7	PMCL	13	ND	13	ND	13	ND	13	ND	11	ND	13	ND
Tetrachloroethene	µg/L	5	IWQS	13	**5.30**	13	**5.95**	13	-0.916	13	3.35	11	4.48	13	**12.7**
Toluene	µg/L	1000	PMCL	13	3.50	13	ND	13	-0.114	13	0.135	11	ND	13	ND
1,1,2-Trichloroethane	µg/L	5	PMCL	13	1.020	13	0.206	13	ND	13	0.155	11	0.199	13	ND
Xylene (total)	µg/L	10000	PMCL	13	42.4	13	ND	13	0.830	13	-0.01794	11	ND	13	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	Background Well MW-3		Boundary Well CRA-16B		Boundary Well CRA-48		Boundary Well MW-9		Boundary Well MW-25		Boundary Well MW-48	
				# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL
Site Specific Compounds															
1,1,1-Trichloroethane	µg/L	200	SOW	13	ND	13	ND	13	22.17	13	ND	13	ND	13	ND
Methylene chloride	µg/L	5	SOW	13	ND	13	ND	13	ND	13	0.2	13	ND	13	ND
trans-1,2-Dichloroethene	µg/L	100	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Trichloroethene	µg/L	5	SOW	13	ND	13	ND	13	ND	13	0.2	13	ND	13	ND
Vinyl chloride	µg/L	2	SOW	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Volatile Organic Compounds															
Acetone	µg/L	3500	DWEL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Benzene	µg/L	5	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Bromodichloromethane	µg/L	100	PMCL-1	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Bromoform	µg/L	100	PMCL-1	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Bromomethane	µg/L	40	DWEL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
2-Butanone	µg/L	21000	DWEL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Carbon disulfide	µg/L	3500	DWEL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Carbon tetrachloride	µg/L	5	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Chlorobenzene	µg/L	100	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Chloroform (Trichloromethane)	µg/L	100	PMCL-1	12	ND	12	ND	12	ND	12	ND	12	ND	12	ND
Chloromethane	µg/L	100	DWEL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Dibromochloromethane	µg/L	100	PMCL-1	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
1,1-Dichloroethane	µg/L	3500	DWEL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
1,2-Dichloroethane	µg/L	5	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
1,1-Dichloroethene	µg/L	7	PMCL	13	ND	13	ND	13	1.08	13	ND	13	ND	13	ND
cis-1,2-Dichloroethene	µg/L	70	PMCL	13	ND	13	ND	13	0.206	13	ND	13	ND	13	ND
1,2-Dichloropropane	µg/L	5	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
cis-1,3-Dichloropropene	µg/L	87	IWQS-2	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
trans-1,3-Dichloropropene	µg/L	87	IWQS-2	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Ethylbenzene	µg/L	700	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
4-Methyl-2-pentanone	µg/L	2800	DWEL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Styrene	µg/L	100	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
1,1,2,2-Tetrachloroethane	µg/L	1.7	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Tetrachloroethene	µg/L	5	IWQS	13	0.07	13	0.32	13	ND	13	ND	13	ND	13	ND
Toluene	µg/L	1000	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
1,1,2-Trichloroethane	µg/L	5	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	ND
Xylene (total)	µg/L	10000	PMCL	13	ND	13	ND	13	ND	13	ND	13	ND	13	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*	*Chemical Trend Well* CRA-16A		*Chemical Trend Well* CRA-33		*Extraction Well* EW2N-2		*Extraction Well* EW2N-3		*Extraction Well* EW2N-4	
				# Samples	*LCL*	*# Samples*	*LCL*	*# Samples*	*LCL*	*# Samples*	*LCL*	*# Samples*	*LCL*
Site Specific Compounds													
1,1,1-Trichloroethane	µg/L	200	SOW	13	5.05	13	1.9	13	ND	12	0.24	13	9.17
Methylene chloride	µg/L	5	SOW	13	ND	13	6.51	13	ND	12	ND	13	ND
trans-1,2-Dichloroethene	µg/L	100	PMCL	13	0.25	13	17.07	13	ND	12	ND	13	ND
Trichloroethene	µg/L	5	SOW	13	4.7	13	1.55	13	ND	12	ND	13	ND
Vinyl chloride	µg/L	2	SOW	13	ND	13	**78.2**	13	ND	12	ND	13	ND
Volatile Organic Compounds													
Acetone	µg/L	3500	DWEL	13	0.54	13	0.12	13	ND	12	ND	13	ND
Benzene	µg/L	5	PMCL	13	ND	13	**9.65**	13	ND	12	ND	13	ND
Bromodichloromethane	µg/L	100	PMCL-1	13	ND	13	ND	13	ND	12	ND	13	ND
Bromoform	µg/L	100	PMCL-1	13	ND	13	ND	13	ND	12	ND	13	ND
Bromomethane	µg/L	40	DWEL	13	ND	13	ND	13	ND	12	ND	13	ND
2-Butanone	µg/L	21000	DWEL	13	ND	13	ND	13	ND	12	ND	13	ND
Carbon disulfide	µg/L	3500	DWEL	13	ND	13	ND	13	ND	12	ND	13	ND
Carbon tetrachloride	µg/L	5	PMCL	13	ND	13	ND	13	ND	12	ND	13	ND
Chlorobenzene	µg/L	100	PMCL	13	ND	13	ND	13	ND	12	ND	13	ND
Chloroform (Trichloromethane)	µg/L	100	PMCL-1	12	ND	12	ND	12	ND	12	ND	12	ND
Chloromethane	µg/L	100	DWEL	13	ND	13	ND	13	ND	12	ND	13	ND
Dibromochloromethane	µg/L	100	PMCL-1	13	ND	13	ND	13	ND	12	ND	13	ND
1,1-Dichloroethane	µg/L	3500	DWEL	13	0.872	13	277	13	ND	12	ND	13	1.63
1,2-Dichloroethane	µg/L	5	PMCL	13	ND	13	**42.63**	13	ND	12	ND	13	ND
1,1-Dichloroethene	µg/L	7	PMCL	13	0.333	13	1.5	13	ND	12	ND	13	0.6
cis-1,2-Dichloroethene	µg/L	70	PMCL	13	4.94	13	**345**	13	ND	12	ND	13	9.57
1,2-Dichloropropane	µg/L	5	PMCL	13	ND	13	1.84	13	ND	12	ND	13	ND
cis-1,3-Dichloropropene	µg/L	87	IWQS-2	13	ND	13	ND	13	ND	12	ND	13	ND
trans-1,3-Dichloropropene	µg/L	87	IWQS-2	13	ND	13	ND	13	ND	12	ND	13	ND
Ethylbenzene	µg/L	700	PMCL	13	ND	13	ND	13	ND	12	ND	13	ND
4-Methyl-2-pentanone	µg/L	2800	DWEL	13	ND	13	674.7	13	ND	12	ND	13	ND
Styrene	µg/L	100	PMCL	13	ND	13	ND	13	ND	12	ND	13	ND
1,1,2,2-Tetrachloroethane	µg/L	1.7	PMCL	13	ND	13	ND	13	ND	12	ND	13	ND
Tetrachloroethene	µg/L	5	IWQS	13	**114**	13	-0.716	13	ND	12	ND	13	ND
Toluene	µg/L	1000	PMCL	13	ND	13	6.51	13	ND	12	ND	13	ND
1,1,2-Trichloroethane	µg/L	5	PMCL	13	ND	13	ND	13	ND	12	ND	13	ND
Xylene (total)	µg/L	10000	PMCL	13	0.136	13	ND	13	ND	12	ND	13	ND

Notes:
LCL - Lower Confidence Limit (99% probability)
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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	
				# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL	# Samples	LCL
Site Specific Compounds													
1,1,1-Trichloroethane	µg/L	200	SOW	13	ND	12	ND	13	51.3	13	ND	13	ND
Methylene chloride	µg/L	5	SOW	13	ND	12	ND	13	ND	13	ND	13	ND
trans-1,2-Dichloroethene	µg/L	100	PMCL	13	ND	12	ND	13	ND	13	ND	13	ND
Trichloroethene	µg/L	5	SOW	13	0.13	12	ND	13	0.32	13	ND	13	ND
Vinyl chloride	µg/L	2	SOW	13	ND	12	ND	13	ND	13	ND	13	ND
Volatile Organic Compounds													
Acetone	µg/L	3500	DWEL	13	ND	12	0.55	13	0.55	13	ND	13	ND
Benzene	µg/L	5	PMCL	13	ND	12	ND	13	ND	13	ND	13	ND
Bromodichloromethane	µg/L	100	PMCL-1	13	ND	12	ND	13	ND	13	ND	13	ND
Bromoform	µg/L	100	PMCL-1	13	ND	12	ND	13	ND	13	ND	13	ND
Bromomethane	µg/L	40	DWEL	13	ND	12	ND	13	ND	13	ND	13	ND
2-Butanone	µg/L	21000	DWEL	13	ND	12	ND	13	ND	13	ND	13	ND
Carbon disulfide	µg/L	3500	DWEL	13	ND	12	ND	13	ND	13	ND	13	ND
Carbon tetrachloride	µg/L	5	PMCL	13	ND	12	ND	13	ND	13	ND	13	ND
Chlorobenzene	µg/L	100	PMCL	13	ND	12	ND	13	ND	13	ND	13	ND
Chloroform (Trichloromethane)	µg/L	100	PMCL-1	11	ND	12	ND	11	ND	11	ND	11	ND
Chloromethane	µg/L	100	DWEL	13	ND	12	ND	13	ND	13	ND	13	ND
Dibromochloromethane	µg/L	100	PMCL-1	13	ND	12	ND	13	ND	13	ND	13	ND
1,1-Dichloroethane	µg/L	3500	DWEL	13	ND	12	ND	13	6.23	13	ND	13	ND
1,2-Dichloroethane	µg/L	5	PMCL	13	ND	12	ND	13	ND	13	ND	13	ND
1,1-Dichloroethene	µg/L	7	PMCL	13	ND	12	ND	13	3.20	13	ND	13	ND
cis-1,2-Dichloroethene	µg/L	70	PMCL	13	ND	12	ND	13	1.8	13	ND	13	0.27
1,2-Dichloropropane	µg/L	5	PMCL	13	ND	12	ND	13	ND	13	ND	13	ND
cis-1,3-Dichloropropene	µg/L	87	IWQS-2	13	ND	12	ND	13	ND	13	ND	13	ND
trans-1,3-Dichloropropene	µg/L	87	IWQS-2	13	ND	12	ND	13	ND	13	ND	13	ND
Ethylbenzene	µg/L	700	PMCL	13	ND	12	ND	13	ND	13	ND	13	ND
4-Methyl-2-pentanone	µg/L	2800	DWEL	13	ND	12	ND	13	ND	13	ND	13	ND
Styrene	µg/L	100	PMCL	13	ND	12	ND	13	ND	13	ND	13	ND
1,1,2,2-Tetrachloroethane	µg/L	1.7	PMCL	13	ND	12	ND	13	ND	13	ND	13	ND
Tetrachloroethene	µg/L	5	IWQS	13	ND	12	ND	13	ND	13	ND	13	ND
Toluene	µg/L	1000	PMCL	13	ND	12	ND	13	ND	13	ND	13	ND
1,1,2-Trichloroethane	µg/L	5	PMCL	13	ND	12	ND	13	ND	13	ND	13	ND
Xylene (total)	µg/L	10000	PMCL	13	ND	12	ND	13	ND	13	ND	13	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-39*		*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*	*# Samples*	*LCL*
Site Specific Compounds															
1,1,1-Trichloroethane	µg/L	200	SOW	13	19.6	13	126.4	14	1.57	13	**136.4**	13	ND	13	0.189
Methylene chloride	µg/L	5	SOW	13	0.92	13	4.66	14	1.33	13	-0.0996	13	ND	13	ND
trans-1,2-Dichloroethene	µg/L	100	PMCL	13	1.11	13	10.35	14	3.17	13	1.43	13	ND	13	0.500
Trichloroethene	µg/L	5	SOW	13	**293.3**	13	0.66	14	**10.1**	13	**33.03**	13	ND	13	0.171
Vinyl chloride	µg/L	2	SOW	13	0.85	13	0.86	14	0.281	13	ND	13	ND	13	0.35
Volatile Organic Compounds															
Acetone	µg/L	3500	DWEL	13	4.26	13	8.85	14	0.3	13	-0.780	13	ND	13	0.55
Benzene	µg/L	5	PMCL	13	0.241	13	ND	14	1.23	13	ND	13	ND	13	ND
Bromodichloromethane	µg/L	100	PMCL-1	13	ND	13	ND	14	ND	13	ND	13	ND	13	ND
Bromoform	µg/L	100	PMCL-1	13	ND	13	ND	14	ND	13	ND	13	ND	13	ND
Bromomethane	µg/L	40	DWEL	13	ND	13	ND	14	ND	13	ND	13	ND	13	ND
2-Butanone	µg/L	21000	DWEL	13	ND	13	ND	14	ND	13	ND	13	ND	13	ND
Carbon disulfide	µg/L	3500	DWEL	13	ND	13	ND	14	ND	13	ND	13	ND	13	ND
Carbon tetrachloride	µg/L	5	PMCL	13	ND	13	ND	14	ND	13	ND	13	ND	13	ND
Chlorobenzene	µg/L	100	PMCL	13	ND	13	ND	14	ND	13	ND	13	ND	13	ND
Chloroform (Trichloromethane)	µg/L	100	PMCL-1	11	ND	11	-0.177	11	ND	11	-0.160	11	ND	11	ND
Chloromethane	µg/L	100	DWEL	13	ND	13	ND	14	ND	13	ND	13	ND	13	ND
Dibromochloromethane	µg/L	100	PMCL-1	13	ND	13	ND	14	ND	13	ND	13	ND	13	ND
1,1-Dichloroethane	µg/L	3500	DWEL	13	53.3	13	244.66	12	132.55	13	30.11	13	ND	13	49.9
1,2-Dichloroethane	µg/L	5	PMCL	13	ND	13	0.104	14	1.3	13	ND	13	ND	13	0.189
1,1-Dichloroethene	µg/L	7	PMCL	13	1.556	13	**8.5**	14	1.38	13	**11.95**	13	ND	13	0.194
cis-1,2-Dichloroethene	µg/L	70	PMCL	13	**191.35**	13	**595.02**	12	**253.5**	13	**79.23**	13	2.250	13	27.4
1,2-Dichloropropane	µg/L	5	PMCL	13	ND	13	ND	14	0.223	13	ND	13	ND	13	ND
cis-1,3-Dichloropropene	µg/L	87	IWQS-2	13	ND	13	ND	14	ND	13	ND	13	ND	13	ND
trans-1,3-Dichloropropene	µg/L	87	IWQS-2	13	ND	13	ND	14	ND	13	ND	13	ND	13	ND
Ethylbenzene	µg/L	700	PMCL	13	3.14	13	ND	14	ND	13	ND	13	ND	13	ND
4-Methyl-2-pentanone	µg/L	2800	DWEL	13	ND	13	ND	14	0.359	13	ND	13	ND	13	ND
Styrene	µg/L	100	PMCL	13	ND	13	ND	14	ND	13	ND	13	ND	13	ND
1,1,2,2-Tetrachloroethane	µg/L	1.7	PMCL	13	ND	13	ND	14	ND	13	ND	13	ND	13	ND
Tetrachloroethene	µg/L	5	IWQS	13	**10.32**	13	ND	14	ND	13	-0.121	13	ND	13	ND
Toluene	µg/L	1000	PMCL	13	ND	13	ND	14	ND	13	ND	13	ND	13	ND
1,1,2-Trichloroethane	µg/L	5	PMCL	13	ND	13	0.425	14	ND	13	-0.0996	13	ND	13	ND
Xylene (total)	µg/L	10000	PMCL	13	-1.42	13	ND	14	ND	13	ND	13	ND	13	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 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)*	*May-02 Results(3) (ug/L)*
Trichloroethene	5	ND (0.5)	CRA-28	CT	**690**
			CRA-42	CT	**1300**
			CRA-58	CT	0.5
			MW-36	CT	**120**
			EW1N-1	E	**74**
			EW1N-2	E	**40**
1,2-Dichloroethane	5	ND (0.5)	CRA-42	CT	**21**
cis-1,2-Dichloroethene	70	ND (1)	MW-36	CT	**46**
			CRA-42	CT	**277**
Tetrachloroethene	5	ND (0.5)	MW-36	CT	**13**

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)*	*May-02 Results(3) (ug/L)*
Trichloroethene	5	ND (0.5)	CRA-22A	CT	**97**
			CRA-24A	B	**4.4**
			EW1S-2	E	**81**
			EW1S-3	E	**140**
Vinyl Chloride	2	ND (0.5)	CRA-20A	CT	**23**
			EW1S-1	E	**10**
			EW1S-2	E	**100**
1,2-Dichloroethane	5	ND (0.5)	EW1S-1	E	**1**
cis-1,2-Dichloroethene	70	ND (0.5)	CRA-20A	CT	**330**
			EW1S-1	E	**49**
			EW1S-2	E	**500**
Tetrachloroethene	5	ND (0.7)	CRA-20A	CT	0.45
			CRA-22A	CT	**3.9**
			EW1S-4	E	**5**
1,1- Dichloroethene	7	ND (0.5)	CRA-20A	CT	**1.2**
			CRA-24A	B	0.25

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)*	*May-02 Results(3) (ug/L)*
Vinyl Chloride	2	ND (0.5)	CRA-33	CT	**11**
Benzene	5	ND (0.5)	CRA-33	CT	**17**
1,2-Dichloroethane	5	ND (0.5)	CRA-33	CT	**80**
cis-1,2-Dichloroethene	70	ND (0.5)	CRA-33	CT	**94**
Tetrachloroethene	5	ND (0.7)	CRA-16A	CT	**57**

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)*	*May-02 Results(3) (ug/L)*
1,1,1-Trichloroethane	200	ND(0.5)	EWSL-2	E	**210**
Trichloroethene	5	ND(0.5)	CRA-39	CT	**97**
			EWSL-1	E	**13**
			EWSL-2	E	**97**
cis-1,2-Dichloroethene	70	ND(0.5)	CRA-39	CT	**210**
			CRA-54	CT	**1400**
			EWSL-1	E	**230**
			EWSL-2	E	**210**
1,1-Dichloroethene	7	ND(0.5)	CRA-54	CT	**ND(25)**
			EWSL-2	E	**5.4**
Tetrachloroethene	5	ND(0.5)	CRA-39	CT	**6.9**

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*	*May-02 Results (ug/L)*
Trichloroethene	µg/L	5	SOW	CRA-28	11	***521***	**690**
			SOW	CRA-42	13	***707***	**1300**
			SOW	CRA-58	13	***23***	0.5
			SOW	MW-36	12	***306***	**120**
			SOW	EW1N-1	13	***34***	**74**
			SOW	EW1N-2	13	***30.9***	**40**
1,2-Dichloroethane	µg/L	5	PMCL	CRA-42	13	***9.2***	**21**
cis-1,2-Dichloroethene	µg/L	70	PMCL	MW-36	12	***351***	46
				CRA-42	13	***280.1***	**277**
Tetrachloroethene	µg/L	5	PMCL	MW-36	12	***7.93***	**13**

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*	*May-02 Results*
Trichloroethene	µg/L	5	SOW	CRA-22A	13	***51***	**97**
			SOW	CRA-24A	13	***207.4***	4.4
			SOW	EW1S-2	13	***46.6***	**81**
			SOW	EW1S-3	11	***85***	**140**
Vinyl Chloride	µg/L	2	SOW	CRA-20A	13	***135.01***	**23**
			SOW	EW1S-1	13	***30.8***	**10**
			SOW	EW1S-2	13	***44.6***	**100**
1,2-Dichloroethane	µg/L	5	PMCL	EW1S-1	13	***8.02***	1
cis-1,2-Dichloroethene	µg/L	70	IWQS-2	CRA-20A	13	***1617.3***	**330**
			IWQS-2	EW1S-1	13	***162.4***	49
			IWQS-2	EW1S-2	13	***197***	**500**
Tetrachloroethene	µg/L	5	IWQS	CRA-20A	13	***5.3***	0.45
			IWQS	CRA-22A	13	***5.95***	3.9
			IWQS	EW1S-4	13	***12.7***	5
1,1- Dichloroethene	µg/L	7	PMCL	CRA-20A	13	***14.36***	1.2
			PMCL	CRA-24A	13	***10.3***	0.25

