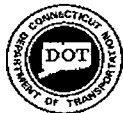


# TASK 210: SURFICIAL SITE INVESTIGATION Volume 2

## Reconstruction of Route 1 (Boston Post Road) From Roses Mill Road to the Orange Town Line Milford, Connecticut

ConnDOT Assignment No. 200-3617  
ConnDOT Project No. 83-230

Prepared for:



State of Connecticut  
Department of Transportation  
Newington, Connecticut 06131

Prepared by:



Maguire Group Inc.  
One Court Street  
New Britain, Connecticut 06051

February 10, 2000

**APPENDIX B**  
**Soil Sample**  
**Laboratory Reports**

C. KNIGHT  
 CT DOT C/O LES  
 354 SOUTH RIVER ROAD  
 TOLLAND, CT 06084

Purchase Order Number: 543199

page 1 of 127

Project Location: MILFORD RTE 1  
 Date Received: 12/15/99

LIMS-BAT #: LIMS-45847  
 Job Number: 83-230  
 Sample Matrix: SOIL

Sampled: 12/13/99  
 2-4'  
 GP-1

	Units	99B29081	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/23/99	CJW	0.250		
Acrolein	mg/kg	ND	12/23/99	CJW	0.100		
Acrylonitrile	mg/kg	ND	12/23/99	CJW	0.038		
Benzene	mg/kg	ND	12/23/99	CJW	0.003		
Bromobenzene	mg/kg	ND	12/23/99	CJW	0.002		
Bromochloromethane	mg/kg	ND	12/23/99	CJW	0.004		
Bromodichloromethane	mg/kg	ND	12/23/99	CJW	0.002		
Bromomethane	mg/kg	ND	12/23/99	CJW	0.006		
Bromoform	mg/kg	ND	12/23/99	CJW	0.006		
2-Butanone (MEK)	mg/kg	ND	12/23/99	CJW	0.060		
n-Butylbenzene	mg/kg	ND	12/23/99	CJW	0.004		
sec-Butylbenzene	mg/kg	ND	12/23/99	CJW	0.003		
tert-Butylbenzene	mg/kg	ND	12/23/99	CJW	0.004		
Carbon Disulfide	mg/kg	ND	12/23/99	CJW	0.015		
Carbon Tetrachloride	mg/kg	ND	12/23/99	CJW	0.002		
Chlorobenzene	mg/kg	ND	12/23/99	CJW	0.003		
Chlorodibromomethane	mg/kg	ND	12/23/99	CJW	0.002		
Chloroethane	mg/kg	ND	12/23/99	CJW	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/23/99	CJW	0.048		
Chloroform	mg/kg	ND	12/23/99	CJW	0.004		
Chloromethane	mg/kg	ND	12/23/99	CJW	0.075		
2-Chlorotoluene	mg/kg	ND	12/23/99	CJW	0.003		
4-Chlorotoluene	mg/kg	ND	12/23/99	CJW	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/23/99	CJW	0.008		
1,2-Dibromoethane	mg/kg	ND	12/23/99	CJW	0.004		
Dibromomethane	mg/kg	ND	12/23/99	CJW	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/23/99	CJW	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/23/99	CJW	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/23/99	CJW	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/23/99	CJW	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/23/99	CJW	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/23/99	CJW	0.005		

MDL = Method Detection Limit  
 ND = Not Detected  
 BDL = Below Detection Limit  
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
2-4'  
GP-1

	Units	99829081	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/23/99	CJW	0.004		
1,2-Dichloroethane	mg/kg	ND	12/23/99	CJW	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/23/99	CJW	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/23/99	CJW	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/23/99	CJW	0.004		
1,2-Dichloropropane	mg/kg	ND	12/23/99	CJW	0.003		
1,3-Dichloropropane	mg/kg	ND	12/23/99	CJW	0.002		
2,2-Dichloropropane	mg/kg	ND	12/23/99	CJW	0.004		
1,1-Dichloropropene	mg/kg	ND	12/23/99	CJW	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/23/99	CJW	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/23/99	CJW	0.002		
Ethyl Benzene	mg/kg	ND	12/23/99	CJW	0.003		
Ethyl Methacrylate	mg/kg	ND	12/23/99	CJW	0.004		
Hexachlorobutadiene	mg/kg	ND	12/23/99	CJW	0.006		
2-Hexanone	mg/kg	ND	12/23/99	CJW	0.048		
Iodomethane	mg/kg	ND	12/23/99	CJW	0.004		
Isopropylbenzene	mg/kg	ND	12/23/99	CJW	0.003		
p-Isopropyltoluene	mg/kg	ND	12/23/99	CJW	0.004		
MTBE	mg/kg	ND	12/23/99	CJW	0.004		
Methylene Chloride	mg/kg	ND	12/23/99	CJW	0.075		
MIBK	mg/kg	ND	12/23/99	CJW	0.044		
Naphthalene	mg/kg	ND	12/23/99	CJW	0.005		
n-Propylbenzene	mg/kg	ND	12/23/99	CJW	0.004		
Styrene	mg/kg	ND	12/23/99	CJW	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/23/99	CJW	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/23/99	CJW	0.007		
Tetrachloroethylene	mg/kg	ND	12/23/99	CJW	0.002		
Toluene	mg/kg	ND	12/23/99	CJW	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/23/99	CJW	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/23/99	CJW	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/23/99	CJW	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/23/99	CJW	0.004		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
2-4'  
GP-1

	Units	99B29081	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/23/99	CJW	0.005		
Trichlorofluoromethane	mg/kg	ND	12/23/99	CJW	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/23/99	CJW	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/23/99	CJW	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/23/99	CJW	0.005		
Vinyl Acetate	mg/kg	ND	12/23/99	CJW	0.082		
Vinyl Chloride	mg/kg	ND	12/23/99	CJW	0.002		
m-Xylene	mg/kg	ND	12/23/99	CJW	0.006		
o + p Xylene	mg/kg	ND	12/23/99	CJW	0.002		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
0-2'  
GP-10

	Units	99829090	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/22/99	CJW	0.250		
Acrolein	mg/kg	ND	12/22/99	CJW	0.100		
Acrylonitrile	mg/kg	ND	12/22/99	CJW	0.038		
Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Bromobenzene	mg/kg	ND	12/22/99	CJW	0.002		
Bromochloromethane	mg/kg	ND	12/22/99	CJW	0.004		
Bromodichloromethane	mg/kg	ND	12/22/99	CJW	0.002		
Bromomethane	mg/kg	ND	12/22/99	CJW	0.006		
Bromoform	mg/kg	ND	12/22/99	CJW	0.006		
2-Butanone (MEK)	mg/kg	ND	12/22/99	CJW	0.060		
n-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
sec-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
tert-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Carbon Disulfide	mg/kg	ND	12/22/99	CJW	0.015		
Carbon Tetrachloride	mg/kg	ND	12/22/99	CJW	0.002		
Chlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
Chlorodibromomethane	mg/kg	ND	12/22/99	CJW	0.002		
Chloroethane	mg/kg	ND	12/22/99	CJW	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/22/99	CJW	0.048		
Chloroform	mg/kg	ND	12/22/99	CJW	0.004		
Chloromethane	mg/kg	ND	12/22/99	CJW	0.075		
2-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
4-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/22/99	CJW	0.008		
1,2-Dibromoethane	mg/kg	ND	12/22/99	CJW	0.004		
Dibromomethane	mg/kg	ND	12/22/99	CJW	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/22/99	CJW	0.005		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
0-2'  
GP-10

	Units	99B29090	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.003		
1,3-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.002		
2,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
Ethyl Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Ethyl Methacrylate	mg/kg	ND	12/22/99	CJW	0.004		
Hexachlorobutadiene	mg/kg	ND	12/22/99	CJW	0.006		
2-Hexanone	mg/kg	ND	12/22/99	CJW	0.043		
Iodomethane	mg/kg	ND	12/22/99	CJW	0.004		
Isopropylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
p-Isopropyltoluene	mg/kg	ND	12/22/99	CJW	0.004		
MTBE	mg/kg	ND	12/22/99	CJW	0.004		
Methylene Chloride	mg/kg	0.209	12/22/99	CJW	0.075		
MIBK	mg/kg	ND	12/22/99	CJW	0.044		
Naphthalene	mg/kg	ND	12/22/99	CJW	0.005		
n-Propylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Styrene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.007		
Tetrachloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
Toluene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
0-2'  
GP-10

	Units	99B29090	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Trichloroethylene	mg/kg	ND	12/22/99	CJW	0.005		
Trichlorofluoromethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/22/99	CJW	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.005		
Vinyl Acetate	mg/kg	ND	12/22/99	CJW	0.082		
Vinyl Chloride	mg/kg	ND	12/22/99	CJW	0.002		
m-Xylene	mg/kg	ND	12/22/99	CJW	0.006		
o + p Xylene	mg/kg	ND	12/22/99	CJW	0.002		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-11

	Units	99829091	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/22/99	CJW	0.250		
Acrolein	mg/kg	ND	12/22/99	CJW	0.100		
Acrylonitrile	mg/kg	ND	12/22/99	CJW	0.038		
Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Bromobenzene	mg/kg	ND	12/22/99	CJW	0.002		
Bromochloromethane	mg/kg	ND	12/22/99	CJW	0.004		
Bromodichloromethane	mg/kg	ND	12/22/99	CJW	0.002		
Bromomethane	mg/kg	ND	12/22/99	CJW	0.006		
Bromoform	mg/kg	ND	12/22/99	CJW	0.006		
2-Butanone (MEK)	mg/kg	ND	12/22/99	CJW	0.060		
n-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
sec-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
tert-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Carbon Disulfide	mg/kg	ND	12/22/99	CJW	0.015		
Carbon Tetrachloride	mg/kg	ND	12/22/99	CJW	0.002		
Chlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
Chlorodibromomethane	mg/kg	ND	12/22/99	CJW	0.002		
Chloroethane	mg/kg	ND	12/22/99	CJW	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/22/99	CJW	0.048		
Chloroform	mg/kg	ND	12/22/99	CJW	0.004		
Chloromethane	mg/kg	ND	12/22/99	CJW	0.075		
2-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
4-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/22/99	CJW	0.008		
1,2-Dibromoethane	mg/kg	ND	12/22/99	CJW	0.004		
Dibromomethane	mg/kg	ND	12/22/99	CJW	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/22/99	CJW	0.005		

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ND = Not Detected  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-11

	Units	99B29091	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.003		
1,3-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.002		
2,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
Ethyl Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Ethyl Methacrylate	mg/kg	ND	12/22/99	CJW	0.004		
Hexachlorobutadiene	mg/kg	ND	12/22/99	CJW	0.006		
2-Hexanone	mg/kg	ND	12/22/99	CJW	0.048		
Iodomethane	mg/kg	ND	12/22/99	CJW	0.004		
Isopropylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
p-Isopropyltoluene	mg/kg	ND	12/22/99	CJW	0.004		
MTBE	mg/kg	ND	12/22/99	CJW	0.004		
Methylene Chloride	mg/kg	0.168	12/22/99	CJW	0.075		
MIBK	mg/kg	ND	12/22/99	CJW	0.044		
Naphthalene	mg/kg	ND	12/22/99	CJW	0.005		
n-Propylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Styrene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.007		
Tetrachloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
Toluene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-11

	Units	99B29091	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/22/99	CJW	0.005		
Trichlorofluoromethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/22/99	CJW	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.005		
Vinyl Acetate	mg/kg	ND	12/22/99	CJW	0.082		
Vinyl Chloride	mg/kg	ND	12/22/99	CJW	0.002		
m-Xylene	mg/kg	ND	12/22/99	CJW	0.006		
o + p Xylene	mg/kg	ND	12/22/99	CJW	0.002		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-12

	Units	99829092	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/22/99	CJW	0.250		
Acrolein	mg/kg	ND	12/22/99	CJW	0.100		
Acrylonitrile	mg/kg	ND	12/22/99	CJW	0.038		
Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Bromobenzene	mg/kg	ND	12/22/99	CJW	0.002		
Bromochloromethane	mg/kg	ND	12/22/99	CJW	0.004		
Bromodichloromethane	mg/kg	ND	12/22/99	CJW	0.002		
Bromomethane	mg/kg	ND	12/22/99	CJW	0.006		
Bromoform	mg/kg	ND	12/22/99	CJW	0.006		
2-Butanone (MEK)	mg/kg	ND	12/22/99	CJW	0.060		
n-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
sec-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
tert-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Carbon Disulfide	mg/kg	ND	12/22/99	CJW	0.015		
Carbon Tetrachloride	mg/kg	ND	12/22/99	CJW	0.002		
Chlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
Chlorodibromomethane	mg/kg	ND	12/22/99	CJW	0.002		
Chloroethane	mg/kg	ND	12/22/99	CJW	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/22/99	CJW	0.048		
Chloroform	mg/kg	ND	12/22/99	CJW	0.004		
Chloromethane	mg/kg	ND	12/22/99	CJW	0.075		
2-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
4-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/22/99	CJW	0.008		
1,2-Dibromoethane	mg/kg	ND	12/22/99	CJW	0.004		
Dibromomethane	mg/kg	ND	12/22/99	CJW	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/22/99	CJW	0.005		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-12

	Units	99B29092	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.003		
1,3-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.002		
2,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
Ethyl Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Ethyl Methacrylate	mg/kg	ND	12/22/99	CJW	0.004		
Hexachlorobutadiene	mg/kg	ND	12/22/99	CJW	0.006		
2-Hexanone	mg/kg	ND	12/22/99	CJW	0.048		
Iodomethane	mg/kg	ND	12/22/99	CJW	0.004		
Isopropylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
p-isopropyltoluene	mg/kg	ND	12/22/99	CJW	0.004		
MTBE	mg/kg	ND	12/22/99	CJW	0.004		
Methylene Chloride	mg/kg	0.248	12/22/99	CJW	0.075		
MIBK	mg/kg	ND	12/22/99	CJW	0.044		
Naphthalene	mg/kg	ND	12/22/99	CJW	0.005		
n-Propylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Styrene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.007		
Tetrachloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
Toluene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		

MDL = Method Detection Limit  
ND = Not Detected  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-12

	Units	99B29092	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/22/99	CJW	0.005		
Trichlorofluoromethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/22/99	CJW	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.005		
Vinyl Acetate	mg/kg	ND	12/22/99	CJW	0.082		
Vinyl Chloride	mg/kg	ND	12/22/99	CJW	0.002		
m-Xylene	mg/kg	ND	12/22/99	CJW	0.006		
o + p Xylene	mg/kg	ND	12/22/99	CJW	0.002		

MDL = Method Detection Limit  
ND = Not Detected  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-13

	Units	99829093	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/22/99	CJW	0.250		
Acrolein	mg/kg	ND	12/22/99	CJW	0.100		
Acrylonitrile	mg/kg	ND	12/22/99	CJW	0.038		
Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Bromobenzene	mg/kg	ND	12/22/99	CJW	0.002		
Bromochloromethane	mg/kg	ND	12/22/99	CJW	0.004		
Bromodichloromethane	mg/kg	ND	12/22/99	CJW	0.002		
Bromomethane	mg/kg	ND	12/22/99	CJW	0.006		
Bromoform	mg/kg	ND	12/22/99	CJW	0.006		
2-Butanone (MEK)	mg/kg	ND	12/22/99	CJW	0.060		
n-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
sec-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
tert-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Carbon Disulfide	mg/kg	ND	12/22/99	CJW	0.015		
Carbon Tetrachloride	mg/kg	ND	12/22/99	CJW	0.002		
Chlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
Chlorodibromomethane	mg/kg	ND	12/22/99	CJW	0.002		
Chloroethane	mg/kg	ND	12/22/99	CJW	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/22/99	CJW	0.048		
Chloroform	mg/kg	ND	12/22/99	CJW	0.004		
Chloromethane	mg/kg	ND	12/22/99	CJW	0.075		
2-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
4-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/22/99	CJW	0.008		
1,2-Dibromoethane	mg/kg	ND	12/22/99	CJW	0.004		
Dibromomethane	mg/kg	ND	12/22/99	CJW	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/22/99	CJW	0.005		

MDL = Method Detection Limit  
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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-13

	Units	99B29093	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.003		
1,3-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.002		
2,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
Ethyl Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Ethyl Methacrylate	mg/kg	ND	12/22/99	CJW	0.004		
Hexachlorobutadiene	mg/kg	ND	12/22/99	CJW	0.006		
2-Hexanone	mg/kg	ND	12/22/99	CJW	0.048		
Iodomethane	mg/kg	ND	12/22/99	CJW	0.004		
Isopropylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
p-Isopropyltoluene	mg/kg	ND	12/22/99	CJW	0.004		
MTBE	mg/kg	ND	12/22/99	CJW	0.004		
Methylene Chloride	mg/kg	0.148	12/22/99	CJW	0.075		
MIBK	mg/kg	ND	12/22/99	CJW	0.044		
Naphthalene	mg/kg	ND	12/22/99	CJW	0.005		
n-Propylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Styrene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.007		
Tetrachloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
Toluene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-13

	Units	99829093	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/22/99	CJW	0.005		
Trichlorofluoromethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/22/99	CJW	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.005		
Vinyl Acetate	mg/kg	ND	12/22/99	CJW	0.082		
Vinyl Chloride	mg/kg	ND	12/22/99	CJW	0.002		
m-Xylene	mg/kg	ND	12/22/99	CJW	0.006		
o + p Xylene	mg/kg	ND	12/22/99	CJW	0.002		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
2-4'  
GP-14

	Units	99829094	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/22/99	CJW	0.250		
Acrolein	mg/kg	ND	12/22/99	CJW	0.100		
Acrylonitrile	mg/kg	ND	12/22/99	CJW	0.038		
Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Bromobenzene	mg/kg	ND	12/22/99	CJW	0.002		
Bromochloromethane	mg/kg	ND	12/22/99	CJW	0.004		
Bromodichloromethane	mg/kg	ND	12/22/99	CJW	0.002		
Bromomethane	mg/kg	ND	12/22/99	CJW	0.006		
Bromoform	mg/kg	ND	12/22/99	CJW	0.006		
2-Butanone (MEK)	mg/kg	ND	12/22/99	CJW	0.060		
n-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
sec-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
tert-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Carbon Disulfide	mg/kg	ND	12/22/99	CJW	0.015		
Carbon Tetrachloride	mg/kg	ND	12/22/99	CJW	0.002		
Chlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
Chlorodibromomethane	mg/kg	ND	12/22/99	CJW	0.002		
Chloroethane	mg/kg	ND	12/22/99	CJW	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/22/99	CJW	0.048		
Chloroform	mg/kg	ND	12/22/99	CJW	0.004		
Chloromethane	mg/kg	ND	12/22/99	CJW	0.075		
2-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
4-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/22/99	CJW	0.008		
1,2-Dibromoethane	mg/kg	ND	12/22/99	CJW	0.004		
Dibromomethane	mg/kg	ND	12/22/99	CJW	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/22/99	CJW	0.005		

MDL = Method Detection Limit  
ND = Not Detected  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
2-4'  
GP-14

	Units	99B29094	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.003		
1,3-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.002		
2,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
Ethyl Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Ethyl Methacrylate	mg/kg	ND	12/22/99	CJW	0.004		
Hexachlorobutadiene	mg/kg	ND	12/22/99	CJW	0.006		
2-Hexanone	mg/kg	ND	12/22/99	CJW	0.048		
Iodomethane	mg/kg	ND	12/22/99	CJW	0.004		
Isopropylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
p-Isopropyltoluene	mg/kg	ND	12/22/99	CJW	0.004		
MTBE	mg/kg	ND	12/22/99	CJW	0.004		
Methylene Chloride	mg/kg	0.174	12/22/99	CJW	0.075		
MIBK	mg/kg	ND	12/22/99	CJW	0.044		
Naphthalene	mg/kg	ND	12/22/99	CJW	0.005		
n-Propylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Styrene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.007		
Tetrachloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
Toluene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		

MDL = Method Detection Limit  
ND = Not Detected  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
2-4'  
GP-14

	Units	99829094	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/22/99	CJW	0.005		
Trichlorofluoromethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/22/99	CJW	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.005		
Vinyl Acetate	mg/kg	ND	12/22/99	CJW	0.082		
Vinyl Chloride	mg/kg	ND	12/22/99	CJW	0.002		
m-Xylene	mg/kg	ND	12/22/99	CJW	0.006		
o + p Xylene	mg/kg	ND	12/22/99	CJW	0.002		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
D-2'  
GP-15

	Units	99829095	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/22/99	CJW	0.250		
Acrolein	mg/kg	ND	12/22/99	CJW	0.100		
Acrylonitrile	mg/kg	ND	12/22/99	CJW	0.038		
Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Bromobenzene	mg/kg	ND	12/22/99	CJW	0.002		
Bromochloromethane	mg/kg	ND	12/22/99	CJW	0.004		
Bromodichloromethane	mg/kg	ND	12/22/99	CJW	0.002		
Bromomethane	mg/kg	ND	12/22/99	CJW	0.006		
Bromoform	mg/kg	ND	12/22/99	CJW	0.006		
2-Butanone (MEK)	mg/kg	ND	12/22/99	CJW	0.060		
n-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
sec-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
tert-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Carbon Disulfide	mg/kg	ND	12/22/99	CJW	0.015		
Carbon Tetrachloride	mg/kg	ND	12/22/99	CJW	0.002		
Chlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
Chlorodibromomethane	mg/kg	ND	12/22/99	CJW	0.002		
Chloroethane	mg/kg	ND	12/22/99	CJW	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/22/99	CJW	0.048		
Chloroform	mg/kg	ND	12/22/99	CJW	0.004		
Chloromethane	mg/kg	ND	12/22/99	CJW	0.075		
2-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
4-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/22/99	CJW	0.008		
1,2-Dibromoethane	mg/kg	ND	12/22/99	CJW	0.004		
Dibromomethane	mg/kg	ND	12/22/99	CJW	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/22/99	CJW	0.005		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
Q-2'  
GP-15

	Units	99B29095	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.003		
1,3-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.002		
2,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
Ethyl Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Ethyl Methacrylate	mg/kg	ND	12/22/99	CJW	0.004		
Hexachlorobutadiene	mg/kg	ND	12/22/99	CJW	0.006		
2-Hexanone	mg/kg	ND	12/22/99	CJW	0.048		
Iodomethane	mg/kg	ND	12/22/99	CJW	0.004		
Isopropylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
p-Isopropyltoluene	mg/kg	ND	12/22/99	CJW	0.004		
MTBE	mg/kg	ND	12/22/99	CJW	0.004		
Methylene Chloride	mg/kg	0.208	12/22/99	CJW	0.075		
MIBK	mg/kg	ND	12/22/99	CJW	0.044		
Naphthalene	mg/kg	ND	12/22/99	CJW	0.005		
n-Propylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Styrene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.007		
Tetrachloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
Toluene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-15

	Units	99B29095	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/22/99	CJW	0.005		
Trichlorofluoromethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/22/99	CJW	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.005		
Vinyl Acetate	mg/kg	ND	12/22/99	CJW	0.082		
Vinyl Chloride	mg/kg	ND	12/22/99	CJW	0.002		
m-Xylene	mg/kg	ND	12/22/99	CJW	0.006		
o + p Xylene	mg/kg	ND	12/22/99	CJW	0.002		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-16

	Units	99B29096	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/22/99	WSD	0.250		
Acrolein	mg/kg	ND	12/22/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/22/99	WSD	0.038		
Benzene	mg/kg	ND	12/22/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/22/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/22/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/22/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/22/99	WSD	0.006		
Bromoform	mg/kg	ND	12/22/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/22/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/22/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/22/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/22/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/22/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/22/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/22/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/22/99	WSD	0.048		
Chloroform	mg/kg	ND	12/22/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/22/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/22/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/22/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/22/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/22/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/22/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/22/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/22/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-16

	Units	99829096	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/22/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/22/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/22/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/22/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/22/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/22/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/22/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/22/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/22/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/22/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/22/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/22/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/22/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/22/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/22/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/22/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/22/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/22/99	WSD	0.004		
MTBE	mg/kg	ND	12/22/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/22/99	WSD	0.075		
MIBK	mg/kg	ND	12/22/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/22/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
Styrene	mg/kg	ND	12/22/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/22/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/22/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/22/99	WSD	0.002		
Toluene	mg/kg	ND	12/22/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/22/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/22/99	WSD	0.004		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-16

	Units	99B29096	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Trichloroethylene	mg/kg	ND	12/22/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/22/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/22/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/22/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/22/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/22/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/22/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/22/99	WSD	0.002		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-17

	Units	99829097	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/22/99	WSD	0.250		
Acrolein	mg/kg	ND	12/22/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/22/99	WSD	0.038		
Benzene	mg/kg	ND	12/22/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/22/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/22/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/22/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/22/99	WSD	0.006		
Bromoform	mg/kg	ND	12/22/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/22/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/22/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/22/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/22/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/22/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/22/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/22/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/22/99	WSD	0.048		
Chloroform	mg/kg	ND	12/22/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/22/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/22/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/22/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/22/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/22/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/22/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/22/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/22/99	WSD	0.005		

MDL = Method Detection Limit  
ND = Not Detected  
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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-17

	Units	99B29097	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/22/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/22/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/22/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/22/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/22/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/22/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/22/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/22/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/22/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/22/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/22/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/22/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/22/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/22/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/22/99	WSD	0.002		
Iodomethane	mg/kg	ND	12/22/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/22/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/22/99	WSD	0.004		
MTBE	mg/kg	ND	12/22/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/22/99	WSD	0.075		
MIBK	mg/kg	ND	12/22/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/22/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
Styrene	mg/kg	ND	12/22/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/22/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/22/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/22/99	WSD	0.002		
Toluene	mg/kg	ND	12/22/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/22/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/22/99	WSD	0.004		

MDL = Method Detection Limit  
ND = Not Detected  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-17

	Units	99B29097	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/22/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/22/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/22/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/22/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/22/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/22/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/22/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/22/99	WSD	0.002		

MDL = Method Detection Limit  
ND = Not Detected  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
2-4'  
GP-18

	Units	99829098	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/22/99	WSD	0.250		
Acrolein	mg/kg	ND	12/22/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/22/99	WSD	0.038		
Benzene	mg/kg	ND	12/22/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/22/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/22/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/22/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/22/99	WSD	0.006		
Bromoform	mg/kg	ND	12/22/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/22/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/22/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/22/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/22/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/22/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/22/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/22/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/22/99	WSD	0.048		
Chloroform	mg/kg	ND	12/22/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/22/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/22/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/22/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/22/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/22/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/22/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/22/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/22/99	WSD	0.005		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
2-4'  
GP-15

	Units	99B29098	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/22/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/22/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/22/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/22/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/22/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/22/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/22/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/22/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/22/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/22/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/22/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/22/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/22/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/22/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/22/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/22/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/22/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/22/99	WSD	0.004		
MTBE	mg/kg	ND	12/22/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/22/99	WSD	0.075		
MIBK	mg/kg	ND	12/22/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/22/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
Styrene	mg/kg	ND	12/22/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/22/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/22/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/22/99	WSD	0.002		
Toluene	mg/kg	ND	12/22/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/22/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/22/99	WSD	0.004		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
2-4'  
GP-18

	Units	99B29098	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/22/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/22/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/22/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/22/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/22/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/22/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/22/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/22/99	WSD	0.002		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-19

	Units	99B29099	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/22/99	WSD	0.250		
Acrolein	mg/kg	ND	12/22/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/22/99	WSD	0.038		
Benzene	mg/kg	ND	12/22/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/22/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/22/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/22/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/22/99	WSD	0.006		
Bromoform	mg/kg	ND	12/22/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/22/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/22/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/22/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/22/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/22/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/22/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/22/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/22/99	WSD	0.048		
Chloroform	mg/kg	ND	12/22/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/22/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/22/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/22/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/22/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/22/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/22/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/22/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/22/99	WSD	0.005		

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12/30/99

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/14/99

0-2'

GP-19

	Units	99829099	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/22/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/22/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/22/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/22/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/22/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/22/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/22/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/22/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/22/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/22/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/22/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/22/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/22/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/22/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/22/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/22/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/22/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/22/99	WSD	0.004		
MTBE	mg/kg	ND	12/22/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/22/99	WSD	0.075		
MIBK	mg/kg	ND	12/22/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/22/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
Styrene	mg/kg	ND	12/22/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/22/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/22/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/22/99	WSD	0.002		
Toluene	mg/kg	ND	12/22/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/22/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/22/99	WSD	0.004		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-19

	Units	99829099	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Trichloroethylene	mg/kg	ND	12/22/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/22/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/22/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/22/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/22/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/22/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/22/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/22/99	WSD	0.002		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
4-8'  
GP-2

	Units	99829082	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/23/99	CJW	0.250		
Acrolein	mg/kg	ND	12/23/99	CJW	0.100		
Acrylonitrile	mg/kg	ND	12/23/99	CJW	0.038		
Benzene	mg/kg	ND	12/23/99	CJW	0.003		
Bromobenzene	mg/kg	ND	12/23/99	CJW	0.002		
Bromochloromethane	mg/kg	ND	12/23/99	CJW	0.004		
Bromodichloromethane	mg/kg	ND	12/23/99	CJW	0.002		
Bromomethane	mg/kg	ND	12/23/99	CJW	0.006		
Bromoform	mg/kg	ND	12/23/99	CJW	0.006		
2-Butanone (MEK)	mg/kg	ND	12/23/99	CJW	0.060		
n-Butylbenzene	mg/kg	ND	12/23/99	CJW	0.004		
sec-Butylbenzene	mg/kg	ND	12/23/99	CJW	0.003		
tert-Butylbenzene	mg/kg	ND	12/23/99	CJW	0.004		
Carbon Disulfide	mg/kg	ND	12/23/99	CJW	0.015		
Carbon Tetrachloride	mg/kg	ND	12/23/99	CJW	0.002		
Chlorobenzene	mg/kg	ND	12/23/99	CJW	0.003		
Chlorodibromomethane	mg/kg	ND	12/23/99	CJW	0.002		
Chloroethane	mg/kg	ND	12/23/99	CJW	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/23/99	CJW	0.048		
Chloroform	mg/kg	ND	12/23/99	CJW	0.004		
Chloromethane	mg/kg	ND	12/23/99	CJW	0.075		
2-Chlorotoluene	mg/kg	ND	12/23/99	CJW	0.003		
4-Chlorotoluene	mg/kg	ND	12/23/99	CJW	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/23/99	CJW	0.008		
1,2-Dibromoethane	mg/kg	ND	12/23/99	CJW	0.004		
Dibromomethane	mg/kg	ND	12/23/99	CJW	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/23/99	CJW	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/23/99	CJW	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/23/99	CJW	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/23/99	CJW	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/23/99	CJW	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/23/99	CJW	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
4-8'  
GP-2

	Units	99829082	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/23/99	CJW	0.004		
1,2-Dichloroethane	mg/kg	ND	12/23/99	CJW	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/23/99	CJW	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/23/99	CJW	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/23/99	CJW	0.004		
1,2-Dichloropropane	mg/kg	ND	12/23/99	CJW	0.003		
1,3-Dichloropropane	mg/kg	ND	12/23/99	CJW	0.002		
2,2-Dichloropropane	mg/kg	ND	12/23/99	CJW	0.004		
1,1-Dichloropropene	mg/kg	ND	12/23/99	CJW	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/23/99	CJW	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/23/99	CJW	0.002		
Ethyl Benzene	mg/kg	ND	12/23/99	CJW	0.003		
Ethyl Methacrylate	mg/kg	ND	12/23/99	CJW	0.004		
Hexachlorobutadiene	mg/kg	ND	12/23/99	CJW	0.006		
2-Hexanone	mg/kg	ND	12/23/99	CJW	0.048		
Iodomethane	mg/kg	ND	12/23/99	CJW	0.004		
Isopropylbenzene	mg/kg	ND	12/23/99	CJW	0.003		
p-Isopropyltoluene	mg/kg	ND	12/23/99	CJW	0.004		
MTBE	mg/kg	ND	12/23/99	CJW	0.004		
Methylene Chloride	mg/kg	ND	12/23/99	CJW	0.075		
MIBK	mg/kg	ND	12/23/99	CJW	0.044		
Naphthalene	mg/kg	ND	12/23/99	CJW	0.005		
n-Propylbenzene	mg/kg	ND	12/23/99	CJW	0.004		
Styrene	mg/kg	ND	12/23/99	CJW	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/23/99	CJW	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/23/99	CJW	0.007		
Tetrachloroethylene	mg/kg	ND	12/23/99	CJW	0.002		
Toluene	mg/kg	ND	12/23/99	CJW	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/23/99	CJW	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/23/99	CJW	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/23/99	CJW	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/23/99	CJW	0.004		

MDL = Method Detection Limit  
ND = Not Detected  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
4-8'  
GP-2

	Units	99829082	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Trichloroethylene	mg/kg	ND	12/23/99	CJW	0.005		
Trichlorofluoromethane	mg/kg	ND	12/23/99	CJW	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/23/99	CJW	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/23/99	CJW	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/23/99	CJW	0.005		
Vinyl Acetate	mg/kg	ND	12/23/99	CJW	0.082		
Vinyl Chloride	mg/kg	ND	12/23/99	CJW	0.002		
m-Xylene	mg/kg	ND	12/23/99	CJW	0.006		
o + p Xylene	mg/kg	ND	12/23/99	CJW	0.002		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-20

	Units	99829100	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/22/99	WSD	0.250		
Acrolein	mg/kg	ND	12/22/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/22/99	WSD	0.038		
Benzene	mg/kg	ND	12/22/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/22/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/22/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/22/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/22/99	WSD	0.006		
Bromoform	mg/kg	ND	12/22/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/22/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/22/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/22/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/22/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/22/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/22/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/22/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/22/99	WSD	0.048		
Chloroform	mg/kg	ND	12/22/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/22/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/22/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/22/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/22/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/22/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/22/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/22/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/22/99	WSD	0.005		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-20

	Units	99B29100	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/22/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/22/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/22/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/22/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/22/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/22/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/22/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/22/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/22/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/22/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/22/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/22/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/22/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/22/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/22/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/22/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/22/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/22/99	WSD	0.004		
MTBE	mg/kg	ND	12/22/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/22/99	WSD	0.075		
MIBK	mg/kg	ND	12/22/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/22/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
Styrene	mg/kg	ND	12/22/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/22/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/22/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/22/99	WSD	0.002		
Toluene	mg/kg	ND	12/22/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/22/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/22/99	WSD	0.004		

MDL = Method Detection Limit  
ND = Not Detected  
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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-20

	Units	99829100	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Trichloroethylene	mg/kg	ND	12/22/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/22/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/22/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/22/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/22/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/22/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/22/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/22/99	WSD	0.002		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
4-7'  
GP-21

	Units	99829101	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/22/99	WSD	0.250		
Acrolein	mg/kg	ND	12/22/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/22/99	WSD	0.038		
Benzene	mg/kg	ND	12/22/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/22/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/22/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/22/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/22/99	WSD	0.006		
Bromoform	mg/kg	ND	12/22/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/22/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/22/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/22/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/22/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/22/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/22/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/22/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/22/99	WSD	0.048		
Chloroform	mg/kg	ND	12/22/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/22/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/22/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/22/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/22/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/22/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/22/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/22/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/22/99	WSD	0.005		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
4-7'  
GP-21

	Units	99829101	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/22/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/22/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/22/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/22/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/22/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/22/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/22/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/22/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/22/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/22/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/22/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/22/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/22/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/22/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/22/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/22/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/22/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/22/99	WSD	0.004		
MTBE	mg/kg	ND	12/22/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/22/99	WSD	0.075		
MIBK	mg/kg	ND	12/22/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/22/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
Styrene	mg/kg	ND	12/22/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/22/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/22/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/22/99	WSD	0.002		
Toluene	mg/kg	ND	12/22/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/22/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/22/99	WSD	0.004		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
4-7'  
GP-21

	Units	99829101	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/22/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/22/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/22/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/22/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/22/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/22/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/22/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/22/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/22/99	WSD	0.002		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
0-2'  
GP-3

	Units	99829083	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/22/99	CJW	0.250		
Acrolein	mg/kg	ND	12/22/99	CJW	0.100		
Acrylonitrile	mg/kg	ND	12/22/99	CJW	0.038		
Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Bromobenzene	mg/kg	ND	12/22/99	CJW	0.002		
Bromochloromethane	mg/kg	ND	12/22/99	CJW	0.004		
Bromodichloromethane	mg/kg	ND	12/22/99	CJW	0.002		
Bromomethane	mg/kg	ND	12/22/99	CJW	0.006		
Bromoform	mg/kg	ND	12/22/99	CJW	0.006		
2-Butanone (MEK)	mg/kg	ND	12/22/99	CJW	0.060		
n-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
sec-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
tert-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Carbon Disulfide	mg/kg	ND	12/22/99	CJW	0.015		
Carbon Tetrachloride	mg/kg	ND	12/22/99	CJW	0.002		
Chlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
Chlorodibromomethane	mg/kg	ND	12/22/99	CJW	0.002		
Chloroethane	mg/kg	ND	12/22/99	CJW	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/22/99	CJW	0.048		
Chloroform	mg/kg	ND	12/22/99	CJW	0.004		
Chloromethane	mg/kg	ND	12/22/99	CJW	0.075		
2-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
4-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/22/99	CJW	0.008		
1,2-Dibromoethane	mg/kg	ND	12/22/99	CJW	0.004		
Dibromomethane	mg/kg	ND	12/22/99	CJW	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/22/99	CJW	0.005		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

