TA-16

Department of Energy
National Nuclear Security Administration
Los Alamos Site Office
Los Alamos, New Mexico 87544
DEC 1 6 2003

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. John Young
Mr. Curt Frischkorn
Hazardous Materials Bureau
New Mexico Environment Department
P.O. Box 26110
Santa Fe, New Mexico 87502

Dear Mr. Young and Mr. Frischkorn:

Enclosed is the analytical screening data from the sampling of Workplan Well R-26 drilling and development water. Workplan Well R-26 is located at the top of Canyon de Valle in the NW corner of TA-16. Approximately 130,000 gallons of drilling and development water was recently produced during the construction of R-26. The details are as follows:

Pit Water
Approximately 130,000 gallons of drilling and development water are being stored in a lined pit and frac tank at the R-26 drill site. Screening analysis of the pit water produced the following results:

1. No PCBs were detected at concentrations greater than Method Detection Limits.
2. No VOAs were detected with the exception of acetone at 2100 ppb and toluene at 13 ppb. It is believed that the acetone detected in the pit water is an artifact of the drilling additive, Quickfoam, that contains isopropyl alcohol.
3. No SVOAs were detected in the sample.
4. Gross alpha activity is 10.7 pCi/L (+/-1.0 pCi/L), below the EPA drinking water MCL of 15 pCi/L.
5. Tritium results were non detect (RL=1200 pCi/L).
6. No perchlorate was detected in the sample (MRL=4.0 ppb). Note: Result was reported as <400 ppb due a 100X dilution performed on the sample.
7. Screening results show that no contaminants exceeded NM WQCC Regulation 3103 ground water standards with the exception of the following:
   - Al=7.23 ppm (ground water std=5.0 ppm)
   - Fe=1.08 ppm (ground water std=1.0 ppm)

R-26 is located on the west side of TA-16 near Canon de Valle. It is located upgradient of any PRSs or historic TA-16 outfalls. It will serve as a background well for the southwestern portion of LANL.

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DOE proposes to apply the R-26 drilling and development water to the dirt shoulders of the paved road leading from the old fire house at TA-16 to the R-26 location. This water will also be applied to the borrow pit located north of R-26 and Canon De Valle. The application will be conducted in accordance with the terms and conditions of the Hydrogeologic Workplan NOI.

Should you have any questions regarding this notification, Bob Enz, DOE, can be reached at 667-7640, or Bob Beers, LANL, at 667-7969 (office) or 699-2342 (cell).

Sincerely,

Mat Johansen
Groundwater Compliance
Compliance Manager

OPM:1BE-003

Enclosure

cc w/enclosure:
M. Leavitt
New Mexico Environmental Department
P.O. Box 26110
Santa Fe, NM 87502

B. Enz, OPM, LASO
T. Whitacre, OPM, LASO
J. Holt, ADO, LANL, MS-A104
B. Ramsey, RRES-DO, LANL, MS-J591
K. Hargis, RRES-DO, LANL, MS- J591
T. George, RRES-DO, LANL, MS-J591
D. Stavert, RRES-EP, LANL, MS-J591
C. Nylander, RRES-GP, LANL, MS-M992
S. Rae, RRES-WQH, LANL, MS-K497
M. Saladen, RRES-WQH, LANL, MS-K497
B. Beers, RRES-WQH, LANL, MS-K497
S. Pearson, RRES-WQH, LANL, MS-M992

DEC 1 6 2003

Hall Environmental Analysis Laboratory

COVER LETTER

December 05, 2003

Mark Everett
Kleinfelder
8300 Jefferson, NE Suite B
Albuquerque, NM 87113
TEL: (505) 344-7373
FAX (505) 344-1711

RE: R-26 Order No.: 0311068

Dear Mark Everett:

Hall Environmental Analysis Laboratory received 3 samples on 11/10/2003 for the analyses presented in the following report.

This is a preliminary report that contains incomplete data or data that has not been fully validated. Caution should be exercised in the use of any data presented as final reported results may not reflect the values presented.

If you have any questions regarding these test results, please feel free to call.