<u>Notes:</u>
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

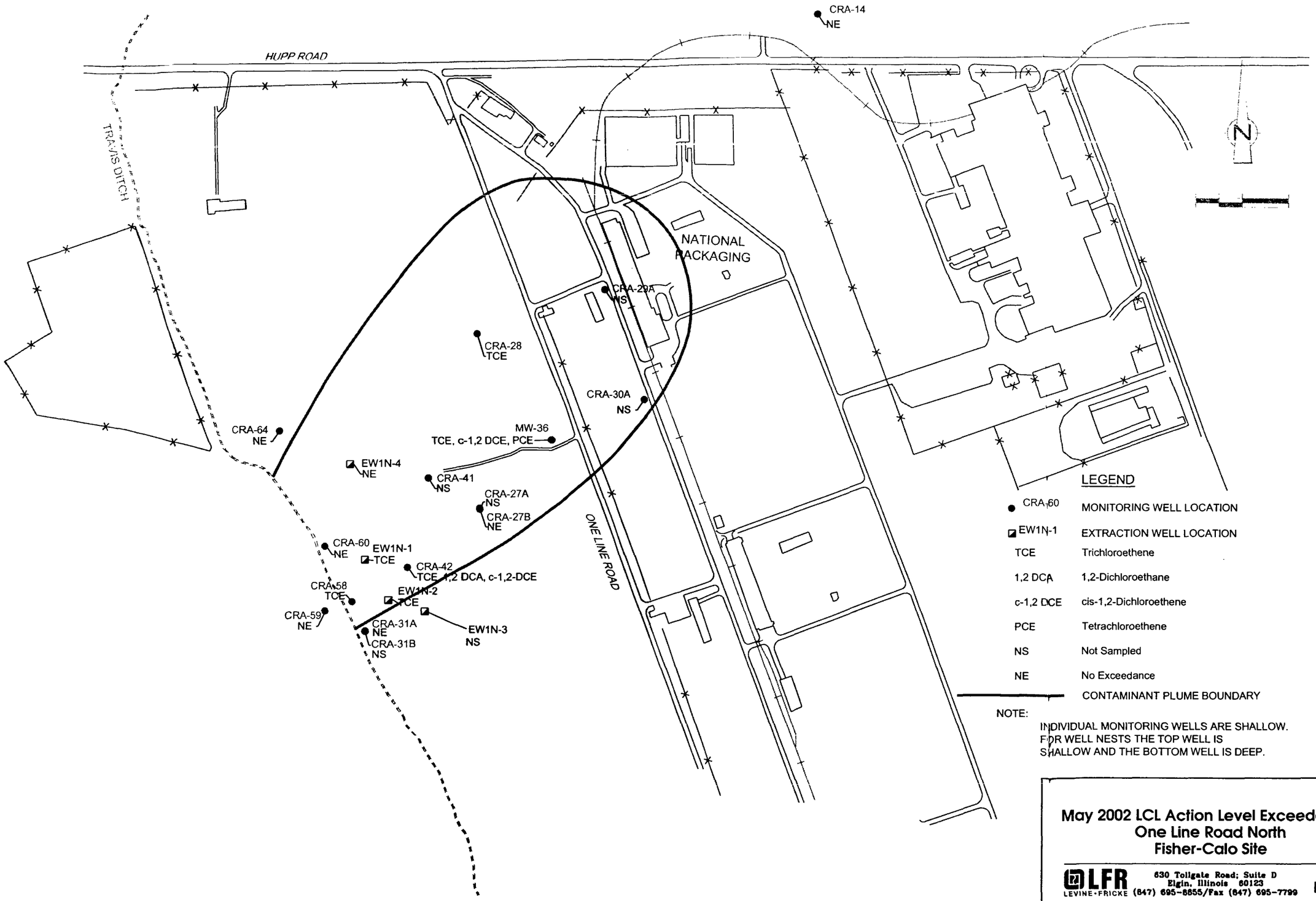
Analyte	*Units*	*Action Level*	*Source*	*Well*	*# Samples*	*LCL*	*May-02 Results*
Vinyl Chloride	μg/L	2	SOW	CRA-33	13	***78.2***	**11**
Benzene	μg/L	5	PMCL	CRA-33	13	***9.65***	**17**
1,2-Dichloroethane	μg/L	5	PMCL	CRA-33	13	***42.63***	**80**
cis-1,2-Dichloroethene	μg/L	70	PMCL	CRA-33	13	***345***	**94**
Tetrachloroethene	μg/L	5	IWQS	CRA-16A	13	***114***	**57**

<u>Notes:</u>
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*	*May-02 Results*
1,1,1-Trichloroethane	μg/L	200	SOW	EWSL-2	13	***136.4***	**210**
Trichloroethene	μg/L	5	SOW	CRA-39	13	***293.3***	**97**
			SOW	EWSL-1	14	***10.1***	**13**
			SOW	EWSL-2	13	***33***	**97.0**
cis-1,2-Dichloroethene	μg/L	70	PMCL	CRA-39	13	***191.35***	**210**
			PMCL	CRA-54	13	***595***	**1400**
			PMCL	EWSL-1	12	***253.5***	**230**
			PMCL	EWSL-2	13	***79.23***	**210**
1,1-Dichloroethene	μg/L	7	PMCL	CRA-54	13	***8.5***	**ND (25)**
			PMCL	EWSL-2	13	***11.95***	5.4
Tetrachloroethene	μg/L	5	IWQS	CRA-39	13	***10.32***	***6.9***

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



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

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

Figure 1

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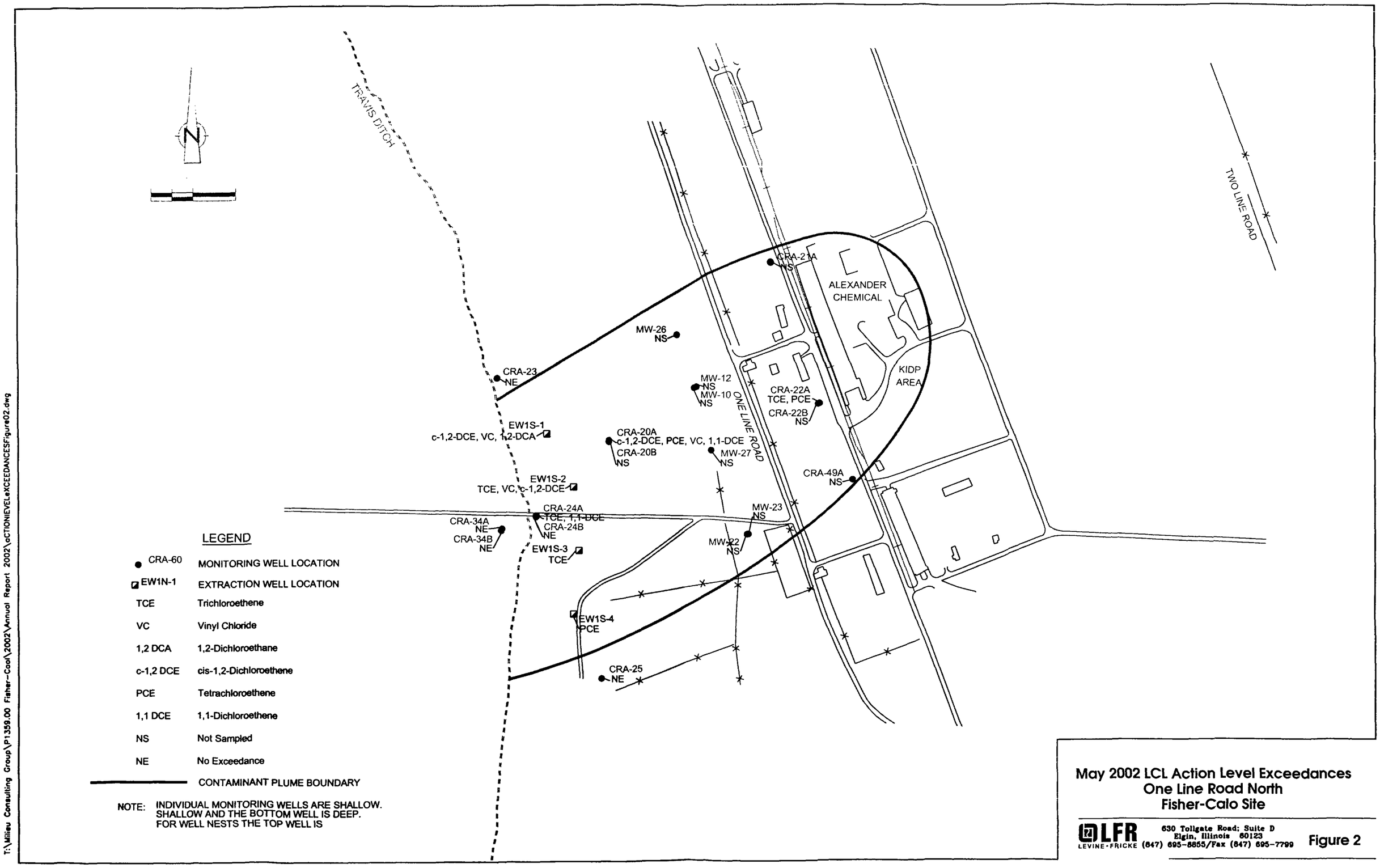

May 2002 LCL Action Level Exceedances
One Line Road North
Fisher-Calo Site

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Figure 2

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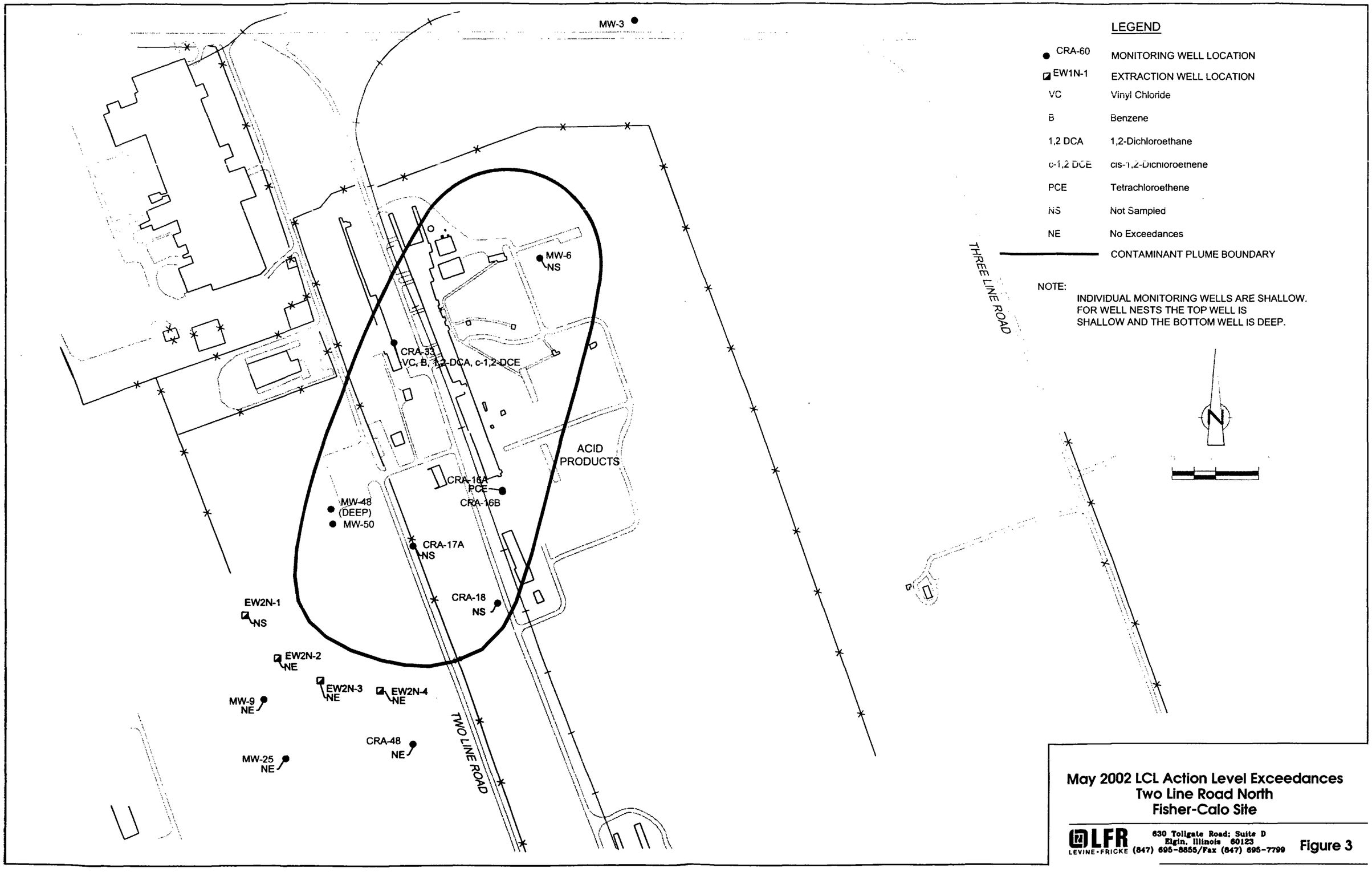

May 2002 LCL Action Level Exceedances
Two Line Road North
Fisher-Calo Site

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Figure 3

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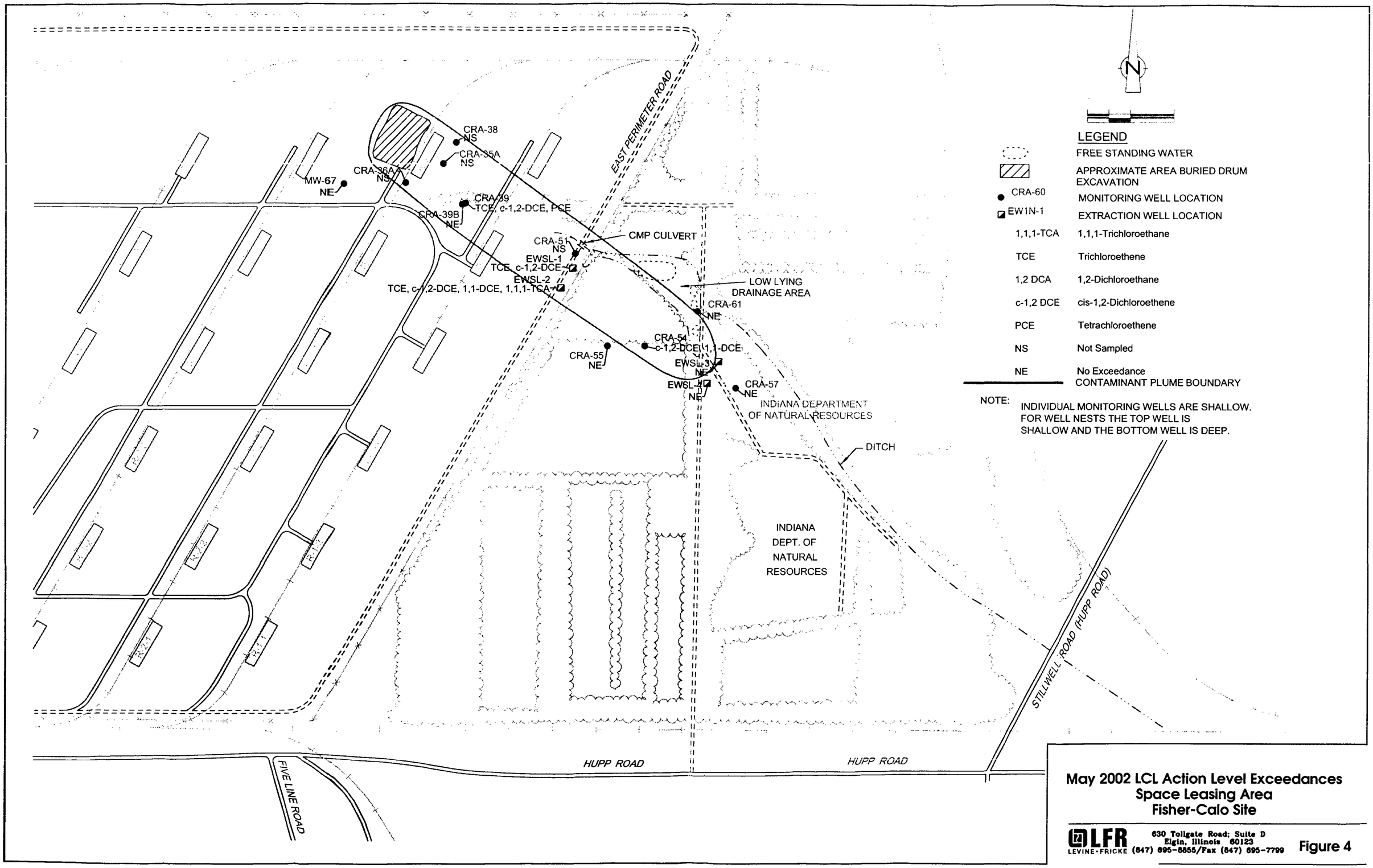

May 2002 LCL Action Level Exceedances
Space Leasing Area
Fisher-Calo Site

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Figure 4

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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-14*	*CRA-14*	*CRA-14*
Sample ID:		*GW-TMTR-057*	*GW-TMTR-116*	*GW-TMTR-149*	*GW-TMTR-183*	*GW-TMTR-003*	*GW-TMTR-083*	*GW-TMTR-117*	*GW-TMTR-171*	*GW-TMTR-034*	*GW-TM-128*	*TMMD-159*
Sample Date:		*6/2/1998*	*9/4/1998*	*12/9/1998*	*3/3/1999*	*6/9/1999*	*9/8/1999*	*12/7/1999*	*2/24/2000*	*6/14/2000*	*11/6/2000*	*5/21/2001*
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 (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 (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 (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 (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)
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	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 (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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	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 (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	ND (1) U	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 (0.5)
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	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 (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 (0.5)	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 (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)
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 (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 (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 (0.5)	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 (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)
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 (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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2) UJ	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	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 (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 (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)
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 (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 (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 (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 (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)
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 (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 (0.5)	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 (0.5)	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 (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)
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 (0.5)	ND (0.5)	ND (0.5)

TABLE I.1

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location		*CRA-14*	*CRA-14*	*CRA-27B*	*CRA-27B*	*CRA-27B*	*CRA-27B*	*CRA-27B*	*CRA-27B*	*CRA-27B*	*CRA-27B*	*CRA-27B*
Sample ID		*GW-110601-JPJN-10a*	*GW-050702-JMDL-26B*	*GW-IMTR-00a*	*GW-IMTR-12a*	*GW-IMTR-1a2*	*GW-IMTR-18a*	*GW-IMTR-010*	*GW-IMTR-001*	*GW-IMTR-124*	*GW-IMTR-17B*	*GW-IMTR-013*
Sample Date		11/8/2001	5/7/02	5/20/1998	9/9/1998	12/8/1998	3/3/1999	6/8/1999	9/8/1999	12/8/1999	3/24/2000	6/8/2000
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	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)
Vinyl chloride	ug/L	ND (0.5)	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)
Bromomethane	ug/L	ND (0.5)	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)
1,1-Dichloroethene	ug/L	ND (0.5)	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)
Carbon disulfide	ug/L	ND (2)	ND(5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND(5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	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)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	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)
1,1-Dichloroethane	ug/L	ND (0.5)	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)
cis-1,2-Dichloroethene	ug/L	ND (0.5)	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)
2-Butanone	ug/L	ND (2)	ND(5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Bromochloromethane	ug/L	ND (0.5)	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)
1,1,1-Trichloroethane	ug/L	ND (0.5)	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)
Carbon tetrachloride	ug/L	ND (0.5)	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)
Benzene	ug/L	ND (0.5)	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)
1,2-Dichloroethane	ug/L	ND (0.5)	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)
Trichloroethene	ug/L	ND (0.5)	0.65	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)
1,2-Dichloropropane	ug/L	ND (0.5)	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)
Bromodichloromethane	ug/L	ND (0.5)	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)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	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)
4-Methyl-2-pentanone	ug/L	ND (2)	ND(5)	ND (2) UJ	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	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)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	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)
1,1,2-Trichloroethane	ug/L	ND (0.5)	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)
Tetrachloroethene	ug/L	ND (0.5)	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)
Dibromochloromethane	ug/L	ND (0.5)	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)
Chlorobenzene	ug/L	ND (0.5)	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)
Ethylbenzene	ug/L	ND (0.5)	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)
Styrene	ug/L	ND (0.5)	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)
Bromoform	ug/L	ND (0.5)	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)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	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)
Xylene (total)	ug/L	ND (0.5)	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)