12/30/99  
page 44 of 127

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
0-2'  
GP-3

	Units	99B29083	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.003		
1,3-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.002		
2,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
Ethyl Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Ethyl Methacrylate	mg/kg	ND	12/22/99	CJW	0.004		
Hexachlorobutadiene	mg/kg	ND	12/22/99	CJW	0.006		
2-Hexanone	mg/kg	ND	12/22/99	CJW	0.048		
Iodomethane	mg/kg	ND	12/22/99	CJW	0.004		
Isopropylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
p-Isopropyltoluene	mg/kg	ND	12/22/99	CJW	0.004		
MTBE	mg/kg	ND	12/22/99	CJW	0.004		
Methylene Chloride	mg/kg	0.165	12/22/99	CJW	0.075		
MIBK	mg/kg	ND	12/22/99	CJW	0.044		
Naphthalene	mg/kg	ND	12/22/99	CJW	0.005		
n-Propylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Styrene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.007		
Tetrachloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
Toluene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
0-2'  
GP-3

	Units	99829083	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/22/99	CJW	0.005		
Trichlorofluoromethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/22/99	CJW	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.005		
Vinyl Acetate	mg/kg	ND	12/22/99	CJW	0.082		
Vinyl Chloride	mg/kg	ND	12/22/99	CJW	0.002		
m-Xylene	mg/kg	ND	12/22/99	CJW	0.006		
o + p Xylene	mg/kg	ND	12/22/99	CJW	0.002		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
2-4'  
GP-4

	Units	99B29084	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/22/99	CJW	0.250		
Acrolein	mg/kg	ND	12/22/99	CJW	0.100		
Acrylonitrile	mg/kg	ND	12/22/99	CJW	0.038		
Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Bromobenzene	mg/kg	ND	12/22/99	CJW	0.002		
Bromochloromethane	mg/kg	ND	12/22/99	CJW	0.004		
Bromodichloromethane	mg/kg	ND	12/22/99	CJW	0.002		
Bromomethane	mg/kg	ND	12/22/99	CJW	0.006		
Bromoform	mg/kg	ND	12/22/99	CJW	0.006		
2-Butanone (MEK)	mg/kg	ND	12/22/99	CJW	0.060		
n-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
sec-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
tert-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Carbon Disulfide	mg/kg	ND	12/22/99	CJW	0.015		
Carbon Tetrachloride	mg/kg	ND	12/22/99	CJW	0.002		
Chlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
Chlorodibromomethane	mg/kg	ND	12/22/99	CJW	0.002		
Chloroethane	mg/kg	ND	12/22/99	CJW	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/22/99	CJW	0.048		
Chloroform	mg/kg	ND	12/22/99	CJW	0.004		
Chloromethane	mg/kg	ND	12/22/99	CJW	0.075		
2-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
4-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/22/99	CJW	0.008		
1,2-Dibromoethane	mg/kg	ND	12/22/99	CJW	0.004		
Dibromomethane	mg/kg	ND	12/22/99	CJW	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/22/99	CJW	0.005		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

 LIMS-BAT #: LIMS-45847  
 Job Number: 83-230  
 Sample Matrix: SOIL

 Sampled: 12/13/99  
 2-4'  
 GP-4

	Units	99B29084	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.003		
1,3-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.002		
2,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
Ethyl Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Ethyl Methacrylate	mg/kg	ND	12/22/99	CJW	0.004		
Hexachlorobutadiene	mg/kg	ND	12/22/99	CJW	0.006		
2-Hexanone	mg/kg	ND	12/22/99	CJW	0.048		
Iodomethane	mg/kg	ND	12/22/99	CJW	0.004		
Isopropylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
p-Isopropyltoluene	mg/kg	ND	12/22/99	CJW	0.004		
MTBE	mg/kg	ND	12/22/99	CJW	0.004		
Methylene Chloride	mg/kg	0.121	12/22/99	CJW	0.075		
MIBK	mg/kg	ND	12/22/99	CJW	0.044		
Naphthalene	mg/kg	ND	12/22/99	CJW	0.005		
n-Propylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Styrene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.002		
1,1,1,2,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.007		
Tetrachloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
Toluene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		

 MDL = Method Detection Limit  
 ND = Not Detected  
 BDL = Below Detection Limit  
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
2-4'  
GP-4

	Units	99829084	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/22/99	CJW	0.005		
Trichlorofluoromethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/22/99	CJW	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.005		
Vinyl Acetate	mg/kg	ND	12/22/99	CJW	0.082		
Vinyl Chloride	mg/kg	ND	12/22/99	CJW	0.002		
m-Xylene	mg/kg	ND	12/22/99	CJW	0.006		
o + p Xylene	mg/kg	ND	12/22/99	CJW	0.002		

MDL = Method Detection Limit  
ND = Not Detected  
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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
0-2'  
GP-5

	Units	99829085	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/22/99	CJW	0.250		
Acrolein	mg/kg	ND	12/22/99	CJW	0.100		
Acrylonitrile	mg/kg	ND	12/22/99	CJW	0.038		
Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Bromobenzene	mg/kg	ND	12/22/99	CJW	0.002		
Bromochloromethane	mg/kg	ND	12/22/99	CJW	0.004		
Bromodichloromethane	mg/kg	ND	12/22/99	CJW	0.002		
Bromomethane	mg/kg	ND	12/22/99	CJW	0.006		
Bromoform	mg/kg	ND	12/22/99	CJW	0.006		
2-Butanone (MEK)	mg/kg	ND	12/22/99	CJW	0.060		
n-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
sec-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
tert-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Carbon Disulfide	mg/kg	ND	12/22/99	CJW	0.015		
Carbon Tetrachloride	mg/kg	ND	12/22/99	CJW	0.002		
Chlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
Chlorodibromomethane	mg/kg	ND	12/22/99	CJW	0.002		
Chloroethane	mg/kg	ND	12/22/99	CJW	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/22/99	CJW	0.043		
Chloroform	mg/kg	ND	12/22/99	CJW	0.004		
Chloromethane	mg/kg	ND	12/22/99	CJW	0.075		
2-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
4-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/22/99	CJW	0.008		
1,2-Dibromoethane	mg/kg	ND	12/22/99	CJW	0.004		
Dibromomethane	mg/kg	ND	12/22/99	CJW	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/22/99	CJW	0.005		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
0-2'  
GP-5

	Units	99B29085	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.003		
1,3-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.002		
2,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
Ethyl Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Ethyl Methacrylate	mg/kg	ND	12/22/99	CJW	0.004		
Hexachlorobutadiene	mg/kg	ND	12/22/99	CJW	0.006		
2-Hexanone	mg/kg	ND	12/22/99	CJW	0.048		
Iodomethane	mg/kg	ND	12/22/99	CJW	0.004		
Isopropylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
p-Isopropyltoluene	mg/kg	ND	12/22/99	CJW	0.004		
MTBE	mg/kg	ND	12/22/99	CJW	0.004		
Methylene Chloride	mg/kg	0.182	12/22/99	CJW	0.075		
MIBK	mg/kg	ND	12/22/99	CJW	0.044		
Naphthalene	mg/kg	ND	12/22/99	CJW	0.005		
n-Propylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Styrene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.007		
Tetrachloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
Toluene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
0-2'  
GP-5

	Units	99B29085	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/22/99	CJW	0.005		
Trichlorofluoromethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/22/99	CJW	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.005		
Vinyl Acetate	mg/kg	ND	12/22/99	CJW	0.082		
Vinyl Chloride	mg/kg	ND	12/22/99	CJW	0.002		
m-Xylene	mg/kg	ND	12/22/99	CJW	0.006		
o + p Xylene	mg/kg	ND	12/22/99	CJW	0.002		

MDL = Method Detection Limit  
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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
2-4'  
GP-6

	Units	99B29086	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/22/99	CJW	0.250		
Acrolein	mg/kg	ND	12/22/99	CJW	0.100		
Acrylonitrile	mg/kg	ND	12/22/99	CJW	0.038		
Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Bromobenzene	mg/kg	ND	12/22/99	CJW	0.002		
Bromochloromethane	mg/kg	ND	12/22/99	CJW	0.004		
Bromodichloromethane	mg/kg	ND	12/22/99	CJW	0.002		
Bromomethane	mg/kg	ND	12/22/99	CJW	0.006		
Bromoform	mg/kg	ND	12/22/99	CJW	0.006		
2-Butanone (MEK)	mg/kg	ND	12/22/99	CJW	0.060		
n-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
sec-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
tert-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Carbon Disulfide	mg/kg	ND	12/22/99	CJW	0.015		
Carbon Tetrachloride	mg/kg	ND	12/22/99	CJW	0.002		
Chlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
Chlorodibromomethane	mg/kg	ND	12/22/99	CJW	0.002		
Chloroethane	mg/kg	ND	12/22/99	CJW	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/22/99	CJW	0.048		
Chloroform	mg/kg	ND	12/22/99	CJW	0.004		
Chloromethane	mg/kg	ND	12/22/99	CJW	0.075		
2-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
4-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/22/99	CJW	0.008		
1,2-Dibromoethane	mg/kg	ND	12/22/99	CJW	0.004		
Dibromomethane	mg/kg	ND	12/22/99	CJW	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/22/99	CJW	0.005		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
2-4'  
GP-6

	Units	99B29086	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.003		
1,3-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.002		
2,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
Ethyl Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Ethyl Methacrylate	mg/kg	ND	12/22/99	CJW	0.004		
Hexachlorobutadiene	mg/kg	ND	12/22/99	CJW	0.006		
2-Hexanone	mg/kg	ND	12/22/99	CJW	0.048		
Iodomethane	mg/kg	ND	12/22/99	CJW	0.004		
Isopropylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
p-Isopropyltoluene	mg/kg	ND	12/22/99	CJW	0.004		
MTBE	mg/kg	ND	12/22/99	CJW	0.004		
Methylene Chloride	mg/kg	0.106	12/22/99	CJW	0.075		
MIBK	mg/kg	ND	12/22/99	CJW	0.044		
Naphthalene	mg/kg	ND	12/22/99	CJW	0.005		
n-Propylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Styrene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.007		
Tetrachloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
Toluene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		

MDL = Method Detection Limit  
ND = Not Detected  
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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
2-4'  
GP-6

	Units	99829086	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Trichloroethylene	mg/kg	ND	12/22/99	CJW	0.005		
Trichlorofluoromethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/22/99	CJW	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.005		
Vinyl Acetate	mg/kg	ND	12/22/99	CJW	0.082		
Vinyl Chloride	mg/kg	ND	12/22/99	CJW	0.002		
m-Xylene	mg/kg	ND	12/22/99	CJW	0.006		
o + p Xylene	mg/kg	ND	12/22/99	CJW	0.002		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
4-6.5'  
GP-7

	Units	99829087	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/23/99	CJW	0.250		
Acrolein	mg/kg	ND	12/23/99	CJW	0.100		
Acrylonitrile	mg/kg	ND	12/23/99	CJW	0.038		
Benzene	mg/kg	ND	12/23/99	CJW	0.003		
Bromobenzene	mg/kg	ND	12/23/99	CJW	0.002		
Bromochloromethane	mg/kg	ND	12/23/99	CJW	0.004		
Bromodichloromethane	mg/kg	ND	12/23/99	CJW	0.002		
Bromomethane	mg/kg	ND	12/23/99	CJW	0.006		
Bromoform	mg/kg	ND	12/23/99	CJW	0.006		
2-Butanone (MEK)	mg/kg	ND	12/23/99	CJW	0.060		
n-Butylbenzene	mg/kg	ND	12/23/99	CJW	0.004		
sec-Butylbenzene	mg/kg	ND	12/23/99	CJW	0.003		
tert-Butylbenzene	mg/kg	ND	12/23/99	CJW	0.004		
Carbon Disulfide	mg/kg	ND	12/23/99	CJW	0.015		
Carbon Tetrachloride	mg/kg	ND	12/23/99	CJW	0.002		
Chlorobenzene	mg/kg	ND	12/23/99	CJW	0.003		
Chlorodibromomethane	mg/kg	ND	12/23/99	CJW	0.002		
Chloroethane	mg/kg	ND	12/23/99	CJW	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/23/99	CJW	0.048		
Chloroform	mg/kg	ND	12/23/99	CJW	0.004		
Chloromethane	mg/kg	ND	12/23/99	CJW	0.075		
2-Chlorotoluene	mg/kg	ND	12/23/99	CJW	0.003		
4-Chlorotoluene	mg/kg	ND	12/23/99	CJW	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/23/99	CJW	0.008		
1,2-Dibromoethane	mg/kg	ND	12/23/99	CJW	0.004		
Dibromomethane	mg/kg	ND	12/23/99	CJW	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/23/99	CJW	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/23/99	CJW	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/23/99	CJW	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/23/99	CJW	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/23/99	CJW	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/23/99	CJW	0.005		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
4-6.5'  
GP-7

	Units	99B29087	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/23/99	CJW	0.004		
1,2-Dichloroethane	mg/kg	ND	12/23/99	CJW	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/23/99	CJW	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/23/99	CJW	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/23/99	CJW	0.004		
1,2-Dichloropropane	mg/kg	ND	12/23/99	CJW	0.003		
1,3-Dichloropropane	mg/kg	ND	12/23/99	CJW	0.002		
2,2-Dichloropropane	mg/kg	ND	12/23/99	CJW	0.004		
1,1-Dichloropropene	mg/kg	ND	12/23/99	CJW	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/23/99	CJW	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/23/99	CJW	0.002		
Ethyl Benzene	mg/kg	ND	12/23/99	CJW	0.003		
Ethyl Methacrylate	mg/kg	ND	12/23/99	CJW	0.004		
Hexachlorobutadiene	mg/kg	ND	12/23/99	CJW	0.006		
2-Hexanone	mg/kg	ND	12/23/99	CJW	0.048		
Iodomethane	mg/kg	ND	12/23/99	CJW	0.004		
Isopropylbenzene	mg/kg	ND	12/23/99	CJW	0.003		
p-Isopropyltoluene	mg/kg	ND	12/23/99	CJW	0.004		
MTBE	mg/kg	ND	12/23/99	CJW	0.004		
Methylene Chloride	mg/kg	ND	12/23/99	CJW	0.075		
MIBK	mg/kg	ND	12/23/99	CJW	0.044		
Naphthalene	mg/kg	ND	12/23/99	CJW	0.005		
n-Propylbenzene	mg/kg	ND	12/23/99	CJW	0.004		
Styrene	mg/kg	ND	12/23/99	CJW	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/23/99	CJW	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/23/99	CJW	0.007		
Tetrachloroethylene	mg/kg	ND	12/23/99	CJW	0.002		
Toluene	mg/kg	ND	12/23/99	CJW	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/23/99	CJW	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/23/99	CJW	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/23/99	CJW	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/23/99	CJW	0.004		

MDL = Method Detection Limit  
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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
4-6.5'  
GP-7

	Units	99B29087	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/23/99	CJW	0.005		
Trichlorofluoromethane	mg/kg	ND	12/23/99	CJW	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/23/99	CJW	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/23/99	CJW	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/23/99	CJW	0.005		
Vinyl Acetate	mg/kg	ND	12/23/99	CJW	0.082		
Vinyl Chloride	mg/kg	ND	12/23/99	CJW	0.002		
m-Xylene	mg/kg	ND	12/23/99	CJW	0.006		
o + p Xylene	mg/kg	ND	12/23/99	CJW	0.002		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
0-2'  
GP-8

	Units	99829088	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/22/99	CJW	0.250		
Acrolein	mg/kg	ND	12/22/99	CJW	0.100		
Acrylonitrile	mg/kg	ND	12/22/99	CJW	0.038		
Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Bromobenzene	mg/kg	ND	12/22/99	CJW	0.002		
Bromochloromethane	mg/kg	ND	12/22/99	CJW	0.004		
Bromodichloromethane	mg/kg	ND	12/22/99	CJW	0.002		
Bromomethane	mg/kg	ND	12/22/99	CJW	0.006		
Bromoform	mg/kg	ND	12/22/99	CJW	0.006		
2-Butanone (MEK)	mg/kg	ND	12/22/99	CJW	0.060		
n-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
sec-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
tert-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Carbon Disulfide	mg/kg	ND	12/22/99	CJW	0.015		
Carbon Tetrachloride	mg/kg	ND	12/22/99	CJW	0.002		
Chlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
Chlorodibromomethane	mg/kg	ND	12/22/99	CJW	0.002		
Chloroethane	mg/kg	ND	12/22/99	CJW	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/22/99	CJW	0.048		
Chloroform	mg/kg	ND	12/22/99	CJW	0.004		
Chloromethane	mg/kg	ND	12/22/99	CJW	0.075		
2-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
4-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/22/99	CJW	0.008		
1,2-Dibromoethane	mg/kg	ND	12/22/99	CJW	0.004		
Dibromomethane	mg/kg	ND	12/22/99	CJW	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/22/99	CJW	0.005		

MDL = Method Detection Limit  
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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
0-2'  
GP-8

	Units	99B29088	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.003		
1,3-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.002		
2,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
Ethyl Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Ethyl Methacrylate	mg/kg	ND	12/22/99	CJW	0.004		
Hexachlorobutadiene	mg/kg	ND	12/22/99	CJW	0.006		
2-Hexanone	mg/kg	ND	12/22/99	CJW	0.048		
Iodomethane	mg/kg	ND	12/22/99	CJW	0.004		
Isopropylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
p-Isopropyltoluene	mg/kg	ND	12/22/99	CJW	0.004		
MTBE	mg/kg	ND	12/22/99	CJW	0.004		
Methylene Chloride	mg/kg	0.159	12/22/99	CJW	0.075		
MIBK	mg/kg	ND	12/22/99	CJW	0.044		
Naphthalene	mg/kg	ND	12/22/99	CJW	0.005		
n-Propylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Styrene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.007		
Tetrachloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
Toluene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
0-2'  
GP-8

	Units	99829088	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Trichloroethylene	mg/kg	ND	12/22/99	CJW	0.005		
Trichlorofluoromethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/22/99	CJW	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.005		
Vinyl Acetate	mg/kg	ND	12/22/99	CJW	0.082		
Vinyl Chloride	mg/kg	ND	12/22/99	CJW	0.002		
m-Xylene	mg/kg	ND	12/22/99	CJW	0.006		
o + p Xylene	mg/kg	ND	12/22/99	CJW	0.002		

MDL = Method Detection Limit  
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12/30/99  
page 61 of 127

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
2-4'  
GP-9

	Units	99B29089	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/22/99	CJW	0.250		
Acrolein	mg/kg	ND	12/22/99	CJW	0.100		
Acrylonitrile	mg/kg	ND	12/22/99	CJW	0.038		
Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Bromobenzene	mg/kg	ND	12/22/99	CJW	0.002		
Bromochloromethane	mg/kg	ND	12/22/99	CJW	0.004		
Bromodichloromethane	mg/kg	ND	12/22/99	CJW	0.002		
Bromomethane	mg/kg	ND	12/22/99	CJW	0.006		
Bromoform	mg/kg	ND	12/22/99	CJW	0.006		
2-Butanone (MEK)	mg/kg	ND	12/22/99	CJW	0.060		
n-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
sec-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
tert-Butylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Carbon Disulfide	mg/kg	ND	12/22/99	CJW	0.015		
Carbon Tetrachloride	mg/kg	ND	12/22/99	CJW	0.002		
Chlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
Chlorodibromomethane	mg/kg	NC	12/22/99	CJW	0.002		
Chloroethane	mg/kg	ND	12/22/99	CJW	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/22/99	CJW	0.048		
Chloroform	mg/kg	ND	12/22/99	CJW	0.004		
Chloromethane	mg/kg	ND	12/22/99	CJW	0.075		
2-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
4-Chlorotoluene	mg/kg	ND	12/22/99	CJW	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/22/99	CJW	0.008		
1,2-Dibromoethane	mg/kg	ND	12/22/99	CJW	0.004		
Dibromomethane	mg/kg	ND	12/22/99	CJW	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/22/99	CJW	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/22/99	CJW	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
2-4'  
GP-9

	Units	99829089	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
1,1-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/22/99	CJW	0.004		
1,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.003		
1,3-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.002		
2,2-Dichloropropane	mg/kg	ND	12/22/99	CJW	0.004		
1,1-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/22/99	CJW	0.002		
Ethyl Benzene	mg/kg	ND	12/22/99	CJW	0.003		
Ethyl Methacrylate	mg/kg	ND	12/22/99	CJW	0.004		
Hexachlorobutadiene	mg/kg	ND	12/22/99	CJW	0.006		
2-Hexanone	mg/kg	ND	12/22/99	CJW	0.048		
Iodomethane	mg/kg	ND	12/22/99	CJW	0.004		
Isopropylbenzene	mg/kg	ND	12/22/99	CJW	0.003		
p-Isopropyltoluene	mg/kg	ND	12/22/99	CJW	0.004		
MTBE	mg/kg	ND	12/22/99	CJW	0.004		
Methylene Chloride	mg/kg	0.157	12/22/99	CJW	0.075		
MIBK	mg/kg	ND	12/22/99	CJW	0.044		
Naphthalene	mg/kg	ND	12/22/99	CJW	0.005		
n-Propylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
Styrene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/22/99	CJW	0.007		
Tetrachloroethylene	mg/kg	ND	12/22/99	CJW	0.002		
Toluene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/22/99	CJW	0.004		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
2-4'  
GP-9

	Units	99829089	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/22/99	CJW	0.005		
Trichlorofluoromethane	mg/kg	ND	12/22/99	CJW	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/22/99	CJW	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/22/99	CJW	0.005		
Vinyl Acetate	mg/kg	ND	12/22/99	CJW	0.082		
Vinyl Chloride	mg/kg	ND	12/22/99	CJW	0.002		
m-Xylene	mg/kg	ND	12/22/99	CJW	0.006		
o + p Xylene	mg/kg	ND	12/22/99	CJW	0.002		

Analytical Method(s):

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPCUND ANALYSIS.

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
2-4'  
GP-1

	Units	99829081	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	5.91	12/17/99	PM	5.00		
Barium	mg/kg	26.6	12/17/99	PM	0.10		
Cadmium	mg/kg	0.14	12/17/99	PM	0.05		
Chromium	mg/kg	15.4	12/17/99	PM	0.35		
Lead	mg/kg	31.0	12/17/99	PM	2.50		
Mercury	mg/kg	0.016	12/20/99	JER	0.008		
Selenium	mg/kg	5.44	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

Sampled: 12/13/99  
0-2'  
GP-10

	Units	99829090	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	9.72	12/17/99	PM	5.00		
Barium	mg/kg	33.6	12/17/99	PM	0.10		
Cadmium	mg/kg	0.08	12/17/99	PM	0.05		
Chromium	mg/kg	20.1	12/17/99	PM	0.35		
Lead	mg/kg	18.4	12/17/99	PM	2.50		
Mercury	mg/kg	0.019	12/20/99	JER	0.009		
Selenium	mg/kg	ND	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-11

	Units	99B29091	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	7.84	12/17/99	PM	5.00		
Barium	mg/kg	33.8	12/17/99	PM	0.10		
Cadmium	mg/kg	0.24	12/17/99	PM	0.05		
Chromium	mg/kg	16.2	12/17/99	PM	0.35		
Lead	mg/kg	91.0	12/17/99	PM	2.50		
Mercury	mg/kg	0.033	12/20/99	JER	0.008		
Selenium	mg/kg	BDL	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

Sampled: 12/14/99  
0-2'  
GP-12

	Units	99B29092	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	6.98	12/17/99	PM	5.00		
Barium	mg/kg	42.3	12/17/99	PM	0.10		
Cadmium	mg/kg	0.34	12/17/99	PM	0.05		
Chromium	mg/kg	17.4	12/17/99	PM	0.35		
Lead	mg/kg	138	12/17/99	PM	2.50		
Mercury	mg/kg	0.053	12/20/99	JER	0.008		
Selenium	mg/kg	BDL	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-13

	Units	99829093	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	-----	-----	-----
Arsenic	mg/kg	9.44	12/17/99	PM	5.00		
Barium	mg/kg	46.8	12/17/99	PM	0.10		
Cadmium	mg/kg	0.34	12/17/99	PM	0.05		
Chromium	mg/kg	20.1	12/17/99	PM	0.35		
Lead	mg/kg	122	12/17/99	PM	2.50		
Mercury	mg/kg	0.034	12/20/99	JER	0.010		
Selenium	mg/kg	8.21	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

Sampled: 12/14/99  
2-4'  
GP-14

	Units	99829094	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	-----	-----	-----
Arsenic	mg/kg	ND	12/17/99	PM	5.00		
Barium	mg/kg	14.0	12/17/99	PM	0.10		
Cadmium	mg/kg	0.09	12/17/99	PM	0.05		
Chromium	mg/kg	9.53	12/17/99	PM	0.35		
Lead	mg/kg	11.6	12/17/99	PM	2.50		
Mercury	mg/kg	ND	12/20/99	JER	0.008		
Selenium	mg/kg	ND	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-15

	Units	99829095	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	BDL	12/17/99	PM	5.00		
Barium	mg/kg	21.1	12/17/99	PM	0.10		
Cadmium	mg/kg	0.12	12/17/99	PM	0.05		
Chromium	mg/kg	12.0	12/17/99	PM	0.35		
Lead	mg/kg	64.8	12/17/99	PM	2.50		
Mercury	mg/kg	0.011	12/20/99	JER	0.011		
Selenium	mg/kg	ND	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

Sampled: 12/14/99  
0-2'  
GP-16

	Units	99829096	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	ND	12/17/99	PM	5.00		
Barium	mg/kg	15.3	12/17/99	PM	0.10		
Cadmium	mg/kg	ND	12/17/99	PM	0.05		
Chromium	mg/kg	4.86	12/17/99	PM	0.35		
Lead	mg/kg	7.03	12/17/99	PM	2.50		
Mercury	mg/kg	ND	12/20/99	JER	0.009		
Selenium	mg/kg	ND	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-17

	Units	99B29097	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	ND	12/17/99	PM	5.00		
Barium	mg/kg	14.4	12/17/99	PM	0.10		
Cadmium	mg/kg	0.10	12/17/99	PM	0.05		
Chromium	mg/kg	4.66	12/17/99	PM	0.35		
Lead	mg/kg	4.99	12/17/99	PM	2.50		
Mercury	mg/kg	ND	12/20/99	JER	0.010		
Selenium	mg/kg	ND	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

Sampled: 12/14/99  
2-4'  
GP-18

	Units	99B29098	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	ND	12/17/99	PM	5.00		
Barium	mg/kg	20.6	12/17/99	PM	0.10		
Cadmium	mg/kg	0.06	12/17/99	PM	0.05		
Chromium	mg/kg	4.66	12/17/99	PM	0.35		
Lead	mg/kg	2.96	12/17/99	PM	2.50		
Mercury	mg/kg	ND	12/20/99	JER	0.011		
Selenium	mg/kg	ND	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-19

	Units	99B29099	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	ND	12/17/99	PM	5.00		
Barium	mg/kg	42.2	12/17/99	PM	0.10		
Cadmium	mg/kg	0.14	12/17/99	PM	0.05		
Chromium	mg/kg	14.8	12/17/99	PM	0.35		
Lead	mg/kg	21.8	12/17/99	PM	2.50		
Mercury	mg/kg	0.013	12/20/99	JER	0.009		
Selenium	mg/kg	BDL	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

Sampled: 12/13/99  
4-8'  
GP-2

	Units	99B29082	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	6.02	12/17/99	PM	5.00		
Barium	mg/kg	32.4	12/17/99	PM	0.10		
Cadmium	mg/kg	0.06	12/17/99	PM	0.05		
Chromium	mg/kg	13.8	12/17/99	PM	0.35		
Lead	mg/kg	6.44	12/17/99	PM	2.50		
Mercury	mg/kg	ND	12/20/99	JER	0.003		
Selenium	mg/kg	BDL	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-20

	Units	99829100	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	ND	12/17/99	PM	5.00		
Barium	mg/kg	28.0	12/17/99	PM	0.10		
Cadmium	mg/kg	0.19	12/17/99	PM	0.05		
Chromium	mg/kg	11.7	12/17/99	PM	0.35		
Lead	mg/kg	15.3	12/17/99	PM	2.50		
Mercury	mg/kg	0.019	12/20/99	JER	0.009		
Selenium	mg/kg	ND	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

Sampled: 12/14/99  
4-7'  
GP-21

	Units	99829101	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	ND	12/17/99	PM	5.00		
Barium	mg/kg	10.4	12/17/99	PM	0.10		
Cadmium	mg/kg	0.04	12/17/99	PM	0.05		
Chromium	mg/kg	6.08	12/17/99	PM	0.35		
Lead	mg/kg	4.74	12/17/99	PM	2.50		
Mercury	mg/kg	ND	12/20/99	JER	0.011		
Selenium	mg/kg	BDL	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
0-2'  
GP-3

	Units	99B29083	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	7.86	12/17/99	PM	5.00		
Barium	mg/kg	20.2	12/17/99	PM	0.10		
Cadmium	mg/kg	0.25	12/17/99	PM	0.05		
Chromium	mg/kg	12.2	12/17/99	PM	0.35		
Lead	mg/kg	24.2	12/17/99	PM	2.50		
Mercury	mg/kg	0.011	12/20/99	JER	0.008		
Selenium	mg/kg	ND	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

Sampled: 12/13/99  
2-4'  
GP-4

	Units	99B29084	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	11.4	12/17/99	PM	5.00		
Barium	mg/kg	13.8	12/17/99	PM	0.10		
Cadmium	mg/kg	0.09	12/17/99	PM	0.05		
Chromium	mg/kg	25.1	12/17/99	PM	0.35		
Lead	mg/kg	7.33	12/17/99	PM	2.50		
Mercury	mg/kg	BDL	12/20/99	JER	0.011		
Selenium	mg/kg	6.64	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
0-2'  
GP-5

	Units	99829085	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	6.50	12/17/99	PM	5.00		
Barium	mg/kg	31.3	12/17/99	PM	0.10		
Cadmium	mg/kg	0.16	12/17/99	PM	0.05		
Chromium	mg/kg	24.6	12/17/99	PM	0.35		
Lead	mg/kg	16.7	12/17/99	PM	2.50		
Mercury	mg/kg	ND	12/20/99	JER	0.010		
Selenium	mg/kg	ND	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

Sampled: 12/13/99  
2-4'  
GP-6

	Units	99829086	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	ND	12/17/99	PM	5.00		
Barium	mg/kg	11.0	12/17/99	PM	0.10		
Cadmium	mg/kg	0.10	12/17/99	PM	0.05		
Chromium	mg/kg	9.35	12/17/99	PM	0.35		
Lead	mg/kg	4.20	12/17/99	PM	2.50		
Mercury	mg/kg	ND	12/20/99	JER	0.007		
Selenium	mg/kg	ND	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
4-6.5'  
GP-7

	Units	99829087	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	mg/kg	6.25	12/17/99	PM	5.00		
Barium	mg/kg	14.3	12/17/99	PM	0.10		
Cadmium	mg/kg	ND	12/17/99	PM	0.05		
Chromium	mg/kg	15.2	12/17/99	PM	0.35		
Lead	mg/kg	4.94	12/17/99	PM	2.50		
Mercury	mg/kg	ND	12/20/99	JER	0.007		
Selenium	mg/kg	5.32	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

Sampled: 12/13/99  
0-2'  
GP-8

	Units	99829088	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	mg/kg	ND	12/17/99	PM	5.00		
Barium	mg/kg	36.6	12/17/99	PM	0.10		
Cadmium	mg/kg	0.64	12/17/99	PM	0.05		
Chromium	mg/kg	14.7	12/17/99	PM	0.35		
Lead	mg/kg	121	12/17/99	PM	2.50		
Mercury	mg/kg	0.057	12/20/99	JER	0.009		
Selenium	mg/kg	7.78	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
2-4'  
GP-9

	Units	99B29089	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	BDL	12/17/99	PM	5.00		
Barium	mg/kg	13.7	12/17/99	PM	0.10		
Cadmium	mg/kg	ND	12/17/99	PM	0.05		
Chromium	mg/kg	20.8	12/17/99	PM	0.35		
Lead	mg/kg	5.81	12/17/99	PM	2.50		
Mercury	mg/kg	ND	12/20/99	JER	0.007		
Selenium	mg/kg	ND	12/17/99	PM	5.00		
Silver	mg/kg	ND	12/17/99	PM	0.50		

Analytical Method(s):

Arsenic  
SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Barium  
SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Cadmium  
SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Chromium  
SW846 3050/6010

MDL = Method Detection Limit  
ND = Not Detected  
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SPEC LIMIT = a client specified, recommended, or  
regulatory level for comparison with data to  
determine PASS (P) or FAIL (F) condition of results.