Hall Environmental Analysis Laboratory

Date: *05-Dec-03*

CLIENT: Kleinfelder
Lab Order: 0311068
Project: R-26
Lab ID: 0311068-01

Client Sample ID: R-26 pit
Collection Date: 11/10/2003 12:50:00 PM
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: BDH
Fluoride	0.21	0.10		mg/L	1	11/10/2003 10:16:48 PM
Chloride	2.4	0.10		mg/L	1	11/10/2003 10:16:48 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	11/10/2003 10:16:48 PM
Bromide	6.7	0.10		mg/L	1	11/10/2003 10:16:48 PM
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	11/10/2003 10:16:48 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	11/10/2003 10:16:48 PM
Sulfate	49	0.50		mg/L	1	11/10/2003 10:16:48 PM
EPA METHOD 8082: PCB'S						Analyst: GT
Aroclor 1016	ND	1.0		µg/L	1	11/20/2003 10:20:09 AM
Aroclor 1221	ND	5.0		µg/L	1	11/20/2003 10:20:09 AM
Aroclor 1232	ND	1.0		µg/L	1	11/20/2003 10:20:09 AM
Aroclor 1242	ND	1.0		µg/L	1	11/20/2003 10:20:09 AM
Aroclor 1248	ND	1.0		µg/L	1	11/20/2003 10:20:09 AM
Aroclor 1254	ND	1.0		µg/L	1	11/20/2003 10:20:09 AM
Aroclor 1260	ND	1.0		µg/L	1	11/20/2003 10:20:09 AM
Surr: Decachlorobiphenyl	87.4	76-111		%REC	1	11/20/2003 10:20:09 AM
Surr: Tetrachloro-m-xylene	67.4	47-94		%REC	1	11/20/2003 10:20:09 AM
EPA METHOD 8260B: VOLATILES						Analyst: JDC
Benzene	ND	10		µg/L	10	11/11/2003
Toluene	13	10		µg/L	10	11/11/2003
Ethylbenzene	ND	10		µg/L	10	11/11/2003
Methyl tert-butyl ether (MTBE)	ND	10		µg/L	10	11/11/2003
1,2,4-Trimethylbenzene	ND	10		µg/L	10	11/11/2003
1,3,5-Trimethylbenzene	ND	10		µg/L	10	11/11/2003
1,2-Dichloroethane (EDC)	ND	10		µg/L	10	11/11/2003
1,2-Dibromoethane (EDB)	ND	10		µg/L	10	11/11/2003
Naphthalene	ND	20		µg/L	10	11/11/2003
1-Methylnaphthalene	ND	40		µg/L	10	11/11/2003
2-Methylnaphthalene	ND	40		µg/L	10	11/11/2003
Acetone	2100	100		µg/L	10	11/11/2003
Bromobenzene	ND	10		µg/L	10	11/11/2003
Bromochloromethane	ND	10		µg/L	10	11/11/2003
Bromodichloromethane	ND	10		µg/L	10	11/11/2003
Bromoform	ND	10		µg/L	10	11/11/2003
Bromomethane	ND	20		µg/L	10	11/11/2003
2-Butanone	ND	100		µg/L	10	11/11/2003
Carbon disulfide	ND	100		µg/L	10	11/11/2003
Carbon Tetrachloride	ND	10		µg/L	10	11/11/2003
Chlorobenzene	ND	10		µg/L	10	11/11/2003
Chloroethane	ND	20		µg/L	10	11/11/2003