TABLE I.1

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*CRA-27B*	*CRA-27B*	*CRA-27B*	*CRA-27B*	*CRA-28*	*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-TMTR-002*	*GW-TMTR-002R*	*GW-TMTR-155*	*GW-TMTR-158*	*GW-TMTR-173*	*GW-TMTR-006*	*GW-TM-094*
Sample Date:		*10/31/2000*	*5/16/2001*	*11/8/2001*	*5/7/02*	*5/19/1998*	*9/11/1998*	*12/9/1998*	*12/14/1999*	*2/24/2000*	*6/8/2000*	*11/1/2000*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	ND(1.0)	13	6	3	7	6 J	4	1.3
Carbon disulfide	ug/L	ND (2.0)	ND (2)	ND (2)	ND(5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)
Acetone	ug/L	ND (2.0)	ND (2)	ND (2)	ND(5)	ND (2)	ND (2)	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(1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	1	1	0.9	0.6	0.6 J	0.5	ND (0.5)
1,1-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	12	16	14	9	8 J	8	2.3
cis-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND(1.0)	8	8	7	4	4 J	4	1.6
2-Butanone	ug/L	ND (2.0)	ND (2)	ND (2)	ND(5)	ND (2)	ND (2)	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(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)	110	170	160	89	100	96	95
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	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 (0.5)	ND(1.0)	ND (0.5)	0.6	0.6	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 (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 (0.5)	ND(1.0)	560	860	990	1000	1300	1000	1000
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	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 (0.5)	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 (0.5)	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 (2.0)	ND (2)	ND (2)	ND(5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	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 (0.5)	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 (0.5)	ND(1.0)	ND (0.5)	0.8	0.6	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 (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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	ND(1.0)	ND (0.5)	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 (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 (0.5)	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 (0.5)	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.1

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location		CRA-28	CRA-28	CRA-28	CRA-28	CRA-28 Dup	CRA-31A	CRA-31A	CRA-31A	CRA-31A	CRA-31A	CRA-31A
Sample ID		IMMD-146	GW-110801-JPJB-197	GW-110801-JPJB-199	GW-050702-JMDI-246	GW-050702-JMDI-247	GW-IMTR-017	GW-IMTR-105	GW-IMTR-151	GW-IMTR-181	GW-IMTR-00b	GW-IMTR-07b
Sample Date		5/16/2001	11/8/2001	11/8/2001	5/7/02	5/7/02	5/28/1998	9/8/1998	12/8/1998	3/2/1999	6/9/1999	9/8/1999
Parameter (Volatiles)	Unit											
Chloromethane	ug/l	ND (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/l	ND (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/l	ND (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/l	ND (2)	0.8	0.8	0.67	0.8	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	ug/l	ND (10)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/l	ND (10)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/l	ND (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	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 (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/l	ND (2)	1	1	ND (1)	ND (1)	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 (2)	0.7	1	0.48 J	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Butanone	ug/l	ND (10)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Tetrahydrofuran (Chloromethane)	ug/l	ND (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)		ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/l	83	70 J	60 J	45	44	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	ug/l	ND (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/l	ND (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/l	ND (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/l	1200	1100	1000	600	660	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	ug/l	ND (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/l	ND (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	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 (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	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 (10)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Toluene	ug/l	ND (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	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 (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	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 (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/l	ND (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/l	ND (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/l	ND (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/l	ND (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/l	ND (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/l	ND (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	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 (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/l	ND (2)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	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-31A*	*CRA-31A*	*CRA-31A*	*CRA-31A*	*CRA-31A*	*CRA-31A*	*CRA-31A*	*CRA-42*	*CRA-42*	*CRA-42*	*CRA-42*
Sample ID:		*GW-TMTR-120*	*GW-TMTR-172*	*GW-TMTR-001*	*GW-TM-086*	*TMMD-138*	*GW-110701-JPJB-187*	*GW-050702-JMDE-242*	*GW-TMTR-004*	*GW-TMTR-005*	*GW-TMTR-107*	*GW-TMTR-109*
Sample Date:		*12/7/1999*	*2/23/2000*	*6/6/2000*	*10/31/2000*	*5/16/2001*	*11/7/2001*	*5/7/2002*	*5/20/1998*	*5/20/1998*	*9/8/1998*	*9/8/1998*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (5)	ND (5)
Vinyl chloride	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (5)	ND (5)
Bromomethane	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (5)	ND (5)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	4	5	11	10
Carbon disulfide	ug/L	ND (2)	ND (10)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (20)	ND (20)
Acetone	ug/L	ND (2)	ND (10)	ND (2)	ND (2.0)	3	ND (2)	ND (5)	ND (2)	ND (2)	ND (20)	ND (20)
Methylene chloride	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (5)	ND (5)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	0.5	ND (0.5)	ND (5)	ND (5)
1,1-Dichloroethane	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	4	4	31	28
cis-1,2-Dichloroethene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	12	12	290	260
2-Butanone	ug/L	ND (2)	ND (10)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (20)	ND (20)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	-	-	ND (5)	ND (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 (1.0)	73	85	190	170
Carbon tetrachloride	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (5)	ND (5)
Benzene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (5)	ND (5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	3	3	15	13
Trichloroethene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	280	320	640	620
1,2-Dichloropropane	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (5)	ND (5)
Bromodichloromethane	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (5)	ND (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 (1.0)	ND (0.5)	ND (0.5)	ND (5)	ND (5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (10)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (20)	ND (20)
Toluene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (5)	ND (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 (1.0)	ND (0.5)	ND (0.5)	ND (5)	ND (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 (1.0)	ND (0.5)	ND (0.5)	ND (5)	ND (5)
Tetrachloroethene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (5)	ND (5)
Dibromochloromethane	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (5)	ND (5)
Chlorobenzene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (5)	ND (5)
Ethylbenzene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (5)	ND (5)
Styrene	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (5)	ND (5)
Bromoform	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (5)	ND (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 (1.0)	ND (0.5)	ND (0.5)	ND (5)	ND (5)
Xylene (total)	ug/L	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (5)	ND (5)

TABLE I.1

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location		CRA-42	CRA-42	CRA-42	CRA-42	CRA-42	CRA-42	CRA-42	CRA-42	CRA-42	CRA-42	CRA-42
Sample ID		GW-IMTR-168	GW-IMTR-170	GW-IMTR-185	GW-IMTR-187	GW-IMTR-005	GW-IMTR-082	GW-IMTR-084	GW-IMTR-126	GW-IMTR-128	GW-IMTR-180	GW-IMTR-011
Sample Date		12/8/1998	12/8/1998	1/6/1999	1/6/1999	6/10/1999	9/9/1999	9/9/1999	12/8/1999	12/8/1999	2/25/2000	6/7/2000
Parameter (Volatiles)	Unit											
Chloromethane	ug/L	ND (0.5)	ND (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 (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (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 (0.5)
Bromomethane	ug/L	ND (0.5)	ND (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 (0.5)
1,1-Dichloroethene	ug/L	11	10	14	17	7	9	8	9	11	8	7
Carbon disulfide	ug/L	ND (2)	ND (20)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (20)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.61 U)	ND (9.1 U)	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)
trans-1,2-Dichloroethene	ug/L	2	ND (5)	3	3	2	2	2	1	1	1	1
1,1-Dichloroethane	ug/L	31	26	29	32	19	19	16	13	13	13	20
cis-1,2-Dichloroethene	ug/L	340	310	280	310	180	110 J	140 J	120 J	90 J	110	130
2-Butanone	ug/L	ND (2)	ND (20)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	3	ND (5)	3	3	2	2	2	1	1	1	1
1,1,1-Trichloroethane	ug/L	340	320	260	280	200	160 J	200 J	210	180	230	180
Carbon tetrachloride	ug/L	ND (0.5)	ND (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 (0.5)
Benzene	ug/L	ND (0.5)	ND (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 (0.5)
1,2-Dichloroethane	ug/L	11	14	14	16	9	11	10	9	9	16	16
Trichloroethene	ug/L	800	700	680	770	610	590	660	680	570	700	560
1,2-Dichloropropane	ug/L	ND (0.5)	ND (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 (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (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 (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (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 (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (20)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (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 (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (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 (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (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 (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (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 (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (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 (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (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 (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (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 (0.5)
Styrene	ug/L	ND (0.5)	ND (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 (0.5)
Bromoform	ug/L	ND (0.5)	ND (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 (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (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 (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (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 (0.5)

TABLE I.1

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*CRA-42*	*CRA-42*	*CRA-42*	*CRA-42*	*CRA-42*	*CRA-42*	*CRA-58*	*CRA-58*	*CRA-58*	*CRA-58*	*CRA-58*
Sample ID:		*GW-TM-090*	*GW-TM-092*	*TMMD-148*	*TMMD-150*	*GW-110801-JPJB-193*	*GW-050702-JMDE-243*	*GW-TMTR-009*	*GW-TMTR-103*	*GW-TMTR-151*	*GW-TMTR-182*	*GW-TMTR-004*
Sample Date:		*11/1/2000*	*11/1/2000*	*5/16/2001*	*5/16/2001*	*11/8/2001*	*5/7/02*	*5/21/1998*	*9/8/1998*	*12/8/1998*	*3/3/1999*	*6/8/1999*
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 (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 (0.5)	ND (0.5)	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 (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	13	11	14	15	22 J	9.5	4	0.9	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	ug/L	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	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 (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	6.5 J	5.2 J	14	12	20 J	7.9	5	2	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	27	25	36	40	63 J	28	14	5	0.7	0.6	ND (0.5)
cis-1,2-Dichloroethene	ug/L	330	350	550	560	940 J	510	120 J	26	2	2	ND (0.5)
2-Butanone	ug/L	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	3.0	2.9	4	4	6 J	1.5	-	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	280	290	440	430	540 J	330	35	10	3	ND (0.5)	1
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 (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.9 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	18	16	23	23	27 J	21	14	6	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	930	960	1500	1300	2500	1300	61 J	9	2	1	0.9
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	0.5	1 J	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 (0.5)	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 (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2) UJ	ND (2)	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 (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 (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	0.8	0.7	1	1	2 J	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	ND (1.0)	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-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-078	GW-TMTR-118	GW-TMTR-167	GW-TMTR-007	GW-TM-084	TMMD-136	GW-110701-JPJB-189	GW-050702-JMDL-241	GW-TMTR-012	GW-TMTR-122	GW-TMTR-172
Sample Date		9/8/1999	12/7/1999	2/24/2000	6/7/2000	10/31/2000	7/16/2001	11/7/2001	5/7/02	5/21/1998	9/9/1998	12/9/1998
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 (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 (0.5)	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 (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/l	ND (0.5)	ND (0.5)	0.8	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	ug/l	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)
Acetone	ug/l	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	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 (0.5)	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 (0.5)	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 (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/l	ND (0.5)	ND (0.5)	0.8	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
2-Butanone	ug/l	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)
Bromochloromethane	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 (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/l	ND (0.5)	ND (0.5)	16	9	ND (0.5)	ND (0.5)	ND (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/l	ND (0.5)	ND (0.5)	70	31	0.8	ND (0.5)	0.5	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 (0.5)	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 (0.5)	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 (0.5)	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)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2) UJ	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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-59*	*CRA-59*	*CRA-59*	*CRA-59*	*CRA-59*	*CRA-60*
Sample ID:		*GW-TMTR-184*	*GW-TMTR-008*	*GW-TMTR-080*	*GW-TMTR-122*	*GW-TMTR-174*	*GW-TMTR-009*	*GW-TM-131*	*TMMD-143*	*GW-110801-JPJB-191*	*GW-050802-JMDE-270*	*GW-TMTR-011*
Sample Date:		*3/3/1999*	*6/10/1999*	*9/9/1999*	*12/7/1999*	*2/24/2000*	*6/7/2000*	*11/9/2000*	*5/17/2001*	*11/8/2001*	*5/8/02*	*5/21/1998*
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 (0.5)	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 (0.5)	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 (0.5)	ND (1.0)	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 (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	5	ND (2)	ND (5)	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 (0.5)	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)	ND (0.5)	ND (1.0)	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 (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	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 (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	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 (0.5)	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)	ND (0.5)	ND (0.5)	ND (1.0)	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 (0.5)	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 (0.5)	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 (0.5)	ND (1.0)	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 (0.5)	ND (0.5)	ND (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	ND (1.0)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2) UJ
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 (0.5)	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 (0.5)	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 (0.5)	ND (1.0)	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 (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	ND (1.0)	ND (0.5)

TABLE I.1

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location		*CRA-60*	*CRA-60*	*CRA-60*	*CRA-60*	*CRA-60*	*CRA-60*	*CRA-60*	*CRA-60*	*CRA-60*	*CRA-60*	*CRA-60*
Sample ID		GW-IMTR-118	GW-IMTR-164	GW-IMTR-180	GW-IMTR-002	GW-IMTR-005	GW-IMTR-115	GW-IMTR-17n	GW-IMTR-005	GW-IM-088	IMMD-140	GW-110701-JPJB-192
Sample Date		9/8/1998	12/8/1998	3/2/1999	6/8/1999	9/8/1999	12/7/1999	2/24/2000	6/2/2000	11/2/2000	5/16/2001	11/6/2001
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 (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 (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 (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 (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)
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	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 (0.5)	ND (0.5)	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 (0.5)	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 (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)
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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	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 (0.5)	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 (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)
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 (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 (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 (0.5)	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 (0.5)	ND (0.5)	ND (0.5)	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 (0.5)	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 (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)
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 (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	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 (0.5)	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 (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)
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 (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 (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 (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 (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)
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 (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) UJ	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 (0.5)	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 (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)
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 (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-64*	*CRA-64*	*CRA-64*	*CRA-64*	*CRA-64*	*CRA-64*	*CRA-64*	*CRA-64*	*CRA-64*	*CRA-64*
Sample ID:		*GW-050702-JMDE-240*	*TMTR-229*	*GW-TMTR-051*	*GW-TMTR-099*	*GW-TMTR-157*	*GW-TMTR-169*	*GW-TMTR-003*	*GW-TM-082*	*TMMD-142*	*GW-110701-JPJB-190*	*GW-050702-JMDE-239*
Sample Date:		*5/7/02*	*3/15/1999*	*6/23/1999*	*9/13/1999*	*12/14/1999*	*2/24/2000*	*6/6/2000*	*10/31/2000*	*5/16/2001*	*11/7/2001*	*5/7/02*
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 (0.5)	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 (0.5)	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 (0.5) UJ	ND (1.0)
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 (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Carbon disulfide	ug/L	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)
Acetone	ug/L	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)
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 (0.5)	ND (1.0)
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 (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
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 (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
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 (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
2-Butanone	ug/L	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)
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 (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
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 (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
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)	ND (0.5)	ND (0.5)	ND (1.0)
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 (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Trichloroethene	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)
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 (0.5)	ND (0.5)	ND (0.5)	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 (0.5)	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 (0.5)	ND (1.0)
4-Methyl-2-pentanone	ug/L	ND (5)	ND (2)	ND (2)	ND (2)	ND (2) UJ	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)
Toluene	ug/L	ND (1.0)	ND (0.5)	0.5 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	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 (0.5)	ND (1.0)
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 (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	ND (1.0)
Styrene	ug/L	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)	ND (0.5)	ND (0.5) UJ	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 (0.5)	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 (0.5)	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 (0.5)	ND (1.0)

TABLE I.1

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location		MW-3a	MW-3a	MW-3a	MW-3a	MW-3a	MW-3a	MW-3a	MW-3a	MW-3a	MW-3a	MW-3a
Sample ID		GW-TMTR-001	GW-TMTR-111	GW-TMTR-166	GW-TMTR-188	GW-TMTR-007	GW-TMTR-009	GW-TMTR-091	GW-TMTR-130	GW-TMTR-175	GW-TMTR-177	GW-TMTR-002
Sample Date		5/19/1998	9/9/1998	12/8/1998	1/6/1999	6/10/1999	6/10/1999	9/10/1999	12/8/1999	2/15/2000	2/15/2000	6/7/2000
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (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 (0.5)
Vinyl Chloride	ug/L	ND (0.5)	ND (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 (0.5)
Bromomethane	ug/L	ND (0.5)	ND (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 (0.5)
1,1-Dichloroethene	ug/L	46	8	9	11	9	9	7	9	8	8	5
Carbon disulfide	ug/L	ND (2)	ND (20)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (20)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	4
Methylene chloride	ug/L	ND (0.5)	ND (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 (0.5)
trans-1,2-Dichloroethene	ug/L	18	ND (5)	4	8	13	12	12	14	13	12	7
1,1-Dichloroethane	ug/L	11	11	27	36	46 J	65 J	59	52	49	47	30
cis-1,2-Dichloroethene	ug/L	510	350	790	790	740 J	1000 J	760	650	660	610	420
2-Butanone	ug/L	ND (2)	ND (20)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Bromodichloromethane	ug/L		ND (5)	3	4	2	2	2	1	0.8	0.8	0.6
1,1,1-Trichloroethane	ug/L	450	370	400	280	200 J	200 J	260	180	150	140	140
Carbon tetrachloride	ug/L	ND (0.5)	ND (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 (0.5)
Benzene	ug/L	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.5	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	4	ND (5)	5	12	28	28	36	28	19	18	15
Trichloroethene	ug/L	840	750	780	480	340 J	450 J	310	290	260	240	240
1,2-Dichloropropane	ug/L	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	1	1	ND (0.5)	2	2	2	1
Bromodichloromethane	ug/L	ND (0.5)	ND (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 (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (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 (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (20)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (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 (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (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 (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (5)	0.6	ND (0.5)	0.6	0.9	ND (0.5)	0.6	0.5	0.5	ND (0.5)
Tetrachloroethene	ug/L	23	19	23	15	11	10	10	11	10	10	8
Dibromochloromethane	ug/L	ND (0.5)	ND (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 (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (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 (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (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 (0.5)
Styrene	ug/L	ND (0.5)	ND (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 (0.5)
Bromoform	ug/L	ND (0.5)	ND (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 (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (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 (0.5)
Xylene (total)	ug/L	0.7	ND (5)	1	0.6	ND (0.5)	ND (0.5)	ND (0.5)	0.3 J	ND (0.5)	ND (0.5)	ND (0.5)