12/30/99

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SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Lead

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Mercury

SW846 3050/7471

SAMPLES ARE DIGESTED WITH ACIDS AND THEN ANALYZED BY  
COLD VAPOR (FLAMELESS) ATOMIC ABSORPTION SPECTROPHOTOMETRY

Selenium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Silver

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

MDL = Method Detection Limit

ND = Not Detected

BDL = Below Detection Limit

NM = Not Measured

SPEC LIMIT = a client specified, recommended, or  
regulatory level for comparison with data to  
determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
2-4'  
GP-1

	Units	99B29081	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/27/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/27/99	WSD	0.33		
Anthracene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	ND	12/27/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	BDL	12/27/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/27/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	ND	12/27/99	WSD	0.67		
Chrysene	mg/kg	ND	12/27/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/27/99	WSD	0.67		
Fluoranthene	mg/kg	BDL	12/27/99	WSD	0.33		
Fluorene	mg/kg	ND	12/27/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/27/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/27/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/27/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/27/99	WSD	0.33		
Pyrene	mg/kg	BDL	12/27/99	WSD	1.00		

Sampled: 12/13/99  
0-2'  
GP-10

	Units	99B29090	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/27/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/27/99	WSD	0.33		
Anthracene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	0.56	12/27/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	BDL	12/27/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	0.83	12/27/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/27/99	WSD	1.00		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
0-2'  
GP-10

	Units	99B29090	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Benzo(k)fluoranthene	mg/kg	BDL	12/27/99	WSD	0.67		
Chrysene	mg/kg	0.72	12/27/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/27/99	WSD	0.67		
Fluoranthene	mg/kg	1.19	12/27/99	WSD	0.33		
Fluorene	mg/kg	ND	12/27/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	BDL	12/27/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/27/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/27/99	WSD	0.33		
Phenanthrene	mg/kg	0.74	12/27/99	WSD	0.33		
Pyrene	mg/kg	1.20	12/27/99	WSD	1.00		

Sampled: 12/14/99  
0-2'  
GP-11

	Units	99B29091	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	0.33		
Anthracene	mg/kg	BDL	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	0.90	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	0.95	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	1.33	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/28/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	0.99	12/28/99	WSD	0.67		
Chrysene	mg/kg	1.07	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	1.85	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	0.48	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-11

	Units	99B29091	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	0.96	12/28/99	WSD	0.33		
Pyrene	mg/kg	1.86	12/28/99	WSD	1.00		

Sampled: 12/14/99  
0-2'  
GP-12

	Units	99B29092	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	1.67		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	1.67		
Anthracene	mg/kg	ND	12/28/99	WSD	1.67		
Benzo(a)anthracene	mg/kg	3.57	12/28/99	WSD	1.67		
Benzo(a)pyrene	mg/kg	3.82	12/28/99	WSD	3.33		
Benzo(b)fluoranthene	mg/kg	5.87	12/28/99	WSD	1.67		
Benzo(g,h,i)perylene	mg/kg	BDL	12/28/99	WSD	5.00		
Benzo(k)fluoranthene	mg/kg	4.05	12/28/99	WSD	3.33		
Chrysene	mg/kg	4.22	12/28/99	WSD	3.33		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	3.33		
Fluoranthene	mg/kg	7.15	12/28/99	WSD	1.67		
Fluorene	mg/kg	ND	12/28/99	WSD	1.67		
Indeno(1,2,3-cd)pyrene	mg/kg	1.98	12/28/99	WSD	1.67		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	1.67		
Naphthalene	mg/kg	ND	12/28/99	WSD	1.67		
Phenanthrene	mg/kg	3.72	12/28/99	WSD	1.67		
Pyrene	mg/kg	7.87	12/28/99	WSD	5.00		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-13

	Units	99829093	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	0.33	12/28/99	WSD	0.33		
Anthracene	mg/kg	BDL	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	1.12	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	1.37	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	2.07	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/28/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	1.33	12/28/99	WSD	0.67		
Chrysene	mg/kg	1.20	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	1.77	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	0.60	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	0.60	12/28/99	WSD	0.33		
Pyrene	mg/kg	2.13	12/28/99	WSD	1.00		

Sampled: 12/14/99  
2-4'  
GP-14

	Units	99829094	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	0.33		
Anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	ND	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/28/99	WSD	1.00		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
2-4'  
GP-14

	Units	99829094	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Benzo(k)fluoranthene	mg/kg	ND	12/28/99	WSD	0.67		
Chrysene	mg/kg	BDL	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	BDL	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/28/99	WSD	0.33		
Pyrene	mg/kg	BDL	12/28/99	WSD	1.00		

Sampled: 12/14/99  
0-2'  
GP-15

	Units	99829095	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	0.33		
Anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	0.35	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	BDL	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	0.57	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/28/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	BDL	12/28/99	WSD	0.67		
Chrysene	mg/kg	BDL	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	0.68	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	BDL	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-15

	Units	99829095	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	BDL	12/28/99	WSD	0.33		
Pyrene	mg/kg	BDL	12/28/99	WSD	1.00		

Sampled: 12/14/99  
0-2'  
GP-16

	Units	99829096	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	3.33		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	3.33		
Anthracene	mg/kg	ND	12/28/99	WSD	3.33		
Benzo(a)anthracene	mg/kg	ND	12/28/99	WSD	3.33		
Benzo(a)pyrene	mg/kg	ND	12/28/99	WSD	6.67		
Benzo(b)fluoranthene	mg/kg	ND	12/28/99	WSD	3.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/28/99	WSD	10.0		
Benzo(k)fluoranthene	mg/kg	ND	12/28/99	WSD	6.67		
Chrysene	mg/kg	ND	12/28/99	WSD	6.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	6.67		
Fluoranthene	mg/kg	ND	12/28/99	WSD	3.33		
Fluorene	mg/kg	ND	12/28/99	WSD	3.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/28/99	WSD	3.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	3.33		
Naphthalene	mg/kg	ND	12/28/99	WSD	3.33		
Phenanthrene	mg/kg	ND	12/28/99	WSD	3.33		
Pyrene	mg/kg	BDL	12/28/99	WSD	10.0		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
 Job Number: 83-230  
 Sample Matrix: SOIL

Sampled: 12/14/99  
 0-2'  
 GP-17

	Units	99B29097	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	-----	-----	-----
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	0.33		
Anthracene	mg/kg	0.39	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	2.78	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	2.45	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	3.58	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/28/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	2.23	12/28/99	WSD	0.67		
Chrysene	mg/kg	2.60	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	BDL	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	3.89	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	1.00	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	1.34	12/28/99	WSD	0.33		
Pyrene	mg/kg	5.44	12/28/99	WSD	1.00		

Sampled: 12/14/99  
 2-4'  
 GP-18

	Units	99B29098	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	-----	-----	-----
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	0.33		
Anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	ND	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/28/99	WSD	1.00		

MDL = Method Detection Limit  
 ND = Not Detected  
 BDL = Below Detection Limit  
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
2-4'  
GP-18

	Units	99B29098	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Benzo(k)fluoranthene	mg/kg	ND	12/28/99	WSD	0.67		
Chrysene	mg/kg	ND	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/28/99	WSD	0.33		
Pyrene	mg/kg	ND	12/28/99	WSD	1.00		

Sampled: 12/14/99  
0-2'  
GP-19

	Units	99B29099	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	0.33		
Anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	ND	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/28/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	ND	12/28/99	WSD	0.67		
Chrysene	mg/kg	ND	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-19

	Units	99B29099	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/28/99	WSD	0.33		
Pyrene	mg/kg	ND	12/28/99	WSD	1.00		

Sampled: 12/13/99  
4-8'  
GP-2

	Units	99B29082	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/27/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/27/99	WSD	0.33		
Anthracene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	ND	12/27/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/27/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	ND	12/27/99	WSD	0.67		
Chrysene	mg/kg	ND	12/27/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/27/99	WSD	0.33		
Fluoranthene	mg/kg	ND	12/27/99	WSD	0.33		
Fluorene	mg/kg	ND	12/27/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/27/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/27/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/27/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/27/99	WSD	0.33		
Pyrene	mg/kg	ND	12/27/99	WSD	1.00		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

12/30/99

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/14/99

0-2'

GP-20

	Units	99829100	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	0.33		
Anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	ND	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/28/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	ND	12/28/99	WSD	0.67		
Chrysene	mg/kg	ND	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/28/99	WSD	0.33		
Pyrene	mg/kg	ND	12/28/99	WSD	1.00		

Sampled: 12/14/99

4-7'

GP-21

	Units	99829101	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	0.33		
Anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	ND	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/28/99	WSD	1.00		

MDL = Method Detection Limit  
 ND = Not Detected  
 BDL = Below Detection Limit  
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
4-7'  
GP-21

	Units	99B29101	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----							
Benzo(k)fluoranthene	mg/kg	ND	12/28/99	WSD	0.67		
Chrysene	mg/kg	ND	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/28/99	WSD	0.33		
Pyrene	mg/kg	ND	12/28/99	WSD	1.00		

Sampled: 12/13/99  
0-2'  
GP-3

	Units	99B29083	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----							
Acenaphthene	mg/kg	ND	12/27/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/27/99	WSD	0.33		
Anthracene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	1.13	12/27/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	1.21	12/27/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	2.11	12/27/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/27/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	0.97	12/27/99	WSD	0.67		
Chrysene	mg/kg	1.36	12/27/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/27/99	WSD	0.67		
Fluoranthene	mg/kg	2.12	12/27/99	WSD	0.33		
Fluorene	mg/kg	ND	12/27/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	0.64	12/27/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/27/99	WSD	0.33		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
0-2'  
GP-3

	Units	99B29083	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Naphthalene	mg/kg	ND	12/27/99	WSD	0.33		
Phenanthrene	mg/kg	0.68	12/27/99	WSD	0.33		
Pyrene	mg/kg	2.24	12/27/99	WSD	1.00		

Sampled: 12/13/99  
2-4'  
GP-4

	Units	99B29084	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/27/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/27/99	WSD	0.33		
Anthracene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	ND	12/27/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/27/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	ND	12/27/99	WSD	0.67		
Chrysene	mg/kg	ND	12/27/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/27/99	WSD	0.67		
Fluoranthene	mg/kg	ND	12/27/99	WSD	0.33		
Fluorene	mg/kg	ND	12/27/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/27/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/27/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/27/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/27/99	WSD	0.33		
Pyrene	mg/kg	ND	12/27/99	WSD	1.00		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
0-2'  
GP-5

	Units	99B29085	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/27/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/27/99	WSD	0.33		
Anthracene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	ND	12/27/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/27/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	ND	12/27/99	WSD	0.67		
Chrysene	mg/kg	ND	12/27/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/27/99	WSD	0.67		
Fluoranthene	mg/kg	BDL	12/27/99	WSD	0.33		
Fluorene	mg/kg	ND	12/27/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/27/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/27/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/27/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/27/99	WSD	0.33		
Pyrene	mg/kg	BDL	12/27/99	WSD	1.00		

Sampled: 12/13/99  
2-4'  
GP-6

	Units	99B29086	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/27/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/27/99	WSD	0.33		
Anthracene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	BDL	12/27/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	ND	12/27/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/27/99	WSD	1.00		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
2-4'  
GP-6

	Units	99B29086	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Benzo(k)fluoranthene	mg/kg	ND	12/27/99	WSD	0.67		
Chrysene	mg/kg	BDL	12/27/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/27/99	WSD	0.67		
Fluoranthene	mg/kg	0.45	12/27/99	WSD	0.33		
Fluorene	mg/kg	ND	12/27/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/27/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/27/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/27/99	WSD	0.33		
Phenanthrene	mg/kg	BDL	12/27/99	WSD	0.33		
Pyrene	mg/kg	BDL	12/27/99	WSD	1.00		

Sampled: 12/13/99  
4-6.5'  
GP-7

	Units	99B29087	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/27/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/27/99	WSD	0.33		
Anthracene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	ND	12/27/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/27/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	ND	12/27/99	WSD	0.67		
Chrysene	mg/kg	ND	12/27/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/27/99	WSD	0.67		
Fluoranthene	mg/kg	ND	12/27/99	WSD	0.33		
Fluorene	mg/kg	ND	12/27/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/27/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/27/99	WSD	0.33		

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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
4-6.5'  
GP-7

	Units	99B29087	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Naphthalene	mg/kg	ND	12/27/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/27/99	WSD	0.33		
Pyrene	mg/kg	ND	12/27/99	WSD	1.00		

Sampled: 12/13/99  
0-2'  
GP-8

	Units	99B29088	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/27/99	WSD	1.67		
Acenaphthylene	mg/kg	ND	12/27/99	WSD	1.67		
Anthracene	mg/kg	ND	12/27/99	WSD	1.67		
Benzo(a)anthracene	mg/kg	1.95	12/27/99	WSD	1.67		
Benzo(a)pyrene	mg/kg	BDL	12/27/99	WSD	3.33		
Benzo(b)fluoranthene	mg/kg	3.57	12/27/99	WSD	1.67		
Benzo(g,h,i)perylene	mg/kg	ND	12/27/99	WSD	5.00		
Benzo(k)fluoranthene	mg/kg	BDL	12/27/99	WSD	3.33		
Chrysene	mg/kg	BDL	12/27/99	WSD	3.33		
Dibenz(a,h)anthracene	mg/kg	ND	12/27/99	WSD	3.33		
Fluoranthene	mg/kg	4.33	12/27/99	WSD	1.67		
Fluorene	mg/kg	ND	12/27/99	WSD	1.67		
Indeno(1,2,3-cd)pyrene	mg/kg	BDL	12/27/99	WSD	1.67		
2-Methylnaphthalene	mg/kg	ND	12/27/99	WSD	1.67		
Naphthalene	mg/kg	ND	12/27/99	WSD	1.67		
Phenanthrene	mg/kg	1.82	12/27/99	WSD	1.67		
Pyrene	mg/kg	BDL	12/27/99	WSD	5.00		

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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
2-4'  
GP-9

	Units	99829089	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/27/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/27/99	WSD	0.33		
Anthracene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	ND	12/27/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	ND	12/27/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/27/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	ND	12/27/99	WSD	0.67		
Chrysene	mg/kg	ND	12/27/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/27/99	WSD	0.33		
Fluoranthene	mg/kg	ND	12/27/99	WSD	0.33		
Fluorene	mg/kg	ND	12/27/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/27/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/27/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/27/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/27/99	WSD	0.33		
Pyrene	mg/kg	ND	12/27/99	WSD	1.00		

Analytical Method(s):

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
2-4'  
GP-1

	Units	99B29060	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.15	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/13/99  
0-2'  
GP-10

	Units	99B29060	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.12	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

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BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-11

	Units	99B29070	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.12	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/14/99  
0-2'  
GP-12

	Units	99B29071	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.34	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	F
Lead	MG/L LEACHATE	0.10	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

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ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-13

	Units	99B29072	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.11	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	BDL	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/14/99  
2-4'  
GP-14

	Units	99B29073	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.13	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

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ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-15

	Units	99B29074	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.07	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/14/99  
0-2'  
GP-16

	Units	99B29075	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.08	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-17

	Units	99829076	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.13	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/14/99  
2-4'  
GP-18

	Units	99829077	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.09	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

MDL = Method Detection Limit  
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12/30/99

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/14/99

0-2'

GP-19

	Units	99B29078	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.29	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/13/99

4-8'

GP-2

	Units	99B29061	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.35	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

MDL = Method Detection Limit  
 ND = Not Detected  
 BDL = Below Detection Limit  
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-20

	Units	99B29079	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.13	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/14/99  
4-7'  
GP-21

	Units	99B29080	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.11	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

12/30/99

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/13/99

0-2'

GP-3

	Units	99829062	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.25	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/13/99

2-4'

GP-4

	Units	99829063	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.08	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

MDL = Method Detection Limit  
 ND = Not Detected  
 BDL = Below Detection Limit  
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
0-2'  
GP-5

	Units	99B29064	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.05	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/13/99  
2-4'  
GP-6

	Units	99B29065	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.08	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

12/30/99

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/13/99

4-6.5'

GP-7

	Units	99B29066	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.12	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/13/99

0-2'

GP-8

	Units	99B29067	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.20	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

MDL = Method Detection Limit  
 ND = Not Detected  
 BDL = Below Detection Limit  
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
2-4'  
GP-9

	Units	99B29068	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/27/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.10	12/27/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/27/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/27/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/27/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Analytical Method(s):

SW846 1312/6010/7470

SW846 1312 SYNTHETIC PRECIPITATION LEACHING PROCEDURE (SPLP). SAMPLES ARE LEACHED FOR 16-20 HOURS IN THE APPROPRIATE LEACHING SOLUTION ACCORDING TO SPLP.

SW846 6010 ALL METALS OTHER THAN MERCURY ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY.

SW846 7470 MERCURY LEACHATE IS ANALYZED BY COLD VAPOR (FLAMELESS) ATOMIC ABSORPTION SPECTROPHOTOMETRY.

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
2-4'  
GP-1

	Units	99B29081	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	BDL	12/22/99	LL	18.6		

Sampled: 12/13/99  
0-2'  
GP-10

	Units	99B29090	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	20.8	12/22/99	LL	18.9		

Sampled: 12/14/99  
0-2'  
GP-11

	Units	99B29091	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	50.8	12/22/99	LL	18.6		

Sampled: 12/14/99  
0-2'  
GP-12

	Units	99B29092	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	109	12/22/99	LL	19.3		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-13

	Units	99829093	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	77.5	12/22/99	LL	18.3		

Sampled: 12/14/99  
2-4'  
GP-14

	Units	99829094	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	BDL	12/22/99	LL	18.9		

Sampled: 12/14/99  
0-2'  
GP-15

	Units	99829095	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	43.5	12/22/99	LL	18.9		

Sampled: 12/14/99  
0-2'  
GP-16

	Units	99829096	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	178	12/22/99	LL	19.2		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-17

	Units	99B29097	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	88.7	12/22/99	LL	18.3		

Sampled: 12/14/99  
2-4'  
GP-18

	Units	99B29098	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	BDL	12/22/99	LL	19.6		

Sampled: 12/14/99  
0-2'  
GP-19

	Units	99B29099	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	BDL	12/22/99	LL	18.7		

Sampled: 12/13/99  
4-8'  
GP-2

	Units	99B29082	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	BDL	12/22/99	LL	19.5		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/14/99  
0-2'  
GP-20

	Units	99829100	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	72.4	12/22/99	LL	18.6		

Sampled: 12/14/99  
4-7'  
GP-21

	Units	99829101	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	BDL	12/22/99	LL	18.6		

Sampled: 12/13/99  
0-2'  
GP-3

	Units	99829083	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	62.6	12/22/99	LL	19.1		

Sampled: 12/13/99  
2-4'  
GP-4

	Units	99829084	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	BDL	12/22/99	LL	18.3		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
0-2'  
GP-5

	Units	99829085	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	349	12/22/99	LL	18.6		

Sampled: 12/13/99  
2-4'  
GP-6

	Units	99829086	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	BDL	12/22/99	LL	19.1		

Sampled: 12/13/99  
4-6.5'  
GP-7

	Units	99829087	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	BDL	12/22/99	LL	18.4		

Sampled: 12/13/99  
0-2'  
GP-8

	Units	99829088	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	160	12/22/99	LL	19.0		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/13/99  
2-4'  
GP-9

	Units	99829089	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	BDL	12/22/99	LL	18.8		

Analytical Method(s):

MODIFIED EPA 418.1

INFRA-RED DETERMINATION FOLLOWING EXTRACTION OF HYDROCARBONS INTO  
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



39 Spruce Street • 2nd Floor • East Longmeadow, MA 01028 • FAX 413/525-6405 • TEL. 413/525-2332

C KNIGHT  
 CT DOT C/O LES  
 354 SOUTH RIVER ROAD  
 TOLLAND, CT 06084

01/04/00  
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Purchase Order Number: 543199

Project Location: MILFORD RTE 1  
 Date Received: 12/17/99

LIMS-BAT #: LIMS-45886  
 Job Number: 83-230  
 Sample Matrix: SOIL

Sampled: 12/15/99  
 2-4'  
 GP-22

	Units	99829259	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

01/04/00

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/15/99

2-4'

GP-22

	Units	99829259	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/23/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
2-4'  
GP-22

	Units	99829259	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

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BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-23

	Units	99829260	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-23

	Units	99B29260	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-23

	Units	99B29260	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
4-8'  
GP-24

	Units	99B29261	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.064		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/15/99

4-8'

GP-24

	Units	99B29261	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
4-8'  
GP-24

	Units	99829261	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/15/99

0-2'

GP-25

	Units	99829262	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/15/99

0-2'

GP-25

	Units	99B29262	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyl toluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

MDL = Method Detection Limit  
 ND = Not Detected  
 BDL = Below Detection Limit  
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-25

	Units	99B29262	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
2-4'  
GP-26

	Units	99B29263	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/15/99

2-4'

GP-26

	Units	99829263	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/15/99

2-4'

GP-26

	Units	99B29263	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
D-2'  
GP-27

	Units	99829264	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-27

	Units	99B29264	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-27

	Units	99829264	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-28

	Units	99829265	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-28

	Units	99B29265	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/15/99

0-2'

GP-28

	Units	99B29265	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/15/99

4-8'

GP-29

	Units	99B29266	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
4-8'  
GP-29

	Units	99829266	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
4-3'  
GP-29

	Units	99B29266	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-30

	Units	99829267	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/15/99

0-2'

GP-30

	Units	99829267	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	-----	-----	-----
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-30

	Units	99829267	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/15/99

0-2'

GP-31

	Units	99B29268	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-31

	Units	99829268	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

MDL = Method Detection Limit  
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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-31

	Units	99B29268	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/15/99

0-2'

GP-32

	Units	99829269	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/24/99	WSD	0.250		
Acrolein	mg/kg	ND	12/24/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/24/99	WSD	0.038		
Benzene	mg/kg	ND	12/24/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/24/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/24/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/24/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/24/99	WSD	0.006		
Bromoform	mg/kg	ND	12/24/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/24/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/24/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/24/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/24/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/24/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/24/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/24/99	WSD	0.048		
Chloroform	mg/kg	ND	12/24/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/24/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/24/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/24/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/24/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/24/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/24/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/24/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/24/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/24/99	WSD	0.005		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-32

	Units	99829269	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/24/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/24/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/24/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/24/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/24/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/24/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/24/99	WSD	0.004		
MTBE	mg/kg	ND	12/24/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/24/99	WSD	0.075		
MIBK	mg/kg	ND	12/24/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/24/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
Styrene	mg/kg	ND	12/24/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/24/99	WSD	0.002		
1,1,1,2,2-Tetrachloroethane	mg/kg	ND	12/24/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/24/99	WSD	0.002		
Toluene	mg/kg	ND	12/24/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/24/99	WSD	0.004		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-32

	Units	99829269	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/24/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/24/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/24/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/24/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/24/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/24/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/24/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/24/99	WSD	0.002		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/16/99

2-4'

GP-33

	Units	99829270	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/24/99	WSD	0.250		
Acrolein	mg/kg	ND	12/24/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/24/99	WSD	0.038		
Benzene	mg/kg	ND	12/24/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/24/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/24/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/24/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/24/99	WSD	0.006		
Bromoform	mg/kg	ND	12/24/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/24/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/24/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/24/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/24/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/24/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/24/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/24/99	WSD	0.048		
Chloroform	mg/kg	ND	12/24/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/24/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/24/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/24/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/24/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/24/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/24/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/24/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/24/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/24/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
2-4'  
GP-33

	Units	99829270	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/24/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/24/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/24/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/24/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/24/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/24/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/24/99	WSD	0.004		
MTBE	mg/kg	ND	12/24/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/24/99	WSD	0.075		
MIBK	mg/kg	ND	12/24/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/24/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
Styrene	mg/kg	ND	12/24/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/24/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/24/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/24/99	WSD	0.002		
Toluene	mg/kg	ND	12/24/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/24/99	WSD	0.004		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
2-4'  
GP-33

	Units	99B29270	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/24/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/24/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/24/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/24/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/24/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/24/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/24/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/24/99	WSD	0.002		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-34

	Units	99829271	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/24/99	WSD	0.250		
Acrolein	mg/kg	ND	12/24/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/24/99	WSD	0.038		
Benzene	mg/kg	ND	12/24/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/24/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/24/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/24/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/24/99	WSD	0.006		
Bromoform	mg/kg	ND	12/24/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/24/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/24/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/24/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/24/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/24/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/24/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/24/99	WSD	0.048		
Chloroform	mg/kg	ND	12/24/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/24/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/24/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/24/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/24/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/24/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/24/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/24/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/24/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/24/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-34

	Units	99B29271	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/24/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/24/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/24/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/24/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/24/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/24/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/24/99	WSD	0.004		
MTBE	mg/kg	ND	12/24/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/24/99	WSD	0.075		
MIBK	mg/kg	ND	12/24/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/24/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
Styrene	mg/kg	ND	12/24/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/24/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/24/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/24/99	WSD	0.002		
Toluene	mg/kg	ND	12/24/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/24/99	WSD	0.004		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-34

	Units	99829271	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/24/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/24/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/24/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/24/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/24/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/24/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/24/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/24/99	WSD	0.002		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
D-2'  
GP-35

	Units	99B29272	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/24/99	WSD	0.250		
Acrolein	mg/kg	ND	12/24/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/24/99	WSD	0.038		
Benzene	mg/kg	ND	12/24/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/24/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/24/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/24/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/24/99	WSD	0.006		
Bromoform	mg/kg	ND	12/24/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/24/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/24/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/24/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/24/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/24/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/24/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/24/99	WSD	0.048		
Chloroform	mg/kg	ND	12/24/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/24/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/24/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/24/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/24/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/24/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/24/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/24/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/24/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/24/99	WSD	0.005		

MDL = Method Detection Limit  
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BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-35

	Units	99B29272	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/24/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/24/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/24/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/24/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/24/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/24/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/24/99	WSD	0.004		
MTBE	mg/kg	ND	12/24/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/24/99	WSD	0.075		
MIBK	mg/kg	ND	12/24/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/24/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
Styrene	mg/kg	ND	12/24/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/24/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/24/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/24/99	WSD	0.002		
Toluene	mg/kg	ND	12/24/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/24/99	WSD	0.004		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-35

	Units	99B29272	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/24/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/24/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/24/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/24/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/24/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/24/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/24/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/24/99	WSD	0.002		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/16/99

2-4'

GP-36

	Units	99B29273	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/24/99	WSD	0.250		
Acrolein	mg/kg	ND	12/24/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/24/99	WSD	0.038		
Benzene	mg/kg	ND	12/24/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/24/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/24/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/24/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/24/99	WSD	0.006		
Bromoform	mg/kg	ND	12/24/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/24/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/24/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/24/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/24/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/24/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/24/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/24/99	WSD	0.048		
Chloroform	mg/kg	ND	12/24/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/24/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/24/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/24/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/24/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/24/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/24/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/24/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/24/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/24/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
2-4'  
GP-36

	Units	99B29273	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/24/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/24/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/24/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/24/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/24/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/24/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/24/99	WSD	0.004		
MTBE	mg/kg	ND	12/24/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/24/99	WSD	0.075		
MIBK	mg/kg	ND	12/24/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/24/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
Styrene	mg/kg	ND	12/24/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/24/99	WSD	0.002		
1,1,1,2,2-Tetrachloroethane	mg/kg	ND	12/24/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/24/99	WSD	0.002		
Toluene	mg/kg	ND	12/24/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/24/99	WSD	0.004		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
2-4'  
GP-36

	Units	99B29273	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/24/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/24/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/24/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/24/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/24/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/24/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/24/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/24/99	WSD	0.002		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
4-8'  
GP-37

	Units	99B29274	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/24/99	WSD	0.250		
Acrolein	mg/kg	ND	12/24/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/24/99	WSD	0.038		
Benzene	mg/kg	ND	12/24/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/24/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/24/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/24/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/24/99	WSD	0.006		
Bromoform	mg/kg	ND	12/24/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/24/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/24/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/24/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/24/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/24/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/24/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/24/99	WSD	0.048		
Chloroform	mg/kg	ND	12/24/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/24/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/24/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/24/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/24/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/24/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/24/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/24/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/24/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/24/99	WSD	0.005		

MDL = Method Detection Limit  
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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/16/99

4-8'

GP-37

	Units	99B29274	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/24/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/24/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/24/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/24/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/24/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/24/99	WSD	0.003		
p-Isopropyl toluene	mg/kg	ND	12/24/99	WSD	0.004		
MTBE	mg/kg	ND	12/24/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/24/99	WSD	0.075		
MIBK	mg/kg	ND	12/24/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/24/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
Styrene	mg/kg	ND	12/24/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/24/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/24/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/24/99	WSD	0.002		
Toluene	mg/kg	ND	12/24/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/24/99	WSD	0.004		

MDL = Method Detection Limit

ND = Not Detected

BDL = Below Detection Limit

NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
4-8'  
GP-37

	Units	99B29274	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/24/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/24/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/24/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/24/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/24/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/24/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/24/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/24/99	WSD	0.002		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-38

	Units	99829275	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/24/99	WSD	0.250		
Acrolein	mg/kg	ND	12/24/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/24/99	WSD	0.038		
Benzene	mg/kg	ND	12/24/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/24/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/24/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/24/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/24/99	WSD	0.006		
Bromoform	mg/kg	ND	12/24/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/24/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/24/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/24/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/24/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/24/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/24/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/24/99	WSD	0.048		
Chloroform	mg/kg	ND	12/24/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/24/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/24/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/24/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/24/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/24/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/24/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/24/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/24/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/24/99	WSD	0.005		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/16/99

0-2'

GP-38

	Units	99B29275	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
1,1-Dichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/24/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/24/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/24/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/24/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/24/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/24/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/24/99	WSD	0.004		
MTBE	mg/kg	ND	12/24/99	WSD	0.004		
Methylene Chloride	mg/kg	0.076	12/24/99	WSD	0.075		
MIBK	mg/kg	ND	12/24/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/24/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
Styrene	mg/kg	ND	12/24/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/24/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/24/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/24/99	WSD	0.002		
Toluene	mg/kg	ND	12/24/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/24/99	WSD	0.004		

MDL = Method Detection Limit  
 ND = Not Detected  
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 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-38

	Units	99829275	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/24/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/24/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/24/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/24/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/24/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/24/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/24/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/24/99	WSD	0.002		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/16/99

0-2'

GP-39

	Units	99B29276	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	-----	-----	-----
Acetone	mg/kg	0.299	12/24/99	WSD	0.250		
Acrolein	mg/kg	ND	12/24/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/24/99	WSD	0.038		
Benzene	mg/kg	ND	12/24/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/24/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/24/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/24/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/24/99	WSD	0.006		
Bromoform	mg/kg	ND	12/24/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/24/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/24/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/24/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/24/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/24/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/24/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/24/99	WSD	0.048		
Chloroform	mg/kg	ND	12/24/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/24/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/24/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/24/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/24/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/24/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/24/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/24/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/24/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/24/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/16/99

0-2'

GP-39

	Units	99B29276	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
1,1-Dichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/24/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/24/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/24/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/24/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/24/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/24/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/24/99	WSD	0.004		
MTBE	mg/kg	ND	12/24/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/24/99	WSD	0.075		
MIBK	mg/kg	ND	12/24/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/24/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
Styrene	mg/kg	ND	12/24/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/24/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/24/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/24/99	WSD	0.002		
Toluene	mg/kg	ND	12/24/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/24/99	WSD	0.004		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-39

	Units	99B29276	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/24/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/24/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/24/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/24/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/24/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/24/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/24/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/24/99	WSD	0.002		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-40

	Units	99B29277	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/24/99	WSD	0.250		
Acrolein	mg/kg	ND	12/24/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/24/99	WSD	0.038		
Benzene	mg/kg	ND	12/24/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/24/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/24/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/24/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/24/99	WSD	0.006		
Bromoform	mg/kg	ND	12/24/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/24/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/24/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/24/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/24/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/24/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/24/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/24/99	WSD	0.048		
Chloroform	mg/kg	ND	12/24/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/24/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/24/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/24/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/24/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/24/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/24/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/24/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/24/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/24/99	WSD	0.005		

MDL = Method Detection Limit  
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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/16/99

0-2'

GP-40

	Units	99B29277	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/24/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/24/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/24/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/24/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/24/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/24/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/24/99	WSD	0.004		
MTBE	mg/kg	ND	12/24/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/24/99	WSD	0.075		
MIBK	mg/kg	ND	12/24/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/24/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
Styrene	mg/kg	ND	12/24/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/24/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/24/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/24/99	WSD	0.002		
Toluene	mg/kg	ND	12/24/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/24/99	WSD	0.004		

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ND = Not Detected

BDL = Below Detection Limit

NM = Not Measured

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/16/99

0-2'

GP-40

	Units	99B29277	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/24/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/24/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/24/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/24/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/24/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/24/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/24/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/24/99	WSD	0.002		

MDL = Method Detection Limit

ND = Not Detected

BDL = Below Detection Limit

NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-41

	Units	99829278	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/24/99	WSD	0.250		
Acrolein	mg/kg	ND	12/24/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/24/99	WSD	0.038		
Benzene	mg/kg	ND	12/24/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/24/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/24/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/24/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/24/99	WSD	0.006		
Bromoform	mg/kg	ND	12/24/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/24/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/24/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/24/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/24/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/24/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/24/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/24/99	WSD	0.048		
Chloroform	mg/kg	ND	12/24/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/24/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/24/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/24/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/24/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/24/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/24/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/24/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/24/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/24/99	WSD	0.005		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-41

	Units	99B29278	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/24/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/24/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/24/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/24/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/24/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/24/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/24/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/24/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/24/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/24/99	WSD	0.004		
MTBE	mg/kg	ND	12/24/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/24/99	WSD	0.075		
MIBK	mg/kg	ND	12/24/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/24/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
Styrene	mg/kg	ND	12/24/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/24/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/24/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/24/99	WSD	0.002		
Toluene	mg/kg	ND	12/24/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/24/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/24/99	WSD	0.004		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-41

	Units	99B29278	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/24/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/24/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/24/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/24/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/24/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/24/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/24/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/24/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/24/99	WSD	0.002		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-42

	Units	99829279	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-42

	Units	99B29279	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-42

	Units	99829279	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/16/99

0-2'

GP-43

	Units	99829280	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/16/99

D-2'

GP-43

	Units	99B29280	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

MDL = Method Detection Limit  
 ND = Not Detected  
 BDL = Below Detection Limit  
 NM = Not Measured

SPEC\_LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/16/99

0-2'

GP-43

	Units	99829280	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

MDL = Method Detection Limit  
 ND = Not Detected  
 BDL = Below Detection Limit  
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/17/99

0-2'

GP-44

	Units	99B29281	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/17/99

0-2'

GP-44

	Units	99B29231	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

MDL = Method Detection Limit  
 ND = Not Detected  
 BDL = Below Detection Limit  
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/17/99

0-2'

GP-44

	Units	99829281	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

MDL = Method Detection Limit  
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 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/17/99

0-2'

GP-45

	Units	99B29282	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-45

	Units	99829282	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-45

	Units	99B29282	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
CP-46

	Units	99829283	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.002		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/17/99

0-2'

GP-46

	Units	99629283	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-46

	Units	99829283	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/17/99

2-4'

GP-47

	Units	99B29284	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	0.993	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/17/99

2-4'

GP-47

	Units	99B29284	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	0.130	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

MDL = Method Detection Limit

ND = Not Detected

BDL = Below Detection Limit

NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
2-4'  
GP-47

	Units	99B29284	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/23/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

MDL = Method Detection Limit  
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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/17/99

0-2'

GP-48

	Units	99829285	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-48

	Units	99B29285	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-48

	Units	99B29285	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
2-4'  
GP-49

	Units	99B29286	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	0.571	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.043		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/17/99

2-4'

GP-49

	Units	99829286	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/17/99

2-4'

GP-49

	Units	99829286	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/17/99

0-2'

GP-50

	Units	99829287	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-50

	Units	99B29287	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

MDL = Method Detection Limit  
ND = Not Detected  
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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/17/99

0-2'

GP-50

	Units	99B29287	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-51

	Units	99B29288	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-51

	Units	99B29288	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.073		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-51

	Units	99629288	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/17/99

2-4'

GP-52

	Units	99829289	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	0.250	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/17/99

2-4'

GP-52

	Units	99829289	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
2-4'  
GP-52

	Units	99829289	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/17/99

0-2'

GP-53

	Units	99829290	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	mg/kg	ND	12/28/99	WSD	0.250		
Acrolein	mg/kg	ND	12/28/99	WSD	0.100		
Acrylonitrile	mg/kg	ND	12/28/99	WSD	0.038		
Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Bromobenzene	mg/kg	ND	12/28/99	WSD	0.002		
Bromochloromethane	mg/kg	ND	12/28/99	WSD	0.004		
Bromodichloromethane	mg/kg	ND	12/28/99	WSD	0.002		
Bromomethane	mg/kg	ND	12/28/99	WSD	0.006		
Bromoform	mg/kg	ND	12/28/99	WSD	0.006		
2-Butanone (MEK)	mg/kg	ND	12/28/99	WSD	0.060		
n-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
sec-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
tert-Butylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Carbon Disulfide	mg/kg	ND	12/28/99	WSD	0.015		
Carbon Tetrachloride	mg/kg	ND	12/28/99	WSD	0.002		
Chlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
Chlorodibromomethane	mg/kg	ND	12/28/99	WSD	0.002		
Chloroethane	mg/kg	ND	12/28/99	WSD	0.004		
2-Chloroethylvinylether	mg/kg	ND	12/28/99	WSD	0.048		
Chloroform	mg/kg	ND	12/28/99	WSD	0.004		
Chloromethane	mg/kg	ND	12/28/99	WSD	0.075		
2-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
4-Chlorotoluene	mg/kg	ND	12/28/99	WSD	0.003		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/28/99	WSD	0.008		
1,2-Dibromoethane	mg/kg	ND	12/28/99	WSD	0.004		
Dibromomethane	mg/kg	ND	12/28/99	WSD	0.006		
1,2-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.003		
1,4-Dichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.012		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/28/99	WSD	0.010		
Dichlorodifluoromethane	mg/kg	ND	12/28/99	WSD	0.005		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/17/99

0-2'

GP-53

	Units	99B29290	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.003		
cis-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,2-Dichloroethylene	mg/kg	ND	12/28/99	WSD	0.004		
1,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.003		
1,3-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.002		
2,2-Dichloropropane	mg/kg	ND	12/28/99	WSD	0.004		
1,1-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.007		
cis-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
trans-1,3-Dichloropropene	mg/kg	ND	12/28/99	WSD	0.002		
Ethyl Benzene	mg/kg	ND	12/28/99	WSD	0.003		
Ethyl Methacrylate	mg/kg	ND	12/28/99	WSD	0.004		
Hexachlorobutadiene	mg/kg	ND	12/28/99	WSD	0.006		
2-Hexanone	mg/kg	ND	12/28/99	WSD	0.048		
Iodomethane	mg/kg	ND	12/28/99	WSD	0.004		
Isopropylbenzene	mg/kg	ND	12/28/99	WSD	0.003		
p-Isopropyltoluene	mg/kg	ND	12/28/99	WSD	0.004		
MTBE	mg/kg	ND	12/28/99	WSD	0.004		
Methylene Chloride	mg/kg	ND	12/28/99	WSD	0.075		
MIBK	mg/kg	ND	12/28/99	WSD	0.044		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.005		
n-Propylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
Styrene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.002		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/28/99	WSD	0.007		
Tetrachloroethylene	mg/kg	ND	12/28/99	WSD	0.002		
Toluene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,2,4-Trichlorobenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,1,1-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		
1,1,2-Trichloroethane	mg/kg	ND	12/28/99	WSD	0.004		

MDL = Method Detection Limit

ND = Not Detected

BDL = Below Detection Limit

NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/17/99

0-2'

GP-53

	Units	99829290	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	mg/kg	ND	12/28/99	WSD	0.005		
Trichlorofluoromethane	mg/kg	ND	12/28/99	WSD	0.004		
1,2,3-Trichloropropane	mg/kg	ND	12/28/99	WSD	0.006		
1,2,4-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.004		
1,3,5-Trimethylbenzene	mg/kg	ND	12/28/99	WSD	0.005		
Vinyl Acetate	mg/kg	ND	12/28/99	WSD	0.082		
Vinyl Chloride	mg/kg	ND	12/28/99	WSD	0.002		
m-Xylene	mg/kg	ND	12/28/99	WSD	0.006		
o + p Xylene	mg/kg	ND	12/28/99	WSD	0.002		

Analytical Method(s):

SWB46 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

MDL = Method Detection Limit  
 ND = Not Detected  
 BDL = Below Detection Limit  
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
2-4'  
GP-22

	Units	99B29259	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	11.5	12/22/99	PM	5.00		
Barium	mg/kg	25.8	12/22/99	PM	0.10		
Cadmium	mg/kg	ND	12/22/99	PM	0.05		
Chromium	mg/kg	12.6	12/22/99	PM	0.35		
Lead	mg/kg	8.44	12/22/99	PM	2.50		
Mercury	mg/kg	0.026	12/29/99	APP	0.009		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

Sampled: 12/15/99  
0-2'  
GP-23

	Units	99B29260	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	9.86	12/22/99	PM	5.00		
Barium	mg/kg	38.7	12/22/99	PM	0.10		
Cadmium	mg/kg	0.34	12/22/99	PM	0.05		
Chromium	mg/kg	12.6	12/22/99	PM	0.35		
Lead	mg/kg	66.0	12/22/99	PM	2.50		
Mercury	mg/kg	0.039	12/29/99	APP	0.008		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

MDL = Method Detection Limit  
ND = Not Detected  
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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.





Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
4-8'  
GP-24

	Units	99829261	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	mg/kg	ND	12/22/99	PM	5.00		
Barium	mg/kg	10.1	12/22/99	PM	0.10		
Cadmium	mg/kg	0.10	12/22/99	PM	0.05		
Chromium	mg/kg	9.70	12/22/99	PM	0.35		
Lead	mg/kg	4.66	12/22/99	PM	2.50		
Mercury	mg/kg	0.018	12/29/99	APP	0.009		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

Sampled: 12/15/99  
0-2'  
GP-25

	Units	99829262	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	mg/kg	8.99	12/22/99	PM	5.00		
Barium	mg/kg	16.5	12/22/99	PM	0.10		
Cadmium	mg/kg	0.04	12/22/99	PM	0.05		
Chromium	mg/kg	20.7	12/22/99	PM	0.35		
Lead	mg/kg	7.80	12/22/99	PM	2.50		
Mercury	mg/kg	0.043	12/29/99	APP	0.008		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
2-4'  
GP-26

	Units	99B29263	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	BDL	12/22/99	PM	5.00		
Barium	mg/kg	10.1	12/22/99	PM	0.10		
Cadmium	mg/kg	0.08	12/22/99	PM	0.05		
Chromium	mg/kg	7.28	12/22/99	PM	0.35		
Lead	mg/kg	6.49	12/22/99	PM	2.50		
Mercury	mg/kg	ND	12/29/99	APP	0.011		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

Sampled: 12/15/99  
0-2'  
GP-27

	Units	99B29264	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	7.86	12/22/99	PM	5.00		
Barium	mg/kg	31.8	12/22/99	PM	0.10		
Cadmium	mg/kg	0.29	12/22/99	PM	0.05		
Chromium	mg/kg	10.8	12/22/99	PM	0.35		
Lead	mg/kg	149	12/22/99	PM	2.50		
Mercury	mg/kg	0.018	12/29/99	APP	0.009		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

MDL = Method Detection Limit  
ND = Not Detected  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-28

	Units	99B29265	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	7.39	12/22/99	PM	5.00		
Barium	mg/kg	15.8	12/22/99	PM	0.10		
Cadmium	mg/kg	0.10	12/22/99	PM	0.05		
Chromium	mg/kg	11.6	12/22/99	PM	0.35		
Lead	mg/kg	47.8	12/22/99	PM	2.50		
Mercury	mg/kg	0.020	12/29/99	APP	0.008		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

Sampled: 12/15/99  
4-8'  
GP-29

	Units	99B29266	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	11.4	12/22/99	PM	5.00		
Barium	mg/kg	18.3	12/22/99	PM	0.10		
Cadmium	mg/kg	ND	12/22/99	PM	0.05		
Chromium	mg/kg	12.5	12/22/99	PM	0.35		
Lead	mg/kg	8.64	12/22/99	PM	2.50		
Mercury	mg/kg	0.022	12/29/99	APP	0.011		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

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ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-30

	Units	99B29267	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	7.23	12/22/99	PM	5.00		
Barium	mg/kg	34.6	12/22/99	PM	0.10		
Cadmium	mg/kg	0.45	12/22/99	PM	0.05		
Chromium	mg/kg	6.06	12/22/99	PM	0.35		
Lead	mg/kg	557	12/22/99	PM	2.50		
Mercury	mg/kg	0.072	12/29/99	APP	0.010		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

Sampled: 12/15/99  
0-2'  
GP-31

	Units	99B29268	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	BDL	12/22/99	PM	5.00		
Barium	mg/kg	30.4	12/22/99	PM	0.10		
Cadmium	mg/kg	0.28	12/22/99	PM	0.05		
Chromium	mg/kg	10.3	12/22/99	PM	0.35		
Lead	mg/kg	73.3	12/22/99	PM	2.50		
Mercury	mg/kg	0.019	12/29/99	APP	0.009		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-32

	Units	99829269	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	8.53	12/22/99	PM	5.00		
Barium	mg/kg	30.5	12/22/99	PM	0.10		
Cadmium	mg/kg	0.24	12/22/99	PM	0.05		
Chromium	mg/kg	7.64	12/22/99	PM	0.35		
Lead	mg/kg	111	12/22/99	PM	2.50		
Mercury	mg/kg	0.047	12/29/99	APP	0.011		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

Sampled: 12/16/99  
2-4'  
GP-33

	Units	99829270	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	9.75	12/22/99	PM	5.00		
Barium	mg/kg	31.2	12/22/99	PM	0.10		
Cadmium	mg/kg	0.19	12/22/99	PM	0.05		
Chromium	mg/kg	10.6	12/22/99	PM	0.35		
Lead	mg/kg	39.5	12/22/99	PM	2.50		
Mercury	mg/kg	0.033	12/29/99	APP	0.010		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-34

	Units	99829271	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	9.82	12/22/99	PM	5.00		
Barium	mg/kg	30.9	12/22/99	PM	0.10		
Cadmium	mg/kg	0.20	12/22/99	PM	0.05		
Chromium	mg/kg	10.9	12/22/99	PM	0.35		
Lead	mg/kg	40.2	12/22/99	PM	2.50		
Mercury	mg/kg	0.048	12/29/99	APP	0.010		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

Sampled: 12/16/99  
0-2'  
GP-35

	Units	99829272	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	5.53	12/22/99	PM	5.00		
Barium	mg/kg	15.4	12/22/99	PM	0.10		
Cadmium	mg/kg	0.16	12/22/99	PM	0.05		
Chromium	mg/kg	12.1	12/22/99	PH	0.35		
Lead	mg/kg	23.5	12/22/99	PM	2.50		
Mercury	mg/kg	ND	12/29/99	APP	0.010		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
2-4'  
GP-36

	Units	99B29273	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	6.40	12/22/99	PM	5.00		
Barium	mg/kg	8.24	12/22/99	PM	0.10		
Cadmium	mg/kg	0.08	12/22/99	PM	0.05		
Chromium	mg/kg	11.0	12/22/99	PM	0.35		
Lead	mg/kg	6.04	12/22/99	PM	2.50		
Mercury	mg/kg	BDL	12/29/99	APP	0.008		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

Sampled: 12/16/99  
4-8'  
GP-37

	Units	99B29274	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	10.9	12/22/99	PM	5.00		
Barium	mg/kg	26.8	12/22/99	PM	0.10		
Cadmium	mg/kg	0.07	12/22/99	PM	0.05		
Chromium	mg/kg	11.2	12/22/99	PM	0.35		
Lead	mg/kg	10.8	12/22/99	PM	2.50		
Mercury	mg/kg	0.029	12/29/99	APP	0.010		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

MDL = Method Detection Limit  
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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-38

	Units	99B29275	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	7.63	12/22/99	PM	5.00		
Barium	mg/kg	41.6	12/22/99	PM	0.10		
Cadmium	mg/kg	0.63	12/22/99	PM	0.05		
Chromium	mg/kg	12.8	12/22/99	PM	0.35		
Lead	mg/kg	322	12/22/99	PM	2.50		
Mercury	mg/kg	0.042	12/29/99	APP	0.010		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

Sampled: 12/16/99  
0-2'  
GP-39

	Units	99B29276	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	9.36	12/22/99	PM	5.00		
Barium	mg/kg	33.5	12/22/99	PM	0.10		
Cadmium	mg/kg	0.17	12/22/99	PM	0.05		
Chromium	mg/kg	15.6	12/22/99	PM	0.35		
Lead	mg/kg	23.4	12/22/99	PH	2.50		
Mercury	mg/kg	0.021	12/29/99	APP	0.011		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

MDL = Method Detection Limit  
ND = Not Detected  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-40

	Units	99829277	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	12.0	12/22/99	PM	5.00		
Barium	mg/kg	40.2	12/22/99	PM	0.10		
Cadmium	mg/kg	ND	12/22/99	PM	0.05		
Chromium	mg/kg	15.2	12/22/99	PM	0.35		
Lead	mg/kg	16.6	12/22/99	PM	2.50		
Mercury	mg/kg	0.025	12/29/99	APP	0.008		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

Sampled: 12/16/99  
0-2'  
GP-41

	Units	99829278	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	11.2	12/22/99	PM	5.00		
Barium	mg/kg	34.3	12/22/99	PM	0.10		
Cadmium	mg/kg	0.21	12/22/99	PM	0.05		
Chromium	mg/kg	12.4	12/22/99	PM	0.35		
Lead	mg/kg	52.2	12/22/99	PM	2.50		
Mercury	mg/kg	0.027	12/29/99	APP	0.011		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-42

	Units	99829279	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	11.2	12/22/99	PM	5.00		
Barium	mg/kg	29.2	12/22/99	PM	0.10		
Cadmium	mg/kg	0.13	12/22/99	PM	0.05		
Chromium	mg/kg	19.4	12/22/99	PM	0.35		
Lead	mg/kg	53.0	12/22/99	PM	2.50		
Mercury	mg/kg	0.038	12/29/99	APP	0.010		
Selenium	mg/kg	BDL	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

Sampled: 12/16/99  
0-2'  
GP-43

	Units	99829280	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	12.1	12/22/99	PM	5.00		
Barium	mg/kg	27.5	12/22/99	PM	0.10		
Cadmium	mg/kg	0.19	12/22/99	PM	0.05		
Chromium	mg/kg	12.1	12/22/99	PM	0.35		
Lead	mg/kg	47.2	12/22/99	PM	2.50		
Mercury	mg/kg	0.021	12/29/99	APP	0.008		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-44

	Units	99B29281	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----							
Arsenic	mg/kg	9.86	12/22/99	PM	5.00		
Barium	mg/kg	31.1	12/22/99	PM	0.10		
Cadmium	mg/kg	0.08	12/22/99	PM	0.05		
Chromium	mg/kg	9.84	12/22/99	PM	0.35		
Lead	mg/kg	9.52	12/22/99	PM	2.50		
Mercury	mg/kg	0.048	12/29/99	APP	0.009		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

Sampled: 12/17/99  
0-2'  
GP-45

	Units	99B29282	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----							
Arsenic	mg/kg	9.80	12/22/99	PM	5.00		
Barium	mg/kg	20.2	12/22/99	PM	0.10		
Cadmium	mg/kg	0.08	12/22/99	PM	0.05		
Chromium	mg/kg	19.3	12/22/99	PM	0.35		
Lead	mg/kg	10.4	12/23/99	PM	2.50		
Mercury	mg/kg	BDL	12/29/99	APP	0.011		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-46

	Units	99B29283	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	11.8	12/22/99	PM	5.00		
Barium	mg/kg	24.1	12/22/99	PM	0.10		
Cadmium	mg/kg	0.27	12/22/99	PM	0.05		
Chromium	mg/kg	14.7	12/22/99	PM	0.35		
Lead	mg/kg	102	12/23/99	PM	2.50		
Mercury	mg/kg	0.032	12/29/99	APP	0.009		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

Sampled: 12/17/99  
2-4'  
GP-47

	Units	99B29284	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	14.4	12/22/99	PM	5.00		
Barium	mg/kg	43.5	12/22/99	PM	0.10		
Cadmium	mg/kg	0.04	12/22/99	PM	0.05		
Chromium	mg/kg	24.2	12/22/99	PM	0.35		
Lead	mg/kg	20.6	12/23/99	PM	2.50		
Mercury	mg/kg	0.033	12/29/99	APP	0.011		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-48

	Units	99B29285	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	5.30	12/22/99	PM	5.00		
Barium	mg/kg	36.2	12/22/99	PM	0.10		
Cadmium	mg/kg	0.31	12/22/99	PM	0.05		
Chromium	mg/kg	16.3	12/22/99	PM	0.35		
Lead	mg/kg	149	12/23/99	PM	2.50		
Mercury	mg/kg	0.041	12/29/99	APP	0.010		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

Sampled: 12/17/99  
2-4'  
GP-49

	Units	99B29286	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	6.20	12/22/99	PM	5.00		
Barium	mg/kg	11.8	12/22/99	PM	0.10		
Cadmium	mg/kg	0.06	12/22/99	PM	0.05		
Chromium	mg/kg	12.5	12/22/99	PM	0.35		
Lead	mg/kg	6.34	12/23/99	PM	2.50		
Mercury	mg/kg	BDL	12/29/99	APP	0.008		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

MDL = Method Detection Limit  
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BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-50

	Units	99B29287	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	12.2	12/22/99	PM	5.00		
Barium	mg/kg	26.8	12/22/99	PM	0.10		
Cadmium	mg/kg	0.15	12/22/99	PM	0.05		
Chromium	mg/kg	13.0	12/22/99	PM	0.35		
Lead	mg/kg	36.0	12/23/99	PM	2.50		
Mercury	mg/kg	0.044	12/29/99	APP	0.009		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

Sampled: 12/17/99  
0-2'  
GP-51

	Units	99B29288	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	8.72	12/22/99	PM	5.00		
Barium	mg/kg	20.5	12/22/99	PM	0.10		
Cadmium	mg/kg	0.12	12/22/99	PM	0.05		
Chromium	mg/kg	15.0	12/22/99	PM	0.35		
Lead	mg/kg	45.0	12/23/99	PM	2.50		
Mercury	mg/kg	0.020	12/29/99	APP	0.009		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
2-4'  
GP-52

	Units	99B29289	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	13.0	12/22/99	PM	5.00		
Barium	mg/kg	25.1	12/22/99	PM	0.10		
Cadmium	mg/kg	0.13	12/22/99	PM	0.05		
Chromium	mg/kg	11.6	12/22/99	PM	0.35		
Lead	mg/kg	40.5	12/23/99	PM	2.50		
Mercury	mg/kg	0.025	12/29/99	APP	0.011		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

Sampled: 12/17/99  
0-2'  
GP-53

	Units	99B29290	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/kg	15.2	12/22/99	PM	5.00		
Barium	mg/kg	32.6	12/22/99	PM	0.10		
Cadmium	mg/kg	0.23	12/22/99	PM	0.05		
Chromium	mg/kg	13.6	12/22/99	PM	0.35		
Lead	mg/kg	34.0	12/23/99	PM	2.50		
Mercury	mg/kg	0.043	12/29/99	APP	0.009		
Selenium	mg/kg	ND	12/22/99	PM	5.00		
Silver	mg/kg	ND	12/22/99	PM	0.50		

Analytical Method(s):

Arsenic  
SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY

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INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Barium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Cadmium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Chromium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Lead

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Mercury

SW846 3050/7471

SAMPLES ARE DIGESTED WITH ACIDS AND THEN ANALYZED BY  
COLD VAPOR (FLAMELESS) ATOMIC ABSORPTION SPECTROPHOTOMETRY

Selenium

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SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Silver

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or  
regulatory level for comparison with data to  
determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
2-4'  
GP-22

	Units	99B29259	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	0.33		
Anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	ND	12/28/99	WSD	0.67		
Benzo(a)pyrene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(b)fluoranthene	mg/kg	ND	12/28/99	WSD	1.00		
Benzo(g,h,i)perylene	mg/kg	ND	12/28/99	WSD	0.67		
Benzo(k)fluoranthene	mg/kg	ND	12/28/99	WSD	0.67		
Chrysene	mg/kg	ND	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/28/99	WSD	1.00		
Pyrene	mg/kg	ND	12/28/99	WSD			

Sampled: 12/15/99  
0-2'  
GP-23

	Units	99B29260	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	0.37	12/28/99	WSD	0.33		
Anthracene	mg/kg	BDL	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	0.47	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	0.69	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	0.83	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/28/99	WSD	1.00		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-23

	Units	99B29260	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Benzo(k)fluoranthene	mg/kg	BDL	12/28/99	WSD	0.67		
Chrysene	mg/kg	0.86	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	1.07	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	0.51	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	0.46	12/28/99	WSD	0.33		
Pyrene	mg/kg	1.05	12/28/99	WSD	1.00		

Sampled: 12/15/99  
4-8'  
GP-24

	Units	99B29261	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	0.33		
Anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	ND	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/28/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	ND	12/28/99	WSD	0.67		
Chrysene	mg/kg	ND	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/15/99

4-8'

GP-24

	Units	99829261	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/28/99	WSD	0.33		
Pyrene	mg/kg	ND	12/28/99	WSD	1.00		

Sampled: 12/15/99

0-2'

GP-25

	Units	99829262	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	0.33		
Anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	ND	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/28/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	ND	12/28/99	WSD	0.67		
Chrysene	mg/kg	ND	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/28/99	WSD	0.33		
Pyrene	mg/kg	ND	12/28/99	WSD	1.00		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
2-4'  
GP-26

	Units	99B29263	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	0.33		
Anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	ND	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/28/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	ND	12/28/99	WSD	0.67		
Chrysene	mg/kg	ND	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/28/99	WSD	0.33		
Pyrene	mg/kg	ND	12/28/99	WSD	1.00		

Sampled: 12/15/99  
0-2'  
GP-27

	Units	99B29264	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	<10.0	12/28/99	WSD	0.33		
Anthracene	mg/kg	BDL	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	0.92	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	1.20	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	1.30	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/28/99	WSD	1.00		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-27

	Units	99829264	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Benzo(k)fluoranthene	mg/kg	1.04	12/28/99	WSD	0.67		
Chrysene	mg/kg	1.40	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	BDL	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	1.87	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	0.81	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	0.82	12/28/99	WSD	0.33		
Pyrene	mg/kg	1.82	12/28/99	WSD	1.00		

Sampled: 12/15/99

GP-28

	Units	99829265	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	0.33		
Anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	ND	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/28/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	ND	12/28/99	WSD	0.67		
Chrysene	mg/kg	ND	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-28

	Units	99B29265	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/28/99	WSD	0.33		
Pyrene	mg/kg	ND	12/28/99	WSD	1.00		

Sampled: 12/15/99  
4-8'  
GP-29

	Units	99B29266	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	0.33		
Anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	0.34	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	0.67	12/28/99	WSD	0.33		
Benzo(b)fluoranthene	mg/kg	0.54	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/28/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	BDL	12/28/99	WSD	0.67		
Chrysene	mg/kg	BDL	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	0.76	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	0.33	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	BDL	12/28/99	WSD	0.33		
Pyrene	mg/kg	BDL	12/28/99	WSD	1.00		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-30

	Units	99B29267	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	1.67		
Acenaphthylene	mg/kg	2.22	12/28/99	WSD	1.67		
Anthracene	mg/kg	BDL	12/28/99	WSD	1.67		
Benzo(a)anthracene	mg/kg	5.47	12/28/99	WSD	1.67		
Benzo(a)pyrene	mg/kg	6.52	12/28/99	WSD	3.33		
Benzo(b)fluoranthene	mg/kg	8.48	12/28/99	WSD	1.67		
Benzo(g,h,i)perylene	mg/kg	BDL	12/28/99	WSD	5.00		
Benzo(k)fluoranthene	mg/kg	4.32	12/28/99	WSD	3.33		
Chrysene	mg/kg	8.08	12/28/99	WSD	3.33		
Dibenz(a,h)anthracene	mg/kg	BDL	12/28/99	WSD	3.33		
Fluoranthene	mg/kg	11.7	12/28/99	WSD	1.67		
Fluorene	mg/kg	ND	12/28/99	WSD	1.67		
Indeno(1,2,3-cd)pyrene	mg/kg	5.09	12/28/99	WSD	1.67		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	1.67		
Naphthalene	mg/kg	ND	12/28/99	WSD	1.67		
Phenanthrene	mg/kg	6.37	12/28/99	WSD	1.67		
Pyrene	mg/kg	10.5	12/28/99	WSD	5.00		

Sampled: 12/15/99  
0-2'  
GP-31

	Units	99B29268	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	0.33		
Anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	0.60	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	0.73	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	0.83	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/28/99	WSD	1.00		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-31

	Units	99B29268	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Benzo(k)fluoranthene	mg/kg	0.75	12/28/99	WSD	0.67		
Chrysene	mg/kg	0.92	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	1.40	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	0.55	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	0.67	12/28/99	WSD	0.33		
Pyrene	mg/kg	1.21	12/28/99	WSD	1.00		

Sampled: 12/15/99  
0-2'  
GP-32

	Units	99B29269	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	1.67		
Acenaphthylene	mg/kg	BDL	12/28/99	WSD	1.67		
Anthracene	mg/kg	ND	12/28/99	WSD	1.67		
Benzo(a)anthracene	mg/kg	2.93	12/28/99	WSD	1.67		
Benzo(a)pyrene	mg/kg	BDL	12/28/99	WSD	3.33		
Benzo(b)fluoranthene	mg/kg	3.04	12/28/99	WSD	1.67		
Benzo(g,h,i)perylene	mg/kg	BDL	12/28/99	WSD	5.00		
Benzo(k)fluoranthene	mg/kg	BDL	12/28/99	WSD	3.33		
Chrysene	mg/kg	4.50	12/28/99	WSD	3.33		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	3.33		
Fluoranthene	mg/kg	6.76	12/28/99	WSD	1.67		
Fluorene	mg/kg	ND	12/28/99	WSD	1.67		
Indeno(1,2,3-cd)pyrene	mg/kg	1.87	12/28/99	WSD	1.67		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	1.67		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-32

	Units	99829269	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Naphthalene	mg/kg	ND	12/28/99	WSD	1.67		
Phenanthrene	mg/kg	3.50	12/28/99	WSD	1.67		
Pyrene	mg/kg	6.00	12/28/99	WSD	5.00		

Sampled: 12/16/99  
2-4'  
GP-33

	Units	99829270	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	BDL	12/28/99	WSD	0.33		
Anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	0.42	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	BDL	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	0.70	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/28/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	BDL	12/28/99	WSD	0.67		
Chrysene	mg/kg	BDL	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	0.70	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	0.36	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	BDL	12/28/99	WSD	0.33		
Pyrene	mg/kg	BDL	12/28/99	WSD	1.00		

MDL = Method Detection Limit  
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BDL = Below Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-34

	Units	99B29271	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	BDL	12/28/99	WSD	0.33		
Anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	0.46	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	BDL	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	0.59	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/28/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	BDL	12/28/99	WSD	0.67		
Chrysene	mg/kg	BDL	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	0.96	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	0.34	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	0.49	12/28/99	WSD	0.33		
Pyrene	mg/kg	ND	12/28/99	WSD	1.00		

Sampled: 12/16/99  
0-2'  
GP-35

	Units	99B29272	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	0.33		
Anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	BDL	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	BDL	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	0.43	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/28/99	WSD	1.00		

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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-35

	Units	99829272	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Benzo(k)fluoranthene	mg/kg	BDL	12/28/99	WSD	0.67		
Chrysene	mg/kg	BDL	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	0.48	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	0.34	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/28/99	WSD	0.33		
Pyrene	mg/kg	BDL	12/28/99	WSD	1.00		

Sampled: 12/16/99  
2-4'  
GP-36

	Units	99829273	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	0.33		
Anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	ND	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/28/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	ND	12/28/99	WSD	0.67		
Chrysene	mg/kg	ND	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		

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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
2-4'  
GP-36

	Units	99B29273	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/28/99	WSD	0.33		
Pyrene	mg/kg	ND	12/28/99	WSD	1.00		

Sampled: 12/16/99  
4-8'  
GP-37

	Units	99B29274	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	0.33		
Anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	ND	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/28/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	ND	12/28/99	WSD	0.67		
Chrysene	mg/kg	ND	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/28/99	WSD	0.33		
Pyrene	mg/kg	ND	12/28/99	WSD	1.00		

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ND = Not Detected  
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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-38

	Units	99B29275	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	1.67		
Acenaphthylene	mg/kg	2.69	12/28/99	WSD	1.67		
Anthracene	mg/kg	BDL	12/28/99	WSD	1.67		
Benzo(a)anthracene	mg/kg	4.83	12/28/99	WSD	1.67		
Benzo(a)pyrene	mg/kg	5.91	12/28/99	WSD	3.33		
Benzo(b)fluoranthene	mg/kg	6.77	12/28/99	WSD	1.67		
Benzo(g,h,i)perylene	mg/kg	BDL	12/28/99	WSD	5.00		
Benzo(k)fluoranthene	mg/kg	3.60	12/28/99	WSD	3.33		
Chrysene	mg/kg	6.90	12/28/99	WSD	3.33		
Dibenz(a,h)anthracene	mg/kg	BDL	12/28/99	WSD	3.33		
Fluoranthene	mg/kg	8.75	12/28/99	WSD	1.67		
Fluorene	mg/kg	ND	12/28/99	WSD	1.67		
Indeno(1,2,3-cd)pyrene	mg/kg	4.27	12/28/99	WSD	1.67		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	1.67		
Naphthalene	mg/kg	ND	12/28/99	WSD	1.67		
Phenanthrene	mg/kg	4.98	12/28/99	WSD	1.67		
Pyrene	mg/kg	9.41	12/28/99	WSD	5.00		

Sampled: 12/16/99  
0-2'  
GP-39

	Units	99B29276	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	1.67		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	1.67		
Anthracene	mg/kg	ND	12/28/99	WSD	1.67		
Benzo(a)anthracene	mg/kg	ND	12/28/99	WSD	1.67		
Benzo(a)pyrene	mg/kg	BDL	12/28/99	WSD	3.33		
Benzo(b)fluoranthene	mg/kg	BDL	12/28/99	WSD	1.67		
Benzo(g,h,i)perylene	mg/kg	ND	12/28/99	WSD	5.00		

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ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-39

	Units	99B29276	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Benzo(k)fluoranthene	mg/kg	ND	12/28/99	WSD	3.33		
Chrysene	mg/kg	BDL	12/28/99	WSD	3.33		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	3.33		
Fluoranthene	mg/kg	BDL	12/28/99	WSD	1.67		
Fluorene	mg/kg	ND	12/28/99	WSD	1.67		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/28/99	WSD	1.67		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	1.67		
Naphthalene	mg/kg	ND	12/28/99	WSD	1.67		
Phenanthrene	mg/kg	ND	12/28/99	WSD	1.67		
Pyrene	mg/kg	BDL	12/28/99	WSD	5.00		

Sampled: 12/16/99  
0-2'  
GP-40

	Units	99B29277	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/28/99	WSD	0.33		
Anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	ND	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	ND	12/28/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	ND	12/28/99	WSD	0.67		
Chrysene	mg/kg	ND	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	ND	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		

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ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-40

	Units	99829277	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/28/99	WSD	0.33		
Pyrene	mg/kg	ND	12/28/99	WSD	1.00		

Sampled: 12/16/99  
0-2'  
GP-41

	Units	99829278	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/28/99	WSD	0.33		
Acenaphthylene	mg/kg	BDL	12/28/99	WSD	0.33		
Anthracene	mg/kg	BDL	12/28/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	1.10	12/28/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	1.16	12/28/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	1.29	12/28/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/28/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	0.82	12/28/99	WSD	0.67		
Chrysene	mg/kg	1.39	12/28/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	BDL	12/28/99	WSD	0.67		
Fluoranthene	mg/kg	2.10	12/28/99	WSD	0.33		
Fluorene	mg/kg	ND	12/28/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	0.73	12/28/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/28/99	WSD	0.33		
Phenanthrene	mg/kg	0.88	12/28/99	WSD	0.33		
Pyrene	mg/kg	2.04	12/28/99	WSD	1.00		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-42

	Units	99829279	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/29/99	WSD	0.33		
Acenaphthylene	mg/kg	BDL	12/29/99	WSD	0.33		
Anthracene	mg/kg	0.36	12/29/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	1.22	12/29/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	1.36	12/29/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	1.50	12/29/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/29/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	1.01	12/29/99	WSD	0.67		
Chrysene	mg/kg	1.55	12/29/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	BDL	12/29/99	WSD	0.67		
Fluoranthene	mg/kg	2.44	12/29/99	WSD	0.33		
Fluorene	mg/kg	ND	12/29/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	0.90	12/29/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/29/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/29/99	WSD	0.33		
Phenanthrene	mg/kg	1.38	12/29/99	WSD	0.33		
Pyrene	mg/kg	2.38	12/29/99	WSD	1.00		

Sampled: 12/16/99  
0-2'  
GP-43

	Units	99829280	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/29/99	WSD	0.33		
Acenaphthylene	mg/kg	BDL	12/29/99	WSD	0.33		
Anthracene	mg/kg	ND	12/29/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	0.61	12/29/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	0.69	12/29/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	0.83	12/29/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/29/99	WSD	1.00		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-43

	Units	99B29280	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Benzo(k)fluoranthene	mg/kg	BDL	12/29/99	WSD	0.67		
Chrysene	mg/kg	0.95	12/29/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/29/99	WSD	0.67		
Fluoranthene	mg/kg	1.51	12/29/99	WSD	0.33		
Fluorene	mg/kg	ND	12/29/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	0.49	12/29/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/29/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/29/99	WSD	0.33		
Phenanthrene	mg/kg	1.11	12/29/99	WSD	0.33		
Pyrene	mg/kg	1.48	12/29/99	WSD	1.00		

Sampled: 12/17/99  
0-2'  
GP-44

	Units	99B29281	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/29/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/29/99	WSD	0.33		
Anthracene	mg/kg	BDL	12/29/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	0.53	12/29/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	BDL	12/29/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	0.70	12/29/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/29/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	BDL	12/29/99	WSD	0.67		
Chrysene	mg/kg	0.76	12/29/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/29/99	WSD	0.67		
Fluoranthene	mg/kg	1.28	12/29/99	WSD	0.33		
Fluorene	mg/kg	ND	12/29/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	0.42	12/29/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/29/99	WSD	0.33		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-44

	Units	99B29281	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Naphthalene	mg/kg	ND	12/29/99	WSD	0.33		
Phenanthrene	mg/kg	0.73	12/29/99	WSD	0.33		
Pyrene	mg/kg	1.10	12/29/99	WSD	1.00		

Sampled: 12/17/99  
0-2'  
GP-45

	Units	99B29282	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/29/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/29/99	WSD	0.33		
Anthracene	mg/kg	ND	12/29/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	ND	12/29/99	WSD	0.67		
Benzo(a)pyrene	mg/kg	ND	12/29/99	WSD	0.33		
Benzo(b)fluoranthene	mg/kg	ND	12/29/99	WSD	1.00		
Benzo(g,h,i)perylene	mg/kg	ND	12/29/99	WSD	0.67		
Benzo(k)fluoranthene	mg/kg	ND	12/29/99	WSD	0.67		
Chrysene	mg/kg	ND	12/29/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/29/99	WSD	0.33		
Fluoranthene	mg/kg	ND	12/29/99	WSD	0.33		
Fluorene	mg/kg	ND	12/29/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/29/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/29/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/29/99	WSD	0.33		
Phenanthrene	mg/kg	ND	12/29/99	WSD	1.00		
Pyrene	mg/kg	ND	12/29/99	WSD	1.00		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-46

	Units	99B29283	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Acenaphthene	mg/kg	ND	12/29/99	WSD	0.67		
Acenaphthylene	mg/kg	BDL	12/29/99	WSD	0.67		
Anthracene	mg/kg	BDL	12/29/99	WSD	0.67		
Benzo(a)anthracene	mg/kg	1.51	12/29/99	WSD	0.67		
Benzo(a)pyrene	mg/kg	1.90	12/29/99	WSD	1.33		
Benzo(b)fluoranthene	mg/kg	2.39	12/29/99	WSD	0.67		
Benzo(g,h,i)perylene	mg/kg	BDL	12/29/99	WSD	2.00		
Benzo(k)fluoranthene	mg/kg	1.97	12/29/99	WSD	1.33		
Chrysene	mg/kg	2.34	12/29/99	WSD	1.33		
Dibenz(a,h)anthracene	mg/kg	BDL	12/29/99	WSD	1.33		
Fluoranthene	mg/kg	3.42	12/29/99	WSD	0.67		
Fluorene	mg/kg	ND	12/29/99	WSD	0.67		
Indeno(1,2,3-cd)pyrene	mg/kg	1.52	12/29/99	WSD	0.67		
2-Methylnaphthalene	mg/kg	ND	12/29/99	WSD	0.67		
Naphthalene	mg/kg	ND	12/29/99	WSD	0.67		
Phenanthrene	mg/kg	1.60	12/29/99	WSD	0.67		
Pyrene	mg/kg	5.29	12/29/99	WSD	2.00		

Sampled: 12/17/99  
2-4'  
GP-47

	Units	99B29284	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Acenaphthene	mg/kg	ND	12/29/99	WSD	3.33		
Acenaphthylene	mg/kg	3.43	12/29/99	WSD	3.33		
Anthracene	mg/kg	4.80	12/29/99	WSD	3.33		
Benzo(a)anthracene	mg/kg	13.4	12/29/99	WSD	3.33		
Benzo(a)pyrene	mg/kg	11.4	12/29/99	WSD	6.67		
Benzo(b)fluoranthene	mg/kg	14.4	12/29/99	WSD	3.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/29/99	WSD	10.0		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
2-4'  
GP-47

	Units	99B29284	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Benzo(k)fluoranthene	mg/kg	14.4	12/29/99	WSD	6.67		
Chrysene	mg/kg	16.4	12/29/99	WSD	6.67		
Dibenz(a,h)anthracene	mg/kg	BDL	12/29/99	WSD	6.67		
Fluoranthene	mg/kg	27.8	12/29/99	WSD	3.33		
Fluorene	mg/kg	ND	12/29/99	WSD	3.33		
Indeno(1,2,3-cd)pyrene	mg/kg	6.44	12/29/99	WSD	3.33		
2-Methylnaphthalene	mg/kg	ND	12/29/99	WSD	3.33		
Naphthalene	mg/kg	ND	12/29/99	WSD	3.33		
Phenanthrene	mg/kg	15.8	12/29/99	WSD	3.33		
Pyrene	mg/kg	24.4	12/29/99	WSD	10.0		

Sampled: 12/17/99  
0-2'  
GP-48

	Units	99B29285	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/29/99	WSD	0.33		
Acenaphthylene	mg/kg	BDL	12/29/99	WSD	0.33		
Anthracene	mg/kg	BDL	12/29/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	1.23	12/29/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	1.40	12/29/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	1.71	12/29/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/29/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	1.38	12/29/99	WSD	0.67		
Chrysene	mg/kg	1.74	12/29/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	BDL	12/29/99	WSD	0.67		
Fluoranthene	mg/kg	2.15	12/29/99	WSD	0.33		
Fluorene	mg/kg	ND	12/29/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	0.95	12/29/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/29/99	WSD	0.33		

MDL = Method Detection Limit  
ND = Not Detected  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

01/04/00

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/17/99

0-2'

GP-48

	Units	99B29285	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Naphthalene	mg/kg	ND	12/29/99	WSD	0.33		
Phenanthrene	mg/kg	0.87	12/29/99	WSD	0.33		
Pyrene	mg/kg	2.04	12/29/99	WSD	1.00		

Sampled: 12/17/99

2-4'

GP-49

	Units	99B29286	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/29/99	WSD	0.67		
Acenaphthylene	mg/kg	ND	12/29/99	WSD	0.67		
Anthracene	mg/kg	ND	12/29/99	WSD	0.67		
Benzo(a)anthracene	mg/kg	ND	12/29/99	WSD	0.67		
Benzo(a)pyrene	mg/kg	ND	12/29/99	WSD	1.33		
Benzo(b)fluoranthene	mg/kg	ND	12/29/99	WSD	0.67		
Benzo(g,h,i)perylene	mg/kg	ND	12/29/99	WSD	2.00		
Benzo(k)fluoranthene	mg/kg	ND	12/29/99	WSD	1.33		
Chrysene	mg/kg	ND	12/29/99	WSD	1.33		
Dibenz(a,h)anthracene	mg/kg	ND	12/29/99	WSD	0.67		
Fluoranthene	mg/kg	ND	12/29/99	WSD	0.67		
Fluorene	mg/kg	ND	12/29/99	WSD	0.67		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	12/29/99	WSD	0.67		
2-Methylnaphthalene	mg/kg	ND	12/29/99	WSD	0.67		
Naphthalene	mg/kg	ND	12/29/99	WSD	0.67		
Phenanthrene	mg/kg	ND	12/29/99	WSD	0.67		
Pyrene	mg/kg	ND	12/29/99	WSD	2.00		

MDL = Method Detection Limit

ND = Not Detected

BDL = Below Detection Limit

NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-50

	Units	99B29287	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Acenaphthene	mg/kg	ND	12/29/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/29/99	WSD	0.33		
Anthracene	mg/kg	ND	12/29/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	BDL	12/29/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	BDL	12/29/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	0.41	12/29/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/29/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	BDL	12/29/99	WSD	0.67		
Chrysene	mg/kg	BDL	12/29/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/29/99	WSD	0.67		
Fluoranthene	mg/kg	0.71	12/29/99	WSD	0.33		
Fluorene	mg/kg	ND	12/29/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	BDL	12/29/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/29/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/29/99	WSD	0.33		
Phenanthrene	mg/kg	BDL	12/29/99	WSD	0.33		
Pyrene	mg/kg	BDL	12/29/99	WSD	1.00		