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *05-Dec-03*

CLIENT:	Kleinfelder	**Client Sample ID:**	R-26 pit
Lab Order:	0311068	**Collection Date:**	11/10/2003 12:50:00 PM
Project:	R-26		
Lab ID:	0311068-01	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Chloroform	ND	10		µg/L	10	11/11/2003
Chloromethane	ND	10		µg/L	10	11/11/2003
2-Chlorotoluene	ND	10		µg/L	10	11/11/2003
4-Chlorotoluene	ND	10		µg/L	10	11/11/2003
cis-1,2-DCE	ND	10		µg/L	10	11/11/2003
cis-1,3-Dichloropropene	ND	10		µg/L	10	11/11/2003
1,2-Dibromo-3-chloropropane	ND	20		µg/L	10	11/11/2003
Dibromochloromethane	ND	10		µg/L	10	11/11/2003
Dibromomethane	ND	20		µg/L	10	11/11/2003
1,2-Dichlorobenzene	ND	10		µg/L	10	11/11/2003
1,3-Dichlorobenzene	ND	10		µg/L	10	11/11/2003
1,4-Dichlorobenzene	ND	10		µg/L	10	11/11/2003
Dichlorodifluoromethane	ND	10		µg/L	10	11/11/2003
1,1-Dichloroethane	ND	10		µg/L	10	11/11/2003
1,1-Dichloroethene	ND	10		µg/L	10	11/11/2003
1,2-Dichloropropane	ND	10		µg/L	10	11/11/2003
1,3-Dichloropropane	ND	10		µg/L	10	11/11/2003
2,2-Dichloropropane	ND	10		µg/L	10	11/11/2003
1,1-Dichloropropene	ND	10		µg/L	10	11/11/2003
Hexachlorobutadiene	ND	10		µg/L	10	11/11/2003
2-Hexanone	ND	100		µg/L	10	11/11/2003
Isopropylbenzene	ND	10		µg/L	10	11/11/2003
4-Isopropyltoluene	ND	10		µg/L	10	11/11/2003
4-Methyl-2-pentanone	ND	100		µg/L	10	11/11/2003
Methylene Chloride	ND	30		µg/L	10	11/11/2003
n-Butylbenzene	ND	10		µg/L	10	11/11/2003
n-Propylbenzene	ND	10		µg/L	10	11/11/2003
sec-Butylbenzene	ND	10		µg/L	10	11/11/2003
Styrene	ND	10		µg/L	10	11/11/2003
tert-Butylbenzene	ND	10		µg/L	10	11/11/2003
1,1,1,2-Tetrachloroethane	ND	10		µg/L	10	11/11/2003
1,1,2,2-Tetrachloroethane	ND	10		µg/L	10	11/11/2003
Tetrachloroethene (PCE)	ND	10		µg/L	10	11/11/2003
trans-1,2-DCE	ND	10		µg/L	10	11/11/2003
trans-1,3-Dichloropropene	ND	10		µg/L	10	11/11/2003
1,2,3-Trichlorobenzene	ND	10		µg/L	10	11/11/2003
1,2,4-Trichlorobenzene	ND	10		µg/L	10	11/11/2003
1,1,1-Trichloroethane	ND	10		µg/L	10	11/11/2003
1,1,2-Trichloroethane	ND	10		µg/L	10	11/11/2003
Trichloroethene (TCE)	ND	10		µg/L	10	11/11/2003
Trichlorofluoromethane	ND	10		µg/L	10	11/11/2003
1,2,3-Trichloropropane	ND	20		µg/L	10	11/11/2003

Qualifiers:

ND - Not Det[illegible] Re[illegible] Limit

J - Analyte de[illegible]cted be[illegible] w[illegible]anti[illegible]ion limi[illegible]

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

[illegible] Sp[illegible] Re[illegible]ery outsid[illegible] accep[illegible] re[illegible]ver[illegible] limits

[illegible] RF outside [illegible]cept[illegible] [illegible]over[illegible] li[illegible]s