TABLE I.1

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*MW-36*	*MW-36*	*MW-36*	*MW-36*	*MW-36*	*EW1N-1*	*EW1N-1*	*EW1N-1*	*EW1N-1*	*EW1N-1*	*EW1N-1*
Sample ID:		*GW-TMTR-004*	*GW-TM-096*	*TMMD-144*	*GW-110801-JPJB-195*	*GW-050702JMDE-245*	*EW-TMTR-071*	*EW1N-TMTR-078*	*EW-TMTR-177*	*TMTR-221*	*GW-TMTR-022*	*EW-TMTR-086*
Sample Date:		*6/7/2000*	*11/1/2000*	*5/16/2001*	*11/8/2001*	*5/7/02*	*6/3/1998*	*8/28/1998*	*12/10/1998*	*3/14/1999*	*6/15/1999*	*9/9/1999*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	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 (0.5)	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 (0.5)	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	3	1.3	0.9	0.9 J	0.97J	0.7	0.7	2	0.6	0.6	1
Carbon disulfide	ug/L	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2.0)	ND (2)	3 J	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	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	5.3	2	2 J	0.78	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	32	22	11	15 J	9	1	1	1	1	1	0.7
cis-1,2-Dichloroethene	ug/L	470	190	84	70	46	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 (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	0.6	ND (0.5)	ND (0.5)	0.6 J	.33 J	-	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	150	79	60	61	65	27	30	33	29	23	19
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	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)	ND (0.5)	ND (0.5)	ND (0.5)	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	16	8.6	3	3 J	1.6	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	240	140	120	120	98	120 J	97	89	92	81	65
1,2-Dichloropropane	ug/L	1	0.9	1	1 J	.54 J	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 (0.5)	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 (0.5)	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 (2.0)	ND (2)	ND (2)	ND (5)	ND (2) UJ	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	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 (0.5)	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)	0.5 J	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	9	8.4	8	9 J	13	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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		LWIN-1	LWIN-1	LWIN-1	LWIN-1	LWIN-1	LWIN-1	LWIN-1	LWIN-1	LWIN-1	LWIN-2	LWIN-2
Sample ID		LW-TMTR-152	LW-TMTR-209	LW-TMTR-210	LW-TMTR-060	LW-TM-116	IMMD-165	IMMD-165	LW-111301-JPJR-223	LW-050802-JMDL-262	LW-TMTR-076	LWIN-TMTR-080
Sample Date		12/1/1999	1/1/2000	1/1/2000	6/16/2000	11/7/2000	5/21/2001	5/21/2001	11/13/2001	5/8/02	6/7/1998	8/28/1998
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 (1.0)	ND (0.5)	ND (0.5)
Vinyl Chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	0.7	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	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 (0.5)	ND (1.0)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	0.6	1	0.9	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	36 J	1	1
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5.0)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	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 (0.5)	ND (1.0)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	12	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	0.8	1	0.9	860	0.9	1	1	1	0.88 J	1	2
cis-1,2-Dichloroethene	ug/L	0.6	0.6	0.6	500	0.6	0.6	0.6	0.9	0.99 J	6	16
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5.0)	ND (2)	ND (2)
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 (1.0)		ND (0.5)
1,1,1-Trichloroethane	ug/L	22	22	21	67	18	19	18	20	14	29	27
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 (1.0)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	1	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	4	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	0.7	ND (0.5)
Trichloroethene	ug/L	69	70	81	21	52	44	44	53	40	[illegible]	71
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 (1.0)	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 (0.5)	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 (0.5)	ND (1.0)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2)	4	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5.0)	ND (2) UJ	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	26	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	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 (0.5)	ND (1.0)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	0.9	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	1	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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*	*EW1N-2*	*EW1N-2*	*EW1N-2*	*EW1N-2*	*EW1N-2*	*EW1N-2*	*EW1N-2*	*EW1N-2*	*EW1N-2*
Sample ID:		*EW-TMTR-173*	*EW-TMTR-175*	*TMTR-223*	*GW-TMTR-024*	*EW-TMTR-088*	*EW-TMTR-153*	*EW-TMTR-211*	*EW-TMTR-062*	*EW-TMTR-064*	*EW-TM-117*	*TMMD-161*
Sample Date:		*12/10/1998*	*12/10/1998*	*3/14/1999*	*6/15/1999*	*9/9/1999*	*12/13/1999*	*3/1/2000*	*6/19/2000*	*6/19/2000*	*11/3/2000*	*5/21/2001*
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 (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 (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 (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	2	2	1	3	1	1	2	2	2	0.9	0.8
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	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 (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	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)	0.5
1,1-Dichloroethane	ug/L	2	2	2	2	2	2	2	2	2	1.8	2
cis-1,2-Dichloroethene	ug/L	22	23	26	21	18	22	21	18	20	17	25
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	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 (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	28	31	31	28	26	23	23	24	26	24	25
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 (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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	2	2	ND (0.5)	ND (0.5)	2	2	2	2	2	1.8	2
Trichloroethene	ug/L	71	66	77	79	85	62	88	78	89	71	61
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 (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 (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 (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 (2)	ND (2)	ND (2)	ND (2)	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 (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 (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)
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 (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 (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 (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 (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)
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 (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 (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 (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 (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)
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 (0.5)	ND (0.5)	ND (0.5)

TABLE I.1

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD NORTH
FISHER-CALO SITE

Sample Location		FWIN-2	FWIN-3	FWIN-4	FWIN-4	FWIN-4	FWIN-4	FWIN-4	FWIN-4	FWIN-4
Sample ID		FW-111301-JPJR-222	FW-050802-JMDI-261	FW-IMTR-159	FW-IMTR-212	FW-IMTR-0ma	FW-IM-118	IMMD-167	FW-111201-JPJR-224	FW-050802-JMDI-263
Sample Date		11/12/2001	5/8/02	1/19/2000	3/1/2000	6/19/2000	11/7/2000	5/21/2001	11/12/2001	5/8/02
Parameter (Volatiles)	Unit									
Chloromethane	ug/l	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Vinyl chloride	ug/l	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Bromomethane	ug/l	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
1,1-Dichloroethene	ug/l	1	0.83	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.6	51 J
Carbon disulfide	ug/l	ND (2)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5.0)
Acetone	ug/l	ND (2)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5.0)
Methylene chloride	ug/l	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) 1.0	ND (0.5)	ND (0.5)	ND (1.0)
trans-1,2-Dichloroethene	ug/l	0.6	58 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
1,1-Dichloroethane	ug/l	4	3	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
cis-1,2-Dichloroethene	ug/l	36	30	ND (0.5)	ND (0.5)	ND (0.5)	1	2	2	2.1
2-Butanone	ug/l	ND (2)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5.0)
Chloroform (Trichloromethane)	ug/l	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
1,1,1-Trichloroethane	ug/l	30	22	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.91	2.5
Carbon tetrachloride	ug/l	ND (0.5)	ND (1.0)	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 (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
1,2-Dichloroethane	ug/l	3	2.2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Trichloroethene	ug/l	69	74	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
1,2-Dichloropropane	ug/l	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Bromodichloromethane	ug/l	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	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 (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
4-Methyl-2-pentanone	ug/l.	ND (2)	ND (5.0)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5.0)
Toluene	ug/l.	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	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 (1.0)	ND (0.5)	ND (0.5)	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 (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Tetrachloroethene	ug/l.	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Dibromochloromethane	ug/l	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Chlorobenzene	ug/l.	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Ethylbenzene	ug/l	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Styrene	ug/l.	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Bromoform	ug/l.	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	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 (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.0)
Xylene (total)	ug/l.	ND (0.5)	ND (1.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	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.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-20A*
Sample ID:		*GW-PKTR-024R*	*GW-TMTR-119*	*GW-TMTR-121*	*GW-TMTR-138*	*TMTR-196*	*GW-TMTR-015*	*GW-TMTR-017*	*GW-TMTR-060*	*GW-TMTR-116*	*GW-TMTR-170*	*GW-TMTR-014*
Sample Date:		*7/23/1998*	*9/10/1998*	*9/10/1998*	*12/2/1998*	*3/8/1999*	*6/11/1999*	*6/11/1999*	*9/1/1999*	*12/7/1999*	*2/23/2000*	*6/8/2000*
				Duplicate				*Duplicate*				
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (2)	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 (0.5)
Vinyl chloride	ug/L	72	76	84	38	190	310	260	400	150 J	19	78
Bromomethane	ug/L	ND (2)	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 (0.5)
1,1-Dichloroethene	ug/L	8	4	5	2	1	2	2	2	5	8	46 J
Carbon disulfide	ug/L	ND (10)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (10)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (2)	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 (0.5)
trans-1,2-Dichloroethene	ug/L	13	11	10	9	9	18 J	17 J	19	9	15	89
1,1-Dichloroethane	ug/L	2400	2000	2200	990	1600	3200	2600	2100	820	930	2100
cis-1,2-Dichloroethene	ug/L	440	440	510	160	89	190	150	300	440 J	1100	4400
2-Butanone	ug/L	ND (10)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	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 (0.5)	ND (0.5)	3	7 J
1,1,1-Trichloroethane	ug/L	160	180	200	90	52	80 J	59 J	77	31	120	580
Carbon tetrachloride	ug/L	ND (2)	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 (0.5)
Benzene	ug/L	3	2	2	2	2	5	5	6	2	2	11 J
1,2-Dichloroethane	ug/L	ND (2)	2	ND (0.5)	ND (0.5)	2	ND (0.5)	ND (0.5)	2	0.8	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	19	16	16	13	9	7	7	5	3	1	13 J
1,2-Dichloropropane	ug/L	2	2	2	2	2	3	3	3	1	0.9	5 J
Bromodichloromethane	ug/L	ND (2)	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 (0.5)
cis-1,3-Dichloropropene	ug/L	ND (2)	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 (0.5)
4-Methyl-2-pentanone	ug/L	ND (10)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Toluene	ug/L	3	2	2	2	3	6	5	4	0.6	0.9	10 J
trans-1,3-Dichloropropene	ug/L	ND (2)	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 (0.5)
1,1,2-Trichloroethane	ug/L	ND (2)	1	1	0.7	0.9	0.6	0.7	0.6	ND (0.5)	ND (0.5)	2 J
Tetrachloroethene	ug/L	12	10	11	12	10 J	10	10	10	5	4	6 J
Dibromochloromethane	ug/L	ND (2)	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 (0.5)
Chlorobenzene	ug/L	ND (2)	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)	0.7 J
Ethylbenzene	ug/L	30	12	13	24	17	38	35	40	15	16	110
Styrene	ug/L	ND (2)	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 (0.5)
Bromoform	ug/L	ND (2)	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 (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (2)	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 (0.5)
Xylene (total)	ug/L	61	23	22	47	29	75	66	54	10	14	75

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-22A	CRA-22A	CRA-22A	CRA-22A	CRA-22A
Sample ID		GW-IMTR-016	GW-IMTR-114	IMMD-154	GW-110801-JPJB-202	GW-110801-JPJB-204	GW-050802-JMDH-209	GW-IMTR-015	GW-IMTR-123	GW-IMTR-135	GW-IMTR-137	IMTR-195
Sample Date		6/8/2000	11/2/2000	5/17/2001	11/8/2001	11/8/2001	5/8/02	5/23/1998	5/11/1998	12/2/1998	12/2/1998	5/8/1999
		Duplicate				Duplicate					Duplicate	
Parameter (Volatiles)	Unit											
Chloromethane	ug/l	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl Chloride	ug/l	[illegible]	230	96	72	82	23	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 (0.5)	1	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/l	36 J	7.9	7	3	4	1.2	2	2	2	1	2
Carbon disulfide	ug/l	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/l	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	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)	1	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/l	98	72	[illegible]	50	56	19	1	1	1	1	1
1,1-Dichloroethane	ug/l	2100	1700	1200	730	830	200	57 J	64	43	40	64
cis-1,2-Dichloroethene	ug/l	4700	2300	2000	1100	1300	130	14	15	12	12	16
2-Butanone	ug/l	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/l	5	1.2	0.9	ND (0.5)	ND (0.5)	ND (1)		15	12	11	9
1,1,1-Trichloroethane	ug/l	600	980	220	200	110	59	110 J	130	96	88	130
Carbon tetrachloride	ug/l	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/l	8	6.6	5	4	5	1.3	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/l	ND (0.5)	1.9	ND (0.5)	1	1	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/l	10	8.1	4	6	6	6.7	100 J	130	100	98	130
1,2-Dichloropropane	ug/l	4	3.5	2	2	2	66J	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 (0.5)	1	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 (0.5)	ND (1)	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 (2)	5	ND (2) UJ	ND (2)	ND (2)	ND (2)	ND (2)
Toluene	ug/l	8	5.9	2	1	1	0.35 J	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 (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	2	1.5	2	1	1	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/l	6	5.2	1	2	1	0.45 J	6	6	8	7	7 J
Dibromochloromethane	ug/l	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/l	0.5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	100	99	100	42 J	54 J	14	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	73	93	120	47	57	3.6	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-22A*	*CRA-22A*	*CRA-22A*	*CRA-22A*	*CRA-22A*	*CRA-22A*	*CRA-22A*	*CRA-22A*	*CRA-22A*	*CRA-22A*	*CRA-22A*
Sample ID:		*TMTR-197*	*GW-TMTR-013*	*GW-TMTR-059*	*GW-TMTR-061*	*GW-TMTR-111*	*GW-TMTR-113*	*GW-TMTR-163*	*GW-TMTR-165*	*GW-TMTR-020*	*GW-TM-083*	*GW-TM-085*
Sample Date:		*3/8/1999*	*6/11/1999*	*9/2/1999*	*9/2/1999*	*12/7/1999*	*12/7/1999*	*2/23/2000*	*2/23/2000*	*6/9/2000*	*11/2/2000*	*11/2/2000*
		Duplicate			*Duplicate*		*Duplicate*		*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) UJ	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 (0.5)	ND (0.5) UJ	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 (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	2	2	3	3	1	1	3	3 J	8	2.4 J	3.2 J
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2) UJ	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2.0)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2.0)
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) UJ	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	2	1 J	0.6	0.6	1	0.8	1	0.9 J	1	1.2	1.2
1,1-Dichloroethane	ug/L	60	55	29	28	51	45	50 J	62 J	41	49	52
cis-1,2-Dichloroethene	ug/L	16	12	12	12	14	14	14	12 J	20	12	13
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2.0)
Chloroform (Trichloromethane)	ug/L	8	8	41	49 J	7	8	3	3 J	5	5.4	5.7
1,1,1-Trichloroethane	ug/L	140	110	110	130 J	130	120	120 J	150 J	120	140	150
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) UJ	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 (0.5)	ND (0.5) UJ	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 (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	140	120	160	180 J	130	120	110 J	150 J	130	160	170
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5) UJ	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 (0.5)	ND (0.5) UJ	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 (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2.0)
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) UJ	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 (0.5)	ND (0.5) UJ	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 (0.5)	ND (0.5) UJ	0.5	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	6 J	10	25	26	6	8	8	7 J	10	9.4	9.4
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) UJ	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 (0.5)	ND (0.5) UJ	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 (0.5)	ND (0.5) UJ	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 (0.5)	ND (0.5) UJ	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 (0.5)	ND (0.5) UJ	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 (0.5)	ND (0.5) UJ	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 (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	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-23	CRA-23	CRA-23	CRA-23	CRA-23	CRA-23	CRA-23
Sample ID		IMMD-158	IMMD-158	GW-110001-JPJB-207	GW-050002-TA-27h	GW-IMTR-013	GW-IMTR-117	GW-IMTR-133	IMTR-193	GW-IMTR-011	GW-IMTR-051	GW-IMTR-109
Sample Date		5/17/2001	5/17/2001	11/9/2001	5/8/2002	5/21/1998	9/10/1998	12/2/1998	3/8/1999	6/10/1999	9/1/1999	12/6/1999
			Duplicate									
Parameter (Volatiles)	Unit											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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	3	3 J	2	1.6	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 (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2) UJ	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	2	2 J	2	0.97 J	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	54	53	48	36	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	21	18 J	14	7.4	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 (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	4	ND (0.5)	2	1.3		ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	130	120	97	83	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	140	140	130	98	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (2)	ND (1)	ND (2) UJ	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	6	5 J	6	3.9	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	ND (0.5)	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 (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 (0.5)	ND (1)	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 (0.5)	ND (1)	ND (0.5)	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-23*	*CRA-23*	*CRA-23*	*CRA-23*	*CRA-23*	*CRA-23*	*CRA-24A*	*CRA-24A*	*CRA-24A*	*CRA-24A*	*CRA-24A*
Sample ID:		*GW-TMTR-161*	*GW-TMTR-012*	*GW-TM-081*	*TMMD-152*	*GW-110801-JPJB-201*	*GW-050702-TA-251*	*GW-TMTR-029*	*GW-TMTR-113*	*GW-TMTR-134*	*TMTR-192*	*GW-TMTR-020*
Sample Date:		*2/23/2000*	*6/8/2000*	*11/2/2000*	*5/17/2001*	*11/8/2001*	*5/7/02*	*5/26/1998*	*9/10/1998*	*12/1/1998*	*3/16/1999*	*6/11/1999*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	16	33	8	22	14
Carbon disulfide	ug/L	ND (10)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (10)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	2	4 J	1	3	2 J
1,1-Dichloroethane	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	12	22	6	18	14
cis-1,2-Dichloroethene	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	33	37	19	38	32
2-Butanone	ug/L	ND (10)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	-	1 J	ND (0.5)	0.6	ND (0.5)
1,1,1-Trichloroethane	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	270	380	130	240	250
Carbon tetrachloride	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	480	680	190	280	180
1,2-Dichloropropane	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (10)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2) UJ	ND (2)	ND (2)	ND (2)	ND (2)
Toluene	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	0.7	2 J	ND (0.5)	0.7	ND (0.5)
Tetrachloroethene	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	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-24A*	*CRA-24A*	*CRA-24A*	*CRA-24A*	*CRA-24A*	*CRA-24A*	*CRA-24A*	*CRA-24A*	*CRA-24B*	*CRA-24B*	*CRA-24B*
Sample ID		*GW-IMTR-055*	*GW-IMTR-114*	*GW-IMTR-160*	*GW-IMTR-021*	*GW-IM-110*	*IMMD-137*	*GW-110801-JPJR-198*	*GW-050702-JMDI-249*	*GW-IMTR-031*	*GW-IMTR-115*	*GW-IMTR-13a*
Sample Date		*9/1/1999*	*12/7/1999*	*3/22/2000*	*6/8/2000*	*11/2/2000*	*5/16/2001*	*11/8/2001*	*5/7/02*	*5/22/1998*	*9/10/1998*	*12/2/1998*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	0.6	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	1	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	7	9 J	3	1	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (2) UJ	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2) UJ	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.7) U	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	0.7	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	3	1 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	6	3 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (2) UJ	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)		ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	160	110	66	52	22	12	8	7.1	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	150	96	65	59	18	10	6	4.4	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2) UJ	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2) UJ	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (8) U	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-24B*	*CRA-24B*	*CRA-24B*	*CRA-24B*	*CRA-24B*	*CRA-24B*	*CRA-24B*	*CRA-24B*	*CRA-25*
Sample ID:		*TMTR-194*	*GW-TMTR-018*	*GW-TMTR-057*	*GW-TMTR-112*	*GW-TMTR-162*	*GW-TMTR-021*	*GW-TM-111*	*TMMD-139*	*GW-110801-JPJB-200*	*GW-050702-JMDE-260*	*GW-TMTR-026*
Sample Date:		*3/8/1999*	*6/11/1999*	*9/1/1999*	*12/6/1999*	*2/22/2000*	*6/8/2000*	*11/2/2000*	*5/16/2001*	*11/8/2001*	*5/7/02*	*5/26/1998*
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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)
Acetone	ug/L	2	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	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) UJ	ND (0.5)	ND (0.5)	ND (1)	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)	ND (0.5)	ND (1)	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 (0.5)	ND (0.5)	ND (0.5)	ND (1)	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 (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	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 (0.5)	ND (1)	-
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)	ND (0.5)	ND (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (0.5)	0.73(J)	.73 J	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2) UJ
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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (0.5)	ND (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	ND (0.5)

TABLE I.2

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Sample Location		*CRA-25*	*CRA-25*	*CRA-25*	*CRA-25*	*CRA-25*	*CRA-25*	*CRA-25*	*CRA-25*	*CRA-25*	*CRA-25*	*CRA-25*
Sample ID		*GW-IMTR-124*	*GW-IMTR-131*	*GW-IMTR-190*	*GW-IMTR-013*	*GW-IMTR-054*	*GW-IMTR-107*	*GW-IMTR-168*	*GW-IMTR-010*	*GW-IM-079*	*IMMD-141*	*GW-110701-JPJB-188*
Sample Date		*9/10/1998*	*12/1/1998*	*3/8/1999*	*6/10/1999*	*9/1/1999*	*12/6/1999*	*2/23/2000*	*6/8/2000*	*11/2/2000*	*5/16/2001*	*11/7/2001*
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 (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 (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 (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 (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)
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	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 (0.5)	ND (0.5)	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 (0.5)	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 (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)
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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	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 (0.5)	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 (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)
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 (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 (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 (0.5)	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 (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)
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 (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 (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 (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 (2)	ND (2)	ND (2)	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 (0.5)	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 (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)
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 (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 (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 (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 (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)
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 (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 (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 (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 (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)
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 (0.5)	ND (0.5)	ND (0.5)