Sampled: 12/17/99  
0-2'  
GP-51

	Units	99B29288	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Acenaphthene	mg/kg	ND	12/29/99	WSD	0.33		
Acenaphthylene	mg/kg	ND	12/29/99	WSD	0.33		
Anthracene	mg/kg	ND	12/29/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	0.47	12/29/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	BDL	12/29/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	0.62	12/29/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/29/99	WSD	1.00		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-51

	Units	99B29288	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Benzo(k)fluoranthene	mg/kg	BDL	12/29/99	WSD	0.67		
Chrysene	mg/kg	0.69	12/29/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	ND	12/29/99	WSD	0.67		
Fluoranthene	mg/kg	1.04	12/29/99	WSD	0.33		
Fluorene	mg/kg	ND	12/29/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	0.34	12/29/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/29/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/29/99	WSD	0.33		
Phenanthrene	mg/kg	0.60	12/29/99	WSD	0.33		
Pyrene	mg/kg	1.05	12/29/99	WSD	1.00		

Sampled: 12/17/99  
2-4'  
GP-52

	Units	99B29289	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Acenaphthene	mg/kg	ND	12/29/99	WSD	0.33		
Acenaphthylene	mg/kg	0.38	12/29/99	WSD	0.33		
Anthracene	mg/kg	BDL	12/29/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	1.07	12/29/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	1.22	12/29/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	1.41	12/29/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/29/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	1.41	12/29/99	WSD	0.67		
Chrysene	mg/kg	1.41	12/29/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	BDL	12/29/99	WSD	0.67		
Fluoranthene	mg/kg	1.94	12/29/99	WSD	0.33		
Fluorene	mg/kg	ND	12/29/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	0.71	12/29/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/29/99	WSD	0.33		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
2-4'  
GP-52

	Units	99B29289	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Naphthalene	mg/kg	ND	12/29/99	WSD	0.33		
Phenanthrene	mg/kg	1.06	12/29/99	WSD	0.33		
Pyrene	mg/kg	2.05	12/29/99	WSD	1.00		

Sampled: 12/17/99  
0-2'  
GP-53

	Units	99B29290	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	mg/kg	ND	12/29/99	WSD	0.33		
Acenaphthylene	mg/kg	BDL	12/29/99	WSD	0.33		
Anthracene	mg/kg	BDL	12/29/99	WSD	0.33		
Benzo(a)anthracene	mg/kg	0.77	12/29/99	WSD	0.33		
Benzo(a)pyrene	mg/kg	0.93	12/29/99	WSD	0.67		
Benzo(b)fluoranthene	mg/kg	1.03	12/29/99	WSD	0.33		
Benzo(g,h,i)perylene	mg/kg	BDL	12/29/99	WSD	1.00		
Benzo(k)fluoranthene	mg/kg	0.70	12/29/99	WSD	0.67		
Chrysene	mg/kg	1.09	12/29/99	WSD	0.67		
Dibenz(a,h)anthracene	mg/kg	BDL	12/29/99	WSD	0.67		
Fluoranthene	mg/kg	1.58	12/29/99	WSD	0.33		
Fluorene	mg/kg	ND	12/29/99	WSD	0.33		
Indeno(1,2,3-cd)pyrene	mg/kg	0.54	12/29/99	WSD	0.33		
2-Methylnaphthalene	mg/kg	ND	12/29/99	WSD	0.33		
Naphthalene	mg/kg	ND	12/29/99	WSD	0.33		
Phenanthrene	mg/kg	0.84	12/29/99	WSD	0.33		
Pyrene	mg/kg	1.56	12/29/99	WSD	1.00		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Analytical Method(s):

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND  
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or  
regulatory level for comparison with data to  
determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
2-4'  
GP-22

	Units	99B29227	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.04	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/15/99  
0-2'  
GP-23

	Units	99B29228	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.05	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	0.02	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
4-8'  
GP-24

	Units	99829229	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.02	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/15/99  
0-2'  
GP-25

	Units	99829230	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.04	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
2-4'  
GP-26

	Units	99B29231	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.02	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/15/99  
0-2'  
GP-27

	Units	99B29232	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.04	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	0.03	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-28

	Units	99B29233	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.02	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	0.02	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/15/99  
4-8'  
GP-29

	Units	99B29234	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.03	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-30

	Units	99829235	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.07	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	0.07	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/15/99  
0-2'  
GP-31

	Units	99829236	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.06	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	BDL	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-32

	Units	99829237	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	-----	-----	-----
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.08	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	0.02	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/16/99  
2-4'  
GP-33

	Units	99829238	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	-----	-----	-----
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.09	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-34

	Units	99829239	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.08	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/16/99  
0-2'  
GP-35

	Units	99829240	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.07	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	BDL	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

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BDL = Below Detection Limit  
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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
2-4'  
GP-36

	Units	99B29241	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	-----	-----	-----
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.02	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/16/99  
4-8'  
GP-37

	Units	99B29242	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	-----	-----	-----
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.03	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

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ND = Not Detected  
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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-38

	Units	99B29243	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.04	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	0.04	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/16/99  
0-2'  
GP-39

	Units	99B29244	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.04	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	BDL	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-40

	Units	99B29245	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.04	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/16/99  
0-2'  
GP-41

	Units	99B29246	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.05	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

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ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99  
0-2'  
GP-42

	Units	99829247	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.05	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	BDL	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/16/99  
0-2'  
GP-43

	Units	99829248	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.06	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-44

	Units	99B29249	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	-----	-----	-----
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.05	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/17/99  
0-2'  
GP-45

	Units	99B29250	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	-----	-----	-----
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.06	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-46

	Units	99829251	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.06	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	0.03	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/17/99  
2-4'  
GP-47

	Units	99829252	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.08	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-48

	Units	99829253	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.06	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	0.05	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/17/99  
2-4'  
GP-49

	Units	99829254	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.04	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-50

	Units	99B29255	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.06	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/17/99  
0-2'  
GP-51

	Units	99B29256	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.05	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
2-4'  
GP-52

	Units	99B29257	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.07	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	BDL	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Sampled: 12/17/99  
0-2'  
GP-53

	Units	99B29258	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	MG/L LEACHATE	ND	12/28/99	PM	0.02	5.00	P
Barium	MG/L LEACHATE	0.07	12/28/99	PM	0.01	100	P
Cadmium	MG/L LEACHATE	ND	12/28/99	PM	0.01	1.00	P
Chromium	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Lead	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P
Mercury	MG/L LEACHATE	ND	12/29/99	APP	0.00004	0.20	P
Selenium	MG/L LEACHATE	ND	12/28/99	PM	0.02	1.00	P
Silver	MG/L LEACHATE	ND	12/28/99	PM	0.01	5.00	P

Analytical Method(s):

SW846 1312/6010/7470

SW846 1312 SYNTHETIC PRECIPITATION LEACHING PROCEDURE (SPLP). SAMPLES ARE LEACHED FOR 16-20 HOURS IN THE APPROPRIATE LEACHING SOLUTION ACCORDING TO SPLP.

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

01/04/00

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SW846 6010 ALL METALS OTHER THAN MERCURY ARE ANALYZED BY INDUCTIVELY  
COUPLED PLASMA EMISSION SPECTROMETRY.

SW846 7470 MERCURY LEACHATE IS ANALYZED BY COLD VAPOR (FLAMELESS) ATOMIC  
ABSORPTION SPECTROPHOTOMETRY.

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or  
regulatory level for comparison with data to  
determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/15/99

2-4'

GP-22

	Units	99B29259	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	BDL	12/23/99	LL	19.2		

Sampled: 12/15/99

0-2'

GP-23

	Units	99B29260	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	200	12/23/99	LL	18.5		

Sampled: 12/15/99

4-8'

GP-24

	Units	99B29261	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	BDL	12/23/99	LL	18.2		

Sampled: 12/15/99

0-2'

GP-25

	Units	99B29262	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	BDL	12/23/99	LL	19.3		

MDL = Method Detection Limit  
 ND = Not Detected  
 BDL = Below Detection Limit  
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/15/99

2-4'

GP-26

	Units	99B29263	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	BDL	12/23/99	LL	18.2		

Sampled: 12/15/99

0-2'

GP-27

	Units	99B29264	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	67.2	12/23/99	LL	18.9		

Sampled: 12/15/99

0-2'

GP-28

	Units	99B29265	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	33.8	12/23/99	LL	19.0		

Sampled: 12/15/99

4-8'

GP-29

	Units	99B29266	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	BDL	12/23/99	LL	19.3		

MDL = Method Detection Limit  
 ND = Not Detected  
 BDL = Below Detection Limit  
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/15/99  
0-2'  
GP-30

	Units	99829267	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	390	12/23/99	LL	18.5		

Sampled: 12/15/99  
0-2'  
GP-31

	Units	99829268	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	88.2	12/23/99	LL	18.2		

Sampled: 12/15/99  
0-2'  
GP-32

	Units	99829269	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	254	12/23/99	LL	18.5		

Sampled: 12/16/99  
2-4'  
GP-33

	Units	99829270	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	364	12/23/99	LL	18.2		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/16/99

0-2'

GP-34

	Units	99829271	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Total Petroleum Hydrocarbons	mg/kg	219	12/23/99	LL	18.5		

Sampled: 12/16/99

0-2'

GP-35

	Units	99829272	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Total Petroleum Hydrocarbons	mg/kg	32.8	12/23/99	LL	19.0		

Sampled: 12/16/99

2-4'

GP-36

	Units	99829273	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Total Petroleum Hydrocarbons	mg/kg	BDL	12/23/99	LL	18.5		

Sampled: 12/16/99

4-8'

GP-37

	Units	99829274	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Total Petroleum Hydrocarbons	mg/kg	BDL	12/23/99	LL	18.8		

MDL = Method Detection Limit  
 ND = Not Detected  
 BDL = Below Detection Limit  
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: SOIL

Sampled: 12/16/99

0-2'

GP-38

	Units	99829275	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	-----	-----	-----
Total Petroleum Hydrocarbons	mg/kg	95.2	12/23/99	LL	18.2		

Sampled: 12/16/99

0-2'

GP-39

	Units	99829276	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	-----	-----	-----
Total Petroleum Hydrocarbons	mg/kg	246	12/23/99	LL	18.5		

Sampled: 12/16/99

0-2'

GP-40

	Units	99829277	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	-----	-----	-----
Total Petroleum Hydrocarbons	mg/kg	26.6	12/23/99	LL	18.5		

Sampled: 12/16/99

0-2'

GP-41

	Units	99829278	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	-----	-----	-----
Total Petroleum Hydrocarbons	mg/kg	21.4	12/23/99	LL	18.6		

MDL = Method Detection Limit  
 ND = Not Detected  
 BDL = Below Detection Limit  
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/16/99

0-2'

GP-42

	Units	99B29279	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	40.9	12/23/99	LL	18.4		

Sampled: 12/16/99

0-2'

GP-43

	Units	99B29280	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	52.4	12/23/99	LL	18.9		

Sampled: 12/17/99

0-2'

GP-44

	Units	99B29281	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	76.7	12/23/99	LL	19.1		

Sampled: 12/17/99

0-2'

GP-45

	Units	99B29282	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	BDL	12/23/99	LL	19.2		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-46

	Units	99B29283	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	104	12/23/99	LL	18.2		

Sampled: 12/17/99  
2-4'  
GP-47

	Units	99B29284	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	25.0	12/23/99	LL	18.5		

Sampled: 12/17/99  
0-2'  
GP-48

	Units	99B29285	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	76.0	12/23/99	LL	18.9		

Sampled: 12/17/99  
2-4'  
GP-49

	Units	99B29286	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	BDL	12/23/99	LL	19.0		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: SOIL

Sampled: 12/17/99  
0-2'  
GP-50

	Units	99829287	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	31.4	12/23/99	LL	18.5		

Sampled: 12/17/99  
0-2'  
GP-51

	Units	99829288	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	29.2	12/23/99	LL	19.5		

Sampled: 12/17/99  
2-4'  
GP-52

	Units	99829289	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	33.0	12/23/99	LL	19.1		

Sampled: 12/17/99  
0-2'  
GP-53

	Units	99829290	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/kg	33.3	12/23/99	LL	18.5		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Analytical Method(s):

MODIFIED EPA 418.1

INFRA-RED DETERMINATION FOLLOWING EXTRACTION OF HYDROCARBONS INTO  
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or  
regulatory level for comparison with data to  
determine PASS (P) or FAIL (F) condition of results.

**APPENDIX C**  
**QA/QC Sample**  
**Laboratory Reports**

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/13/99  
FIELD BLANK  
FB-1

	Units	99829104	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	ug/l	ND	12/22/99	WSD	50.0		
Acrolein	ug/l	ND	12/22/99	WSD	20.0		
Acrylonitrile	ug/l	ND	12/22/99	WSD	7.6		
Benzene	ug/l	ND	12/22/99	WSD	0.6		
Bromobenzene	ug/l	ND	12/22/99	WSD	0.5		
Bromochloromethane	ug/l	ND	12/22/99	WSD	0.7		
Bromodichloromethane	ug/l	ND	12/22/99	WSD	0.4		
Bromomethane	ug/l	ND	12/22/99	WSD	1.2		
Bromoform	ug/l	ND	12/22/99	WSD	1.2		
2-Butanone (MEK)	ug/l	ND	12/22/99	WSD	12.0		
n-Butylbenzene	ug/l	ND	12/22/99	WSD	0.7		
sec-Butylbenzene	ug/l	ND	12/22/99	WSD	0.6		
tert-Butylbenzene	ug/l	ND	12/22/99	WSD	0.8		
Carbon Disulfide	ug/l	ND	12/22/99	WSD	3.0		
Carbon Tetrachloride	ug/l	ND	12/22/99	WSD	0.5		
Chlorobenzene	ug/l	ND	12/22/99	WSD	0.6		
Chlorodibromomethane	ug/l	ND	12/22/99	WSD	0.5		
Chloroethane	ug/l	ND	12/22/99	WSD	0.8		
2-Chloroethylvinylether	ug/l	ND	12/22/99	WSD	9.6		
Chloroform	ug/l	ND	12/22/99	WSD	0.8		
Chloromethane	ug/l	ND	12/22/99	WSD	1.2		
2-Chlorotoluene	ug/l	ND	12/22/99	WSD	0.6		
4-Chlorotoluene	ug/l	ND	12/22/99	WSD	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/22/99	WSD	1.6		
1,2-Dibromoethane	ug/l	ND	12/22/99	WSD	0.7		
Dibromomethane	ug/l	ND	12/22/99	WSD	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/22/99	WSD	0.8		
1,3-Dichlorobenzene	ug/l	ND	12/22/99	WSD	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/22/99	WSD	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/22/99	WSD	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/22/99	WSD	2.1		
Dichlorodifluoromethane	ug/l	ND	12/22/99	WSD	1.0		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847

Job Number: 83-230

Sample Matrix: WATER OTHER

Sampled: 12/13/99

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	Units	99829104	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	ug/l	ND	12/22/99	WSD	0.7		
1,2-Dichloroethane	ug/l	ND	12/22/99	WSD	0.9		
1,1-Dichloroethylene	ug/l	ND	12/22/99	WSD	0.6		
cis-1,2-Dichloroethylene	ug/l	ND	12/22/99	WSD	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/22/99	WSD	0.8		
1,2-Dichloropropane	ug/l	ND	12/22/99	WSD	0.6		
1,3-Dichloropropane	ug/l	ND	12/22/99	WSD	0.5		
2,2-Dichloropropane	ug/l	ND	12/22/99	WSD	0.9		
1,1-Dichloropropene	ug/l	ND	12/22/99	WSD	1.4		
cis-1,3-Dichloropropene	ug/l	ND	12/22/99	WSD	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/22/99	WSD	0.4		
Ethyl Benzene	ug/l	ND	12/22/99	WSD	0.6		
Ethyl Methacrylate	ug/l	ND	12/22/99	WSD	0.8		
Hexachlorobutadiene	ug/l	ND	12/22/99	WSD	1.3		
2-Hexanone	ug/l	ND	12/22/99	WSD	0.7		
Iodomethane	ug/l	ND	12/22/99	WSD	0.8		
Isopropylbenzene	ug/l	ND	12/22/99	WSD	0.6		
p-Isopropyltoluene	ug/l	ND	12/22/99	WSD	0.7		
MTBE	ug/l	ND	12/22/99	WSD	0.8		
Methylene Chloride	ug/l	ND	12/22/99	WSD	3.0		
MIBK	ug/l	ND	12/22/99	WSD	8.8		
Naphthalene	ug/l	ND	12/22/99	WSD	1.0		
n-Propylbenzene	ug/l	ND	12/22/99	WSD	0.8		
Styrene	ug/l	ND	12/22/99	WSD	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/22/99	WSD	0.5		
1,1,1,2,2-Tetrachloroethane	ug/l	ND	12/22/99	WSD	1.4		
Tetrachloroethylene	ug/l	ND	12/22/99	WSD	0.4		
Toluene	ug/l	ND	12/22/99	WSD	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/22/99	WSD	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/22/99	WSD	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/22/99	WSD	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/22/99	WSD	0.7		

MDL = Method Detection Limit

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/13/99  
FIELD BLANK  
FB-1

	Units	99829104	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Trichloroethylene	ug/l	ND	12/22/99	WSD	1.0		
Trichlorofluoromethane	ug/l	ND	12/22/99	WSD	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/22/99	WSD	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/22/99	WSD	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/22/99	WSD	1.0		
Vinyl Acetate	ug/l	ND	12/22/99	WSD	16.4		
Vinyl Chloride	ug/l	ND	12/22/99	WSD	0.3		
m-Xylene	ug/l	ND	12/22/99	WSD	1.3		
o + p Xylene	ug/l	ND	12/22/99	WSD	0.5		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/14/99  
FIELD BLANK  
FB-2

	Units	99829105	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	ug/l	ND	12/22/99	WSD	50.0		
Acrolein	ug/l	ND	12/22/99	WSD	20.0		
Acrylonitrile	ug/l	ND	12/22/99	WSD	7.6		
Benzene	ug/l	ND	12/22/99	WSD	0.6		
Bromobenzene	ug/l	ND	12/22/99	WSD	0.5		
Bromochloromethane	ug/l	ND	12/22/99	WSD	0.7		
Bromodichloromethane	ug/l	ND	12/22/99	WSD	0.4		
Bromomethane	ug/l	ND	12/22/99	WSD	1.2		
Bromoform	ug/l	ND	12/22/99	WSD	1.2		
2-Butanone (MEK)	ug/l	ND	12/22/99	WSD	12.0		
n-Butylbenzene	ug/l	ND	12/22/99	WSD	0.7		
sec-Butylbenzene	ug/l	ND	12/22/99	WSD	0.6		
tert-Butylbenzene	ug/l	ND	12/22/99	WSD	0.8		
Carbon Disulfide	ug/l	ND	12/22/99	WSD	3.0		
Carbon Tetrachloride	ug/l	ND	12/22/99	WSD	0.5		
Chlorobenzene	ug/l	ND	12/22/99	WSD	0.6		
Chlorodibromomethane	ug/l	ND	12/22/99	WSD	0.5		
Chloroethane	ug/l	ND	12/22/99	WSD	0.8		
2-Chloroethylvinylether	ug/l	ND	12/22/99	WSD	9.6		
Chloroform	ug/l	ND	12/22/99	WSD	0.8		
Chloromethane	ug/l	ND	12/22/99	WSD	1.2		
2-Chlorotoluene	ug/l	ND	12/22/99	WSD	0.6		
4-Chlorotoluene	ug/l	ND	12/22/99	WSD	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/22/99	WSD	1.6		
1,2-Dibromoethane	ug/l	ND	12/22/99	WSD	0.7		
Dibromomethane	ug/l	ND	12/22/99	WSD	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/22/99	WSD	0.8		
1,3-Dichlorobenzene	ug/l	ND	12/22/99	WSD	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/22/99	WSD	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/22/99	WSD	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/22/99	WSD	2.1		
Dichlorodifluoromethane	ug/l	ND	12/22/99	WSD	1.0		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/14/99  
FIELD BLANK  
FB-2

	Units	99B29105	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	ug/l	ND	12/22/99	WSD	0.7		
1,2-Dichloroethane	ug/l	ND	12/22/99	WSD	0.9		
1,1-Dichloroethylene	ug/l	ND	12/22/99	WSD	0.6		
cis-1,2-Dichloroethylene	ug/l	ND	12/22/99	WSD	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/22/99	WSD	0.8		
1,2-Dichloropropane	ug/l	ND	12/22/99	WSD	0.6		
1,3-Dichloropropane	ug/l	ND	12/22/99	WSD	0.5		
2,2-Dichloropropane	ug/l	ND	12/22/99	WSD	0.9		
1,1-Dichloropropene	ug/l	ND	12/22/99	WSD	1.4		
cis-1,3-Dichloropropene	ug/l	ND	12/22/99	WSD	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/22/99	WSD	0.4		
Ethyl Benzene	ug/l	ND	12/22/99	WSD	0.6		
Ethyl Methacrylate	ug/l	ND	12/22/99	WSD	0.8		
Hexachlorobutadiene	ug/l	ND	12/22/99	WSD	1.3		
2-Hexanone	ug/l	ND	12/22/99	WSD	9.7		
Iodcmethane	ug/l	ND	12/22/99	WSD	0.8		
Isopropylbenzene	ug/l	ND	12/22/99	WSD	0.6		
p-Isopropyltoluene	ug/l	ND	12/22/99	WSD	0.7		
MTBE	ug/l	ND	12/22/99	WSD	0.8		
Methylene Chloride	ug/l	ND	12/22/99	WSD	3.0		
MIBK	ug/l	ND	12/22/99	WSD	8.8		
Naphthalene	ug/l	ND	12/22/99	WSD	1.0		
n-Propylbenzene	ug/l	ND	12/22/99	WSD	0.8		
Styrene	ug/l	ND	12/22/99	WSD	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/22/99	WSD	0.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/22/99	WSD	1.4		
Tetrachloroethylene	ug/l	ND	12/22/99	WSD	0.4		
Toluene	ug/l	ND	12/22/99	WSD	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/22/99	WSD	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/22/99	WSD	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/22/99	WSD	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/22/99	WSD	0.7		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/14/99  
FIELD BLANK  
FB-2

	Units	99B29105	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	ug/l	ND	12/22/99	WSD	1.0		
Trichlorofluoromethane	ug/l	ND	12/22/99	WSD	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/22/99	WSD	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/22/99	WSD	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/22/99	WSD	1.0		
Vinyl Acetate	ug/l	ND	12/22/99	WSD	16.4		
Vinyl Chloride	ug/l	ND	12/22/99	WSD	0.3		
m-Xylene	ug/l	ND	12/22/99	WSD	1.3		
o + p Xylene	ug/l	ND	12/22/99	WSD	0.5		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/13/99  
TRIP BLANK  
TB-1

	Units	99B29102	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	ug/l	ND	12/22/99	WSD	50.0		
Acrolein	ug/l	ND	12/22/99	WSD	20.0		
Acrylonitrile	ug/l	ND	12/22/99	WSD	7.6		
Benzene	ug/l	ND	12/22/99	WSD	0.6		
Bromobenzene	ug/l	ND	12/22/99	WSD	0.5		
Bromochloromethane	ug/l	ND	12/22/99	WSD	0.7		
Bromodichloromethane	ug/l	ND	12/22/99	WSD	0.4		
Bromomethane	ug/l	ND	12/22/99	WSD	1.2		
Bromoform	ug/l	ND	12/22/99	WSD	1.2		
2-Butanone (MEK)	ug/l	ND	12/22/99	WSD	12.0		
n-Butylbenzene	ug/l	ND	12/22/99	WSD	0.7		
sec-Butylbenzene	ug/l	ND	12/22/99	WSD	0.6		
tert-Butylbenzene	ug/l	ND	12/22/99	WSD	0.8		
Carbon Disulfide	ug/l	ND	12/22/99	WSD	3.0		
Carbon Tetrachloride	ug/l	ND	12/22/99	WSD	0.5		
Chlorobenzene	ug/l	ND	12/22/99	WSD	0.6		
Chlorodibromomethane	ug/l	ND	12/22/99	WSD	0.5		
Chloroethane	ug/l	ND	12/22/99	WSD	0.3		
2-Chloroethylvinylether	ug/l	ND	12/22/99	WSD	9.6		
Chloroform	ug/l	ND	12/22/99	WSD	0.3		
Chloromethane	ug/l	ND	12/22/99	WSD	1.2		
2-Chlorotoluene	ug/l	ND	12/22/99	WSD	0.6		
4-Chlorotoluene	ug/l	ND	12/22/99	WSD	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/22/99	WSD	1.6		
1,2-Dibromoethane	ug/l	ND	12/22/99	WSD	0.7		
Dibromomethane	ug/l	ND	12/22/99	WSD	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/22/99	WSD	0.8		
1,3-Dichlorobenzene	ug/l	ND	12/22/99	WSD	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/22/99	WSD	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/22/99	WSD	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/22/99	WSD	2.1		
Dichlorodifluoromethane	ug/l	ND	12/22/99	WSD	1.0		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/13/99  
TRIP BLANK  
TB-1

	Units	99B29102	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	ug/l	ND	12/22/99	WSD	0.7		
1,2-Dichloroethane	ug/l	ND	12/22/99	WSD	0.9		
1,1-Dichloroethylene	ug/l	ND	12/22/99	WSD	0.6		
cis-1,2-Dichloroethylene	ug/l	ND	12/22/99	WSD	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/22/99	WSD	0.8		
1,2-Dichloropropane	ug/l	ND	12/22/99	WSD	0.6		
1,3-Dichloropropane	ug/l	ND	12/22/99	WSD	0.5		
2,2-Dichloropropane	ug/l	ND	12/22/99	WSD	0.9		
1,1-Dichloropropene	ug/l	ND	12/22/99	WSD	1.4		
cis-1,3-Dichloropropene	ug/l	ND	12/22/99	WSD	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/22/99	WSD	0.4		
Ethyl Benzene	ug/l	ND	12/22/99	WSD	0.6		
Ethyl Methacrylate	ug/l	ND	12/22/99	WSD	0.8		
Hexachlorobutadiene	ug/l	ND	12/22/99	WSD	1.3		
2-Hexanone	ug/l	ND	12/22/99	WSD	9.7		
Iodomethane	ug/l	ND	12/22/99	WSD	0.8		
Isopropylbenzene	ug/l	ND	12/22/99	WSD	0.6		
p-Isopropyltoluene	ug/l	ND	12/22/99	WSD	0.7		
MTBE	ug/l	ND	12/22/99	WSD	0.8		
Methylene Chloride	ug/l	ND	12/22/99	WSD	3.0		
MIBK	ug/l	ND	12/22/99	WSD	8.8		
Naphthalene	ug/l	ND	12/22/99	WSD	1.0		
n-Propylbenzene	ug/l	ND	12/22/99	WSD	0.8		
Styrene	ug/l	ND	12/22/99	WSD	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/22/99	WSD	0.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/22/99	WSD	1.4		
Tetrachloroethylene	ug/l	ND	12/22/99	WSD	0.4		
Toluene	ug/l	ND	12/22/99	WSD	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/22/99	WSD	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/22/99	WSD	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/22/99	WSD	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/22/99	WSD	0.7		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/13/99  
TRIP BLANK  
TB-1

	Units	99B29102	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Trichloroethylene	ug/l	ND	12/22/99	WSD	1.0		
Trichlorofluoromethane	ug/l	ND	12/22/99	WSD	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/22/99	WSD	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/22/99	WSD	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/22/99	WSD	1.0		
Vinyl Acetate	ug/l	ND	12/22/99	WSD	16.4		
Vinyl Chloride	ug/l	ND	12/22/99	WSD	0.3		
m-Xylene	ug/l	ND	12/22/99	WSD	1.3		
o + p Xylene	ug/l	ND	12/22/99	WSD	0.5		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/14/99  
TRIP BLANK  
TB-2

	Units	99829103	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	ug/l	ND	12/22/99	WSD	50.0		
Acrolein	ug/l	ND	12/22/99	WSD	20.0		
Acrylonitrile	ug/l	ND	12/22/99	WSD	7.6		
Benzene	ug/l	ND	12/22/99	WSD	0.6		
Bromobenzene	ug/l	ND	12/22/99	WSD	0.5		
Bromochloromethane	ug/l	ND	12/22/99	WSD	0.7		
Bromodichloromethane	ug/l	ND	12/22/99	WSD	0.4		
Bromomethane	ug/l	ND	12/22/99	WSD	1.2		
Bromoform	ug/l	ND	12/22/99	WSD	1.2		
2-Butanone (MEK)	ug/l	ND	12/22/99	WSD	12.0		
n-Butylbenzene	ug/l	ND	12/22/99	WSD	0.7		
sec-Butylbenzene	ug/l	ND	12/22/99	WSD	0.6		
tert-Butylbenzene	ug/l	ND	12/22/99	WSD	0.8		
Carbon Disulfide	ug/l	ND	12/22/99	WSD	3.0		
Carbon Tetrachloride	ug/l	ND	12/22/99	WSD	0.5		
Chlorobenzene	ug/l	ND	12/22/99	WSD	0.6		
Chlorodibromomethane	ug/l	ND	12/22/99	WSD	0.5		
Chloroethane	ug/l	ND	12/22/99	WSD	0.8		
2-Chloroethylvinylether	ug/l	ND	12/22/99	WSD	9.6		
Chloroform	ug/l	ND	12/22/99	WSD	0.8		
Chloromethane	ug/l	ND	12/22/99	WSD	1.2		
2-Chlorotoluene	ug/l	ND	12/22/99	WSD	0.5		
4-Chlorotoluene	ug/l	ND	12/22/99	WSD	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/22/99	WSD	1.6		
1,2-Dibromoethane	ug/l	ND	12/22/99	WSD	0.7		
Dibromomethane	ug/l	ND	12/22/99	WSD	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/22/99	WSD	0.8		
1,3-Dichlorobenzene	ug/l	ND	12/22/99	WSD	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/22/99	WSD	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/22/99	WSD	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/22/99	WSD	2.1		
Dichlorodifluoromethane	ug/l	ND	12/22/99	WSD	1.0		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/14/99  
TRIP BLANK  
TB-2

	Units	99B29103	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	ug/l	ND	12/22/99	WSD	0.7		
1,2-Dichloroethane	ug/l	ND	12/22/99	WSD	0.9		
1,1-Dichloroethylene	ug/l	ND	12/22/99	WSD	0.6		
cis-1,2-Dichloroethylene	ug/l	ND	12/22/99	WSD	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/22/99	WSD	0.8		
1,2-Dichloropropane	ug/l	ND	12/22/99	WSD	0.6		
1,3-Dichloropropane	ug/l	ND	12/22/99	WSD	0.5		
2,2-Dichloropropane	ug/l	ND	12/22/99	WSD	0.9		
1,1-Dichloropropene	ug/l	ND	12/22/99	WSD	1.4		
cis-1,3-Dichloropropene	ug/l	ND	12/22/99	WSD	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/22/99	WSD	0.4		
Ethyl Benzene	ug/l	ND	12/22/99	WSD	0.6		
Ethyl Methacrylate	ug/l	ND	12/22/99	WSD	0.8		
Hexachlorobutadiene	ug/l	ND	12/22/99	WSD	1.3		
2-Hexanone	ug/l	ND	12/22/99	WSD	9.7		
Iodomethane	ug/l	ND	12/22/99	WSD	0.8		
Isopropylbenzene	ug/l	ND	12/22/99	WSD	0.6		
p-Isopropyltoluene	ug/l	ND	12/22/99	WSD	0.7		
MTBE	ug/l	ND	12/22/99	WSD	0.8		
Methylene Chloride	ug/l	ND	12/22/99	WSD	3.0		
MIBK	ug/l	ND	12/22/99	WSD	3.8		
Naphthalene	ug/l	ND	12/22/99	WSD	1.0		
n-Propylbenzene	ug/l	ND	12/22/99	WSD	0.8		
Styrene	ug/l	ND	12/22/99	WSD	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/22/99	WSD	0.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/22/99	WSD	1.4		
Tetrachloroethylene	ug/l	ND	12/22/99	WSD	0.4		
Toluene	ug/l	ND	12/22/99	WSD	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/22/99	WSD	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/22/99	WSD	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/22/99	WSD	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/22/99	WSD	0.7		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/14/99  
TRIP BLANK  
TB-2

	Units	99B29103	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	ug/l	ND	12/22/99	WSD	1.0		
Trichlorofluoromethane	ug/l	ND	12/22/99	WSD	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/22/99	WSD	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/22/99	WSD	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/22/99	WSD	1.0		
Vinyl Acetate	ug/l	ND	12/22/99	WSD	16.4		
Vinyl Chloride	ug/l	ND	12/22/99	WSD	0.3		
m-Xylene	ug/l	ND	12/22/99	WSD	1.3		
o + p Xylene	ug/l	ND	12/22/99	WSD	0.5		

Analytical Method(s):

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/13/99  
FIELD BLANK  
FB-1

	Units	99B29104	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/l	ND	12/27/99	PM	0.02		
Barium	mg/l	ND	12/27/99	PM	0.0005		
Cadmium	mg/l	ND	12/27/99	PM	0.0002		
Chromium	mg/l	ND	12/27/99	PM	0.002		
Lead	mg/l	ND	12/27/99	PM	0.01		
Mercury	mg/l	ND	12/20/99	JER	0.00004		
Selenium	mg/l	ND	12/27/99	PM	0.02		
Silver	mg/l	ND	12/27/99	PM	0.002		

Sampled: 12/14/99  
FIELD BLANK  
FB-2

	Units	99B29105	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/l	ND	12/27/99	PM	0.02		
Barium	mg/l	ND	12/27/99	PM	0.0005		
Cadmium	mg/l	ND	12/27/99	PM	0.0002		
Chromium	mg/l	ND	12/27/99	PM	0.002		
Lead	mg/l	ND	12/27/99	PM	0.01		
Mercury	mg/l	ND	12/20/99	JER	0.00004		
Selenium	mg/l	ND	12/27/99	PM	0.02		
Silver	mg/l	ND	12/27/99	PM	0.002		

Analytical Method(s):

Arsenic  
EPA 200.7

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

(ICP).  
Barium  
EPA 200.7

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY  
(ICP).  
Cadmium  
EPA 200.7

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY  
(ICP).  
Chromium  
EPA 200.7

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY  
(ICP).  
Lead  
EPA 200.7

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY  
(ICP).  
Mercury  
EPA 245.1

COLD VAPOR TECHNIQUE (FLAMELESS ABSORPTION AT 254 NM)

Selenium

MDL = Method Detection Limit  
ND = Not Detected  
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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or  
regulatory level for comparison with data to  
determine PASS (P) or FAIL (F) condition of results.

12/30/99

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EPA 200.7

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY  
(ICP).

Silver

EPA 200.7

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY  
(ICP).

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or  
regulatory level for comparison with data to  
determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/13/99  
FIELD BLANK  
FB-1

	Units	99B29104	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	ug/l	ND	12/23/99	WSD	10.0		
Acenaphthylene	ug/l	ND	12/23/99	WSD	10.0		
Anthracene	ug/l	ND	12/23/99	WSD	10.0		
Benzo(a)anthracene	ug/l	ND	12/23/99	WSD	10.0		
Benzo(a)pyrene	ug/l	ND	12/23/99	WSD	20.0		
Benzo(b)fluoranthene	ug/l	ND	12/23/99	WSD	10.0		
Benzo(g,h,i)perylene	ug/l	ND	12/23/99	WSD	30.0		
Benzo(k)fluoranthene	ug/l	ND	12/23/99	WSD	20.0		
Chrysene	ug/l	ND	12/23/99	WSD	20.0		
Dibenz(a,h)anthracene	ug/l	ND	12/23/99	WSD	20.0		
Fluoranthene	ug/l	ND	12/23/99	WSD	10.0		
Fluorene	ug/l	ND	12/23/99	WSD	10.0		
Indeno(1,2,3-cd)pyrene	ug/l	ND	12/23/99	WSD	10.0		
2-Methylnaphthalene	ug/l	ND	12/23/99	WSD	10.0		
Naphthalene	ug/l	ND	12/23/99	WSD	10.0		
Phenanthrene	ug/l	ND	12/23/99	WSD	10.0		
Pyrene	ug/l	ND	12/23/99	WSD	30.0		

Sampled: 12/14/99  
FIELD BLANK  
FB-2

	Units	99B29105	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	ug/l	ND	12/23/99	WSD	10.0		
Acenaphthylene	ug/l	ND	12/23/99	WSD	10.0		
Anthracene	ug/l	ND	12/23/99	WSD	10.0		
Benzo(a)anthracene	ug/l	ND	12/23/99	WSD	10.0		
Benzo(a)pyrene	ug/l	ND	12/23/99	WSD	20.0		
Benzo(b)fluoranthene	ug/l	ND	12/23/99	WSD	10.0		
Benzo(g,h,i)perylene	ug/l	ND	12/23/99	WSD	30.0		

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ND = Not Detected  
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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/14/99  
FIELD BLANK  
FB-2

	Units	99829105	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Benzo(k)fluoranthene	ug/l	ND	12/23/99	WSD	20.0		
Chrysene	ug/l	ND	12/23/99	WSD	20.0		
Dibenz(a,h)anthracene	ug/l	ND	12/23/99	WSD	20.0		
Fluoranthene	ug/l	ND	12/23/99	WSD	10.0		
Fluorene	ug/l	ND	12/23/99	WSD	10.0		
Indeno(1,2,3-cd)pyrene	ug/l	ND	12/23/99	WSD	10.0		
2-Methylnaphthalene	ug/l	ND	12/23/99	WSD	10.0		
Naphthalene	ug/l	ND	12/23/99	WSD	10.0		
Phenanthrene	ug/l	ND	12/23/99	WSD	10.0		
Pyrene	ug/l	ND	12/23/99	WSD	30.0		

Analytical Method(s):

625/8270

SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE, FOLLOWED BY KUDERNA-DANISH  
EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or  
regulatory level for comparison with data to  
determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45847  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/13/99  
FIELD BLANK  
FB-1

	Units	99B29104	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/l	BDL	12/22/99	LL	0.45		

Sampled: 12/14/99  
FIELD BLANK  
FB-2

	Units	99B29105	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/l	BDL	12/22/99	LL	0.40		

Analytical Method(s):

EPA 418.1

INFRA-RED DETERMINATION FOLLOWING LIQUID-LIQUID EXTRACTION OF  
HYDROCARBONS INTO 1,1,2-TRICHLORO- 1,2,2-TRIFLUOROETHANE (FREON 113)

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or  
regulatory level for comparison with data to  
determine PASS (P) or FAIL (F) condition of results.