E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *05-Dec-03*

CLIENT: Kleinfelder
Lab Order: 0311068
Project: R-26
Lab ID: 0311068-01

Client Sample ID: R-26 pit
Collection Date: 11/10/2003 12:50:00 PM
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Vinyl chloride	ND	20		µg/L	10	11/11/2003
Xylenes, Total	ND	10		µg/L	10	11/11/2003
Surr: 1,2-Dichloroethane-d4	96.4	70.6-124		%REC	10	11/11/2003
Surr: 4-Bromofluorobenzene	92.8	76.2-122		%REC	10	11/11/2003
Surr: Dibromofluoromethane	94.1	67.2-131		%REC	10	11/11/2003
Surr: Toluene-d8	107	82.1-123		%REC	10	11/11/2003
EPA METHOD 8270D: SEMIVOLATILES						Analyst: **CS**
Acenaphthene	ND	100		µg/L	1	11/14/2003
Acenaphthylene	ND	100		µg/L	1	11/14/2003
Aniline	ND	100		µg/L	1	11/14/2003
Anthracene	ND	100		µg/L	1	11/14/2003
Azobenzene	ND	100		µg/L	1	11/14/2003
Benz(a)anthracene	ND	100		µg/L	1	11/14/2003
Benzidine	ND	200		µg/L	1	11/14/2003
Benzo(a)pyrene	ND	100		µg/L	1	11/14/2003
Benzo(b)fluoranthene	ND	100		µg/L	1	11/14/2003
Benzo(g,h,i)perylene	ND	100		µg/L	1	11/14/2003
Benzo(k)fluoranthene	ND	100		µg/L	1	11/14/2003
Benzoic acid	ND	500		µg/L	1	11/14/2003
Benzyl alcohol	ND	200		µg/L	1	11/14/2003
Bis(2-chloroethoxy)methane	ND	100		µg/L	1	11/14/2003
Bis(2-chloroethyl)ether	ND	100		µg/L	1	11/14/2003
Bis(2-chloroisopropyl)ether	ND	100		µg/L	1	11/14/2003
Bis(2-ethylhexyl)phthalate	ND	100		µg/L	1	11/14/2003
4-Bromophenyl phenyl ether	ND	100		µg/L	1	11/14/2003
Butyl benzyl phthalate	ND	100		µg/L	1	11/14/2003
Carbazole	ND	100		µg/L	1	11/14/2003
4-Chloro-3-methylphenol	ND	200		µg/L	1	11/14/2003
4-Chloroaniline	ND	200		µg/L	1	11/14/2003
2-Chloronaphthalene	ND	100		µg/L	1	11/14/2003
2-Chlorophenol	ND	100		µg/L	1	11/14/2003
4-Chlorophenyl phenyl ether	ND	100		µg/L	1	11/14/2003
Chrysene	ND	100		µg/L	1	11/14/2003
Di-n-butyl phthalate	ND	100		µg/L	1	11/14/2003
Di-n-octyl phthalate	ND	100		µg/L	1	11/14/2003
Dibenz(a,h)anthracene	ND	100		µg/L	1	11/14/2003
Dibenzofuran	ND	100		µg/L	1	11/14/2003
1,2-Dichlorobenzene	ND	100		µg/L	1	11/14/2003
1,3-Dichlorobenzene	ND	100		µg/L	1	11/14/2003
1,4-Dichlorobenzene	ND	100		µg/L	1	11/14/2003
3,3'-Dichlorobenzidine	ND	100		µg/L	1	11/14/2003
Diethyl phthalate	ND	100		µg/L	1	11/14/2003

Qualifiers:
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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *05-Dec-03*