TABLE I.2

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Sample Location:		*CRA-25*	*CRA-34A*	*CRA-34A*	*CRA-34A*	*CRA-34A*	*CRA-34A*	*CRA-34A*	*CRA-34A*	*CRA-34A*	*CRA-34A*	*CRA-34A*
Sample ID:		*GW-050702-TA-250*	*GW-TMTR-035*	*GW-TMTR-126*	*GW-TMTR-130*	*GW-TMTR-189*	*GW-TMTR-014*	*GW-TMTR-058*	*GW-TMTR-110*	*GW-TMTR-166*	*GW-TMTR-027*	*GW-TM-112*
Sample Date:		*5/7/02*	*5/27/1998*	*9/10/1998*	*12/1/1998*	*3/4/1999*	*6/10/1999*	*9/1/1999*	*12/6/1999*	*2/23/2000*	*6/9/2000*	*11/2/2000*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (1)	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 (0.5)
Vinyl chloride	ug/L	ND (1)	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 (0.5)
Bromomethane	ug/L	ND (1)	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 (0.5)
1,1-Dichloroethene	ug/L	ND (1)	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 (0.5)
Carbon disulfide	ug/L	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)
Acetone	ug/L	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)
Methylene chloride	ug/L	ND (1)	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 (0.5)
trans-1,2-Dichloroethene	ug/L	ND (1)	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 (0.5)
1,1-Dichloroethane	ug/L	ND (1)	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 (0.5)
cis-1,2-Dichloroethene	ug/L	ND (1)	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 (0.5)
2-Butanone	ug/L	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)
Chloroform (Trichloromethane)	ug/L	ND (1)	-	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)
1,1,1-Trichloroethane	ug/L	ND (1)	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 (0.5)
Carbon tetrachloride	ug/L	ND (1)	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 (0.5)
Benzene	ug/L	ND (1)	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 (0.5)
1,2-Dichloroethane	ug/L	ND (1)	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 (0.5)
Trichloroethene	ug/L	ND (1)	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 (0.5)
1,2-Dichloropropane	ug/L	ND (1)	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 (0.5)
Bromodichloromethane	ug/L	ND (1)	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 (0.5)
cis-1,3-Dichloropropene	ug/L	ND (1)	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 (0.5)
4-Methyl-2-pentanone	ug/L	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)
Toluene	ug/L	ND (1)	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 (0.5)
trans-1,3-Dichloropropene	ug/L	ND (1)	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 (0.5)
1,1,2-Trichloroethane	ug/L	ND (1)	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 (0.5)
Tetrachloroethene	ug/L	ND (1)	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 (0.5)
Dibromochloromethane	ug/L	ND (1)	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 (0.5)
Chlorobenzene	ug/L	ND (1)	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 (0.5)
Ethylbenzene	ug/L	ND (1)	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 (0.5)
Styrene	ug/L	ND (1)	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 (0.5)	ND (0.5)
Bromoform	ug/L	ND (1)	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 (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (1)	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 (0.5)
Xylene (total)	ug/L	ND (1)	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 (0.5)	ND (0.5)

TABLE 1.2

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Sample Location		*CRA-34A*	*CRA-34A*	*CRA-34A*	*CRA-34B*	*CRA-34B*	*CRA-34B*	*CRA-34B*	*CRA-34B*	*CRA-34B*	*CRA-34B*	*CRA-34B*
Sample ID		*1MMD-169*	*GW-110001-JPJB-205*	*GW-050703-1A-252*	*GW-1MTR-031*	*GW-1MTR-125*	*GW-1MTR-132*	*GW-1MTR-191*	*GW-1MTR-01a*	*GW-1MTR-05a*	*GW-1MTR-10a*	*GW-1MTR-164*
Sample Date		*5/22/2001*	*11/8/2001*	*5/7/03*	*5/27/1998*	*8/10/1998*	*12/1/1998*	*3/4/1999*	*6/10/1999*	*8/1/1999*	*12/6/1999*	*2/23/2000*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl Chloride	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (50)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (50)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (50)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (1)		ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5) [1]	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5) [1]	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (50)	ND (2)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (12)	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-TMTR-025*	*GW-TM-113*	*TMMD-171*	*GW-110801-JPJB-203*	*GW-050702-TA-253*	*EW-TMTR-065*	*EW-TMTR-077*	*EW-TMTR-180*	*TMTR-228*	*GW-TMTR-019*	*EW-TMTR-090*
Sample Date:		*6/9/2000*	*11/2/2000*	*5/22/2001*	*11/8/2001*	*5/7/02*	*6/3/1998*	*8/28/1998*	*12/9/1998*	*3/15/1999*	*6/14/1999*	*9/9/1999*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	62 J	53	51	64	30 J	25
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	2	ND (5)	1	4	4 J	0.9
Carbon disulfide	ug/L	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (20)	ND (2)	ND (2)	ND (2) UJ	ND (2)
Acetone	ug/L	ND (2)	2.0	ND (2)	ND (2)	ND (5)	ND (2)	ND (20)	ND (2)	ND (2)	ND (2) UJ	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	0.5	ND (0.5)	ND (0.5) UJ	ND (0.5)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	36	25	27	12	17 J	18
1,1-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	560 J	520	560	370	300	290
cis-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	450 J	320	390	360	170	160
2-Butanone	ug/L	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (20)	ND (2)	ND (2)	ND (2) UJ	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	-	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)
1,1,1-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	48 J	42	67	140	30 J	35
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	1	ND (5)	1	0.6	0.8 J	0.7
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (1)	18	15	24	ND (0.5)	14 J	16
Trichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	6	ND (5)	5	120	3 J	4
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2) UJ	ND (20)	ND (2)	ND (2)	ND (2) UJ	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	0.6	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	0.6	ND (5)	ND (0.5)	8	ND (0.5) UJ	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	3	ND (5)	2	ND (0.5)	1 J	1
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	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 (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	2	ND (5)	2	ND (0.5)	0.8 J	0.8

TABLE I.2

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Sample Location		IWTS-1	IWTS-1	IWTS-1	IWTS-1	IWTS-1	IWTS-1	IWTS-1	IWTS-2	IWTS-2	IWTS-2	IWTS-2
Sample ID		IW-IMTR-154	IW-IMTR-189	IW-IMTR-077	IW-IM-089	IMMD-174	IW-111301-JPJH-225	IW-050802-JMWI-267	IW-IMTR-067	IW-IMTR-079	IW-IMTR-178	IMTR-227
Sample Date		12/14/1999	3/1/2000	6/20/2000	11/3/2000	5/21/2001	11/12/2001	5/8/02	6/3/1998	8/28/1998	12/8/1998	1/15/1999
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 (1)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)
Vinyl Chloride	ug/L	21	24	24	18	13	11	10	18	29	38	38
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	0.9	0.9	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	6	4	4	2
Carbon disulfide	ug/L	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (10)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (10)	ND (2)	ND (2)
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 (0.5)	ND (2)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	17	17	15	11	11	9	7.5	7	2	10	26
1,1-Dichloroethane	ug/L	180	250	200	160	140	150	100	42 J	120	240	430
cis-1,2-Dichloroethene	ug/L	110	120	130	85	70	63	49	100 J	240	300	290
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (10)	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 (2)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	34	31	30	26	18	20 J	11	60 J	130	130	47
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 (0.5)	ND (2)	ND (0.5)	6
Benzene	ug/L	0.7	0.8	0.8	0.6	0.6	0.5	0.41 J	ND (0.5)	ND (2)	ND (0.5)	1
1,2-Dichloroethane	ug/L	14	13	14	10	10	11 J	6.2	0.7	ND (2)	1	20
Trichloroethene	ug/L	3	3	3	2.2	2	2	1.5	31 J	100	96	4
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 (0.5)	ND (2)	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 (0.5)	ND (2)	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 (0.5)	ND (2)	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 (2) UJ	ND (10)	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 (0.5)	ND (2)	ND (0.5)	0.6
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 (0.5)	ND (2)	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 (0.5)	ND (2)	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)	5	7	8	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 (0.5)	ND (2)	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 (0.5)	ND (2)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	1	1	1	0.8	0.6	ND (0.5)	48J	ND (0.5)	ND (2)	ND (0.5)	2
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (2)	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 (0.5)	ND (2)	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 (0.5)	ND (2)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	0.7	0.6	0.6	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (2)	ND (0.5)	2

TABLE I.2

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Sample Location:		*EW1S-2*	*EW1S-2*	*EW1S-2*	*EW1S-2*	*EW1S-2*	*EW1S-2*	*EW1S-2*	*EW1S-2*	*EW1S-2*	*EW1S-3*	*EW1S-3*
Sample ID:		*GW-TMTR-021*	*EW-TMTR-092*	*EW-TMTR-156*	*EW-TMTR-191*	*EW-TMTR-076*	*EW-TM-091*	*TMMD-176*	*EW-111201-JPJB-226*	*EW-050802-JMWF-266*	*GW-TMTR-127*	*EW-TMTR-176*
Sample Date:		*6/14/1999*	*9/9/1999*	*12/14/1999*	*3/1/2000*	*6/20/2000*	*11/3/2000*	*5/21/2001*	*11/12/2001*	*5/8/02*	*9/11/1998*	*12/9/1998*
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 (0.5)	ND (0.5)
Vinyl chloride	ug/L	78	66	61	120	100	82	85	96	100	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 (0.5)	ND (1)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	18	3	5	5	7	4.3	3	3	3.3	5	9
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	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) UJ	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	4
trans-1,2-Dichloroethene	ug/L	14	12	16	18	21	25	27	ND (0.5)	N22	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	370	360	390	580	520	470	480	630	420	13	10
cis-1,2-Dichloroethene	ug/L	320	290	330	450	470	450	440	500	370	6	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 (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	0.7	0.7	0.8	0.6	0.9	1.1	0.8	0.9 J	0.53J	3	11
1,1,1-Trichloroethane	ug/L	110	120	86	100	94	80	81	110	78	140	250
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 (0.5)	ND (0.5)
Benzene	ug/L	0.6	0.5	0.7	0.9	1	1.3	1	1	0.93	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	1	ND (0.5)	1	2	1.6	2	2 J	ND (1)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	99	110	96	98	85	67	70	96	81	100	280
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.5	ND (0.5)	0.6	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	ND (0.5)	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 (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 (0.5)	ND (0.5)	ND (1)	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 (0.5)	ND (1)	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)	0.7	ND (0.5)	0.7	ND (1)	ND (0.5)	0.5
Tetrachloroethene	ug/L	8	6	7	7	7	7.2	5	6	3.7	9	7
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 (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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	ND (0.5)	ND (0.5)

TABLE I.2

GROUNDWATER CHARACTERIZATION
ONE LINE ROAD SOUTH
FISHER-CALO SITE

Sample Location		LWTS-1	LWTS-1	LWTS-1	LWTS-1	LWTS-1	LWTS-1	LWTS-1	LWTS-1	LWTS-1	LWTS-1	LWTS-4
Sample ID		TMTR-22a	GW-TMTR-023	LW-TMTR-094	LW-TMTR-155	LW-TMTR-191	LW-TMTR-075	LW-TM-093	TMMD-178	LW-111301-JPJR-227	LW-040802-JMWT-2a5	LW-TMTR-089
Sample Date		7/15/1999	9/14/1999	9/10/1999	12/14/1999	3/1/2000	6/20/2000	11/7/2000	7/31/2001	11/13/2001	7/8/02	6/7/1998
Parameter (Volatiles)	**Unit**											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
1,1-Dichloroethene	ug/L	5	21	6	10	8	10	6.5	4	5	4.5	3
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (4)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (4)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)
Methylene chloride	ug/L	3	3	2	1	ND (1)	ND (0.8) UJ	ND (0.5) UJ	ND (0.8) UJ	0.5	ND (1)	2
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
1,1-Dichloroethane	ug/L	12	8	6	6	7	8	12	13	17	15	19
cis-1,2-Dichloroethene	ug/L	6	3	3	3	3	5	5.7	5	5	3.7	8
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (4)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)
Chloroform (Trichloromethane)	ug/L	6	10	11	12	11	13	14	11	11	8.5	
1,1,1-Trichloroethane	ug/L	83	98	190	140	140	120	100	110	120	110	52 J
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	0.6
Trichloroethene	ug/L	66	100	210	160	160	130	110	110	120	140	4
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (4)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2) UJ
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
Tetrachloroethene	ug/L	16	8	7	8	8	8	10	7	10	9.2	38
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)

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*	*EW1S-4*	*EW1S-4*	*EW1S-4*	*EW1S-4*
Sample ID:		*EW-TMTR-081*	*EW-TMTR-174*	*TMTR-224*	*TMTR-225*	*GW-TMTR-025*	*EW-TMTR-096*	*EW-TMTR-145*	*EW-TMTR-147*	*EW-TMTR-195*	*EW-TMTR-073*	*EW-TMTR-074*
Sample Date:		*8/28/1998*	*12/9/1998*	*3/15/1999*	*3/15/1999*	*6/14/1999*	*9/10/1999*	*12/14/1999*	*12/14/1999*	*3/1/2000*	*6/20/2000*	*6/20/2000*
					Duplicate				*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 (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 (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 (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	3	3	3	4	7	2	2	2	3	3	3
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.9) U	1	2	2	ND (0.5)	ND (0.5)	0.8	0.7	1	ND (0.6) U	ND (0.6) U
trans-1,2-Dichloroethene	ug/L	ND (0.5)	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 (0.5)
1,1-Dichloroethane	ug/L	18	20	18	18	16	13	16	15	15	16	16
cis-1,2-Dichloroethene	ug/L	9	10	9	9	7	5	7	7	6	6	6
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	5	8	7	8	6	5	5	6	4	4	5
1,1,1-Trichloroethane	ug/L	54	56	49	58	51	49	34	40	38	38	39
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 (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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	0.7	0.8	ND (0.5)	ND (0.5)	ND (0.5)	0.8	ND (0.5)	ND (0.5)	ND (0.5)	0.7	0.7
Trichloroethene	ug/L	4	5	6	7	7	6	7	7	6	6	7
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 (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 (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 (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 (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	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 (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 (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 (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)
Tetrachloroethene	ug/L	38	38	38	33	28	29	30	28	28	27	30
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 (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 (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 (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 (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)
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 (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 (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 (0.5)	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		*LWTS-4*	*LWTS-4*	*LWTS-4*	*LWTS-4*
Sample ID		*LW-TM-005*	*TMMD-180*	*LW-111301-JPJB-228*	*LW-050802-JMDL-204*
Sample Date		*11/3/2000*	*5/21/2001*	*11/13/2001*	*5/8/02*
Parameter (Volatiles)	***Unit***				
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Vinyl chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
1,1-Dichloroethene	ug/L	2.2	1	2	1.5
Carbon disulfide	ug/L	ND (2.0)	ND (2)	ND (2)	ND (5)
Acetone	ug/L	ND (2.0)	ND (2)	ND (2)	ND (5)
Methylene chloride	ug/L	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (1)
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	36J
1,1-Dichloroethane	ug/L	18	14	21	17
cis-1,2-Dichloroethene	ug/L	6.8	5	7	5.9
2-Butanone	ug/L	ND (2.0)	ND (2)	ND (2)	ND (5)
Chloroform (Trichloromethane)	ug/L	3.8	2	3.1	1.3J
1,1,1-Trichloroethane	ug/L	32	28	38J	25J
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Benzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
1,2-Dichloroethane	ug/L	0.7	0.6	0.9J	ND (1)
Trichloroethene	ug/L	7.1	5	[illegible]	5.3
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Bromodichloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
cis-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
4-Methyl-2-pentanone	ug/L	ND (2.0)	ND (2)	ND (2)	ND (5)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
1,1,2-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Tetrachloroethene	ug/L	30	21	24	20
Dibromochloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Chlorobenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Ethylbenzene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Styrene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Bromoform	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)

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.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*
Sample ID:		*GW-TMTR-041*	*GW-TMTR-043*	*GW-TMTR-112*	*GW-TMTR-114*	*GW-TMTR-158*	*TMTR-208*	*GW-TMTR-036*	*GW-TMTR-067*	*GW-TMTR-069*	*GW-TMTR-123*
Sample Date:		*5/28/1998*	*5/28/1998*	*9/3/1998*	*9/3/1998*	*12/4/1998*	*3/10/1999*	*6/18/1999*	*9/3/1999*	*9/3/1999*	*12/9/1999*
			Duplicate		*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 (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 (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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	0.6	0.6	ND (0.5)	ND (0.5)	ND (0.5)	0.6	1	0.9	1	1
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	1	1	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	0.9	0.9	0.6	0.7	0.9	2	2	2	2	1
cis-1,2-Dichloroethene	ug/L	17	16	6	6	4	7	7	7	8	5
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	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 (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	19	17	10	12	ND (0.5)	8	ND (0.5)	5	5	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 (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 (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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	18	18	8	9	6	6	3	3	3	2
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 (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 (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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2) UJ	ND (2) UJ	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	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 (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 (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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	320	240	230	230	240	320	160	180	210	180
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 (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 (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 (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 (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 (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 (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)	0.9	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE 1.3

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-16B*	*CRA-16B*
Sample ID		GW-TMTR-125	GW-TMTR-192	GW-TMTR-052	GW-TMTR-054	GW-TM-108	TMMD-168	GW-111301-JPJB-234	GW-050803-JMDE-273	GW-TMTR-045	GW-TMTR-098
Sample Date		12/9/1999	2/28/2000	6/15/2000	6/15/2000	11/2/2000	9/18/2001	11/13/2001	9/8/03	9/28/1998	9/9/1998
		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 (1)	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 (0.5)	ND (1)	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)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	1	2	2	2	2.2	3	5	7.3	ND (0.5)	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (2) UJ	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	3	ND (5)	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)	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 (0.5)	32J	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	3	2	2	1	2.3	3	5	6.1	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	5	8	8	8	7.6	12	17	24	ND (0.5)	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	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)		ND (0.5)
1,1,1-Trichloroethane	ug/L	5	ND (0.5)	8	6	4.3	4	8	17	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	2	3	4	4	3.3	3	3	1.1	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 (0.5)	ND (1)	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)	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)	ND (0.5)	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 (2) UJ	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)	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)	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 (0.5)	ND (1)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	180	220	160	160	110	110	72	57	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)	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)	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)	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)	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)	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)	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)	ND (0.5)	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-16B*	*CRA-16B*
Sample ID:		GW-TMTR-160	TMTR-206	GW-TMTR-038	GW-TMTR-065	GW-TMTR-121	GW-TMTR-190	GW-TMTR-050	GW-TM-107	GW-TM-108	TMMD-164
Sample Date:		*12/4/1998*	*3/10/1999*	*6/18/1999*	*9/3/1999*	*12/9/1999*	*2/28/2000*	*6/15/2000*	*11/2/2000*	*11/2/2000*	*5/18/2001*
										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 (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 (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 (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 (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 (2)	ND (2)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2.0)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2.0)	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 (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 (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 (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 (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 (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2.0)	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 (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 (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 (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 (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 (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 (0.5)	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 (0.5)*	*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 (0.5)	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 (0.5)	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 (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2.0)	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 (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 (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 (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 (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 (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 (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 (0.5)	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 (0.5)	ND (0.5)	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 (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 (0.5)	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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE 1.3