The following notes were attached to the reported analysis:

Analysis: Methylene Chloride

Suspected laboratory contamination on samples: 99B29083-86, 99B29083-95.

Sample: 99B29096

ELEVATED METHOD DETECTION LIMIT DUE TO MATRIX INTERFERENCES.

MDL = Method Detection Limit  
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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or  
regulatory level for comparison with data to  
determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/15/99  
FIELD BLANK  
FB-03

	Units	99B29300	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	ug/l	ND	12/29/99	WSD	50.0		
Acrolein	ug/l	ND	12/29/99	WSD	20.0		
Acrylonitrile	ug/l	ND	12/29/99	WSD	7.6		
Benzene	ug/l	ND	12/29/99	WSD	0.6		
Bromobenzene	ug/l	ND	12/29/99	WSD	0.5		
Bromochloromethane	ug/l	ND	12/29/99	WSD	0.7		
Bromodichloromethane	ug/l	ND	12/29/99	WSD	0.4		
Bromomethane	ug/l	ND	12/29/99	WSD	1.2		
Bromoform	ug/l	ND	12/29/99	WSD	1.2		
2-Butanone (MEK)	ug/l	ND	12/29/99	WSD	12.0		
n-Butylbenzene	ug/l	ND	12/29/99	WSD	0.7		
sec-Butylbenzene	ug/l	ND	12/29/99	WSD	0.6		
tert-Butylbenzene	ug/l	ND	12/29/99	WSD	0.8		
Carbon Disulfide	ug/l	ND	12/29/99	WSD	3.0		
Carbon Tetrachloride	ug/l	ND	12/29/99	WSD	0.5		
Chlorobenzene	ug/l	ND	12/29/99	WSD	0.6		
Chlorodibromomethane	ug/l	ND	12/29/99	WSD	0.5		
Chloroethane	ug/l	ND	12/29/99	WSD	0.8		
2-Chloroethylvinylether	ug/l	ND	12/29/99	WSD	9.6		
Chloroform	ug/l	ND	12/29/99	WSD	0.2		
Chloromethane	ug/l	ND	12/29/99	WSD	1.2		
2-Chlorotoluene	ug/l	ND	12/29/99	WSD	0.6		
4-Chlorotoluene	ug/l	ND	12/29/99	WSD	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/29/99	WSD	1.6		
1,2-Dibromoethane	ug/l	ND	12/29/99	WSD	0.7		
Dibromomethane	ug/l	ND	12/29/99	WSD	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/29/99	WSD	0.8		
1,3-Dichlorobenzene	ug/l	ND	12/29/99	WSD	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/29/99	WSD	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/29/99	WSD	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/29/99	WSD	2.1		
Dichlorodifluoromethane	ug/l	ND	12/29/99	WSD	1.0		

MDL = Method Detection Limit  
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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

01/04/00

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: WATER OTHER

Sampled: 12/15/99

FIELD BLANK

F6-03

	Units	99B29300	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	ug/l	ND	12/29/99	WSD	0.7		
1,2-Dichloroethane	ug/l	ND	12/29/99	WSD	0.9		
1,1-Dichloroethylene	ug/l	ND	12/29/99	WSD	0.6		
cis-1,2-Dichloroethylene	ug/l	ND	12/29/99	WSD	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/29/99	WSD	0.2		
1,2-Dichloropropane	ug/l	ND	12/29/99	WSD	0.6		
1,3-Dichloropropane	ug/l	ND	12/29/99	WSD	0.5		
2,2-Dichloropropane	ug/l	ND	12/29/99	WSD	0.9		
1,1-Dichloropropene	ug/l	ND	12/29/99	WSD	1.4		
cis-1,3-Dichloropropene	ug/l	ND	12/29/99	WSD	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/29/99	WSD	0.4		
Ethyl Benzene	ug/l	ND	12/29/99	WSD	0.6		
Ethyl Methacrylate	ug/l	ND	12/29/99	WSD	0.8		
Hexachlorobutadiene	ug/l	ND	12/29/99	WSD	1.3		
2-Hexanone	ug/l	ND	12/29/99	WSD	9.7		
Iodomethane	ug/l	ND	12/29/99	WSD	0.8		
Isopropylbenzene	ug/l	ND	12/29/99	WSD	0.6		
p-Isopropyltoluene	ug/l	ND	12/29/99	WSD	0.7		
MTBE	ug/l	ND	12/29/99	WSD	0.8		
Methylene Chloride	ug/l	ND	12/29/99	WSD	3.0		
MIBK	ug/l	ND	12/29/99	WSD	8.8		
Naphthalene	ug/l	ND	12/29/99	WSD	1.0		
n-Propylbenzene	ug/l	ND	12/29/99	WSD	0.8		
Styrene	ug/l	ND	12/29/99	WSD	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/29/99	WSD	0.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/29/99	WSD	1.4		
Tetrachloroethylene	ug/l	ND	12/29/99	WSD	0.4		
Toluene	ug/l	ND	12/29/99	WSD	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/29/99	WSD	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/29/99	WSD	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/29/99	WSD	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/29/99	WSD	0.7		

MDL = Method Detection Limit

ND = Not Detected

BDL = Below Detection Limit

NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/15/99  
FIELD BLANK  
FB-03

	Units	99B29300	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	ug/l	ND	12/29/99	WSD	1.0		
Trichlorofluoromethane	ug/l	ND	12/29/99	WSD	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/29/99	WSD	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/29/99	WSD	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/29/99	WSD	1.0		
Vinyl Acetate	ug/l	ND	12/29/99	WSD	16.4		
Vinyl Chloride	ug/l	ND	12/29/99	WSD	0.3		
m-Xylene	ug/l	BDL	12/29/99	WSD	1.3		
o + p Xylene	ug/l	ND	12/29/99	WSD	0.5		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/16/99  
FIELD BLANK  
FB-04

	Units	99829301	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	ug/l	ND	12/29/99	WSD	50.0		
Acrolein	ug/l	ND	12/29/99	WSD	20.0		
Acrylonitrile	ug/l	ND	12/29/99	WSD	7.6		
Benzene	ug/l	ND	12/29/99	WSD	0.6		
Bromobenzene	ug/l	ND	12/29/99	WSD	0.5		
Bromochloromethane	ug/l	ND	12/29/99	WSD	0.7		
Bromodichloromethane	ug/l	ND	12/29/99	WSD	0.4		
Bromomethane	ug/l	ND	12/29/99	WSD	1.2		
Bromoform	ug/l	ND	12/29/99	WSD	1.2		
2-Butanone (MEK)	ug/l	ND	12/29/99	WSD	12.0		
n-Butylbenzene	ug/l	ND	12/29/99	WSD	0.7		
sec-Butylbenzene	ug/l	ND	12/29/99	WSD	0.6		
tert-Butylbenzene	ug/l	ND	12/29/99	WSD	0.8		
Carbon Disulfide	ug/l	ND	12/29/99	WSD	3.0		
Carbon Tetrachloride	ug/l	ND	12/29/99	WSD	0.5		
Chlorobenzene	ug/l	ND	12/29/99	WSD	0.6		
Chlorodibromomethane	ug/l	ND	12/29/99	WSD	0.5		
Chloroethane	ug/l	ND	12/29/99	WSD	0.8		
2-Chloroethylvinylether	ug/l	ND	12/29/99	WSD	9.6		
Chloroform	ug/l	ND	12/29/99	WSD	0.8		
Chloromethane	ug/l	ND	12/29/99	WSD	1.2		
2-Chlorotoluene	ug/l	ND	12/29/99	WSD	0.6		
4-Chlorotoluene	ug/l	ND	12/29/99	WSD	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/29/99	WSD	1.6		
1,2-Dibromoethane	ug/l	ND	12/29/99	WSD	0.7		
Dibromomethane	ug/l	ND	12/29/99	WSD	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/29/99	WSD	0.8		
1,3-Dichlorobenzene	ug/l	ND	12/29/99	WSD	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/29/99	WSD	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/29/99	WSD	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/29/99	WSD	2.1		
Dichlorodifluoromethane	ug/l	ND	12/29/99	WSD	1.0		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/16/99  
FIELD BLANK  
FB-04

	Units	99829301	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	ug/l	ND	12/29/99	WSD	0.7		
1,2-Dichloroethane	ug/l	ND	12/29/99	WSD	0.9		
1,1-Dichloroethylene	ug/l	ND	12/29/99	WSD	0.6		
cis-1,2-Dichloroethylene	ug/l	ND	12/29/99	WSD	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/29/99	WSD	0.8		
1,2-Dichloropropane	ug/l	ND	12/29/99	WSD	0.6		
1,3-Dichloropropane	ug/l	ND	12/29/99	WSD	0.5		
2,2-Dichloropropane	ug/l	ND	12/29/99	WSD	0.9		
1,1-Dichloropropene	ug/l	ND	12/29/99	WSD	1.4		
cis-1,3-Dichloropropene	ug/l	ND	12/29/99	WSD	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/29/99	WSD	0.4		
Ethyl Benzene	ug/l	ND	12/29/99	WSD	0.6		
Ethyl Methacrylate	ug/l	ND	12/29/99	WSD	0.8		
Hexachlorobutadiene	ug/l	ND	12/29/99	WSD	1.3		
2-Hexanone	ug/l	ND	12/29/99	WSD	9.7		
Iodomethane	ug/l	ND	12/29/99	WSD	0.8		
Isopropylbenzene	ug/l	ND	12/29/99	WSD	0.6		
p-Isopropyltoluene	ug/l	ND	12/29/99	WSD	0.7		
MTBE	ug/l	ND	12/29/99	WSD	0.8		
Methylene Chloride	ug/l	ND	12/29/99	WSD	3.0		
MIBK	ug/l	ND	12/29/99	WSD	8.8		
Naphthalene	ug/l	ND	12/29/99	WSD	1.0		
n-Propylbenzene	ug/l	ND	12/29/99	WSD	0.8		
Styrene	ug/l	ND	12/29/99	WSD	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/29/99	WSD	0.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/29/99	WSD	1.4		
Tetrachloroethylene	ug/l	ND	12/29/99	WSD	0.4		
Toluene	ug/l	ND	12/29/99	WSD	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/29/99	WSD	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/29/99	WSD	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/29/99	WSD	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/29/99	WSD	0.7		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/16/99  
FIELD BLANK  
FB-04

	Units	99B29301	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	ug/l	ND	12/29/99	WSD	1.0		
Trichlorofluoromethane	ug/l	ND	12/29/99	WSD	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/29/99	WSD	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/29/99	WSD	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/29/99	WSD	1.0		
Vinyl Acetate	ug/l	ND	12/29/99	WSD	16.4		
Vinyl Chloride	ug/l	ND	12/29/99	WSD	0.3		
m-Xylene	ug/l	ND	12/29/99	WSD	1.3		
o + p Xylene	ug/l	ND	12/29/99	WSD	0.5		

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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: WATER OTHER

Sampled: 12/17/99

FIELD BLANK

FB-05

	Units	99829302	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	ug/l	ND	12/29/99	WSD	50.0		
Acrolein	ug/l	ND	12/29/99	WSD	20.0		
Acrylonitrile	ug/l	ND	12/29/99	WSD	7.6		
Benzene	ug/l	ND	12/29/99	WSD	0.6		
Bromobenzene	ug/l	ND	12/29/99	WSD	0.5		
Bromochloromethane	ug/l	ND	12/29/99	WSD	0.7		
Bromodichloromethane	ug/l	ND	12/29/99	WSD	0.4		
Bromomethane	ug/l	ND	12/29/99	WSD	1.2		
Bromoform	ug/l	ND	12/29/99	WSD	1.2		
2-Butanone (MEK)	ug/l	ND	12/29/99	WSD	12.0		
n-Butylbenzene	ug/l	ND	12/29/99	WSD	0.7		
sec-Butylbenzene	ug/l	ND	12/29/99	WSD	0.6		
tert-Butylbenzene	ug/l	ND	12/29/99	WSD	0.8		
Carbon Disulfide	ug/l	ND	12/29/99	WSD	3.0		
Carbon Tetrachloride	ug/l	ND	12/29/99	WSD	0.5		
Chlorobenzene	ug/l	ND	12/29/99	WSD	0.6		
Chlorodibromomethane	ug/l	ND	12/29/99	WSD	0.5		
Chloroethane	ug/l	ND	12/29/99	WSD	0.3		
2-Chloroethylvinylether	ug/l	ND	12/29/99	WSD	9.6		
Chloroform	ug/l	ND	12/29/99	WSD	0.8		
Chloromethane	ug/l	ND	12/29/99	WSD	1.2		
2-Chlorotoluene	ug/l	ND	12/29/99	WSD	0.6		
4-Chlorotoluene	ug/l	ND	12/29/99	WSD	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/29/99	WSD	1.6		
1,2-Dibromoethane	ug/l	ND	12/29/99	WSD	0.7		
Dibromomethane	ug/l	ND	12/29/99	WSD	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/29/99	WSD	0.8		
1,3-Dichlorobenzene	ug/l	ND	12/29/99	WSD	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/29/99	WSD	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/29/99	WSD	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/29/99	WSD	2.1		
Dichlorodifluoromethane	ug/l	ND	12/29/99	WSD	1.0		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/17/99  
FIELD BLANK  
FB-05

	Units	99B29302	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	ug/l	ND	12/29/99	WSD	0.7		
1,2-Dichloroethane	ug/l	ND	12/29/99	WSD	0.9		
1,1-Dichloroethylene	ug/l	ND	12/29/99	WSD	0.6		
cis-1,2-Dichloroethylene	ug/l	ND	12/29/99	WSD	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/29/99	WSD	0.8		
1,2-Dichloropropane	ug/l	ND	12/29/99	WSD	0.6		
1,3-Dichloropropane	ug/l	ND	12/29/99	WSD	0.5		
2,2-Dichloropropane	ug/l	ND	12/29/99	WSD	0.9		
1,1-Dichloropropene	ug/l	ND	12/29/99	WSD	1.4		
cis-1,3-Dichloropropene	ug/l	ND	12/29/99	WSD	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/29/99	WSD	0.4		
Ethyl Benzene	ug/l	ND	12/29/99	WSD	0.6		
Ethyl Methacrylate	ug/l	ND	12/29/99	WSD	0.8		
Hexachlorobutadiene	ug/l	ND	12/29/99	WSD	1.3		
2-Hexanone	ug/l	ND	12/29/99	WSD	9.7		
Iodomethane	ug/l	ND	12/29/99	WSD	0.8		
Isopropylbenzene	ug/l	ND	12/29/99	WSD	0.6		
p-Isopropyltoluene	ug/l	ND	12/29/99	WSD	0.7		
MTBE	ug/l	ND	12/29/99	WSD	0.3		
Methylene Chloride	ug/l	ND	12/29/99	WSD	3.0		
MIBK	ug/l	ND	12/29/99	WSD	8.8		
Naphthalene	ug/l	ND	12/29/99	WSD	1.0		
n-Propylbenzene	ug/l	ND	12/29/99	WSD	0.8		
Styrene	ug/l	ND	12/29/99	WSD	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/29/99	WSD	0.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/29/99	WSD	1.4		
Tetrachloroethylene	ug/l	ND	12/29/99	WSD	0.4		
Toluene	ug/l	ND	12/29/99	WSD	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/29/99	WSD	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/29/99	WSD	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/29/99	WSD	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/29/99	WSD	0.7		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/17/99  
FIELD BLANK  
FB-05

	Units	99829302	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----			-----	-----	---	-----	---
Trichloroethylene	ug/l	ND	12/29/99	WSD	1.0		
Trichlorofluoromethane	ug/l	ND	12/29/99	WSD	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/29/99	WSD	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/29/99	WSD	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/29/99	WSD	1.0		
Vinyl Acetate	ug/l	ND	12/29/99	WSD	16.4		
Vinyl Chloride	ug/l	ND	12/29/99	WSD	0.3		
m-Xylene	ug/l	ND	12/29/99	WSD	1.3		
o + p Xylene	ug/l	ND	12/29/99	WSD	0.5		

MDL = Method Detection Limit  
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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/15/99  
TRIP BLANK  
TB-03

	Units	99829303	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----							
Acetone	ug/l	ND	12/29/99	WSD	50.0		
Acrolein	ug/l	ND	12/29/99	WSD	20.0		
Acrylonitrile	ug/l	ND	12/29/99	WSD	7.6		
Benzene	ug/l	ND	12/29/99	WSD	0.6		
Bromobenzene	ug/l	ND	12/29/99	WSD	0.5		
Bromochloromethane	ug/l	ND	12/29/99	WSD	0.7		
Bromodichloromethane	ug/l	ND	12/29/99	WSD	0.4		
Bromomethane	ug/l	ND	12/29/99	WSD	1.2		
Bromoform	ug/l	ND	12/29/99	WSD	1.2		
2-Butanone (MEK)	ug/l	ND	12/29/99	WSD	12.0		
n-Butylbenzene	ug/l	ND	12/29/99	WSD	0.7		
sec-Butylbenzene	ug/l	ND	12/29/99	WSD	0.6		
tert-Butylbenzene	ug/l	ND	12/29/99	WSD	0.8		
Carbon Disulfide	ug/l	ND	12/29/99	WSD	3.0		
Carbon Tetrachloride	ug/l	ND	12/29/99	WSD	0.5		
Chlorobenzene	ug/l	ND	12/29/99	WSD	0.6		
Chlorodibromomethane	ug/l	ND	12/29/99	WSD	0.5		
Chloroethane	ug/l	ND	12/29/99	WSD	0.8		
2-Chloroethylvinylether	ug/l	ND	12/29/99	WSD	9.6		
Chloroform	ug/l	ND	12/29/99	WSD	0.8		
Chloromethane	ug/l	ND	12/29/99	WSD	1.2		
2-Chlorotoluene	ug/l	ND	12/29/99	WSD	0.6		
4-Chlorotoluene	ug/l	ND	12/29/99	WSD	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/29/99	WSD	1.6		
1,2-Dibromoethane	ug/l	ND	12/29/99	WSD	0.7		
Dibromomethane	ug/l	ND	12/29/99	WSD	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/29/99	WSD	0.8		
1,3-Dichlorobenzene	ug/l	ND	12/29/99	WSD	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/29/99	WSD	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/29/99	WSD	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/29/99	WSD	2.1		
Dichlorodifluoromethane	ug/l	ND	12/29/99	WSD	1.0		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/15/99  
TRIP BLANK  
TB-03

	Units	99829303	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	ug/l	ND	12/29/99	WSD	0.7		
1,2-Dichloroethane	ug/l	ND	12/29/99	WSD	0.9		
1,1-Dichloroethylene	ug/l	ND	12/29/99	WSD	0.6		
cis-1,2-Dichloroethylene	ug/l	ND	12/29/99	WSD	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/29/99	WSD	0.8		
1,2-Dichloropropane	ug/l	ND	12/29/99	WSD	0.6		
1,3-Dichloropropane	ug/l	ND	12/29/99	WSD	0.5		
2,2-Dichloropropane	ug/l	ND	12/29/99	WSD	0.9		
1,1-Dichloropropene	ug/l	ND	12/29/99	WSD	1.4		
cis-1,3-Dichloropropene	ug/l	ND	12/29/99	WSD	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/29/99	WSD	0.4		
Ethyl Benzene	ug/l	ND	12/29/99	WSD	0.6		
Ethyl Methacrylate	ug/l	ND	12/29/99	WSD	0.8		
Hexachlorobutadiene	ug/l	ND	12/29/99	WSD	1.3		
2-Hexanone	ug/l	ND	12/29/99	WSD	9.7		
Iodomethane	ug/l	ND	12/29/99	WSD	0.8		
Isopropylbenzene	ug/l	ND	12/29/99	WSD	0.6		
p-Isopropyltoluene	ug/l	ND	12/29/99	WSD	0.7		
MTBE	ug/l	ND	12/29/99	WSD	0.8		
Methylene Chloride	ug/l	ND	12/29/99	WSD	3.0		
MIBK	ug/l	ND	12/29/99	WSD	8.8		
Naphthalene	ug/l	ND	12/29/99	WSD	1.0		
n-Propylbenzene	ug/l	ND	12/29/99	WSD	0.8		
Styrene	ug/l	ND	12/29/99	WSD	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/29/99	WSD	0.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/29/99	WSD	1.4		
Tetrachloroethylene	ug/l	ND	12/29/99	WSD	0.4		
Toluene	ug/l	ND	12/29/99	WSD	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/29/99	WSD	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/29/99	WSD	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/29/99	WSD	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/29/99	WSD	0.7		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/15/99  
TRIP BLANK  
TB-03

	Units	99B29303	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	ug/l	ND	12/29/99	WSD	1.0		
Trichlorofluoromethane	ug/l	ND	12/29/99	WSD	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/29/99	WSD	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/29/99	WSD	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/29/99	WSD	1.0		
Vinyl Acetate	ug/l	ND	12/29/99	WSD	16.4		
Vinyl Chloride	ug/l	ND	12/29/99	WSD	0.3		
m-Xylene	ug/l	ND	12/29/99	WSD	1.3		
o + p Xylene	ug/l	ND	12/29/99	WSD	0.5		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/16/99  
TRIP BLANK  
TB-04

	Units	99829304	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	ug/l	ND	12/29/99	WSD	50.0		
Acrolein	ug/l	ND	12/29/99	WSD	20.0		
Acrylonitrile	ug/l	ND	12/29/99	WSD	7.6		
Benzene	ug/l	ND	12/29/99	WSD	0.6		
Bromobenzene	ug/l	ND	12/29/99	WSD	0.5		
Bromochloromethane	ug/l	ND	12/29/99	WSD	0.7		
Bromodichloromethane	ug/l	ND	12/29/99	WSD	0.4		
Bromomethane	ug/l	ND	12/29/99	WSD	1.2		
Bromoform	ug/l	ND	12/29/99	WSD	1.2		
2-Butanone (MEK)	ug/l	ND	12/29/99	WSD	12.0		
n-Butylbenzene	ug/l	ND	12/29/99	WSD	0.7		
sec-Butylbenzene	ug/l	ND	12/29/99	WSD	0.6		
tert-Butylbenzene	ug/l	ND	12/29/99	WSD	0.8		
Carbon Disulfide	ug/l	ND	12/29/99	WSD	3.0		
Carbon Tetrachloride	ug/l	ND	12/29/99	WSD	0.5		
Chlorobenzene	ug/l	ND	12/29/99	WSD	0.6		
Chlorodibromomethane	ug/l	ND	12/29/99	WSD	0.5		
Chloroethane	ug/l	ND	12/29/99	WSD	0.8		
2-Chloroethylvinylether	ug/l	ND	12/29/99	WSD	9.6		
Chloroform	ug/l	ND	12/29/99	WSD	0.8		
Chloromethane	ug/l	ND	12/29/99	WSD	1.2		
2-Chlorotoluene	ug/l	ND	12/29/99	WSD	0.6		
4-Chlorotoluene	ug/l	ND	12/29/99	WSD	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/29/99	WSD	1.6		
1,2-Dibromoethane	ug/l	ND	12/29/99	WSD	0.7		
Dibromomethane	ug/l	ND	12/29/99	WSD	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/29/99	WSD	0.8		
1,3-Dichlorobenzene	ug/l	ND	12/29/99	WSD	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/29/99	WSD	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/29/99	WSD	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/29/99	WSD	2.1		
Dichlorodifluoromethane	ug/l	ND	12/29/99	WSD	1.0		

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/16/99  
TRIP BLANK  
TB-04

	Units	99829304	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	ug/l	ND	12/29/99	WSD	0.7		
1,2-Dichloroethane	ug/l	ND	12/29/99	WSD	0.9		
1,1-Dichloroethylene	ug/l	ND	12/29/99	WSD	0.6		
cis-1,2-Dichloroethylene	ug/l	ND	12/29/99	WSD	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/29/99	WSD	0.8		
1,2-Dichloropropane	ug/l	ND	12/29/99	WSD	0.6		
1,3-Dichloropropane	ug/l	ND	12/29/99	WSD	0.5		
2,2-Dichloropropane	ug/l	ND	12/29/99	WSD	0.9		
1,1-Dichloropropene	ug/l	ND	12/29/99	WSD	1.4		
cis-1,3-Dichloropropene	ug/l	ND	12/29/99	WSD	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/29/99	WSD	0.4		
Ethyl Benzene	ug/l	ND	12/29/99	WSD	0.6		
Ethyl Methacrylate	ug/l	ND	12/29/99	WSD	0.8		
Hexachlorobutadiene	ug/l	ND	12/29/99	WSD	1.3		
2-Hexanone	ug/l	ND	12/29/99	WSD	0.7		
Iodomethane	ug/l	ND	12/29/99	WSD	0.8		
Isopropylbenzene	ug/l	ND	12/29/99	WSD	0.6		
p-Isopropyltoluene	ug/l	ND	12/29/99	WSD	0.7		
MTBE	ug/l	ND	12/29/99	WSD	0.8		
Methylene Chloride	ug/l	5.1	12/29/99	WSD	3.0		
MIBK	ug/l	ND	12/29/99	WSD	8.8		
Naphthalene	ug/l	ND	12/29/99	WSD	1.0		
n-Propylbenzene	ug/l	ND	12/29/99	WSD	0.8		
Styrene	ug/l	ND	12/29/99	WSD	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/29/99	WSD	0.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/29/99	WSD	1.4		
Tetrachloroethylene	ug/l	ND	12/29/99	WSD	0.4		
Toluene	ug/l	ND	12/29/99	WSD	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/29/99	WSD	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/29/99	WSD	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/29/99	WSD	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/29/99	WSD	0.7		

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NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/16/99  
TRIP BLANK  
TB-04

	Units	99B29304	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Trichloroethylene	ug/l	ND	12/29/99	WSD	1.0		
Trichlorofluoromethane	ug/l	ND	12/29/99	WSD	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/29/99	WSD	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/29/99	WSD	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/29/99	WSD	1.0		
Vinyl Acetate	ug/l	ND	12/29/99	WSD	16.4		
Vinyl Chloride	ug/l	ND	12/29/99	WSD	0.3		
m-Xylene	ug/l	ND	12/29/99	WSD	1.3		
o + p Xylene	ug/l	ND	12/29/99	WSD	0.5		

MDL = Method Detection Limit  
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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: WATER-OTHER

Sampled: 12/17/99  
TRIP BLANK  
TB-05

	Units	99B29305	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	ug/l	ND	12/29/99	WSD	50.0		
Acrolein	ug/l	ND	12/29/99	WSD	20.0		
Acrylonitrile	ug/l	ND	12/29/99	WSD	7.6		
Benzene	ug/l	ND	12/29/99	WSD	0.6		
Bromobenzene	ug/l	ND	12/29/99	WSD	0.5		
Bromochloromethane	ug/l	ND	12/29/99	WSD	0.7		
Bromodichloromethane	ug/l	ND	12/29/99	WSD	0.4		
Bromomethane	ug/l	ND	12/29/99	WSD	1.2		
Bromoform	ug/l	ND	12/29/99	WSD	1.2		
2-Butanone (MEK)	ug/l	ND	12/29/99	WSD	12.0		
n-Butylbenzene	ug/l	ND	12/29/99	WSD	0.7		
sec-Butylbenzene	ug/l	ND	12/29/99	WSD	0.6		
tert-Butylbenzene	ug/l	ND	12/29/99	WSD	0.8		
Carbon Disulfide	ug/l	ND	12/29/99	WSD	3.0		
Carbon Tetrachloride	ug/l	ND	12/29/99	WSD	0.5		
Chlorobenzene	ug/l	ND	12/29/99	WSD	0.6		
Chlorodibromomethane	ug/l	ND	12/29/99	WSD	0.5		
Chloroethane	ug/l	ND	12/29/99	WSD	0.8		
2-Chloroethylvinylether	ug/l	ND	12/29/99	WSD	9.6		
Chloroform	ug/l	ND	12/29/99	WSD	0.8		
Chloromethane	ug/l	ND	12/29/99	WSD	1.2		
2-Chlorotoluene	ug/l	ND	12/29/99	WSD	0.6		
4-Chlorotoluene	ug/l	ND	12/29/99	WSD	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/29/99	WSD	1.6		
1,2-Dibromoethane	ug/l	ND	12/29/99	WSD	0.7		
Dibromomethane	ug/l	ND	12/29/99	WSD	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/29/99	WSD	0.8		
1,3-Dichlorobenzene	ug/l	ND	12/29/99	WSD	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/29/99	WSD	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/29/99	WSD	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/29/99	WSD	2.1		
Dichlorodifluoromethane	ug/l	ND	12/29/99	WSD	1.0		

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Purchase Order Number: 543199

 LIMS-BAT #: LIMS-45886  
 Job Number: 83-230  
 Sample Matrix: WATER OTHER

 Sampled: 12/17/99  
 TRIP BLANK  
 TB-05

	Units	99829305	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
1,1-Dichloroethane	ug/l	ND	12/29/99	WSD	0.7		
1,2-Dichloroethane	ug/l	ND	12/29/99	WSD	0.9		
1,1-Dichloroethylene	ug/l	ND	12/29/99	WSD	0.6		
cis-1,2-Dichloroethylene	ug/l	ND	12/29/99	WSD	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/29/99	WSD	0.8		
1,2-Dichloropropane	ug/l	ND	12/29/99	WSD	0.6		
1,3-Dichloropropane	ug/l	ND	12/29/99	WSD	0.5		
2,2-Dichloropropane	ug/l	ND	12/29/99	WSD	0.9		
1,1-Dichloropropene	ug/l	ND	12/29/99	WSD	1.4		
cis-1,3-Dichloropropene	ug/l	ND	12/29/99	WSD	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/29/99	WSD	0.4		
Ethyl Benzene	ug/l	ND	12/29/99	WSD	0.6		
Ethyl Methacrylate	ug/l	ND	12/29/99	WSD	0.8		
Hexachlorobutadiene	ug/l	ND	12/29/99	WSD	1.3		
2-Hexanone	ug/l	ND	12/29/99	WSD	9.7		
Iodomethane	ug/l	ND	12/29/99	WSD	0.8		
Isopropylbenzene	ug/l	ND	12/29/99	WSD	0.6		
p-Isopropyltoluene	ug/l	ND	12/29/99	WSD	0.7		
MTBE	ug/l	ND	12/29/99	WSD	0.8		
Methylene Chloride	ug/l	ND	12/29/99	WSD	3.0		
MIBK	ug/l	ND	12/29/99	WSD	8.8		
Naphthalene	ug/l	ND	12/29/99	WSD	1.0		
n-Propylbenzene	ug/l	ND	12/29/99	WSD	0.8		
Styrene	ug/l	ND	12/29/99	WSD	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/29/99	WSD	0.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/29/99	WSD	1.4		
Tetrachloroethylene	ug/l	ND	12/29/99	WSD	0.4		
Toluene	ug/l	ND	12/29/99	WSD	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/29/99	WSD	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/29/99	WSD	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/29/99	WSD	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/29/99	WSD	0.7		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/17/99  
TRIP BLANK  
TB-05

	Units	99829305	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Trichloroethylene	ug/l	ND	12/29/99	WSD	1.0		
Trichlorofluoromethane	ug/l	ND	12/29/99	WSD	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/29/99	WSD	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/29/99	WSD	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/29/99	WSD	1.0		
Vinyl Acetate	ug/l	ND	12/29/99	WSD	16.4		
Vinyl Chloride	ug/l	ND	12/29/99	WSD	0.3		
m-Xylene	ug/l	ND	12/29/99	WSD	1.3		
o + p Xylene	ug/l	ND	12/29/99	WSD	0.5		

Analytical Method(s):

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/15/99  
FIELD BLANK  
FB-03

	Units	99B29297	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/l	ND	12/27/99	PM	0.02		
Barium	mg/l	0.0006	12/27/99	PM	0.0005		
Cadmium	mg/l	ND	12/27/99	PM	0.0002		
Chromium	mg/l	ND	12/27/99	PM	0.002		
Lead	mg/l	ND	12/27/99	PM	0.01		
Mercury	mg/l	ND	12/29/99	APP	0.00004		
Selenium	mg/l	ND	12/27/99	PM	0.02		
Silver	mg/l	ND	12/27/99	PM	0.002		

Sampled: 12/16/99  
FIELD BLANK  
FB-04

	Units	99B29298	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Arsenic	mg/l	ND	12/27/99	PM	0.02		
Barium	mg/l	ND	12/27/99	PM	0.0005		
Cadmium	mg/l	ND	12/27/99	PM	0.0002		
Chromium	mg/l	ND	12/27/99	PM	0.002		
Lead	mg/l	ND	12/27/99	PM	0.01		
Mercury	mg/l	ND	12/29/99	APP	0.00004		
Selenium	mg/l	ND	12/27/99	PM	0.02		
Silver	mg/l	ND	12/27/99	PM	0.002		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/17/99  
FIELD BLANK  
FB-05

	Units	99B29299	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Arsenic	mg/l	ND	12/27/99	PM	0.02		
Barium	mg/l	0.0007	12/27/99	PM	0.0005		
Cadmium	mg/l	ND	12/27/99	PM	0.0002		
Chromium	mg/l	ND	12/27/99	PM	0.002		
Lead	mg/l	ND	12/27/99	PM	0.01		
Mercury	mg/l	ND	12/29/99	APP	0.00004		
Selenium	mg/l	ND	12/27/99	PM	0.02		
Silver	mg/l	ND	12/27/99	PM	0.002		

Analytical Method(s):

Arsenic  
EPA 200.7

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).  
Barium  
EPA 200.7

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).  
Cadmium  
EPA 200.7

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).  
Chromium  
EPA 200.7

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

Lead  
EPA 200.7

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

Mercury  
EPA 245.1

COLD VAPOR TECHNIQUE (FLAMELESS ABSORPTION AT 254 NM)

Selenium  
EPA 200.7

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

Silver  
EPA 200.7

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/15/99  
FIELD BLANK  
FB-03

	Units	99B29294	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	ug/l	ND	12/23/99	WSD	11.8		
Acenaphthylene	ug/l	ND	12/23/99	WSD	11.8		
Anthracene	ug/l	ND	12/23/99	WSD	11.8		
Benzo(a)anthracene	ug/l	ND	12/23/99	WSD	11.8		
Benzo(a)pyrene	ug/l	ND	12/23/99	WSD	23.5		
Benzo(b)fluoranthene	ug/l	ND	12/23/99	WSD	11.8		
Benzo(g,h,i)perylene	ug/l	ND	12/23/99	WSD	35.3		
Benzo(k)fluoranthene	ug/l	ND	12/23/99	WSD	23.5		
Chrysene	ug/l	ND	12/23/99	WSD	23.5		
Dibenz(a,h)anthracene	ug/l	ND	12/23/99	WSD	23.5		
Fluoranthene	ug/l	ND	12/23/99	WSD	11.8		
Fluorene	ug/l	ND	12/23/99	WSD	11.8		
Indeno(1,2,3-cd)pyrene	ug/l	ND	12/23/99	WSD	11.8		
2-Methylnaphthalene	ug/l	ND	12/23/99	WSD	11.8		
Naphthalene	ug/l	ND	12/23/99	WSD	11.8		
Phenanthrene	ug/l	ND	12/23/99	WSD	11.8		
Pyrene	ug/l	ND	12/23/99	WSD	35.3		

Sampled: 12/16/99  
FIELD BLANK  
FB-04

	Units	99B29295	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	ug/l	ND	12/23/99	WSD	12.2		
Acenaphthylene	ug/l	ND	12/23/99	WSD	12.2		
Anthracene	ug/l	ND	12/23/99	WSD	12.2		
Benzo(a)anthracene	ug/l	ND	12/23/99	WSD	12.2		
Benzo(a)pyrene	ug/l	ND	12/23/99	WSD	24.4		
Benzo(b)fluoranthene	ug/l	ND	12/23/99	WSD	12.2		
Benzo(g,h,i)perylene	ug/l	ND	12/23/99	WSD	36.6		

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Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: WATER OTHER

Sampled: 12/16/99

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FB-04

	Units	99B29295	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Benzo(k)fluoranthene	ug/l	ND	12/23/99	WSD	24.4		
Chrysene	ug/l	ND	12/23/99	WSD	24.4		
Dibenz(a,h)anthracene	ug/l	ND	12/23/99	WSD	24.4		
Fluoranthene	ug/l	ND	12/23/99	WSD	12.2		
Fluorene	ug/l	ND	12/23/99	WSD	12.2		
Indeno(1,2,3-cd)pyrene	ug/l	ND	12/23/99	WSD	12.2		
2-Methylnaphthalene	ug/l	ND	12/23/99	WSD	12.2		
Naphthalene	ug/l	ND	12/23/99	WSD	12.2		
Phenanthrene	ug/l	ND	12/23/99	WSD	12.2		
Pyrene	ug/l	ND	12/23/99	WSD	36.6		

Sampled: 12/17/99

FIELD BLANK

FB-05

	Units	99B29296	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Acenaphthene	ug/l	ND	12/23/99	WSD	11.9		
Acenaphthylene	ug/l	ND	12/23/99	WSD	11.9		
Anthracene	ug/l	ND	12/23/99	WSD	11.9		
Benzo(a)anthracene	ug/l	ND	12/23/99	WSD	11.9		
Benzo(a)pyrene	ug/l	ND	12/23/99	WSD	23.8		
Benzo(b)fluoranthene	ug/l	ND	12/23/99	WSD	11.9		
Benzo(g,h,i)perylene	ug/l	ND	12/23/99	WSD	35.7		
Benzo(k)fluoranthene	ug/l	ND	12/23/99	WSD	23.8		
Chrysene	ug/l	ND	12/23/99	WSD	23.8		
Dibenz(a,h)anthracene	ug/l	ND	12/23/99	WSD	23.8		
Fluoranthene	ug/l	ND	12/23/99	WSD	11.9		
Fluorene	ug/l	ND	12/23/99	WSD	11.9		
Indeno(1,2,3-cd)pyrene	ug/l	ND	12/23/99	WSD	11.9		
2-Methylnaphthalene	ug/l	ND	12/23/99	WSD	11.9		

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SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886  
Job Number: 83-230  
Sample Matrix: WATER OTHER

Sampled: 12/17/99  
FIELD BLANK  
FB-05

	Units	99829296	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Naphthalene	ug/l	ND	12/23/99	WSD	11.9		
Phenanthrene	ug/l	ND	12/23/99	WSD	11.9		
Pyrene	ug/l	ND	12/23/99	WSD	35.7		

Analytical Method(s):

625/8270

SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE, FOLLOWED BY KUDERNA-DANISH  
EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or  
regulatory level for comparison with data to  
determine PASS (P) or FAIL (F) condition of results.