CLIENT:	Kleinfelder	**Client Sample ID:**	R-26 pit
Lab Order:	0311068	**Collection Date:**	11/10/2003 12:50:00 PM
Project:	R-26		
Lab ID:	0311068-01	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Dimethyl phthalate	ND	100		µg/L	1	11/14/2003
2,4-Dichlorophenol	ND	100		µg/L	1	11/14/2003
2,4-Dimethylphenol	ND	100		µg/L	1	11/14/2003
4,6-Dinitro-2-methylphenol	ND	500		µg/L	1	11/14/2003
2,4-Dinitrophenol	ND	500		µg/L	1	11/14/2003
2,4-Dinitrotoluene	ND	100		µg/L	1	11/14/2003
2,6-Dinitrotoluene	ND	100		µg/L	1	11/14/2003
Fluoranthene	ND	100		µg/L	1	11/14/2003
Fluorene	ND	100		µg/L	1	11/14/2003
Hexachlorobenzene	ND	100		µg/L	1	11/14/2003
Hexachlorobutadiene	ND	100		µg/L	1	11/14/2003
Hexachlorocyclopentadiene	ND	100		µg/L	1	11/14/2003
Hexachloroethane	ND	100		µg/L	1	11/14/2003
Indeno(1,2,3-cd)pyrene	ND	100		µg/L	1	11/14/2003
Isophorone	ND	100		µg/L	1	11/14/2003
2-Methylnaphthalene	ND	100		µg/L	1	11/14/2003
2-Methylphenol	ND	100		µg/L	1	11/14/2003
3+4-Methylphenol	ND	100		µg/L	1	11/14/2003
N-Nitrosodi-n-propylamine	ND	100		µg/L	1	11/14/2003
N-Nitrosodiphenylamine	ND	100		µg/L	1	11/14/2003
Naphthalene	ND	100		µg/L	1	11/14/2003
2-Nitroaniline	ND	500		µg/L	1	11/14/2003
3-Nitroaniline	ND	500		µg/L	1	11/14/2003
4-Nitroaniline	ND	200		µg/L	1	11/14/2003
Nitrobenzene	ND	100		µg/L	1	11/14/2003
2-Nitrophenol	ND	100		µg/L	1	11/14/2003
4-Nitrophenol	ND	500		µg/L	1	11/14/2003
Pentachlorophenol	ND	500		µg/L	1	11/14/2003
Phenanthrene	ND	100		µg/L	1	11/14/2003
Phenol	ND	100		µg/L	1	11/14/2003
Pyrene	ND	100		µg/L	1	11/14/2003
Pyridine	ND	100		µg/L	1	11/14/2003
1,2,4-Trichlorobenzene	ND	100		µg/L	1	11/14/2003
2,4,5-Trichlorophenol	ND	100		µg/L	1	11/14/2003
2,4,6-Trichlorophenol	ND	100		µg/L	1	11/14/2003
Surr: 2,4,6-Tribromophenol	57.2	16.6-115		%REC	1	11/14/2003
Surr: 2-Fluorobiphenyl	47.4	37-95.7		%REC	1	11/14/2003
Surr: 2-Fluorophenol	39.3	9.54-89.8		%REC	1	11/14/2003
Surr: 4-Terphenyl-d14	68.0	47.9-115		%REC	1	11/14/2003
Surr: Nitrobenzene-d5	45.7	38-106		%REC	1	11/14/2003
Surr: Phenol-d6	31.5	10.7-63.4		%REC	1	11/14/2003

Qualifiers:

ND - Not Det[illegible] Re[illegible]rti[illegible] Limit

J - Analyte de[illegible]cted be[illegible] w[illegible]anti[illegible]ion limi[illegible]

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

[illegible] Sp[illegible] Re[illegible]very outsid[illegible] accep[illegible] re[illegible]ver[illegible] limits