GROUNDWATER CHARACTERIZATION
TWO LINE ROAD NORTH
FISHER-CALO SITE

Sample Location		CRA-16B	CRA-16B	CRA-33	CRA-33	CRA-33	CRA-33	CRA-33	CRA-33	CRA-33	CRA-33
Sample ID		GW-111301-JPJB-256	GW-050802-JMDE-274	GW-IMTR-047	GW-IMTR-101	GW-IMTR-147	IMTR-210	GW-IMTR-032	GW-IMTR-034	GW-IMTR-071	GW-IMTR-160
Sample Date		11/13/2001	5/8/02	5/28/1998	9/7/1998	12/8/1998	5/10/1999	6/17/1999	6/17/1999	9/7/1999	12/9/1999
									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 (0.5)	ND (0.5) UJ	ND (12)	ND (0.5)
Vinyl chloride	ug/L	ND (0.5)	ND (1)	160	100 J	120	270	120 J	66 J	100 J	67
Bromomethane	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (12)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (1)	1	1 J	0.8	2 J	ND (0.5)	ND (0.5) UJ	ND (12)	0.9
Carbon disulfide	ug/L	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2) UJ	ND (50)	ND (2)
Acetone	ug/L	ND (2)	ND (5)	180	ND (2)	ND (2)	140	200	290	ND (50)	890
Methylene chloride	ug/L	ND (0.5)	ND (1)	5	ND (5) U	5	10 J	7	6 J	25 J	4
trans-1,2-Dichloroethene	ug/L	ND (0.5)	ND (1)	31	29 J	22	38	35	34 J	55 J	34
1,1-Dichloroethane	ug/L	ND (0.5)	ND (1)	1300	890 J	650	1400	1200	1100	840	710
cis-1,2-Dichloroethene	ug/L	ND (0.5)	ND (1)	980	740 J	450	850	600	680	710 J	420
2-Butanone	ug/L	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2) UJ	ND (50)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (1)		ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (12)	ND (0.5)
1,1,1-Trichloroethane	ug/L	ND (0.5)	ND (1)	ND (0.5)	0.9 J	ND (0.5)	1 J	ND (0.5)	ND (0.5) UJ	ND (12)	ND (0.5)
Carbon tetrachloride	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (12)	ND (0.5)
Benzene	ug/L	ND (0.5)	ND (1)	9	8 J	8	15 J	11	10 J	15 J	12
1,2-Dichloroethane	ug/L	ND (0.5)	ND (1)	83	71 J	54	98	100	110	ND (12)	77
Trichloroethene	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (12)	ND (0.5)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (1)	2	2 J	1	3 J	2	2 J	ND (12)	2
Bromodichloromethane	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (12)	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 (0.5)	ND (0.5) UJ	ND (12)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (5)	690 J	480 J	430	1700	760	790	1600	1200
Toluene	ug/L	ND (0.5)	ND (1)	92	83 J	84	140	110	140	180 J	180
trans-1,3-Dichloropropene	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (12)	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 (0.5)	ND (0.5) UJ	ND (12)	ND (0.5)
Tetrachloroethene	ug/L	1	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	0.7 J	ND (0.5)	ND (0.5) UJ	ND (12)	ND (0.5)
Dibromochloromethane	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (12)	ND (0.5)
Chlorobenzene	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (12)	ND (0.5)
Ethylbenzene	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (12)	ND (0.5)
Styrene	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (12)	ND (0.5)
Bromoform	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (12)	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 (0.5)	ND (0.5) UJ	ND (12)	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 (0.5)	ND (0.5) UJ	ND (12)	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-33	CRA-48	CRA-48	CRA-48
Sample ID:		*GW-TMTR-194*	*GW-TMTR-196*	*GW-TMTR-056*	*GW-TM-109*	*TMMD-149*	*GW-111301-JPJB-235*	*GW-050802-JMDE-272*	*GW-TMTR-034*	*GW-TMTR-096*	*GW-TMTR-143*
Sample Date:		*2/29/2000*	*2/29/2000*	*6/15/2000*	*11/2/2000*	*5/18/2001*	*11/13/2001*	*5/8/02*	*5/27/1998*	*9/3/1998*	*12/3/1998*
			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 (5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	45 J	53	29 J	27	16	9.2	9.2	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 (5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	0.8 J	ND (0.5)	0.5	ND (0.5)	ND (5)	2	0.8	0.6
Carbon disulfide	ug/L	ND (2) UJ	ND (2) UJ	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (25)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	1700	1700	1000	140	ND (2)	ND (2)	ND (25)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	3	4	ND (5) U	2.2	2	1	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	39	42 J	38 J	31	22	16	16	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	560	600	320	200	140	110	86	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	340 J	430 J	310	210	160	86	86	ND (0.5)	ND (0.5)	0.5
2-Butanone	ug/L	140 J	100 J	85	ND (2.0)	ND (2)	ND (2)	ND (25)	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 (5)	-	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	ND (0.5)	ND (0.5)	2 J	1.4	1	2	ND (5)	5	12	22
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	17	17	26 J	31	22	17	17	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	76	71	78	67	82	5.0	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	0.6	ND (0.5)	0.6 J	0.5	1	2	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	ug/L	2	2	3 J	3.0	2	5.0	ND (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 (0.5)	ND (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 (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	810	830	1200	1100	1500	ND (200)	25	ND (2)	ND (2)	ND (2)
Toluene	ug/L	160	190	190	220	910	400	400	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 (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 (0.5)	ND (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 (0.5)	ND (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 (0.5)	ND (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 (0.5)	ND (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 (0.5)	ND (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 (0.5)	ND (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 (0.5)	ND (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 (0.5)	ND (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 (0.5)	ND (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*	*CRA-48*	*CRA-48*	*CRA-48*	*CRA-48*	*CRA-48*
Sample ID		*IMTR-108*	*GW-IMTR-027*	*GW-IMTR-068*	*GW-IMTR-134*	*GW-IMTR-183*	*GW-IMTR-048*	*GW-IM-102*	*IMMD-135*	*GW-111301-JPJR-229*	*GW-051302-TA-289*
Sample Date		*3/9/1999*	*6/12/1999*	*9/2/1999*	*12/8/1999*	*2/25/2000*	*6/15/2000*	*11/1/2000*	*5/16/2001*	*11/13/2001*	*5/13/02*
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 (0.5)	ND (1)
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 (0.5)	ND (1)
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 (0.5)	ND (1)
1,1-Dichloroethene	ug/l	1	4 J	1	2	1	1	0.6	ND (0.5)	ND (0.5)	ND (1)
Carbon disulfide	ug/l	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)
Acetone	ug/l	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)
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 (0.5)	ND (1)
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)	ND (0.5)	ND (1)
1,1-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 (0.5)	ND (1)
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 (0.5)	ND (0.5)	ND (0.5)	ND (1)
2-Butanone	ug/l	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)
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 (0.5)	ND (1)
1,1,1-Trichloroethane	ug/l	41	35	36	50	42	58	55	40	45	51
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 (0.5)	ND (1)
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 (0.5)	ND (1)
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 (0.5)	ND (1)
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 (0.5)	ND (1)
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 (0.5)	ND (1)
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 (0.5)	ND (1)
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 (0.5)	ND (1)
4-Methyl-2-pentanone	ug/l	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)
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 (0.5)	ND (1)
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 (0.5)	ND (1)
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 (0.5)	ND (1)
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 (0.5)	ND (1)
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 (0.5)	ND (1)
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 (0.5)	ND (1)
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 (0.5)	ND (1)
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 (0.5)	ND (1)
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 (0.5)	ND (1)
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 (0.5)	ND (1)
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 (0.5)	ND (1)

TABLE I.3

GROUNDWATER CHARACTERIZATION
TWO LINE ROAD NORTH
FISHER-CALO SITE

Sample Location:		*CRA-48*	*MW-3*	*MW-3*	*MW-3*	*MW-3*	*MW-3*	*MW-3*	*MW-3*	*MW-3*	*MW-3*
Sample ID:		*GW-051302-TA-290*	*GW-TMTR-038*	*GW-PKTR-038R*	*GW-TMTR-097*	*GW-TMTR-141*	*TMTR-204*	*GW-TMTR-026*	*GW-TMTR-062*	*GW-TMTR-132*	*GW-TMTR-179*
Sample Date:		*5/13/02*	*5/27/1998*	*7/24/1998*	*9/2/1998*	*12/3/1998*	*3/10/1999*	*6/17/1999*	*9/2/1999*	*12/8/1999*	*2/25/2000*
		Duplicate									
Parameter (Volatiles)	*Unit*										
Chloromethane	ug/L	ND (1)	ND (0.5)	-	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 (1)	ND (0.5)	-	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 (1)	ND (0.5)	-	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (1)	ND (0.5)	-	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 (5)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (5)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (1)	ND (0.5)	-	ND (0.5)	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 (1)	ND (0.5)	-	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	ND (1)	ND (0.5)	-	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 (1)	ND (0.5)	-	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 (5)	ND (2)	-	ND (2)	ND (2) UJ	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (1)	-	-	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	51	ND (0.5)	-	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 (1)	ND (0.5)	-	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 (1)	ND (0.5)	-	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (1)	ND (0.5)	-	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 (1)	ND (0.5)	-	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	ug/L	ND (1)	ND (0.5)	-	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 (1)	ND (0.5)	-	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 (1)	ND (0.5)	-	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 (5)	ND (2)	-	ND (2)	ND (2) UJ	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Toluene	ug/L	ND (1)	ND (0.5)	-	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 (1)	ND (0.5)	-	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (1)	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)
Tetrachloroethene	ug/L	ND (1)	0.7	-	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 (1)	ND (0.5)	-	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 (1)	ND (0.5)	-	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 (1)	ND (0.5)	-	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 (1)	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)
Bromoform	ug/L	ND (1)	ND (0.5)	-	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (1)	ND (0.5)	-	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 (1)	ND (0.5)	-	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE 1.3

GROUNDWATER CHARACTERIZATION
TWO LINE ROAD NORTH
FISHER-CALO SITE

Sample Location		MW-1	MW-1	MW-1	MW-1	MW-1	MW-9	MW-9	MW-9	MW-9	MW-9
Sample ID		GW-TMTR-046	GW-TM-105	TMMD-145	GW-111301-JPJB-230	GW-050802-JAEH-271	GW-TMTR-010	GW-TMTR-013	GW-TMTR-094	GW-TMTR-156	TMTR-202
Sample Date		6/15/2000	11/2/2000	5/17/2001	11/13/2001	5/8/02	5/27/1998	5/27/1998	9/9/1998	12/4/1998	5/9/1999
								Duplicate			
Parameter (Volatiles)	Unit										
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	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 (0.5)	ND (1)	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 (1)	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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)			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 (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 (0.5)	ND (1)	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 (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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (1)	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 (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 (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 (2) UJ	ND (2) UJ	ND (2)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	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 (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 (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 (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 (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 (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 (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 (1)	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 (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 (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 (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-9*	*MW-9*	*MW-9*	*MW-9*	*MW-9*	*MW-9*	*MW-9*	*MW-9*	*MW-9*	*MW-25*
Sample ID:		*GW-TMTR-030*	*GW-TMTR-066*	*GW-TMTR-138*	*GW-TMTR-186*	*GW-TMTR-055*	*GW-TM-098*	*TMMD-147*	*GW-111301-JPJB-233*	*GW-050802-TA-258*	*GW-TMTR-028*
Sample Date:		*6/17/1999*	*9/2/1999*	*12/9/1999*	*2/25/2000*	*6/15/2000*	*11/1/2000*	*5/17/2001*	*11/13/2001*	*5/8/02*	*5/27/1998*
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 (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 (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 (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 (0.5)	ND (0.5)	ND (1)	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.8	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	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)	ND (1)	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 (0.5)	ND (0.5)	ND (1)	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 (0.5)	ND (0.5)	ND (1)	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 (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)	-
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)	ND (0.5)	ND (1)	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 (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 (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 (0.5)
Trichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.7	ND (0.5)	ND (0.5)	ND (1)	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 (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 (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 (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 (2) UJ
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 (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 (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 (0.5)
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 (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 (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 (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 (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 (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 (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 (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 (0.5)

TABLE 1.3

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-25	MW-25	MW-25
Sample ID		GW-TMTR-042	GW-TMTR-154	TMTR-200	GW-TMTR-028	GW-TMTR-064	GW-TMTR-136	GW-TMTR-184	GW-TMTR-051	GW-TM-100	TMMD-160
Sample Date		9/2/1998	12/3/1998	3/8/1999	6/12/1999	9/2/1999	12/6/1999	3/25/2000	6/15/2000	11/1/2000	5/12/2001
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 (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 (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 (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 (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 (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	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 (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 (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 (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 (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 (2)	ND (2)	ND (2)	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 (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 (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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (2)	ND (2)	ND (2)	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 (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 (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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	ND (0.5)	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 (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 (0.5)	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 (0.5)	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:		*MW-25*	*MW-25*	*MW-48*	*MW-48*	*MW-48*	*MW-48*	*MW-48*	*MW-48*	*MW-48*	*MW-48*
Sample ID:		*GW-111301-JPJB-231*	*GW-050802-TA-259*	*GW-TMTR-040*	*GW-TMTR-099*	*GW-TMTR-145*	*TMTR-199*	*GW-TMTR-029*	*GW-TMTR-063*	*GW-TMTR-119*	*GW-TMTR-188*
Sample Date:		*11/13/2001*	*5/8/02*	*5/28/1998*	*9/3/1998*	*12/4/1998*	*3/10/1999*	*6/16/1999*	*9/2/1999*	*12/9/1999*	*2/28/2000*
Parameter (Volatiles)	*Unit*										
Chloromethane	ug/L	ND (0.5)	ND (1)	ND (0.5)	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 (1)	ND (0.5)	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 (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (1)	ND (0.5)	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 (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2) UJ
Acetone	ug/L	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	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 (0.5)	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 (1)	ND (0.5)	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 (1)	ND (0.5)	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 (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (1)	-	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 (1)	ND (0.5)	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 (1)	ND (0.5)	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 (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	ND (1)	ND (0.5)	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 (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (1)	ND (0.5)	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 (1)	ND (0.5)	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 (1)	ND (0.5)	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 (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	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 (0.5)	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 (0.5)	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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (0.5)	ND (1)	ND (0.5)	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 (1)	ND (0.5)	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 (1)	ND (0.5)	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 (1)	ND (0.5)	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 (1)	ND (0.5)	ND (0.5)	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 (0.5)	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 (1)	ND (0.5)	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 (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE 1.3

GROUNDWATER CHARACTERIZATION
TWO LINE ROAD NORTH
FISHER-CALO SITE

Sample Location		MW-48	MW-48	MW-48	MW-48	MW-48	EW2N-2	EW2N-2	EW2N-2	EW2N-2	EW2N-2
Sample ID		GW-TMTR-057	GW-TM-104	TMMD-1a2	GW-111301-JPJB-232	GW-050002-TA-275	EW-TMTR-0a1	EW-TMTR-00a	EW-TMTR-157	TMTR-218	EW-TMTR-040
Sample Date		6/15/2000	11/1/2000	5/12/2001	11/13/2001	5/8/02	6/2/1998	8/30/1998	12/10/1998	1/12/1999	6/22/1999
Parameter (Volatiles)	**Unit**										
Chloromethane	ug/l	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	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 (0.5)	ND (1)	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 (1)	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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	ug/l	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/l	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/l	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Butanone	ug/l	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/l	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)		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 (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 (0.5)	ND (1)	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 (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 (0.5)	ND (1)	ND (0.5)	ND (0.5) UJ	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 (1)	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 (1)	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 (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 (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 (2) UJ	ND (2)	ND (2)	ND (2)	ND (2)
Toluene	ug/l	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	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 (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 (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 (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 (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 (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 (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 (1)	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 (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 (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 (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-2*	*EW2N-2*	*EW2N-2*	*EW2N-2*	*EW2N-2*	*EW2N-2*	*EW2N-2*	*EW2N-3*
Sample ID:		*EW-TMTR-093*	*EW-TMTR-151*	*EW-TMTR-206*	*EW-TMTR-070*	*EW-TM-119*	*TMMD-181*	*EW-111301-JPJB-237*	*EW-111301-JPJB-238*	*EW-050802-TA-254*	*EW-TMTR-061*
Sample Date:		*9/10/1999*	*12/13/1999*	*3/1/2000*	*6/20/2000*	*11/3/2000*	*5/21/2001*	*11/13/2001*	*11/13/2001*	*5/8/02*	*6/2/1998*
									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 (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 (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 (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 (0.5)	ND (0.5)	ND (1)	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)	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 (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	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)	ND (1)	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 (0.5)	ND (0.5)	ND (1)	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 (0.5)	ND (0.5)	ND (1)	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 (5)	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)	-
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)	ND (0.5)	ND (1)	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 (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 (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 (0.5)
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)	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 (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 (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 (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 5)	ND (2) UJ
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 (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 (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 (0.5)
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 (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 (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 (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 (0.5)
Styrene	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)	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 (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 (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 (0.5)

TABLE I.3

GROUNDWATER CHARACTERIZATION
TWO LINE ROAD NORTH
FISHER-CALO SITE

Sample Location		EW2N-3	EW2N-3	EW2N-3	EW2N-3	EW2N-3	EW2N-3	EW2N-3	EW2N-3	EW2N-3	EW2N-3
Sample ID		EW-TMTR-088	EW-TMTR-159	EW-TMTR-161	TMTR-220	EW-TMTR-048	EW-TMTR-095	EW-TMTR-150	EW-TMTR-207	EW-TMTR-071	EW-TM-139
Sample Date		8/30/1998	12/10/1998	12/10/1998	3/12/1999	6/22/1999	9/10/1999	12/13/1999	3/1/2000	6/20/2000	11/3/2000
				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 (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 (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 (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 (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 (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	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 (0.5)	ND (0.5)	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)	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 (0.5)	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 (0.5)	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 (2)	ND (2)	ND (2)	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 (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 (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 (0.5)	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 (0.5)	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) UJ	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)
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 (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 (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 (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 (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 (2)	ND (2)	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 (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 (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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	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 (0.5)	ND (0.5)	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 (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 (0.5)	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 (0.5)	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-3*	*EW2N-3*	*EW2N-3*	*EW2N-3 Dup.*	*EW2N-4*	*EW2N-4*	*EW2N-4*	*EW2N-4*	*EW2N-4*	*EW2N-4*
Sample ID:		*TMMD-182*	*EW-111201-JPJB-216*	*EW-050802-TA-255*	*EW-050802-TA-256*	*EW-TMTR-059*	*EW-TMTR-100*	*EW-TMTR-163*	*TMTR-222*	*EW-TMTR-050*	*EW-TMTR-101*
Sample Date:		*5/21/2001*	*11/12/2001*	*5/8/02*	*5/8/02*	*6/2/1998*	*8/30/1998*	*12/10/1998*	*3/12/1999*	*6/22/1999*	*9/13/1999*
					Duplicate						
Parameter (Volatiles)	*Unit*										
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1)	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)	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)	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)	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)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1)	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 (1)	ND (1)	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)	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)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.7
2-Butanone	ug/L	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1)	-	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	ND (0.5)	0.7	0.81J	0.85J	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)	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)	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)	ND (0.5)	ND (0.5) UJ	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)	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)	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)	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)	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)	ND (2) UJ	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (1)	ND (1)	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)	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)	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)	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)	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)	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)	ND (0.5)	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 (1)	ND (1)	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 (1)	ND (1)	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)	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)	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:		*FW2N-4*	*FW2N-4*	*FW2N-4*	*FW2N-4*	*FW2N-4*	*FW2N-4*	*FW2N-4*
Sample ID:		*FW-IMTR-149*	*FW-IMTR-208*	*FW-IMTR-072*	*FW-IMT-121*	*IMMD-183*	*FW-111301-JPJB-214*	*FW-050802-TA-257*
Sample Date:		*12/13/1999*	*1/1/2000*	*6/20/2000*	*11/1/2000*	*5/21/2001*	*11/13/2001*	*5/8/02*
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)
Vinyl chloride	ug/L	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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
1,1-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	0.9	1	2	1.3
Carbon disulfide	ug/L	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)
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)
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)
1,1-Dichloroethane	ug/L	0.7	2	2	3.1	4	4	2.2
cis-1,2-Dichloroethene	ug/L	7	9	14	21	21	21	18
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)
Chloroform (Trichloromethane)	ug/L	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	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	11	26	27
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Benzene	ug/L	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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Trichloroethene	ug/L	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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Bromodichloromethane	ug/L	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 (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 (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)
Toluene	ug/L	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 (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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Tetrachloroethene	ug/L	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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Chlorobenzene	ug/L	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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Styrene	ug/L	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Bromoform	ug/L	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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Xylene (total)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)

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*	*CRA-39*	*CRA-39*	*CRA-39*	*CRA-39*	*CRA-39*	*CRA-39*	*CRA-39*
Sample ID:		*GW-TMTR-052*	*GW-TMTR-054*	*GW-TMTR-108*	*GW-TMTR-110*	*GW-TMTR-152*	*TMTR-207*	*TMTR-209*	*GW-TMTR-042*	*GW-TMTR-079*	*GW-TMTR-148*	*GW-TMTR-200*
Sample Date:		*6/1/1998*	*6/1/1998*	*9/2/1998*	*9/2/1998*	*12/3/1998*	*3/11/1999*	*3/11/1999*	*6/22/1999*	*9/8/1999*	*12/9/1999*	*2/29/2000*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	0.5	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	6 J	ND (0.5)	ND (5)	ND (5)	2	3	3	ND (5)	2	2	2 J
Carbon disulfide	ug/L	ND (10) UJ	ND (2)	ND (20)	ND (20)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (2) UJ
Acetone	ug/L	ND (10) UJ	ND (2)	ND (20)	ND (20)	ND (2)	110	120	ND (20)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	2 J	ND (0.5)	ND (6) U	ND (5)	0.6	ND (0.8) U	ND (0.8) U	ND (5)	0.6	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	3 J	ND (0.5)	ND (5)	ND (5)	2	2	3	ND (5)	2	2	2 J
1,1-Dichloroethane	ug/L	160 J	ND (0.5)	88	71	86	170	120	110	82	96	63
cis-1,2-Dichloroethene	ug/L	840 J	ND (0.5)	360	350	300	570	500	370	330	410	350
2-Butanone	ug/L	ND (10) UJ	ND (2)	ND (20)	ND (20)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	-	-	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	52 J	ND (0.5)	32	25	26	64	47	ND (5)	37	23	21 J
Carbon tetrachloride	ug/L	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	0.7	0.7	0.8	ND (5)	0.6	0.5	0.7 J
1,2-Dichloroethane	ug/L	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	920 J	ND (0.5)	500	540	390	900	820	390	500	550	460
1,2-Dichloropropane	ug/L	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/L	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (10) UJ	ND (2) UJ	ND (20)	ND (20)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (2)
Toluene	ug/L	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/L	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	36 J	ND (0.5)	21	17	17	29	34	16	23	15	19 J
Dibromochloromethane	ug/L	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	4 J	ND (0.5)	ND (5)	ND (5)	4	5	5	8	7	6	7 J
Styrene	ug/L	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	11	ND (0.5)	ND (0.5)	ND (0.5)