Purchase Order Number: 543199

LIMS-BAT #: LIMS-45886

Job Number: 83-230

Sample Matrix: WATER OTHER

Sampled: 12/15/99

FIELD BLANK

FB-03

	Units	99B29291	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/l	BDL	12/22/99	LL	0.46		

Sampled: 12/16/99

FIELD BLANK

FB-04

	Units	99B29292	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/l	BDL	12/22/99	LL	0.52		

Sampled: 12/17/99

FIELD BLANK

FB-05

	Units	99B29293	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Total Petroleum Hydrocarbons	mg/l	BDL	12/22/99	LL	0.50		

Analytical Method(s):

EPA 418.1

INFRA-RED DETERMINATION FOLLOWING LIQUID-LIQUID EXTRACTION OF HYDROCARBONS INTO 1,1,2-TRICHLORO- 1,2,2-TRIFLUOROETHANE (FREON 113)

MDL = Method Detection Limit  
 ND = Not Detected  
 BDL = Below Detection Limit  
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

The following notes were attached to the reported analysis:

Sample: 99B29275

Analysis: Methylene Chloride  
Suspected laboratory contamination.

Sample: 99B29276

Analysis: Acetone  
Suspected laboratory contamination.

MDL = Method Detection Limit  
ND = Not Detected  
BDL = Below Detection Limit  
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or  
regulatory level for comparison with data to  
determine PASS (P) or FAIL (F) condition of results.

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 01/05/00

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QC Batch Number: GCMS/SEMI-2199

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
99B29294	Nitrobenzene-d5	Surrogate Recovery	103.0	%	35.0-114.0
	2-Fluorobiphenyl	Surrogate Recovery	107.0	%	43.0-116.0
	Terphenyl-d14	Surrogate Recovery	117.0	%	33.0-141.0
99B29295	Nitrobenzene-d5	Surrogate Recovery	89.0	%	35.0-114.0
	2-Fluorobiphenyl	Surrogate Recovery	94.0	%	43.0-116.0
	Terphenyl-d14	Surrogate Recovery	107.0	%	33.0-141.0
99B29296	Nitrobenzene-d5	Surrogate Recovery	111.0	%	35.0-114.0
	2-Fluorobiphenyl	Surrogate Recovery	102.0	%	43.0-116.0
	Terphenyl-d14	Surrogate Recovery	113.5	%	33.0-141.0
BLANK-23188	Naphthalene	Blank	<10.00	ug/l	
	Acenaphthene	Blank	<10.00	ug/l	
	Acenaphthylene	Blank	<10.00	ug/l	
	Anthracene	Blank	<10.00	ug/l	
	Benzo(a)anthracene	Blank	<10.000	ug/l	
	Benzo(a)pyrene	Blank	<20.000	ug/l	
	Benzo(b)fluoranthene	Blank	<10.000	ug/l	
	Benzo(g,h,i)perylene	Blank	<30.000	ug/l	
	Chrysene	Blank	<20.00	ug/l	
	Dibenz(a,h)anthracen	Blank	<20.000	ug/l	
	Fluoranthene	Blank	<10.00	ug/l	
	Fluorene	Blank	<10.00	ug/l	
	Indeno(1,2,3-cd)pyre	Blank	<10.000	ug/l	
	2-Methylnaphthalene	Blank	<10.00	ug/l	
	Phenanthrene	Blank	<10.00	ug/l	
	Pyrene	Blank	<30.00	ug/l	
Benzo(k)fluoranthene	Blank	<20.000	ug/l		

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
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Report Date: 01/05/00

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QC Batch Number: GCMS/SEMI-2202

Sample Id	Analysis	QC Analysis	Values	Units	Limits
99B29259	Nitrobenzene-d5	Surrogate Recovery	43.8	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	50.0	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	66.8	%	18.0-137.0
99B29260	Nitrobenzene-d5	Surrogate Recovery	44.0	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	64.0	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	80.0	%	18.0-137.0
99B29261	Naphthalene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Acenaphthene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
		Sample Amount	<0.33	mg/kg	
		Matrix Spk Amt Added	3.33	mg/kg	
		MS Amt Measured	2.86	mg/kg	
		Matrix Spike % Rec.	85.91	%	
	Acenaphthylene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Anthracene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Benzo(a)anthracene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Benzo(a)pyrene	Sample Amount	<0.67	mg/kg	
		Duplicate Value	<0.67	mg/kg	
	Benzo(b)fluoranthene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Benzo(g,h,i)perylene	Sample Amount	<1.00	mg/kg	
		Duplicate Value	<1.00	mg/kg	
	Chrysene	Sample Amount	<0.67	mg/kg	
		Duplicate Value	<0.67	mg/kg	
	Dibenz(a,h)anthracen	Sample Amount	<0.67	mg/kg	
		Duplicate Value	<0.67	mg/kg	
	Fluoranthene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Fluorene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Indeno(1,2,3-cd)pyre	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	2-Methylnaphthalene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Phenanthrene	Sample Amount	<0.33	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
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QC Batch Number: GCMS/SEMI-2202

Sample Id	Analysis	QC Analysis	Values	Units	Limits
		Duplicate Value	<0.33	mg/kg	
	Pyrene	Sample Amount	<1.00	mg/kg	
		Duplicate Value	<1.00	mg/kg	
	Benzo(k)fluoranthene	Sample Amount	<0.67	mg/kg	
		Duplicate Value	<0.67	mg/kg	
	Nitrobenzene-d5	Surrogate Recovery	63.8	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	67.6	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	82.8	%	18.0-137.0
99B29262	Nitrobenzene-d5	Surrogate Recovery	89.0	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	94.4	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	112.5	%	18.0-137.0
99B29263	Naphthalene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Acenaphthene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
		Sample Amount	<0.33	mg/kg	
		Matrix Spk Amt Added	3.33	mg/kg	
		MS Amt Measured	1.81	mg/kg	
		Matrix Spike % Rec.	54.23	%	
	Acenaphthylene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Anthracene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Benzo(a)anthracene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Benzo(a)pyrene	Sample Amount	<0.67	mg/kg	
		Duplicate Value	<0.67	mg/kg	
	Benzo(b)fluoranthene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Benzo(g,h,i)perylene	Sample Amount	<1.00	mg/kg	
		Duplicate Value	<1.00	mg/kg	
	Chrysene	Sample Amount	<0.67	mg/kg	
		Duplicate Value	<0.67	mg/kg	
	Dibenz(a,h)anthracen	Sample Amount	<0.67	mg/kg	
		Duplicate Value	<0.67	mg/kg	
	Fluoranthene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Fluorene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
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Report Date: 01/03/00

Lims Bat #: LIMS-45847

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QC Batch Number: GCMS/SEMI-2194

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
99B29081	Nitrobenzene-d5	Surrogate Recovery	58.6	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	66.8	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	68.8	%	18.0-137.0
99B29082	Naphthalene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Acenaphthene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
		Sample Amount	<0.33	mg/kg	
		Matrix Spk Amt Added	3.33	mg/kg	
		MS Amt Measured	1.33	mg/kg	
		Matrix Spike % Rec.	40.00	%	
	Acenaphthylene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Anthracene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Benzo(a)anthracene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Benzo(a)pyrene	Sample Amount	<0.67	mg/kg	
		Duplicate Value	<0.67	mg/kg	
	Benzo(b)fluoranthene	Sample Amount	<0.33	mg/kg	
Duplicate Value		<0.33	mg/kg		
Benzo(g,h,i)perylene	Sample Amount	<1.00	mg/kg		
	Duplicate Value	<1.00	mg/kg		
Chrysene	Sample Amount	<0.67	mg/kg		
	Duplicate Value	<0.67	mg/kg		
Dibenz(a,h)anthracen	Sample Amount	<0.67	mg/kg		
	Duplicate Value	<0.67	mg/kg		
Fluoranthene	Sample Amount	<0.33	mg/kg		
	Duplicate Value	<0.33	mg/kg		
Fluorene	Sample Amount	<0.33	mg/kg		
	Duplicate Value	<0.33	mg/kg		
Indeno(1,2,3-cd)pyre	Sample Amount	<0.33	mg/kg		
	Duplicate Value	<0.33	mg/kg		
2-Methylnaphthalene	Sample Amount	<0.33	mg/kg		
	Duplicate Value	<0.33	mg/kg		
Phenanthrene	Sample Amount	<0.33	mg/kg		
	Duplicate Value	<0.33	mg/kg		
Pyrene	Sample Amount	<1.00	mg/kg		

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
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QC Batch Number: GCMS/SEMI-2194

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
		Duplicate Value	<1.00	mg/kg	
		Sample Amount	<1.00	mg/kg	
		Matrix Spk Amt Added	3.33	mg/kg	
		MS Amt Measured	1.67	mg/kg	
		Matrix Spike % Rec.	50.00	%	
	Benzo(k)fluoranthene	Sample Amount	<0.67	mg/kg	
		Duplicate Value	<0.67	mg/kg	
	Nitrobenzene-d5	Surrogate Recovery	63.2	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	63.6	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	71.8	%	18.0-137.0
99B29083	Nitrobenzene-d5	Surrogate Recovery	86.9	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	66.1	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	82.3	%	18.0-137.0
99B29084	Nitrobenzene-d5	Surrogate Recovery	77.7	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	64.3	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	78.7	%	18.0-137.0
99B29085	Nitrobenzene-d5	Surrogate Recovery	54.5	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	68.5	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	79.5	%	18.0-137.0
99B29086	Naphthalene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Acenaphthene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
		Sample Amount	<0.33	mg/kg	
		Matrix Spk Amt Added	3.33	mg/kg	
		MS Amt Measured	2.53	mg/kg	
		Matrix Spike % Rec.	76.00	%	
	Acenaphthylene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Anthracene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Benzo(a)anthracene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
		Duplicate RPD	16.51	%	
	Benzo(a)pyrene	Sample Amount	<0.67	mg/kg	
		Duplicate Value	<0.67	mg/kg	
	Benzo(b)fluoranthene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Benzo(g,h,i)perylene	Sample Amount	<1.00	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
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Report Date: 01/03/00

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QC Batch Number: GCMS/SEMI-2194

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
		Duplicate Value	<1.00	mg/kg	
	Chrysene	Sample Amount	<0.67	mg/kg	
		Duplicate Value	<0.67	mg/kg	
		Duplicate RPD	18.18	%	
	Dibenz(a,h)anthracen	Sample Amount	<0.67	mg/kg	
		Duplicate Value	<0.67	mg/kg	
	Fluoranthene	Sample Amount	0.45	mg/kg	
		Duplicate Value	0.40	mg/kg	
		Duplicate RPD	11.76	%	
	Fluorene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Indeno(1,2,3-cd)pyre	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	2-Methylnaphthalene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Phenanthrene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
		Duplicate RPD	11.76	%	
	Pyrene	Sample Amount	<1.00	mg/kg	
		Duplicate Value	<1.00	mg/kg	
		Duplicate RPD	18.18	%	
		Sample Amount	<1.00	mg/kg	
		Matrix Spk Amt Added	3.33	mg/kg	
		MS Amt Measured	3.10	mg/kg	
		Matrix Spike % Rec.	81.00	%	
	Benzo(k)fluoranthene	Sample Amount	<0.67	mg/kg	
		Duplicate Value	<0.67	mg/kg	
	Nitrobenzene-d5	Surrogate Recovery	61.0	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	68.7	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	86.0	%	18.0-137.0
99829087	Nitrobenzene-d5	Surrogate Recovery	59.7	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	72.6	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	85.8	%	18.0-137.0
99829088	Nitrobenzene-d5	Surrogate Recovery	67.5	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	88.5	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	117.5	%	18.0-137.0
99829089	Nitrobenzene-d5	Surrogate Recovery	91.1	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	72.8	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	83.9	%	18.0-137.0



QC SUMMARY REPORT

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BATCH QC: Lab Fortified Blanks and Duplicates  
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QC Batch Number: GCMS/SEMI-2194

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
99B29090	Nitrobenzene-d5	Surrogate Recovery	85.9	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	71.7	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	80.2	%	18.0-137.0
BLANK-23165	Naphthalene	Blank	<0.33	mg/kg	
	Acenaphthene	Blank	<0.33	mg/kg	
	Acenaphthylene	Blank	<0.33	mg/kg	
	Anthracene	Blank	<0.33	mg/kg	
	Benzo(a)anthracene	Blank	<0.33	mg/kg	
	Benzo(a)pyrene	Blank	<0.67	mg/kg	
	Benzo(b)fluoranthene	Blank	<0.33	mg/kg	
	Benzo(g,h,i)perylene	Blank	<1.00	mg/kg	
	Chrysene	Blank	<0.67	mg/kg	
	Dibenz(a,h)anthracene	Blank	<0.67	mg/kg	
	Fluoranthene	Blank	<0.33	mg/kg	
	Fluorene	Blank	<0.33	mg/kg	
	Indeno(1,2,3-cd)pyrene	Blank	<0.33	mg/kg	
	2-Methylnaphthalene	Blank	<0.33	mg/kg	
	Phenanthrene	Blank	<0.67	mg/kg	
	Pyrene	Blank	<1.00	mg/kg	
	Benzo(k)fluoranthene	Blank	<0.67	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
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Method Blanks

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QC Batch Number: GCMS/SEMI-2195

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
99B29091	Nitrobenzene-d5	Surrogate Recovery	58.2	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	72.0	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	84.8	%	18.0-137.0
99B29092	Nitrobenzene-d5	Surrogate Recovery	72.0	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	96.0	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	118.0	%	18.0-137.0
99B29093	Nitrobenzene-d5	Surrogate Recovery	57.4	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	78.0	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	92.0	%	18.0-137.0
99B29094	Nitrobenzene-d5	Surrogate Recovery	97.1	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	69.9	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	85.1	%	18.0-137.0
99B29095	Nitrobenzene-d5	Surrogate Recovery	61.7	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	62.1	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	80.0	%	18.0-137.0
99B29096	Nitrobenzene-d5	Surrogate Recovery	117.0	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	80.0	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	111.0	%	18.0-137.0
99B29097	Nitrobenzene-d5	Surrogate Recovery	85.1	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	70.7	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	109.1	%	18.0-137.0
99B29098	Nitrobenzene-d5	Surrogate Recovery	56.6	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	67.7	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	95.4	%	18.0-137.0
99B29099	Nitrobenzene-d5	Surrogate Recovery	42.7	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	55.1	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	91.5	%	18.0-137.0
99B29100	Nitrobenzene-d5	Surrogate Recovery	77.0	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	71.6	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	89.7	%	18.0-137.0
99B29101	Nitrobenzene-d5	Surrogate Recovery	45.4	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	67.3	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	93.0	%	18.0-137.0

QC SUMMARY REPORT

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 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
 Standard Reference Materials and Duplicates  
 Method Blanks

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QC Batch Number: GCMS/SEM1-2196

Sample Id	Analysis	QC Analysis	Values	Units	Limits
99B29104	Nitrobenzene-d5	Surrogate Recovery	70.4	%	35.0-114.0
	2-Fluorobiphenyl	Surrogate Recovery	101.8	%	43.0-116.0
	Terphenyl-d14	Surrogate Recovery	111.0	%	33.0-141.0
99B29105	Nitrobenzene-d5	Surrogate Recovery	103.4	%	35.0-114.0
	2-Fluorobiphenyl	Surrogate Recovery	103.4	%	43.0-116.0
	Terphenyl-d14	Surrogate Recovery	124.4	%	33.0-141.0
BLANK-23171	Naphthalene	Blank	<10.00	ug/l	
	Acenaphthene	Blank	<10.00	ug/l	
	Acenaphthylene	Blank	<10.00	ug/l	
	Anthracene	Blank	<10.00	ug/l	
	Benzo(a)anthracene	Blank	<10.000	ug/l	
	Benzo(a)pyrene	Blank	<20.000	ug/l	
	Benzo(b)fluoranthene	Blank	<10.000	ug/l	
	Benzo(g,h,i)perylene	Blank	<30.000	ug/l	
	Chrysene	Blank	<20.00	ug/l	
	Dibenz(a,h)anthracen	Blank	<20.000	ug/l	
	Fluoranthene	Blank	<10.00	ug/l	
	Fluorene	Blank	<10.00	ug/l	
	Indeno(1,2,3-cd)pyre	Blank	<10.000	ug/l	
	2-Methylnaphthalene	Blank	<10.00	ug/l	
	Phenanthrene	Blank	<10.00	ug/l	
	Pyrene	Blank	<30.00	ug/l	
	Benzo(k)fluoranthene	Blank	<20.000	ug/l	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
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QC Batch Number: GCMS/VOL-4565

Sample Id	Analysis	QC Analysis	Values	Units	Limits
99B29081	Benzene	Sample Amount	<0.003	mg/kg	
		Matrix Spk Amt Added	0.250	mg/kg	
		MS Amt Measured	0.277	mg/kg	
		Matrix Spike % Rec.	110.800	%	
	Toluene	Sample Amount	<0.004	mg/kg	
		Matrix Spk Amt Added	0.250	mg/kg	
		MS Amt Measured	0.276	mg/kg	
		Matrix Spike % Rec.	110.200	%	
	Trichloroethylene	Sample Amount	<0.005	mg/kg	
		Matrix Spk Amt Added	0.250	mg/kg	
		MS Amt Measured	0.266	mg/kg	
		Matrix Spike % Rec.	106.400	%	
	1,1-Dichloroethylene	Sample Amount	<0.003	mg/kg	
		Matrix Spk Amt Added	0.250	mg/kg	
		MS Amt Measured	0.279	mg/kg	
		Matrix Spike % Rec.	111.600	%	
	Chlorobenzene	Sample Amount	<0.003	mg/kg	
		Matrix Spk Amt Added	0.250	mg/kg	
		MS Amt Measured	0.238	mg/kg	
		Matrix Spike % Rec.	95.000	%	
	1,2-Dichloroethane-d	Surrogate Recovery	111.760	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	94.380	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	90.440	%	62.000-137.000
99B29082	1,2-Dichloroethane-d	Surrogate Recovery	106.400	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	87.960	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	86.880	%	62.000-137.000
99B29083	1,2-Dichloroethane-d	Surrogate Recovery	125.600	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	95.560	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	96.000	%	62.000-137.000
99B29084	1,2-Dichloroethane-d	Surrogate Recovery	122.600	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	90.480	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	89.440	%	62.000-137.000
99B29085	1,2-Dichloroethane-d	Surrogate Recovery	112.080	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	88.320	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	86.680	%	62.000-137.000
99B29086	1,2-Dichloroethane-d	Surrogate Recovery	116.800	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	116.800	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	83.720	%	62.000-137.000
99B29087	1,2-Dichloroethane-d	Surrogate Recovery	121.720	%	56.000-128.000

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QC Batch Number: GCMS/VOL-4565

Sample Id	Analysis	QC Analysis	Values	Units	Limits
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99B29088	Toluene-d8	Surrogate Recovery	97.480	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	96.360	%	62.000-137.000
	1,2-Dichloroethane-d	Surrogate Recovery	122.040	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	101.160	%	65.000-113.000
99B29089	Bromofluorobenzene	Surrogate Recovery	96.720	%	62.000-137.000
	1,2-Dichloroethane-d	Surrogate Recovery	125.560	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	96.960	%	65.000-113.000
99B29090	Bromofluorobenzene	Surrogate Recovery	99.000	%	62.000-137.000
	1,2-Dichloroethane-d	Surrogate Recovery	127.720	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	88.760	%	65.000-113.000
99B29091	Bromofluorobenzene	Surrogate Recovery	99.800	%	62.000-137.000
	1,2-Dichloroethane-d	Surrogate Recovery	118.000	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	96.880	%	65.000-113.000
99B29092	Bromofluorobenzene	Surrogate Recovery	88.960	%	62.000-137.000
	1,2-Dichloroethane-d	Surrogate Recovery	124.840	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	95.640	%	65.000-113.000
BLANK-23109	Bromofluorobenzene	Surrogate Recovery	91.040	%	62.000-137.000
	Acetone	Blank	<0.250	mg/kg	
	Benzene	Blank	<0.003	mg/kg	
	Carbon Tetrachloride	Blank	<0.002	mg/kg	
	Chloroform	Blank	<0.004	mg/kg	
	1,2-Dichloroethane	Blank	<0.004	mg/kg	
	1,4-Dichlorobenzene	Blank	<0.004	mg/kg	
	Ethyl Benzene	Blank	<0.003	mg/kg	
	2-Butanone (MEK)	Blank	<0.060	mg/kg	
	MIBK	Blank	<0.044	mg/kg	
	Naphthalene	Blank	<0.005	mg/kg	
	Styrene	Blank	<0.004	mg/kg	
	Tetrachloroethylene	Blank	<0.002	mg/kg	
	Toluene	Blank	<0.004	mg/kg	
	1,1,1-Trichloroethane	Blank	<0.004	mg/kg	
	Trichloroethylene	Blank	<0.005	mg/kg	
Trichlorofluoromethane	Blank	<0.004	mg/kg		
o + p Xylene	Blank	<0.002	mg/kg		
m-Xylene	Blank	<0.006	mg/kg		
1,2-Dichlorobenzene	Blank	<0.004	mg/kg		
1,3-Dichlorobenzene	Blank	<0.003	mg/kg		
1,1-Dichloroethane	Blank	<0.004	mg/kg		
1,1-Dichloroethylene	Blank	<0.003	mg/kg		

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SAMPLE QC: Sample Results with Duplicates  
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QC Batch Number: GCMS/VOL-4565

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
	MTBE	Blank	<0.004	mg/kg	
	trans-1,2-Dichloroet	Blank	<0.004	mg/kg	
	Vinyl Chloride	Blank	<0.002	mg/kg	
	Methylene Chloride	Blank	<0.075	mg/kg	
	Chlorobenzene	Blank	<0.003	mg/kg	
	Chloromethane	Blank	<0.075	mg/kg	
	Bromomethane	Blank	<0.006	mg/kg	
	Chloroethane	Blank	<0.004	mg/kg	
	cis-1,3-Dichloroprop	Blank	<0.002	mg/kg	
	trans-1,3-Dichloropr	Blank	<0.002	mg/kg	
	Chlorodibromomethane	Blank	<0.002	mg/kg	
	1,1,2-Trichloroethan	Blank	<0.004	mg/kg	
	2-Chloroethylvinylet	Blank	<0.048	mg/kg	
	Bromoform	Blank	<0.006	mg/kg	
	1,1,2,2-Tetrachloroe	Blank	<0.007	mg/kg	
	2-Chlorotoluene	Blank	<0.003	mg/kg	
	Hexachlorobutadiene	Blank	<0.006	mg/kg	
	Isopropylbenzene	Blank	<0.003	mg/kg	
	p-Isopropyltoluene	Blank	<0.004	mg/kg	
	n-Propylbenzene	Blank	<0.004	mg/kg	
	sec-Butylbenzene	Blank	<0.003	mg/kg	
	tert-Butylbenzene	Blank	<0.004	mg/kg	
	1,2,3-Trichlorobenze	Blank	<0.004	mg/kg	
	1,2,4-Trichlorobenze	Blank	<0.004	mg/kg	
	1,2,4-Trimethylbenze	Blank	<0.004	mg/kg	
	1,3,5-Trimethylbenze	Blank	<0.005	mg/kg	
	Dibromomethane	Blank	<0.006	mg/kg	
	cis-1,2-Dichloroethy	Blank	<0.002	mg/kg	
	4-Chlorotoluene	Blank	<0.003	mg/kg	
	1,1-Dichloropropene	Blank	<0.007	mg/kg	
	1,2-Dichloropropane	Blank	<0.003	mg/kg	
	1,3-Dichloropropane	Blank	<0.002	mg/kg	
	2,2-Dichloropropane	Blank	<0.004	mg/kg	
	1,1,1,2-Tetrachloroe	Blank	<0.002	mg/kg	
	1,2,3-Trichloropropa	Blank	<0.006	mg/kg	
	n-Butylbenzene	Blank	<0.004	mg/kg	
	Dichlorodifluorometh	Blank	<0.005	mg/kg	
	Bromochloromethane	Blank	<0.004	mg/kg	
	Bromobenzene	Blank	<0.002	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
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QC Batch Number: GCMS/VOL-4565

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
	Iodomethane	Blank	<0.004	mg/kg	
	Acrolein	Blank	<0.100	mg/kg	
	Acrylonitrile	Blank	<0.038	mg/kg	
	Carbon Disulfide	Blank	<0.015	mg/kg	
	Vinyl Acetate	Blank	<0.082	mg/kg	
	2-Hexanone	Blank	<0.048	mg/kg	
	trans-1,4-Dichloro-2	Blank	<0.010	mg/kg	
	Ethyl Methacrylate	Blank	<0.004	mg/kg	
	cis-1,4-Dichloro-2-B	Blank	<0.012	mg/kg	
	Bromodichloromethane	Blank	<0.002	mg/kg	
	1,2-Dibromo-3-Chloro	Blank	<0.008	mg/kg	
	1,2-Dibromoethane	Blank	<0.004	mg/kg	

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QC Batch Number: GCMS/VOL-4566

Sample Id	Analysis	QC Analysis	Values	Units	Limits
99B29093	1,2-Dichloroethane-d	Surrogate Recovery	126.040	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	91.880	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	98.840	%	62.000-137.000
99B29094	1,2-Dichloroethane-d	Surrogate Recovery	117.280	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	96.520	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	93.040	%	62.000-137.000
99B29095	1,2-Dichloroethane-d	Surrogate Recovery	124.800	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	96.160	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	89.440	%	62.000-137.000
99B29096	1,2-Dichloroethane-d	Surrogate Recovery	102.080	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	106.160	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	107.640	%	62.000-137.000
99B29097	Acetone	Sample Amount	<0.250	mg/kg	
		Duplicate Value	<0.250	mg/kg	
	Benzene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
		Sample Amount	<0.003	mg/kg	
		Matrix Spk Amt Added	0.250	mg/kg	
		MS Amt Measured	0.234	mg/kg	
		Matrix Spike % Rec.	93.400	%	
	Carbon Tetrachloride	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	Chloroform	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,2-Dichloroethane	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,4-Dichlorobenzene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	Ethyl Benzene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
	2-Butanone (MEK)	Sample Amount	<0.060	mg/kg	
		Duplicate Value	<0.060	mg/kg	
	MIBK	Sample Amount	<0.044	mg/kg	
		Duplicate Value	<0.044	mg/kg	
	Naphthalene	Sample Amount	<0.005	mg/kg	
		Duplicate Value	<0.005	mg/kg	
	Styrene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	Tetrachloroethylene	Sample Amount	<0.002	mg/kg	



QC SUMMARY REPORT

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QC Batch Number: GCMS/VOL-4566

Sample Id	Analysis	QC Analysis	Values	Units	Limits
		-----	-----	-----	-----
	Toluene	Duplicate Value	<0.002	mg/kg	
		Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
		Sample Amount	<0.004	mg/kg	
		Matrix Spk Amt Added	0.250	mg/kg	
		MS Amt Measured	0.206	mg/kg	
		Matrix Spike % Rec.	82.600	%	
	1,1,1-Trichloroethan	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	Trichloroethylene	Sample Amount	<0.005	mg/kg	
		Duplicate Value	<0.005	mg/kg	
		Sample Amount	<0.005	mg/kg	
		Matrix Spk Amt Added	0.250	mg/kg	
		MS Amt Measured	0.184	mg/kg	
		Matrix Spike % Rec.	73.600	%	
	Trichlorofluorometha	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	o + p Xylene	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	m-Xylene	Sample Amount	<0.006	mg/kg	
		Duplicate Value	<0.006	mg/kg	
	1,2-Dichlorobenzene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,3-Dichlorobenzene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
	1,1-Dichloroethane	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,1-Dichloroethylene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
		Sample Amount	<0.003	mg/kg	
		Matrix Spk Amt Added	0.250	mg/kg	
		MS Amt Measured	0.188	mg/kg	
		Matrix Spike % Rec.	75.000	%	
	MTBE	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	trans-1,2-Dichloroet	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	Vinyl Chloride	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	

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QC Batch Number: GCMS/VOL-4566

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
	Methylene Chloride	Sample Amount	<0.075	mg/kg	
		Duplicate Value	<0.075	mg/kg	
	Chlorobenzene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
		Sample Amount	<0.003	mg/kg	
		Matrix Spk Amt Added	0.250	mg/kg	
		MS Amt Measured	0.207	mg/kg	
		Matrix Spike % Rec.	82.800	%	
	Chloromethane	Sample Amount	<0.075	mg/kg	
		Duplicate Value	<0.075	mg/kg	
	Bromomethane	Sample Amount	<0.006	mg/kg	
		Duplicate Value	<0.006	mg/kg	
	Chloroethane	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	cis-1,3-Dichloroprop	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	trans-1,3-Dichloropr	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	Chlorodibromomethane	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	1,1,2-Trichloroethan	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	2-Chloroethylvinylet	Sample Amount	<0.048	mg/kg	
		Duplicate Value	<0.048	mg/kg	
	Bromoform	Sample Amount	<0.006	mg/kg	
		Duplicate Value	<0.006	mg/kg	
	1,1,2,2-Tetrachloroe	Sample Amount	<0.007	mg/kg	
		Duplicate Value	<0.007	mg/kg	
	2-Chlorotoluene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
	Hexachlorobutadiene	Sample Amount	<0.006	mg/kg	
		Duplicate Value	<0.006	mg/kg	
	Isopropylbenzene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
	p-Isopropyltoluene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	n-Propylbenzene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	sec-Butylbenzene	Sample Amount	<0.003	mg/kg	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
		Duplicate Value	<0.003	mg/kg	
	tert-Butylbenzene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,2,3-Trichlorobenze	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,2,4-Trichlorobenze	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,2,4-Trimethylbenze	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,3,5-Trimethylbenze	Sample Amount	<0.005	mg/kg	
		Duplicate Value	<0.005	mg/kg	
	Dibromomethane	Sample Amount	<0.006	mg/kg	
		Duplicate Value	<0.006	mg/kg	
	cis-1,2-Dichloroethy	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	4-Chlorotoluene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
	1,1-Dichloropropene	Sample Amount	<0.007	mg/kg	
		Duplicate Value	<0.007	mg/kg	
	1,2-Dichloropropane	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
	1,3-Dichloropropane	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	2,2-Dichloropropane	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,1,1,2-Tetrachloroe	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	1,2,3-Trichloropropa	Sample Amount	<0.006	mg/kg	
		Duplicate Value	<0.006	mg/kg	
	n-Butylbenzene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	Dichlorodifluorometh	Sample Amount	<0.005	mg/kg	
		Duplicate Value	<0.005	mg/kg	
	Bromochloromethane	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	Bromobenzene	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	Iodomethane	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	

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QC Batch Number: GCMS/VOL-4566

Sample Id	Analysis	QC Analysis	Values	Units	Limits
	Acrolein	Sample Amount	<0.100	mg/kg	
		Duplicate Value	<0.100	mg/kg	
	Acrylonitrile	Sample Amount	<0.038	mg/kg	
		Duplicate Value	<0.038	mg/kg	
	Carbon Disulfide	Sample Amount	<0.015	mg/kg	
		Duplicate Value	<0.015	mg/kg	
	Vinyl Acetate	Sample Amount	<0.082	mg/kg	
		Duplicate Value	<0.082	mg/kg	
	2-Hexanone	Sample Amount	<0.048	mg/kg	
		Duplicate Value	<0.048	mg/kg	
	trans-1,4-Dichloro-2	Sample Amount	<0.010	mg/kg	
		Duplicate Value	<0.010	mg/kg	
	Ethyl Methacrylate	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	cis-1,4-Dichloro-2-B	Sample Amount	<0.012	mg/kg	
		Duplicate Value	<0.012	mg/kg	
	Bromodichloromethane	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	1,2-Dichloroethane-d	Surrogate Recovery	104.160	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	103.960	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	102.480	%	62.000-137.000
99B29098	1,2-Dichloroethane-d	Surrogate Recovery	105.280	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	102.200	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	102.400	%	62.000-137.000
99B29099	1,2-Dichloroethane-d	Surrogate Recovery	104.760	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	104.520	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	103.040	%	62.000-137.000
99B29100	1,2-Dichloroethane-d	Surrogate Recovery	103.440	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	104.720	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	96.040	%	62.000-137.000
99B29101	1,2-Dichloroethane-d	Surrogate Recovery	109.960	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	93.400	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	95.920	%	62.000-137.000
BLANK-23117	Acetone	Blank	<0.250	mg/kg	
	Benzene	Blank	<0.003	mg/kg	
	Carbon Tetrachloride	Blank	<0.002	mg/kg	
	Chloroform	Blank	<0.004	mg/kg	
	1,2-Dichloroethane	Blank	<0.004	mg/kg	
	1,4-Dichlorobenzene	Blank	<0.004	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 01/03/00

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QC Batch Number: GCMS/VOL-4566