[illegible] RF outside [illegible]cepted [illegible] over li[illegible]s

E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *05-Dec-03*

CLIENT: Kleinfelder
Lab Order: 0311068
Project: R-26
Lab ID: 0311068-02

Client Sample ID: Trip Blank
Collection Date:
Matrix: TRIP BLANK

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: JDC
Benzene	ND	1.0		µg/L	1	11/11/2003
Toluene	ND	1.0		µg/L	1	11/11/2003
Ethylbenzene	ND	1.0		µg/L	1	11/11/2003
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	11/11/2003
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	11/11/2003
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	11/11/2003
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	11/11/2003
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	11/11/2003
Naphthalene	ND	2.0		µg/L	1	11/11/2003
1-Methylnaphthalene	ND	4.0		µg/L	1	11/11/2003
2-Methylnaphthalene	ND	4.0		µg/L	1	11/11/2003
Acetone	ND	10		µg/L	1	11/11/2003
Bromobenzene	ND	1.0		µg/L	1	11/11/2003
Bromochloromethane	ND	1.0		µg/L	1	11/11/2003
Bromodichloromethane	ND	1.0		µg/L	1	11/11/2003
Bromoform	ND	1.0		µg/L	1	11/11/2003
Bromomethane	ND	2.0		µg/L	1	11/11/2003
2-Butanone	ND	10		µg/L	1	11/11/2003
Carbon disulfide	ND	10		µg/L	1	11/11/2003
Carbon Tetrachloride	ND	1.0		µg/L	1	11/11/2003
Chlorobenzene	ND	1.0		µg/L	1	11/11/2003
Chloroethane	ND	2.0		µg/L	1	11/11/2003
Chloroform	ND	1.0		µg/L	1	11/11/2003
Chloromethane	ND	1.0		µg/L	1	11/11/2003
2-Chlorotoluene	ND	1.0		µg/L	1	11/11/2003
4-Chlorotoluene	ND	1.0		µg/L	1	11/11/2003
cis-1,2-DCE	ND	1.0		µg/L	1	11/11/2003
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/11/2003
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	11/11/2003
Dibromochloromethane	ND	1.0		µg/L	1	11/11/2003
Dibromomethane	ND	2.0		µg/L	1	11/11/2003
1,2-Dichlorobenzene	ND	1.0		µg/L	1	11/11/2003
1,3-Dichlorobenzene	ND	1.0		µg/L	1	11/11/2003
1,4-Dichlorobenzene	ND	1.0		µg/L	1	11/11/2003
Dichlorodifluoromethane	ND	1.0		µg/L	1	11/11/2003
1,1-Dichloroethane	ND	1.0		µg/L	1	11/11/2003
1,1-Dichloroethene	ND	1.0		µg/L	1	11/11/2003
1,2-Dichloropropane	ND	1.0		µg/L	1	11/11/2003
1,3-Dichloropropane	ND	1.0		µg/L	1	11/11/2003
2,2-Dichloropropane	ND	1.0		µg/L	1	11/11/2003
1,1-Dichloropropene	ND	1.0		µg/L	1	11/11/2003

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *05-Dec-03*

CLIENT:	Kleinfelder	**Client Sample ID:**	Trip Blank
Lab Order:	0311068	**Collection Date:**	
Project:	R-26		
Lab ID:	0311068-02	**Matrix:**	TRIP BLANK

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Hexachlorobutadiene	ND	1.0		µg/L	1	11/11/2003
2-Hexanone	ND	10		µg/L	1	11/11/2003
Isopropylbenzene	ND	1.0		µg/L	1	11/11/2003
4-Isopropyltoluene	ND	1.0		µg/L	1	11/11/2003
4-Methyl-2-pentanone	ND	10		µg/L	1	11/11/2003
Methylene Chloride	ND	3.0		µg/L	1	11/11/2003
n-Butylbenzene	ND	1.0		µg/L	1	11/11/2003
n-Propylbenzene	ND	1.0		µg/L	1	11/11/2003
sec-Butylbenzene	ND	1.0		µg/L	1	11/11/2003
Styrene	ND	1.0		µg/L	1	11/11/2003
tert-Butylbenzene	ND	1.0		µg/L	1	11/11/2003
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	11/11/2003
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	11/11/2003
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	11/11/2003
trans-1,2-DCE	ND	1.0		µg/L	1	11/11/2003
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/11/2003
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	11/11/2003
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	11/11/2003
1,1,1-Trichloroethane	ND	1.0		µg/L	1	11/11/2003
1,1,2-Trichloroethane	ND	1.0		µg/L	1	11/11/2003
Trichloroethene (TCE)	ND	1.0		µg/L	1	11/11/2003
Trichlorofluoromethane	ND	1.0		µg/L	1	11/11/2003
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/11/2003
Vinyl chloride	ND	2.0		µg/L	1	11/11/2003
Xylenes, Total	ND	1.0		µg/L	1	11/11/2003
Surr: 1,2-Dichloroethane-d4	96.2	70.6-124		%REC	1	11/11/2003
Surr: 4-Bromofluorobenzene	89.1	76.2-122		%REC	1	11/11/2003
Surr: Dibromofluoromethane	95.4	67.2-131		%REC	1	11/11/2003
Surr: Toluene-d8	105	82.1-123		%REC	1	11/11/2003

Qualifiers:

ND - Not Det[illegible] Re[illegible]rti[illegible] Limit

J - Analyte de[illegible]cted be[illegible] w[illegible]anti[illegible]ion limi[illegible]

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

[illegible] Sp[illegible] Re[illegible]very outsid[illegible] accep[illegible] re[illegible]ver[illegible] limits

I[illegible] RF[illegible] outside [illegible]cepted [illegible] over [illegible]limits

E - Value above quantitation range