TABLE I.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location		CRA-39	CRA-39	CRA-39	CRA-39	CRA-39	CRA-39	CRA-39	CRA-39B	CRA-39B	CRA-39B	CRA-39B
Sample ID		GW-IMTR-038	GW-IMTR-060	GW-IM-127	IMMD-172	GW-110001-JPJB-211	GW-110001-JPJB-213	GW-051302-TADB-281	GW-IMTR-090	GW-IMTR-146	IMTR-216	GW-IMTR-064
Sample Date		6/14/2000	6/14/2000	11/9/2000	5/18/2001	11/9/2001	11/9/2001	5/13/02	9/2/1998	12/7/1998	3/11/1999	6/22/1999
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 (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 (0.5)	ND (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/l	2	2	2.3 J	1	1	1	ND (5)	ND (0.5) UJ	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 (2)	25	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/l	ND (2)	ND (2)	ND (2.0)	ND (2)	6	4	25	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/l	ND (0.5)	ND (0.5)	0.6 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/l	2	2	2.1 J	1	1	1	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/l	80	67	70 J	36	38	37	49	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/l	320	270	290 J	190	170	180	290	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 (2)	ND (25)	ND (2)	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 (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/l	24	28	36 J	17	24	24	24	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 (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/l	ND (0.5)	0.5	0.9 J	0.5	ND (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/l	540	470	490 J	260	230	270	320	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 (0.5)	ND (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 (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/l	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (25)	ND (2)	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 (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 (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/l	14	16	21 J	9	12	11	14	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 (0.5)	ND (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 (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/l	6	7	6.5 J	6	6	6	4 J	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 (0.5)	ND (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 (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (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-39B*	*CRA-39B*	*CRA-39B*	*CRA-39B*	*CRA-39B*	*CRA-39B*	*CRA-39B*	*CRA-39B*	*CRA-54*	*CRA-54*	*CRA-54*
Sample ID:		*GW-TMTR-077*	*GW-TMTR-129*	*GW-TMTR-185*	*GW-TMTR-036*	*GW-TM-126*	*TMMD-170*	*GW-110901-JPJB-209*	*GW-051302-TADE-282*	*GW-TMTR-060*	*GW-TMTR-104*	*GW-TMTR-148*
Sample Date:		*9/8/1999*	*12/9/1999*	*2/29/2000*	*6/14/2000*	*11/6/2000*	*5/18/2001*	*11/9/2001*	*5/13/02*	*6/2/1998*	*9/1/1998*	*12/3/1998*
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)	ND (0.5)	ND (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 (0.5)	ND (1)	1	ND (5)	1
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)	ND (0.5)	ND (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 (0.5)	ND (1)	12	9	10
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (20)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	2	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (20)	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)	ND (0.9) U	19	ND (2) U
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 (1)	10	12	14
1,1-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 (1)	500 J	480	370
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 (0.5)	ND (1)	830 J	940	730
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (20)	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)	-	ND (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 (0.5)	ND (1)	200 J	ND (5)	160
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)	ND (0.5)	ND (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 (0.5)	ND (1)	ND (0.5)	ND (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 (0.5)	ND (1)	1	ND (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 (0.5)	ND (1)	ND (0.5)	ND (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 (0.5)	ND (1)	ND (0.5)	ND (5)	
Bromodichloromethane	ug/L											
cis-1,3-Dichloropropene	ug/L											
4-Methyl-2-pentanone	ug/L											
Toluene	ug/L											
trans-1,3-Dichloropropene	ug/L											
1,1,2-Trichloroethane	ug/L											
Tetrachloroethene	ug/L											
Dibromochloromethane	ug/L											
Chlorobenzene	ug/L											
Ethylbenzene	ug/L											
Styrene	ug/L											
Bromoform	ug/L											
1,1,2,2-Tetrachloroethane	ug/L											
Xylene (total)	ug/L											

TABLE I.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location		CRA-39	CRA-39	CRA-39	CRA-39	CRA-39	CRA-39	CRA-39	CRA-39	CRA-39	CRA-39	CRA-39
Sample ID		GW-IMTR-052	GW-IMTR-054	GW-IMTR-108	GW-IMTR-110	GW-IMTR-152	IMTR-207	IMTR-209	GW-IMTR-042	GW-IMTR-079	GW-IMTR-148	GW-IMTR-200
Sample Date		6/1/1998	6/1/1998	9/2/1998	9/2/1998	12/9/1998	3/11/1999	3/11/1999	6/23/1999	9/8/1999	12/9/1999	2/29/2000
Parameter (Volatiles)	Unit											
Chloromethane	ug/l	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/l	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	0.5	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/l	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/l	6 J	ND (0.5)	ND (5)	ND (5)	2	3	3	ND (5)	2	2	2 J
Carbon disulfide	ug/l	ND (10) UJ	ND (2)	ND (20)	ND (20)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (2) UJ
Acetone	ug/l	ND (10) UJ	ND (2)	ND (20)	ND (20)	ND (2)	110	120	ND (20)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/l	2 J	ND (0.5)	ND (6) U	ND (5)	0.6	ND (0.8) U	ND (0.8) U	ND (5)	0.6	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/l	3 J	ND (0.5)	ND (5)	ND (5)	2	2	3	ND (5)	2	2	2 J
1,1-Dichloroethane	ug/l	160 J	ND (0.5)	88	71	86	170	120	110	82	96	63
cis-1,2-Dichloroethene	ug/l	840 J	ND (0.5)	360	350	300	370	300	370	330	410	350
2-Butanone	ug/l	ND (10) UJ	ND (2)	ND (20)	ND (20)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/l			ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/l	52 J	ND (0.5)	32	25	26	64	47	ND (5)	17	23	21 J
Carbon tetrachloride	ug/l	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/l	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	0.7	0.7	0.8	ND (5)	0.6	0.5	0.7 J
1,2-Dichloroethane	ug/l	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/l	920 J	ND (0.5)	500	540	390	900	820	390	500	550	460
1,2-Dichloropropane	ug/l	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/l	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	ug/l	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/l	ND (10) UJ	ND (2) UJ	ND (20)	ND (20)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (2)
Toluene	ug/l	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	ug/l	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/l	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/l	36 J	ND (0.5)	21	17	17	29	34	16	23	19	19 J
Dibromochloromethane	ug/l	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/l	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/l	4 J	ND (0.5)	ND (5)	ND (5)	4	5	5	8	7	6	7 J
Styrene	ug/l	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/l	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/l	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/l	ND (2) UJ	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	11	ND (0.5)	ND (0.5)	ND (0.5)

TABLE I.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location:		*CRA-39*	*CRA-39*	*CRA-39*	*CRA-39*	*CRA-39*	*CRA-39*	*CRA-39*	*CRA-39B*	*CRA-39B*	*CRA-39B*	*CRA-39B*
Sample ID:		*GW-TMTR-038*	*GW-TMTR-040*	*GW-TM-127*	*TMMD-172*	*GW-110901-JPJB-211*	*GW-110901-JPJB-213*	*GW-051302-TADE-283*	*GW-TMTR-090*	*GW-TMTR-146*	*TMTR-216*	*GW-TMTR-044*
Sample Date:		*6/14/2000*	*6/14/2000*	*11/6/2000*	*5/18/2001*	*11/9/2001*	*11/9/2001*	*5/13/02*	*9/2/1998*	*12/3/1998*	*3/11/1999*	*6/22/1999*
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 (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 (0.5)	ND (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	2	2	2.3 J	1	1	1	ND (5)	ND (0.5) UJ	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 (2)	25	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2.0)	ND (2)	6	4	25	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	0.6 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	2	2	2.1 J	1	1	1	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	80	67	70 J	36	38	37	49	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	320	270	250 J	190	170	180	230	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 (2)	ND (25)	ND (2)	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 (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	24	28	36 J	17	24	24	24	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 (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (0.5)	0.5	0.9 J	0.5	ND (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	540	470	490 J	260	270	270	320	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 (0.5)	ND (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 (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (25)	ND (2)	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 (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 (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	14	16	21 J	9	12	11	14	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 (0.5)	ND (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 (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	6	7	6.5 J	6	6	6	4.1J	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 (0.5)	ND (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 (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE 1.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location		CRA-39B	CRA-39B	CRA-39B	CRA-39B	CRA-39B	CRA-39B	CRA-39B	CRA-39B	CRA-54	CRA-54	CRA-54
Sample ID		GW-TMTR-077	GW-TMTR-129	GW-TMTR-185	GW-TMTR-036	GW-TM-12a	TMMD-170	GW-110001-JPJN-209	GW-051302-TADN-282	GW-TMTR-060	GW-TMTR-104	GW-TMTR-148
Sample Date		9/8/1999	12/9/1999	2/29/2000	6/14/2000	11/8/2000	5/18/2001	11/9/2001	5/13/02	6/2/1998	9/2/1998	12/3/1998
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)	ND (0.5)	ND (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 (0.5)	ND (1)	1	ND (5)	1
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)	ND (0.5)	ND (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 (0.5)	ND (1)	12	9	10
Carbon disulfide	ug/l	ND (2)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (20)	ND (2)
Acetone	ug/l	ND (2)	ND (2)	ND (2)	2	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (20)	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)	ND (0.9) U	19	ND (2) U
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 (1)	10	12	14
1,1-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 (1)	500 J	480	570
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 (0.5)	ND (1)	830 J	940	770
2-Butanone	ug/l	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (20)	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)	-	ND (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 (0.5)	ND (1)	200 J	ND (5)	160
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)	ND (0.5)	ND (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 (0.5)	ND (1)	ND (0.5)	ND (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 (0.5)	ND (1)	1	ND (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 (0.5)	ND (1)	ND (0.5)	ND (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 (0.5)	ND (1)	ND (0.5)	ND (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)	ND (0.5)	ND (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)	ND (0.5)	ND (5)	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 (2) J	ND (20)	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)	ND (0.5)	ND (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)	ND (0.5)	ND (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 (0.5)	ND (1)	ND (0.5)	ND (5)	0.6
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 (1)	ND (0.5)	ND (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)	ND (0.5)	ND (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)	ND (0.5)	ND (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)	ND (0.5)	ND (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)	ND (0.5)	ND (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)	ND (0.5)	ND (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)	ND (0.5)	ND (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)	ND (0.5)	ND (5)	ND (0.5)

TABLE I.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location:		*CRA-54*	*CRA-54*	*CRA-54*	*CRA-54*	*CRA-54*	*CRA-54*	*CRA-54*	*CRA-54*	*CRA-54*	*CRA-54*	*CRA-54*
Sample ID:		GW-TMTR-150	TMTR-205	GW-TMTR-037	GW-TMTR-039	GW-TMTR-074	GW-TMTR-131	GW-TMTR-199	GW-TMTR-047	GW-TM-124	GW-TM-125	TMMD-155
Sample Date:		*12/3/1998*	*3/11/1999*	*6/22/1999*	*6/22/1999*	*9/8/1999*	*12/10/1999*	*2/29/2000*	*6/14/2000*	*11/6/2000*	*11/6/2000*	*5/18/2001*
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 (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	1	2	ND (0.5)	ND (0.5)	1 J	ND (0.5)	0.6	ND (0.5)	ND (0.5)	ND (0.5)	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 (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	11	15	17	14	13 J	25	23	16	22	19	9
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2.0)	ND (2)
Acetone	ug/L	ND (2)	34	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2.0)	ND (3) U
Methylene chloride	ug/L	ND (2) U	3	3 J	3	3 J	1	2	2	ND (0.5)	ND (0.5)	2
trans-1,2-Dichloroethene	ug/L	13	22	22	20	19 J	13	24	26	18	17	21
1,1-Dichloroethane	ug/L	340	470	560 J	410 J	410 J	320	610	600	270 J	310	290
cis-1,2-Dichloroethene	ug/L	670	1000	1300	1100	1000 J	860	1700	1500	1200 J	1200	1300
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2.0)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	0.4 J	0.4 J	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	160	260	220	260	220 J	320	250	220	350 J	350	180
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 (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 (0.5)*	*ND (0.5)*	*ND (0.5)*	*ND (0.5)*	*ND (0.5)*
1,2-Dichloroethane	ug/L	ND (0.5)	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1	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 (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 (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 (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)
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 (0.5)*	*ND (0.5)*	*ND (0.5)*
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2.0)	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 (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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	0.7	0.9	0.9 J	ND (0.5)	ND (0.5)	1	0.9	0.8	1.6	1.4	0.8
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 (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 (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 (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 (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)
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 (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 (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 (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 (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)

TABLE 1.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location		*CRA-54*	*CRA-54*	*CRA-54*	*CRA-55*	*CRA-55*	*CRA-55*	*CRA-55*	*CRA-55*	*CRA-55*	*CRA-55*	*CRA-55*
Sample ID		IAMID-157	GW-110901-JPJB-215	GW-051302-IADI-287	GW-IMTR-058	GW-IMTR-106	GW-IMTR-142	IMTR-201	GW-IMTR-033	GW-IMTR-075	GW-IMTR-146	GW-IMTR-183
Sample Date		5/18/2001	11/9/2001	5/13/02	6/2/1998	9/1/1998	12/2/1998	3/11/1999	6/18/1999	9/8/1999	12/9/1999	2/29/2000
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (25)	ND (0.5)	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)	2	ND (25)	ND (0.5)	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 (25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	9	10	ND (25)	5	6	4	5	11	4	4	8
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (120)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2) UJ
Acetone	ug/L	ND (2)	ND (2)	ND (120)	ND (2)	ND (2)	ND (2)	14	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	2	2	ND (25)	ND (0.5)	ND (1) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	20	22	31	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	280	800	980	ND (2) UJ	1	1	2	4	8	6	17 J
cis-1,2-Dichloroethene	ug/L	1200	1700	1400	6	4	3	3	2	2	0.8	3
2-Butanone	ug/L	ND (2)	ND (2)	ND (120)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (25)		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	180	180	180	35	56	42	73	83	73	76	150
Carbon tetrachloride	ug/L	ND (0.5)	ND (0.5)	ND (25)	ND (0.5)	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 (25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	ug/L	ND (0.5)	0.9	ND (25)	ND (0.5)	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)	1	ND (25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	ug/L	ND (0.5)	ND (0.5)	ND (25)	ND (0.5)	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 (25)	ND (0.5)	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 (25)	ND (0.5)	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 (120)	ND (2) UJ	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (25)	ND (0.5)	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 (25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	ug/L	0.8	1	ND (25)	ND (0.5)	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 (25)	ND (0.5)	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 (25)	ND (0.5)	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 (25)	ND (0.5)	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 (25)	ND (0.5)	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 (25)	ND (0.5)	ND (0.5)	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 (25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	ug/L	ND (0.5)	ND (0.5)	ND (25)	ND (0.5)	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 (25)	ND (0.5)	ND (0.5)	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:		*CRA-55*	*CRA-55*	*CRA-55*	*CRA-55*	*CRA-55*	*CRA-55*	*CRA-57*	*CRA-57*	*CRA-57*	*CRA-57*	*CRA-57*
Sample ID:		*GW-TMTR-045*	*GW-TM-122*	*TMMD-133*	*GW-110901-JPJB-212*	*GW-051302-TADE-285*	*GW-051302-TADE-286*	*GW-TMTR-064*	*GW-TMTR-102*	*GW-TMTR-144*	*TMTR-214*	*GW-TMTR-035*
Sample Date:		*6/14/2000*	*11/5/2000*	*5/16/2001*	*11/9/2001*	*5/13/02*	*5/13/02*	*6/2/1998*	*9/1/1998*	*12/2/1998*	*3/11/1999*	*6/18/1999*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5) UJ	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 (1)	ND (1)	ND (0.5) UJ	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 (1)	ND (1)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ug/L	6	4.1	3	5	4	3.6	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2) UJ	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2.0)	2 U	ND (2)	ND (5)	ND (5)	ND (2) UJ	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5) UJ	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 (1)	ND (1)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	ug/L	18	9.6	5	5	1.1	1	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	1	0.8	0.6	2	ND (1)	ND (1)	ND (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2) UJ	ND (2)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	-	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	84	84	86	130	150	140	ND (0.5) UJ	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 (1)	ND (1)	ND (0.5) UJ	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)	ND (0.5) UJ	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 (1)	ND (1)	ND (0.5) UJ	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 (1)	ND (1)	ND (0.5) UJ	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 (1)	ND (1)	ND (0.5) UJ	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)	ND (0.5) UJ	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)	ND (0.5) UJ	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)	ND (2) UJ	ND (2)	ND (2)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5) UJ	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)	ND (0.5) UJ	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)	ND (0.5) UJ	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)	ND (0.5) UJ	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)	ND (0.5) UJ	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)	ND (0.5) UJ	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)	ND (0.5) UJ	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 (1)	ND (1)	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 (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5) UJ	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)	ND (0.5) UJ	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)	ND (0.5) UJ	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-57	CRA-57	CRA-57	CRA-57	CRA-57	CRA-57	CRA-57	CRA-57	CRA-61	CRA-61	CRA-61
Sample ID		GW-TMTR-072	GW-TMTR-144	GW-TMTR-197	GW-TMTR-043	GW-TM-101	TMMD-151	GW-110901-JPJB-200	GW-051302-TADE-384	GW-TMTR-062	GW-TMTR-093	GW-TMTR-140
Sample Date		9/8/1999	12/9/1999	2/29/2000	6/14/2000	11/6/2000	5/16/2001	11/9/2001	5/13/02	6/2/1998	9/1/1998	12/2/1998
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)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	ND (0.5) UJ	ND (0.5)	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	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 (0.5)	ND (1)		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 (0.5)	ND (1)	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 (0.5) UJ	ND (1)	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 (0.5)	ND (1)	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 (0.5) UJ	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	ND (0.5)	ND (0.5)	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 (2) UJ	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE I.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location:		*CRA-61*	*CRA-61*	*CRA-61*	*CRA-61*	*CRA-61*	*CRA-61*	*CRA-61*	*CRA-61*	*CRA-61*	*CRA-61*	*MW-67*
Sample ID:		*TMTR-212*	*GW-TMTR-040*	*GW-TMTR-070*	*GW-TMTR-142*	*GW-TMTR-198*	*GW-TMTR-041*	*GW-TM-123*	*TMMD-153*	*GW-110901-JPJB-210*	*GW-051302-TADE-288*	*GW-TMTR-056*
Sample Date:		*3/11/1999*	*6/22/1999*	*9/8/1999*	*12/9/1999*	*2/29/2000*	*6/14/2000*	*11/6/2000*	*5/18/2001*	*11/9/2001*	*5/13/02*	*6/1/1998*
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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	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 (0.5)	ND (1)	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)	ND (0.5)	ND (1)	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 (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
cis-1,2-Dichloroethene	ug/L	ND (0.5)	ND (0.5)	0.6	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	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 (0.5)	ND (1)	-
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)	ND (0.5)	ND (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (0.5)	ND (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2) UJ
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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (0.5)	ND (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	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 (0.5)	ND (1)	ND (0.5)

TABLE 1.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location		MW-67	MW-67	MW-67	MW-67	MW-67	MW-67	MW-67	MW-67	MW-67	MW-67	MW-67
Sample ID		GW-TMTR-095	GW-TMTR-119	TMTR-201	GW-TMTR-031	GW-TMTR-071	GW-TMTR-127	GW-TMTR-181	GW-TMTR-017	GW-TM-087	TMMD-168	GW-110001-JPB-20a
Sample Date		9/2/1998	12/2/1998	1/10/1999	6/12/1999	9/8/1999	12/9/1999	2/29/2000	6/13/2000	11/2/2000	1/18/2001	11/9/2001
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 (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 (0.5)	ND (0.5) UJ	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 (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 (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 (2)	ND (2)	ND (2)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	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 (0.5)	ND (0.5)	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 (0.5)	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 (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)
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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	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 (0.5)	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 (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)
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 (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 (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 (0.5)	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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	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 (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 (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 (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 (2)	ND (2)	ND (2)	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 (0.5)	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 (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)
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 (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 (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 (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 (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)
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 (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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5) UJ	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 (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 (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 (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)

TABLE I.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location:		*MW-67*	*EWSL-1*	*EWSL-1*	*EWSL-1*	*EWSL-1*	*EWSL-1*	*EWSL-1*	*EWSL-1*	*EWSL-1*	*EWSL-1*	*EWSL-1*
Sample ID:		*GW-051302-TADE-281*	*EW-TMTR-066*	*GW-PKTR-066R*	*EW-TMTR-083*	*EW-TMTR-085*	*EW-TMTR-165*	*TMTR-211*	*EW-TMTR-041*	*EW-TMTR-098*	*EW-TMTR-100*	*EW-TMTR-133*
Sample Date:		*5/13/02*	*6/2/1998*	*7/23/1998*	*8/31/1998*	*8/31/1998*	*12/10/1998*	*3/12/1999*	*6/22/1999*	*9/10/1999*	*9/10/1999*	*12/13/1999*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	ug/L	ND (1)	0.7	0.5	0.6	ND (5)	0.7	0.7	0.6	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (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 (1)	2	2	2	ND (5)	3	3	2	2	2	2
Carbon disulfide	ug/L	ND (5)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (5)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (1)	ND (1) U	0.9	ND (0.8) U	ND (5)	2	2	1	2	2	ND (1) U
trans-1,2-Dichloroethene	ug/L	ND (1)	7	7	6	6	9	9	9	8	8	9
1,1-Dichloroethane	ug/L	ND (1)	R	300	330	240	390	300	240	220	190	200
cis-1,2-Dichloroethene	ug/L	ND (1)	R	600	630	530	760	580	450	460	410	520
2-Butanone	ug/L	ND (5)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (1)	-	-	ND (0.5)	ND (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 (1)	2	2	3	ND (5)	4	3	2	2	2	2
Carbon tetrachloride	ug/L	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Benzene	ug/L	ND (1)	0.9	0.8	0.9	ND (5)	1	0.9	0.6	ND (0.5)	ND (0.5)	0.5
1,2-Dichloroethane	ug/L	ND (1)	1	ND (0.5)	1 J	ND (5) UJ	2	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	ug/L	ND (1)	14	18	28	23	28	25	18	22	23	18
1,2-Dichloropropane	ug/L	ND (1)	ND (0.5)	0.6	0.6	ND (5)	0.7	0.7	0.4 J	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	ug/L	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (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 (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (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 (5)	ND (2) UJ	ND (2)	ND (2)	ND (20)	2	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Toluene	ug/L	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (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 (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (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 (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	ug/L	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ug/L	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	ug/L	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	ug/L	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	ug/L	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	ug/L	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (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 (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Xylene (total)	ug/L	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	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-1	EWSL-1	EWSL-1	EWSL-1	EWSL-1	EWSL-1	EWSL-1	EWSL-1	EWSL-2	EWSL-2	EWSL-2
Sample ID		EW-IMTR-201	EW-IMTR-202	EW-IMTR-0a0	GW-IM-129	IMMD-171	EW-111301-JPJR-217	EW-111301-JPJR-218	EW-051302-IA-280	EW-IMTR-0a8	EW-IMTR-087	EW-IMTR-167
Sample Date		3/1/2000	3/1/2000	6/19/2000	11/6/2000	5/21/2001	11/13/2001	11/13/2001	5/13/02	6/2/1998	8/31/1998	12/10/1998
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 (5)	ND (0.5)	ND (5)	ND (0.5)
Vinyl chloride	ug/L	0.6	0.6	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (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 (5)	ND (0.5)	ND (5)	ND (0.5)
1,1-Dichloroethene	ug/L	3	3	2	1.9	2	2	2	ND (5)	21	16	21
Carbon disulfide	ug/L	ND (2) UJ	ND (2) UJ	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (25)	ND (2)	ND (20)	ND (2)
Acetone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	3	ND (25)	ND (2)	ND (20)	ND (2)
Methylene chloride	ug/L	2	1	ND (2) UJ	1.0	1	0.9	0.8	ND (5)	ND (0.5)	ND (5)	ND (0.5)
trans-1,2-Dichloroethene	ug/L	10	10	8	8.0	7	8	8	6.7	2	ND (5)	1
1,1-Dichloroethane	ug/L	240	220	170	160	130	140	140	100	85 J	42	59
cis-1,2-Dichloroethene	ug/L	560	510	410	340	330	340	340	270	140 J	78	85
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (25)	ND (2)	ND (20)	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 (5)		ND (5)	ND (0.5)
1,1,1-Trichloroethane	ug/L	2	2	ND (0.5)	1.6	1	2	2	ND (5)	270 J	410	320
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 (5)	ND (0.5)	ND (5)	ND (0.5)
Benzene	ug/L	0.6	0.6	0.5	0.5	ND (0.5)	0.6	0.6	ND (5)	ND (0.5)	ND (5)	ND (0.5)
1,2-Dichloroethane	ug/L	0.9	ND (0.5)	0.9	0.9	ND (0.5)	1	1	ND (5)	ND (0.5)	ND (5) UJ	ND (0.5)
Trichloroethene	ug/L	24	25	18	10	10	14	15	13	33	24	40
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 (5)	ND (0.5)	ND (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 (5)	ND (0.5)	ND (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 (5)	ND (0.5)	ND (5)	ND (0.5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (25)	ND (2) UJ	ND (20)	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 (5)	ND (0.5)	ND (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 (5)	ND (0.5)	ND (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 (0.5)	ND (5)	ND (0.5)	ND (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 (0.5)	ND (5)	ND (0.5)	ND (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 (5)	ND (0.5)	ND (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 (5)	ND (0.5)	ND (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 (5)	ND (0.5)	ND (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 (5)	ND (0.5)	ND (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 (5)	ND (0.5)	ND (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 (5)	ND (0.5)	ND (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 (5)	ND (0.5)	ND (5)	ND (0.5)

TABLE I.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location:		*EWSL-2*	*EWSL-2*	*EWSL-2*	*EWSL-2*	*EWSL-2*	*EWSL-2*	*EWSL-2*	*EWSL-2*	*EWSL-2*	*EWSL-2*	*EWSL-2*
Sample ID:		*TMTR-213*	*EW-TMTR-043*	*EW-TMTR-102*	*EW-TMTR-103*	*EW-TMTR-135*	*EW-TMTR-203*	*EW-TMTR-068*	*GW-TM-130*	*TMMD-175*	*EW-111201-JPJB-219*	*EW-051302-TA279*
Sample Date:		*3/12/1999*	*6/22/1999*	*9/13/1999*	*9/13/1999*	*12/13/1999*	*3/1/2000*	*6/19/2000*	*11/6/2000*	*5/22/2001*	*11/12/2001*	*5/13/02*
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 (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (5)
1,1-Dichloroethene	ug/L	37	16	15 J	14	6	26	23	16 J	6	7	5.4
Carbon disulfide	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2) UJ	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (25)
Acetone	ug/L	ND (2)	17	ND (2)	ND (2)	ND (2)	ND (2)	14	ND (2.0)	ND (2)	19	ND (25)
Methylene chloride	ug/L	0.9	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 (5)
trans-1,2-Dichloroethene	ug/L	5	2	1	1	0.8	2	2	2.0 J	2	2	3.1J
1,1-Dichloroethane	ug/L	83	83	52 J	68 J	31	64	57	66 J	63	58	66
cis-1,2-Dichloroethene	ug/L	120	130	88 J	120 J	99	140	170	220 J	190	190	210
2-Butanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (25)
Chloroform (Trichloromethane)	ug/L	0.6	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 (5)
1,1,1-Trichloroethane	ug/L	370	410	290 J	390 J	320	320	270	230 J	260	270	210
Carbon tetrachloride	ug/L	ND (0.5)	39	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)
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 (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (5)
Trichloroethene	ug/L	52	38	38	44	38	51	56	78 J	66	89	97
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 (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (5)
4-Methyl-2-pentanone	ug/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2)	ND (2)	ND (25)
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 (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (5)
1,1,2-Trichloroethane	ug/L	0.9	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 (5)
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 (0.5)	2	6.9
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 (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (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 (0.5)	ND (0.5)	ND (5)

TABLE I.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location		FWSL-3	FWSL-3	FWSL-3	FWSL-3	FWSL-3	FWSL-3	FWSL-3	FWSL-3	FWSL-3	FWSL-3	FWSL-3
Sample ID		FW-IMTR-070	FW-IMTR-089	FW-IMTR-169	IMTR-215	IMTR-217	FW-IMTR-045	FW-IMTR-047	FW-IMTR-104	FW-IMTR-137	FW-IMTR-204	FW-IMTR-067
Sample Date		6/2/1998	8/31/1998	12/10/1998	1/12/1999	1/12/1999	6/22/1999	6/22/1999	9/13/1999	12/13/1999	1/1/2000	6/19/2000
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 (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 (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 (0.5)	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 (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)
Carbon disulfide	ug/l	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2) [J]	ND (2)
Acetone	ug/l	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	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 (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 (0.5)	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 (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)
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 (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Butanone	ug/l	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	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 (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 (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 (0.5)	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 (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)
1,2-Dichloroethane	ug/l	ND (0.5)	ND (0.5) [J]	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)
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 (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 (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 (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 (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)
4-Methyl-2-pentanone	ug/l	ND (2) [J]	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	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 (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 (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 (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)
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 (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 (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 (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 (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)
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 (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 (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 (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 (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)

TABLE I.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location:		*EWSL-3*	*EWSL-3*	*EWSL-3*	*EWSL-3*	*EWSL-4*	*EWSL-4*	*EWSL-4*	*EWSL-4*	*EWSL-4*	*EWSL-4*	*EWSL-4*
Sample ID:		*EW-TM-101*	*TMMD-177*	*EW-111201-JPJB-220*	*EW-051302-TA-278*	*EW-TMTR-072*	*EW-TMTR-091*	*EW-TMTR-171*	*TMTR-219*	*EW-TMTR-049*	*EW-TMTR-105*	*EW-TMTR-139*
Sample Date:		*11/3/2000*	*5/22/2001*	*11/12/2001*	*5/13/02*	*6/2/1998*	*8/31/1998*	*12/10/1998*	*3/12/1999*	*6/22/1999*	*9/13/1999*	*12/13/1999*
Parameter (Volatiles)	*Unit*											
Chloromethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5) UJ	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)	0.7 J	0.9	0.7	0.6	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5) UJ	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 (0.5) UJ	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 (2) UJ	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	ug/L	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2) UJ	ND (2)	ND (2) UJ	2	ND (2)	ND (2)	ND (2)
Methylene chloride	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5) UJ	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)	ND (0.5) UJ	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)	0.8 J	12	43 J	73	78	69	68
cis-1,2-Dichloroethene	ug/L	ND (0.5)	0.8	0.9	0.73	ND (0.5) UJ	ND (0.5)	5	10	13	22	32
2-Butanone	ug/L	ND (2.0)	ND (2)	ND (2)	ND (5)	ND (2) UJ	ND (2)	ND (2) UJ	ND (2)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	-	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 (0.5) UJ	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 (0.5) UJ	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 (0.5) UJ	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 (0.5) UJ	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)	ND (0.5) UJ	ND (0.5)	ND (0.5)	0.7	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)	ND (0.5) UJ	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 (0.5) UJ	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 (0.5) UJ	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 (2) UJ	ND (2)	ND (2) UJ	ND (2)	ND (2)	ND (2)	ND (2)
Toluene	ug/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5) UJ	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 (0.5) UJ	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 (0.5) UJ	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 (0.5) UJ	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 (0.5) UJ	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 (0.5) UJ	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 (0.5) UJ	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 (0.5) UJ	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 (0.5) UJ	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 (0.5) UJ	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 (0.5) UJ	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE 1.4

GROUNDWATER CHARACTERIZATION
SPACE LEASING
FISHER-CALO SITE

Sample Location		*EWSL-4*	*EWSL-4*	*EWSL-4*	*EWSL-4*	*EWSL-4*	*EWSL-4*	*EWSL-4*	*EWSL-4*	*EWSL-4*
Sample ID		*EW-IMIR-141*	*EW-IMIR-205*	*EW-IMIR-065*	*EW-IM-097*	*EW-IM-099*	*IMMD-179*	*IMMD-184*	*EW-111201-JPJB-221*	*EW-051302-TA-277*
Sample Date		*12/13/1999*	*3/1/2000*	*6/19/2000*	*11/7/2000*	*11/7/2000*	*5/22/2001*	*5/22/2001*	*11/12/2001*	*5/13/02*
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)
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)
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)
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
Carbon disulfide	ug/l	ND (2)	ND (2) [1]	ND (2)	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)
Acetone	ug/l	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)
Methylene chloride	ug/l	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) [1]	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
trans-1,2-Dichloroethene	ug/l	ND (0.5)	0.6	ND (0.5)	0.8	0.8	1	1	1	1.6
1,1-Dichloroethane	ug/l	70	120	83	72 J	90 J	86	98	120	120
cis-1,2-Dichloroethene	ug/l	34	35	28	34 J	43 J	45	54	63	84
2-Butanone	ug/l	ND (2)	ND (2)	ND (2)	ND (2.0)	ND (2.0)	ND (2)	ND (2)	ND (2)	ND (5)
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)
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)
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)
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)
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
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)

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 VI

MINUTES FROM MONTHLY TELECONFERENCES

LFR
LEVINE•FRICKE

TELECONFERENCE MINUTES

Date: January 8, 2002

Time: 10:00 am CST

Participants: Jeff Gore, USEPA
Resa Ramsey, IDEM
Richard Paulen, Fisher-Calo Trustee
Daver Heidlauf, MWH
Rick Frendt, Parsons
Bruce MonTeith, CRA
Tom Miller, CRA
Dilan Singaraja, CRA
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. Source Area Remediation Program

Rick Frendt indicated the source area remediation has been completed and Parsons has moved some SVE system equipment to the groundwater treatment center. Parsons has been working on leveling the "Mount Fisher" area and backfilling the excavation pit. Fences and the canopy will be removed except for at Space Leasing where the owner requested the fence to remain.

2. Ground Water Remediation

Wei-Lin Feng stated that LFR continues to work with CRA during the contract transition period. CRA redeveloped EW1S-1 and 2, replaced pump liquid ends and swabbed yard piping at all areas. LFR and CRA cleaned Air Stripper No. 2. The electrician wired the CO2 detectors to the well field control building exhaust fans.

Bruce M. of CRA stated that the semi-annual report will be completed this week and sent to Dave H. Dave H. asked for a well efficiency report for the two wells that were redeveloped.

Jeff and Resa will visit the site tomorrow January 9, 2002 to view soil areas.

Next call on February 5, 2002.

LFR
LEVINE•FRICKE

TELECONFERENCE MINUTES

Date: February 5, 2002

Time: 10:00 am CST

Participants: Jeff Gore, USEPA
Resa Ramsey, IDEM
Richard Paulen, Fisher-Calo Trustee
Bruce White, Fisher Calo Trustee
Dave Heidlauf, MWH
Sasa Jabciz, Parsons
Bruce Monteith, CRA
Tom Miller, CRA
Dilan Singaraja, CRA
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. Source Area Remediation Program

Sasa Jabciz said the soil remediation is complete, all equipment has been moved to the treatment plant enclosure and the completion report was submitted to EPA and IDEM in mid-January. Dick Paulen commented that the liner beneath Mt Fisher was in good condition before backfilling began. Dave Heidlauf asked Jeff and Resa if a site visit would be required before final approval. Jeff and Resa will discuss, Resa wants to speak to Rick at Parsons but he is out today, she will call him tomorrow.

2. Groundwater Treatment O&M

Wei-Lin Feng stated the average flow rate for the month was between 850 and 900 gpm. The system was down for 14 hours on January 31 due to a power outage. EW1S-3 was down for two days due to pump motor failure on Saturday, January 26. It was fixed on Monday, January 28. LFR will conduct quarterly hydraulic monitoring on February 26 and 27. CRA replaced destroyed staff gauges.

3. 2001 Semi-Annual Report Discussion

Jeff Gore commented that the contaminant concentrations at CRA-55 may be increasing. LFR stated that this is not unusual based on the historic data for this well. Jeff Gore asked if transition was complete to LFR. Yes, the transition is complete; LFR will adopt the same report format as CRA. Resa stated that IDEM generally reviews reports in 30 days.

Next Call March 5, 2002

LFR
LEVINE•FRICKE

TELECONFERENCE MINUTES

Date: March 5, 2002

Time: 10:00 am CST

Participants: Jeff Gore, USEPA
Resa Ramsey, IDEM
Richard Paulen, Fisher-Calo Trustee
Rob Olian, 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. Source Area Remediation Program

Jeff Gore stated that an approval letter was sent to Dick Paulen. Jeff and Resa will visit site to see Mt. Fisher area and to verify that equipment has been moved to the treatment plant.

2. Groundwater Treatment O&M

Wei-Lin Feng stated that LFR responded to one system alarm due to a power outage. The system was back online within two hours. Quarterly hydraulic monitoring was completed on February 28. The contour map is similar to the November 2001 map. The CO2 detector at the one line north WFCB was replaced due to malfunction. LFR will do well maintenance at one line south during March or early April. LFRwill notify Jeff and Resa of the schedule. The treatment system sampling will be conducted in April.

Next Call April 2, 2002

LFR
LEVINE•FRICKE

TELECONFERENCE MINUTES

Date: April 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
Dale Ellingson, LFR

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

During the teleconference the following items were discussed:

1. Source Area Remediation Program

Jeff Gore stated that additional grading is needed at the Mt. Fisher Area to stop water ponding. The Parsons decon area on One Line Road needs additional cleanup and restoration. Dick Paulen said Dave Heidlauf has spoken to Rick Frendt at Parsons about these items. LFR will notify Jeff and Resa when additional work is complete.

2. Groundwater Treatment O&M

Dale Ellingson stated that LFR completed pump maintenance and yard pipe swabbing at 1LS-1 and 2LN-4 with Jeff and Resa present. LFR cleaned the flow meters at 1LS WFCB and will do remaining meters this month. No system shutdowns this month. There is a minor CO2 leak in the 1L south WFCB. LFR will have it fixed this month. The treatment system influent and effluent sampling will be conducted during April. LFR will notify Jeff and Resa of the schedule.

Next Call May 7, 2002

LFR
LEVINE•FRICKE

TELECONFERENCE MINUTES

Date: May 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
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. Source Area Remediation Program

Dick Paulen stated that repair work at the Mt. Fisher Area was completed and pictures were sent to Jeff and Resa. Dave Heidlauf said the Parsons decon area on One Line Road was cleaned up and restored. Jeff and Resa will visit the site before issuing final approval.

2. Groundwater Treatment O&M

Wei-Lin stated that LFR completed annual influent and effluent sampling and that the results are consistent with previous sampling events. LFR replaced the main CO2 flow meter and had one one day shut down of the system due to power outage. LFR will conduct semi-annual ground water sampling this month. LFR will notify Jeff and Resa of the schedule. LFR will prepare the annual report during June.

Next Call June 4, 2002

LFR
LEVINE•FRICKE

TELECONFERENCE MINUTES

Date: June 4, 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

There were no soil reports for this month

2. Farm Area

The Mt. Fisher farm area was regraded and is flat. There are pine trees along the road. Nothing else has been planted.

3. Groundwater Treatment O&M

Wei-Lin Feng stated that LFR responded to one system alarm due to a pipe leak. The pipe was replaced with a PVC pipe. May semi-annual analytical results are in and are consistent with previous results. Flow rates are near target.

Next Call July 2, 2002