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
	Ethyl Benzene	Blank	<0.003	mg/kg	
	2-Butanone (MEK)	Blank	<0.060	mg/kg	
	MIBK	Blank	<0.044	mg/kg	
	Naphthalene	Blank	<0.005	mg/kg	
	Styrene	Blank	<0.004	mg/kg	
	Tetrachloroethylene	Blank	<0.002	mg/kg	
	Toluene	Blank	<0.004	mg/kg	
	1,1,1-Trichloroethan	Blank	<0.004	mg/kg	
	Trichloroethylene	Blank	<0.005	mg/kg	
	Trichlorofluorometha	Blank	<0.004	mg/kg	
	o + p Xylene	Blank	<0.002	mg/kg	
	m-Xylene	Blank	<0.006	mg/kg	
	1,2-Dichlorobenzene	Blank	<0.004	mg/kg	
	1,3-Dichlorobenzene	Blank	<0.003	mg/kg	
	1,1-Dichloroethane	Blank	<0.004	mg/kg	
	1,1-Dichloroethylene	Blank	<0.003	mg/kg	
	MTBE	Blank	<0.004	mg/kg	
	trans-1,2-Dichloroet	Blank	<0.004	mg/kg	
	Vinyl Chloride	Blank	<0.002	mg/kg	
	Methylene Chloride	Blank	<0.075	mg/kg	
	Chlorobenzene	Blank	<0.003	mg/kg	
	Chloromethane	Blank	<0.075	mg/kg	
	Bromomethane	Blank	<0.006	mg/kg	
	Chloroethane	Blank	<0.004	mg/kg	
	cis-1,3-Dichloroprop	Blank	<0.002	mg/kg	
	trans-1,3-Dichloropr	Blank	<0.002	mg/kg	
	Chlorodibromomethane	Blank	<0.002	mg/kg	
	1,1,2-Trichloroethan	Blank	<0.004	mg/kg	
	2-Chloroethylvinylet	Blank	<0.048	mg/kg	
	Bromoform	Blank	<0.006	mg/kg	
	1,1,2,2-Tetrachloroe	Blank	<0.007	mg/kg	
	2-Chlorotoluene	Blank	<0.003	mg/kg	
	Hexachlorobutadiene	Blank	<0.006	mg/kg	
	Isopropylbenzene	Blank	<0.003	mg/kg	
	p-Isopropyltoluene	Blank	<0.004	mg/kg	
	n-Propylbenzene	Blank	<0.004	mg/kg	
	sec-Butylbenzene	Blank	<0.003	mg/kg	
	tert-Butylbenzene	Blank	<0.004	mg/kg	
	1,2,3-Trichlorobenze	Blank	<0.004	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 01/03/00

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QC Batch Number: GCMS/VOL-4566

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
	1,2,4-Trichlorobenze	Blank	<0.004	mg/kg	
	1,2,4-Trimethylbenze	Blank	<0.004	mg/kg	
	1,3,5-Trimethylbenze	Blank	<0.005	mg/kg	
	Dibromomethane	Blank	<0.006	mg/kg	
	cis-1,2-Dichloroethy	Blank	<0.002	mg/kg	
	4-Chlorotoluene	Blank	<0.003	mg/kg	
	1,1-Dichloropropene	Blank	<0.007	mg/kg	
	1,2-Dichloropropane	Blank	<0.003	mg/kg	
	1,3-Dichloropropane	Blank	<0.002	mg/kg	
	2,2-Dichloropropane	Blank	<0.004	mg/kg	
	1,1,1,2-Tetrachloroe	Blank	<0.002	mg/kg	
	1,2,3-Trichloropropa	Blank	<0.006	mg/kg	
	n-Butylbenzene	Blank	<0.004	mg/kg	
	Dichlorodifluorometh	Blank	<0.005	mg/kg	
	Bromochloromethane	Blank	<0.004	mg/kg	
	Bromobenzene	Blank	<0.002	mg/kg	
	Iodomethane	Blank	<0.004	mg/kg	
	Acrolein	Blank	<0.100	mg/kg	
	Acrylonitrile	Blank	<0.038	mg/kg	
	Carbon Disulfide	Blank	<0.015	mg/kg	
	Vinyl Acetate	Blank	<0.082	mg/kg	
	2-Hexanone	Blank	<0.043	mg/kg	
	trans-1,4-Dichloro-2	Blank	<0.010	mg/kg	
	Ethyl Methacrylate	Blank	<0.004	mg/kg	
	cis-1,4-Dichloro-2-B	Blank	<0.012	mg/kg	
	Bromodichloromethane	Blank	<0.002	mg/kg	
	1,2-Dibromo-3-Chloro	Blank	<0.008	mg/kg	
	1,2-Dibromoethane	Blank	<0.004	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
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QC Batch Number: GCMS/VOL-4575

Sample Id	Analysis	QC Analysis	Values	Units	Limits
99B29102	1,2-Dichloroethane-d	Surrogate Recovery	73.1	%	56.0-128.0
	Toluene-d8	Surrogate Recovery	103.9	%	65.0-113.0
	Bromofluorobenzene	Surrogate Recovery	92.8	%	62.0-137.0
99B29103	1,2-Dichloroethane-d	Surrogate Recovery	67.6	%	56.0-128.0
	Toluene-d8	Surrogate Recovery	101.8	%	65.0-113.0
	Bromofluorobenzene	Surrogate Recovery	94.5	%	62.0-137.0
99B29104	1,2-Dichloroethane-d	Surrogate Recovery	65.9	%	56.0-128.0
	Toluene-d8	Surrogate Recovery	101.2	%	65.0-113.0
	Bromofluorobenzene	Surrogate Recovery	93.5	%	62.0-137.0
99B29105	1,2-Dichloroethane-d	Surrogate Recovery	67.2	%	56.0-128.0
	Toluene-d8	Surrogate Recovery	99.3	%	65.0-113.0
	Bromofluorobenzene	Surrogate Recovery	90.8	%	62.0-137.0
BLANK-23147	Acetone	Blank	<50.0	ug/l	
	Benzene	Blank	<0.6	ug/l	
	Carbon Tetrachloride	Blank	<0.5	ug/l	
	Chloroform	Blank	<0.8	ug/l	
	1,2-Dichloroethane	Blank	<0.9	ug/l	
	1,4-Dichlorobenzene	Blank	<0.8	ug/l	
	Ethyl Benzene	Blank	<0.6	ug/l	
	2-Butanone (MEK)	Blank	<12.0	ug/l	
	MIBK	Blank	<8.8	ug/l	
	Naphthalene	Blank	<1.0	ug/l	
	Styrene	Blank	<0.7	ug/l	
	Tetrachloroethylene	Blank	<0.4	ug/l	
	Toluene	Blank	<0.7	ug/l	
	1,1,1-Trichloroethan	Blank	<0.9	ug/l	
	Trichloroethylene	Blank	<1.0	ug/l	
	Trichlorofluorometha	Blank	<0.7	ug/l	
	o + p Xylene	Blank	<0.5	ug/l	
	m-Xylene	Blank	<1.3	ug/l	
	1,2-Dichlorobenzene	Blank	<0.8	ug/l	
	1,3-Dichlorobenzene	Blank	<0.6	ug/l	
	1,1-Dichloroethane	Blank	<0.7	ug/l	
	1,1-Dichloroethylene	Blank	<0.6	ug/l	
	MTBE	Blank	<0.8	ug/l	
	trans-1,2-Dichloroet	Blank	<0.8	ug/l	
	Vinyl Chloride	Blank	<0.3	ug/l	
	Methylene Chloride	Blank	<3.0	ug/l	
	Chlorobenzene	Blank	<0.6	ug/l	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

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QC Batch Number: GCMS/VOL-4575

Sample Id	Analysis	QC Analysis	Values	Units	Limits
	Chloromethane	Blank	<1.2	ug/l	
	Bromomethane	Blank	<1.2	ug/l	
	Chloroethane	Blank	<0.8	ug/l	
	cis-1,3-Dichloroprop	Blank	<0.5	ug/l	
	trans-1,3-Dichloropr	Blank	<0.4	ug/l	
	Chlorodibromomethane	Blank	<0.5	ug/l	
	1,1,2-Trichloroethan	Blank	<0.7	ug/l	
	2-Chloroethylvinylet	Blank	<9.6	ug/l	
	Bromoform	Blank	<1.2	ug/l	
	1,1,2,2-Tetrachloroe	Blank	<1.4	ug/l	
	2-Chlorotoluene	Blank	<0.6	ug/l	
	Hexachlorobutadiene	Blank	<1.3	ug/l	
	Isopropylbenzene	Blank	<0.6	ug/l	
	p-Isopropyltoluene	Blank	<0.7	ug/l	
	n-Propylbenzene	Blank	<0.8	ug/l	
	sec-Butylbenzene	Blank	<0.6	ug/l	
	tert-Butylbenzene	Blank	<0.3	ug/l	
	1,2,3-Trichlorobenze	Blank	<0.7	ug/l	
	1,2,4-Trichlorobenze	Blank	<0.7	ug/l	
	1,2,4-Trimethylbenze	Blank	<0.7	ug/l	
	1,3,5-Trimethylbenze	Blank	<1.0	ug/l	
	Dibromomethane	Blank	<1.1	ug/l	
	cis-1,2-Dichloroethy	Blank	<0.5	ug/l	
	4-Chlorotoluene	Blank	<0.6	ug/l	
	1,1-Dichloropropene	Blank	<1.4	ug/l	
	1,2-Dichloropropane	Blank	<0.6	ug/l	
	1,3-Dichloropropane	Blank	<0.5	ug/l	
	2,2-Dichloropropane	Blank	<0.9	ug/l	
	1,1,1,2-Tetrachloroe	Blank	<0.5	ug/l	
	1,2,3-Trichloropropa	Blank	<1.3	ug/l	
	n-Butylbenzene	Blank	<0.7	ug/l	
	Dichlorodifluorometh	Blank	<1.0	ug/l	
	Bromochloromethane	Blank	<0.7	ug/l	
	Bromobenzene	Blank	<0.5	ug/l	
	Iodomethane	Blank	<0.8	ug/l	
	Acrolein	Blank	<20.0	ug/l	
	Acrylonitrile	Blank	<7.6	ug/l	
	Carbon Disulfide	Blank	<3.0	ug/l	
	Vinyl Acetate	Blank	<16.4	ug/l	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
 Standard Reference Materials and Duplicates  
 Method Blanks

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QC Batch Number: GCMS/VOL-4575

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
	2-Hexanone	Blank	<9.7	ug/l	
	trans-1,4-Dichloro-2	Blank	<2.1	ug/l	
	Ethyl Methacrylate	Blank	<0.8	ug/l	
	cis-1,4-Dichloro-2-B	Blank	<2.4	ug/l	
	Bromodichloromethane	Blank	<0.4	ug/l	
	1,2-Dibromo-3-Chloro	Blank	<1.6	ug/l	
	1,2-Dibromoethane	Blank	<0.7	ug/l	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
 Standard Reference Materials and Duplicates  
 Method Blanks

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QC Batch Number: HG-1320

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
BLANK-23019	Mercury	Blank	<0.00004	mg/l	
STDADD-14088	Mercury	Standard Measured	0.00202	mg/l	
		Standard Amt Added	0.00200	mg/l	
		Standard % Recovery	101.00000	%	88.60000-114.00000

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
 Standard Reference Materials and Duplicates  
 Method Blanks

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QC Batch Number: HG-1321

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
99B29085	Mercury	Sample Amount	<0.010	mg/kg	
		Duplicate Value	<0.010	mg/kg	
		Sample Amount	<0.010	mg/kg	
		Matrix Spk Amt Added	0.397	mg/kg	
		MS Amt Measured	0.351	mg/kg	
		Matrix Spike % Rec.	88.500	%	
		Sample Amount	<0.007	mg/kg	
99B29086	Mercury	Duplicate Value	<0.007	mg/kg	
		Blank	<0.010	mg/kg	
BLANK-23023	Mercury	Lab Fort Blank Amt.	0.500	mg/kg	
LFBLANK-10369	Mercury	Lab Fort Blk. Found	0.440	mg/kg	
		Lab Fort Blk. % Rec.	88.000	%	
		Dup Lab Fort Bl Amt.	0.500	mg/kg	
		Dup Lab Fort Bl. Fnd	0.438	mg/kg	
		Dup Lab Fort Bl %Rec	87.500	%	
		Lab Fort Blank Range	0.500	units	
		Lab Fort Bl. Av. Rec	87.750	%	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
 Standard Reference Materials and Duplicates  
 Method Blanks

Report Date: 01/03/00

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QC Batch Number: HG/TCLP-0646

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
99B29060	Mercury	Sample Amount	<0.00004	MG/L LEACHATE	
		Matrix Spk Amt Added	0.00200	MG/L LEACHATE	
		MS Amt Measured	0.00236	MG/L LEACHATE	
		Matrix Spike % Rec.	118.00000	%	0.25000-150.00000
99B29071	Mercury	Sample Amount	<0.00004	MG/L LEACHATE	
		Matrix Spk Amt Added	0.00200	MG/L LEACHATE	
		MS Amt Measured	0.00215	MG/L LEACHATE	
		Matrix Spike % Rec.	107.50000	%	0.25000-150.00000
99B29080	Mercury	Sample Amount	<0.00004	MG/L LEACHATE	
		Matrix Spk Amt Added	0.00200	MG/L LEACHATE	
		MS Amt Measured	0.00220	MG/L LEACHATE	
		Matrix Spike % Rec.	110.00000	%	0.25000-150.00000
BLANK-23173	Mercury	Blank	<0.00004	MG/L LEACHATE	
STDADD-14166	Mercury	Standard Measured	0.00214	MG/L LEACHATE	
		Standard Amt Added	0.00200	MG/L LEACHATE	
		Standard % Recovery	107.00000	%	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

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QC Batch Number: ICP-4028

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
99829086	Silver	Sample Amount	<0.50	mg/kg	
		Duplicate Value	<0.50	mg/kg	
		Duplicate RPD	0.00	%	
	Arsenic	Sample Amount	<5.00	mg/kg	
		Duplicate Value	<5.00	mg/kg	
		Duplicate RPD	11.11	%	
	Barium	Sample Amount	11.02	mg/kg	
		Duplicate Value	11.12	mg/kg	
		Duplicate RPD	0.95	%	
	Cadmium	Sample Amount	0.10	mg/kg	
		Duplicate Value	0.08	mg/kg	
		Duplicate RPD	11.11	%	
	Chromium	Sample Amount	9.35	mg/kg	
		Duplicate Value	10.29	mg/kg	
		Duplicate RPD	9.57	%	
Lead	Sample Amount	4.20	mg/kg		
	Duplicate Value	3.33	mg/kg		
	Duplicate RPD	23.11	%		
Selenium	Sample Amount	<5.00	mg/kg		
	Duplicate Value	<5.00	mg/kg		
	Duplicate RPD	0.00	%		
99829096	Silver	Sample Amount	<0.50	mg/kg	
		Duplicate Value	<0.50	mg/kg	
		Duplicate RPD	0.00	%	
	Arsenic	Sample Amount	<0.50	mg/kg	
		Matrix Spk Amt Added	100.00	mg/kg	
		MS Amt Measured	90.15	mg/kg	
		Matrix Spike % Rec.	90.15	%	
		Sample Amount	<5.00	mg/kg	
		Duplicate Value	<5.00	mg/kg	
	Barium	Sample Amount	<5.00	mg/kg	
		Matrix Spk Amt Added	100.00	mg/kg	
		MS Amt Measured	89.00	mg/kg	
		Matrix Spike % Rec.	89.00	%	
		Sample Amount	15.28	mg/kg	
		Duplicate Value	13.90	mg/kg	
Barium	Duplicate RPD	9.43	%		
	Sample Amount	15.28	mg/kg		
	Matrix Spk Amt Added	100.00	mg/kg		
	MS Amt Measured	110.35	mg/kg		
	Matrix Spike % Rec.	95.08	%		

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

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QC Batch Number: ICP-4028

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
	Cadmium	Sample Amount	<0.05	mg/kg	
		Duplicate Value	<0.05	mg/kg	
		Duplicate RPD	0.00	%	
		Sample Amount	<0.05	mg/kg	
		Matrix Spk Amt Added	100.00	mg/kg	
		MS Amt Measured	91.50	mg/kg	
		Matrix Spike % Rec.	91.50	%	
	Chromium	Sample Amount	4.86	mg/kg	
		Duplicate Value	4.46	mg/kg	
		Duplicate RPD	8.70	%	
		Sample Amount	4.86	mg/kg	
		Matrix Spk Amt Added	100.00	mg/kg	
		MS Amt Measured	100.20	mg/kg	
		Matrix Spike % Rec.	95.34	%	
	Lead	Sample Amount	7.03	mg/kg	
		Duplicate Value	7.26	mg/kg	
		Duplicate RPD	3.22	%	
		Sample Amount	7.03	mg/kg	
		Matrix Spk Amt Added	100.00	mg/kg	
		MS Amt Measured	100.55	mg/kg	
		Matrix Spike % Rec.	93.52	%	
	Selenium	Sample Amount	<5.00	mg/kg	
		Duplicate Value	<5.00	mg/kg	
		Sample Amount	<5.00	mg/kg	
		Matrix Spk Amt Added	100.00	mg/kg	
		MS Amt Measured	95.10	mg/kg	
		Matrix Spike % Rec.	95.10	%	
LFBLANK-10361	Silver	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	88.30	mg/kg	
		Lab Fort Blk. % Rec.	88.30	%	
	Arsenic	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	90.10	mg/kg	
		Lab Fort Blk. % Rec.	90.10	%	
	Barium	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	91.33	mg/kg	
		Lab Fort Blk. % Rec.	91.33	%	
	Cadmium	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	88.90	mg/kg	
		Lab Fort Blk. % Rec.	88.90	%	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
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QC Batch Number: ICP-4028

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
LFBLANK-10362	Chromium	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	92.65	mg/kg	
		Lab Fort Blk. % Rec.	92.65	%	
	Lead	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	91.80	mg/kg	
		Lab Fort Blk. % Rec.	91.80	%	
	Selenium	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	87.95	mg/kg	
		Lab Fort Blk. % Rec.	87.95	%	
	Silver	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	88.85	mg/kg	
		Lab Fort Blk. % Rec.	88.85	%	
	Arsenic	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	89.40	mg/kg	
		Lab Fort Blk. % Rec.	89.40	%	
	Barium	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	90.93	mg/kg	
		Lab Fort Blk. % Rec.	90.93	%	
Cadmium	Lab Fort Blank Amt.	100.00	mg/kg		
	Lab Fort Blk. Found	89.55	mg/kg		
	Lab Fort Blk. % Rec.	89.55	%		
Chromium	Lab Fort Blank Amt.	100.00	mg/kg		
	Lab Fort Blk. Found	93.70	mg/kg		
	Lab Fort Blk. % Rec.	93.70	%		
Lead	Lab Fort Blank Amt.	100.00	mg/kg		
	Lab Fort Blk. Found	92.50	mg/kg		
	Lab Fort Blk. % Rec.	92.50	%		
Selenium	Lab Fort Blank Amt.	100.00	mg/kg		
	Lab Fort Blk. Found	92.35	mg/kg		
	Lab Fort Blk. % Rec.	92.35	%		

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 01/03/00

Lims Bat #: LIMS-45847

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QC Batch Number: ICP-4046

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-23129	Silver	Blank	<0.002	mg/l	
	Arsenic	Blank	<0.02	mg/l	
	Barium	Blank	<0.0005	mg/l	
	Cadmium	Blank	<0.0002	mg/l	
	Chromium	Blank	<0.002	mg/l	
	Lead	Blank	<0.01	mg/l	
	Selenium	Blank	<0.02	mg/l	
STDADD-14145	Silver	Standard Measured	1.016	mg/l	
		Standard Amt Added	1.000	mg/l	
		Standard % Recovery	101.600	%	87.200-116.000
	Arsenic	Standard Measured	0.97	mg/l	
		Standard Amt Added	1.00	mg/l	
		Standard % Recovery	97.14	%	85.20-113.00
	Barium	Standard Measured	1.0830	mg/l	
		Standard Amt Added	1.0000	mg/l	
		Standard % Recovery	108.3000	%	90.2000-116.0000
	Cadmium	Standard Measured	1.0660	mg/l	
		Standard Amt Added	1.0000	mg/l	
		Standard % Recovery	106.6000	%	86.0000-112.0000
	Chromium	Standard Measured	1.026	mg/l	
		Standard Amt Added	1.000	mg/l	
		Standard % Recovery	102.600	%	89.600-117.000
	Lead	Standard Measured	1.09	mg/l	
		Standard Amt Added	1.00	mg/l	
		Standard % Recovery	108.80	%	87.20-113.00
	Selenium	Standard Measured	0.91	mg/l	
		Standard Amt Added	1.00	mg/l	
		Standard % Recovery	90.63	%	86.30-113.00



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
 Standard Reference Materials and Duplicates  
 Method Blanks

Report Date: 01/03/00

Lims Bat #: LIMS-45847

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QC Batch Number: ICP/TCLP-0945

Sample Id	Analysis	QC Analysis	Values	Units	Limits
99829060	Silver	Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.35	MG/L LEACHATE	
		Matrix Spike % Rec.	69.54	%	0.00-168.00
	Arsenic	Sample Amount	<0.02	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.50	MG/L LEACHATE	
		Matrix Spike % Rec.	100.82	%	23.00-132.00
	Barium	Sample Amount	0.15	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.61	MG/L LEACHATE	
		Matrix Spike % Rec.	92.08	%	29.00-146.00
	Cadmium	Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.49	MG/L LEACHATE	
		Matrix Spike % Rec.	97.06	%	37.00-131.00
Chromium	Sample Amount	<0.01	MG/L LEACHATE		
	Matrix Spk Amt Added	0.50	MG/L LEACHATE		
	MS Amt Measured	0.48	MG/L LEACHATE		
	Matrix Spike % Rec.	95.24	%	0.45-122.00	
Lead	Sample Amount	<0.01	MG/L LEACHATE		
	Matrix Spk Amt Added	0.50	MG/L LEACHATE		
	MS Amt Measured	0.47	MG/L LEACHATE		
	Matrix Spike % Rec.	94.12	%	21.00-143.00	
Selenium	Sample Amount	<0.02	MG/L LEACHATE		
	Matrix Spk Amt Added	0.50	MG/L LEACHATE		
	MS Amt Measured	0.45	MG/L LEACHATE		
	Matrix Spike % Rec.	90.30	%	17.00-150.00	
99829071	Silver	Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.48	MG/L LEACHATE	
		Matrix Spike % Rec.	96.70	%	0.00-168.00
	Arsenic	Sample Amount	<0.02	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.45	MG/L LEACHATE	
		Matrix Spike % Rec.	89.24	%	23.00-132.00
	Barium	Sample Amount	0.34	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.77	MG/L LEACHATE	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 01/03/00

Lims Bat #: LIMS-45847

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QC Batch Number: ICP/TCLP-0945

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
		Matrix Spike % Rec.	85.66	%	29.00-146.00
	Cadmium	Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.46	MG/L LEACHATE	
		Matrix Spike % Rec.	92.54	%	37.00-131.00
	Chromium	Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.45	MG/L LEACHATE	
		Matrix Spike % Rec.	89.94	%	0.45-122.00
	Lead	Sample Amount	0.10	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.57	MG/L LEACHATE	
		Matrix Spike % Rec.	94.08	%	21.00-143.00
	Selenium	Sample Amount	<0.02	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.44	MG/L LEACHATE	
		Matrix Spike % Rec.	88.38	%	17.00-150.00
99B29080	Silver	Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.46	MG/L LEACHATE	
		Matrix Spike % Rec.	91.66	%	0.00-168.00
	Arsenic	Sample Amount	<0.02	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.45	MG/L LEACHATE	
		Matrix Spike % Rec.	89.86	%	23.00-132.00
	Barium	Sample Amount	0.11	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.57	MG/L LEACHATE	
		Matrix Spike % Rec.	90.46	%	29.00-146.00
	Cadmium	Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.47	MG/L LEACHATE	
		Matrix Spike % Rec.	94.28	%	37.00-131.00
	Chromium	Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.46	MG/L LEACHATE	
		Matrix Spike % Rec.	92.48	%	0.45-122.00
	Lead	Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 01/03/00

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QC Batch Number: ICP/TCLP-0945

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
		MS Amt Measured	0.46	MG/L LEACHATE	
		Matrix Spike % Rec.	92.48	%	21.00-143.00
	Selenium	Sample Amount	<0.02	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.37	MG/L LEACHATE	
		Matrix Spike % Rec.	74.92	%	17.00-150.00
BLANK-23130	Silver	Blank	<0.01	MG/L LEACHATE	
	Arsenic	Blank	<0.02	MG/L LEACHATE	
	Barium	Blank	0.11	MG/L LEACHATE	
	Cadmium	Blank	<0.01	MG/L LEACHATE	
	Chromium	Blank	<0.01	MG/L LEACHATE	
	Lead	Blank	<0.01	MG/L LEACHATE	
	Selenium	Blank	<0.02	MG/L LEACHATE	
STDADD-14146	Silver	Standard Measured	1.09	MG/L LEACHATE	
		Standard Amt Added	1.00	MG/L LEACHATE	
		Standard % Recovery	109.40	%	
	Arsenic	Standard Measured	0.97	MG/L LEACHATE	
		Standard Amt Added	1.00	MG/L LEACHATE	
		Standard % Recovery	97.14	%	
	Barium	Standard Measured	1.08	MG/L LEACHATE	
		Standard Amt Added	1.00	MG/L LEACHATE	
		Standard % Recovery	108.30	%	
	Cadmium	Standard Measured	1.07	MG/L LEACHATE	
		Standard Amt Added	1.00	MG/L LEACHATE	
		Standard % Recovery	106.60	%	
	Chromium	Standard Measured	1.03	MG/L LEACHATE	
		Standard Amt Added	1.00	MG/L LEACHATE	
		Standard % Recovery	102.60	%	
	Lead	Standard Measured	1.09	MG/L LEACHATE	
		Standard Amt Added	1.00	MG/L LEACHATE	
		Standard % Recovery	108.80	%	
	Selenium	Standard Measured	0.91	MG/L LEACHATE	
		Standard Amt Added	1.00	MG/L LEACHATE	
		Standard % Recovery	90.63	%	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
 Standard Reference Materials and Duplicates  
 Method Blanks

Report Date: 01/03/00

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QC Batch Number: TPH-1505

Sample Id	Analysis	QC Analysis	Values	Units	Limits
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99B29090	Total Petroleum Hydr	Sample Amount	20.76	mg/kg	
		Duplicate Value	20.65	mg/kg	
		Duplicate RPD	0.52	%	
		Sample Amount	20.76	mg/kg	
		Matrix Spk Amt Added	1862.00	mg/kg	
		MS Amt Measured	1528.01	mg/kg	
		Matrix Spike % Rec.	80.95	%	50.20-124.00
99B29100	Total Petroleum Hydr	Sample Amount	72.40	mg/kg	
		Duplicate Value	50.49	mg/kg	
		Duplicate RPD	35.67	%	
		Sample Amount	72.40	mg/kg	
		Matrix Spk Amt Added	1869.00	mg/kg	
		MS Amt Measured	1583.87	mg/kg	
		Matrix Spike % Rec.	80.87	%	50.20-124.00
99B29101	Total Petroleum Hydr	Sample Amount	<18.64	mg/kg	
		Duplicate Value	<18.64	mg/kg	
		Duplicate RPD	57.33	%	
		Sample Amount	<18.64	mg/kg	
		Matrix Spk Amt Added	1879.00	mg/kg	
		MS Amt Measured	1565.09	mg/kg	
		Matrix Spike % Rec.	82.40	%	50.20-124.00
STDADD-14105	Total Petroleum Hydr	Standard Measured	2055.23	mg/kg	
		Standard Amt Added	2036.00	mg/kg	
		Standard % Recovery	100.94	%	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
 Standard Reference Materials and Duplicates  
 Method Blanks

Report Date: 01/03/00

Lims Bat #: LIMS-45847

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QC Batch Number: TPH-1506

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
LFBLANK-10379	Total Petroleum Hydr	Lab Fort Blank Amt.	20.00	mg/l	
		Lab Fort Blk. Found	17.01	mg/l	
		Lab Fort Blk. % Rec.	85.05	%	
		Dup Lab Fort Bl Amt.	20.00	mg/l	
		Dup Lab Fort Bl. Fnd	18.00	mg/l	
		Dup Lab Fort Bl %Rec	90.00	%	
		Lab Fort Blank Range	4.95	units	0.00-16.30
		Lab Fort Bl. Av. Rec	87.52	%	73.50-107.00

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 01/05/00

Lims Bat #: LIMS-45886

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QC Batch Number: GCMS/SEMI-2202

Sample Id	Analysis	QC Analysis	Values	Units	Limits
	Indeno(1,2,3-cd)pyre	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	2-Methylnaphthalene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Phenanthrene	Sample Amount	<0.33	mg/kg	
		Duplicate Value	<0.33	mg/kg	
	Pyrene	Sample Amount	<1.00	mg/kg	
		Duplicate Value	<1.00	mg/kg	
		Sample Amount	<1.00	mg/kg	
		Matrix Spk Amt Added	3.33	mg/kg	
		MS Amt Measured	1.80	mg/kg	
		Matrix Spike % Rec.	53.93	%	
	Benzo(k)fluoranthene	Sample Amount	<0.67	mg/kg	
		Duplicate Value	<0.67	mg/kg	
	Nitrobenzene-d5	Surrogate Recovery	72.6	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	82.6	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	87.7	%	18.0-137.0
99B29264	Nitrobenzene-d5	Surrogate Recovery	51.7	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	71.5	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	87.7	%	18.0-137.0
99B29265	Nitrobenzene-d5	Surrogate Recovery	72.8	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	74.6	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	93.9	%	18.0-137.0
99B29266	Nitrobenzene-d5	Surrogate Recovery	42.1	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	49.0	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	64.2	%	18.0-137.0
99B29267	Nitrobenzene-d5	Surrogate Recovery	42.8	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	51.4	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	98.5	%	18.0-137.0
99B29268	Nitrobenzene-d5	Surrogate Recovery	63.6	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	74.1	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	99.3	%	18.0-137.0
BLANK-23209	Naphthalene	Blank	<0.33	mg/kg	
	Acenaphthene	Blank	<0.33	mg/kg	
	Acenaphthylene	Blank	<0.33	mg/kg	
	Anthracene	Blank	<0.33	mg/kg	
	Benzo(a)anthracene	Blank	<0.33	mg/kg	
	Benzo(a)pyrene	Blank	<0.67	mg/kg	
	Benzo(b)fluoranthene	Blank	<0.33	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
 Standard Reference Materials and Duplicates  
 Method Blanks

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QC Batch Number: GCMS/SEMI-2202

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
	Benzo(g,h,i)perylene	Blank	<1.00	mg/kg	
	Chrysene	Blank	<0.67	mg/kg	
	Dibenz(a,h)anthracen	Blank	<0.67	mg/kg	
	Fluoranthene	Blank	<0.33	mg/kg	
	Fluorene	Blank	<0.33	mg/kg	
	Indeno(1,2,3-cd)pyre	Blank	<0.33	mg/kg	
	2-Methylnaphthalene	Blank	<0.33	mg/kg	
	Phenanthrene	Blank	<0.33	mg/kg	
	Pyrene	Blank	<1.00	mg/kg	
	Benzo(k)fluoranthene	Blank	<0.67	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 01/05/00

Lims Bat #: LIMS-45886

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QC Batch Number: GCMS/SEMI-2203

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
99829269	Nitrobenzene-d5	Surrogate Recovery	27.0	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	49.0	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	82.4	%	18.0-137.0
99829270	Nitrobenzene-d5	Surrogate Recovery	64.0	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	73.8	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	95.7	%	18.0-137.0
99829271	Nitrobenzene-d5	Surrogate Recovery	66.6	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	74.0	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	96.5	%	18.0-137.0
99829272	Nitrobenzene-d5	Surrogate Recovery	59.8	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	60.5	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	78.8	%	18.0-137.0
99829273	Nitrobenzene-d5	Surrogate Recovery	57.6	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	69.0	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	85.4	%	18.0-137.0
99829274	Nitrobenzene-d5	Surrogate Recovery	60.5	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	60.4	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	78.7	%	18.0-137.0
99829275	Nitrobenzene-d5	Surrogate Recovery	44.8	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	66.0	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	101.8	%	13.0-137.0
99829276	Nitrobenzene-d5	Surrogate Recovery	35.4	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	50.4	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	86.2	%	18.0-137.0
99829277	Nitrobenzene-d5	Surrogate Recovery	54.6	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	49.7	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	66.2	%	18.0-137.0
99829278	Nitrobenzene-d5	Surrogate Recovery	62.8	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	74.8	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	90.5	%	18.0-137.0



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 01/05/00

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QC Batch Number: GCMS/SEMI-2204

Sample Id	Analysis	QC Analysis	Values	Units	Limits
99829279	Nitrobenzene-d5	Surrogate Recovery	66.6	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	72.4	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	90.9	%	18.0-137.0
99829280	Nitrobenzene-d5	Surrogate Recovery	65.0	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	73.9	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	93.7	%	18.0-137.0
99829281	Nitrobenzene-d5	Surrogate Recovery	50.1	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	60.6	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	85.2	%	18.0-137.0
99829282	Nitrobenzene-d5	Surrogate Recovery	66.8	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	71.2	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	85.6	%	18.0-137.0
99829283	Nitrobenzene-d5	Surrogate Recovery	37.3	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	68.6	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	104.5	%	18.0-137.0
99829284	Nitrobenzene-d5	Surrogate Recovery	37.5	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	53.3	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	127.7	%	18.0-137.0
99829285	Nitrobenzene-d5	Surrogate Recovery	40.4	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	70.4	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	105.0	%	18.0-137.0
99829286	Nitrobenzene-d5	Surrogate Recovery	58.8	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	54.8	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	78.8	%	18.0-137.0
99829287	Nitrobenzene-d5	Surrogate Recovery	56.8	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	58.8	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	78.1	%	18.0-137.0
99829288	Nitrobenzene-d5	Surrogate Recovery	48.3	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	57.8	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	79.4	%	18.0-137.0
99829289	Nitrobenzene-d5	Surrogate Recovery	56.3	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	67.5	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	89.8	%	18.0-137.0
99829290	Nitrobenzene-d5	Surrogate Recovery	47.0	%	23.0-120.0
	2-Fluorobiphenyl	Surrogate Recovery	52.8	%	25.0-121.0
	Terphenyl-d14	Surrogate Recovery	85.0	%	18.0-137.0

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

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QC Batch Number: GCMS/VOL-4577

Sample Id	Analysis	QC Analysis	Values	Units	Limits
99B29300	1,2-Dichloroethane-d	Surrogate Recovery	110.6	%	56.0-128.0
	Toluene-d8	Surrogate Recovery	88.6	%	65.0-113.0
	Bromofluorobenzene	Surrogate Recovery	107.2	%	62.0-137.0
99B29301	1,2-Dichloroethane-d	Surrogate Recovery	112.4	%	56.0-128.0
	Toluene-d8	Surrogate Recovery	87.0	%	65.0-113.0
	Bromofluorobenzene	Surrogate Recovery	106.8	%	62.0-137.0
99B29302	1,2-Dichloroethane-d	Surrogate Recovery	109.2	%	56.0-128.0
	Toluene-d8	Surrogate Recovery	83.0	%	65.0-113.0
	Bromofluorobenzene	Surrogate Recovery	106.5	%	62.0-137.0
99B29303	1,2-Dichloroethane-d	Surrogate Recovery	112.6	%	56.0-128.0
	Toluene-d8	Surrogate Recovery	87.8	%	65.0-113.0
	Bromofluorobenzene	Surrogate Recovery	107.3	%	62.0-137.0
99B29304	1,2-Dichloroethane-d	Surrogate Recovery	113.2	%	56.0-128.0
	Toluene-d8	Surrogate Recovery	86.1	%	65.0-113.0
	Bromofluorobenzene	Surrogate Recovery	107.6	%	62.0-137.0
99B29305	1,2-Dichloroethane-d	Surrogate Recovery	113.7	%	56.0-128.0
	Toluene-d8	Surrogate Recovery	87.2	%	65.0-113.0
	Bromofluorobenzene	Surrogate Recovery	108.6	%	62.0-137.0
BLANK-23152	Acetone	Blank	<50.0	ug/l	
	Benzene	Blank	<0.6	ug/l	
	Carbon Tetrachloride	Blank	<0.5	ug/l	
	Chloroform	Blank	<0.8	ug/l	
	1,2-Dichloroethane	Blank	<0.9	ug/l	
	1,4-Dichlorobenzene	Blank	<0.8	ug/l	
	Ethyl Benzene	Blank	<0.6	ug/l	
	2-Butanone (MEK)	Blank	<12.0	ug/l	
	MIBK	Blank	<8.8	ug/l	
	Naphthalene	Blank	<1.0	ug/l	
	Styrene	Blank	<0.7	ug/l	
	Tetrachloroethylene	Blank	<0.4	ug/l	
	Toluene	Blank	<0.7	ug/l	
	1,1,1-Trichloroethane	Blank	<0.9	ug/l	
	Trichloroethylene	Blank	<1.0	ug/l	
	Trichlorofluoromethane	Blank	<0.7	ug/l	
	o + p Xylene	Blank	<0.5	ug/l	
	m-Xylene	Blank	<1.3	ug/l	
	1,2-Dichlorobenzene	Blank	<0.8	ug/l	
	1,3-Dichlorobenzene	Blank	<0.6	ug/l	
	1,1-Dichloroethane	Blank	<0.7	ug/l	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
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Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
	1,1-Dichloroethylene	Blank	<0.6	ug/l	
	MTBE	Blank	<0.8	ug/l	
	trans-1,2-Dichloroet	Blank	<0.8	ug/l	
	Vinyl Chloride	Blank	<0.3	ug/l	
	Methylene Chloride	Blank	<3.0	ug/l	
	Chlorobenzene	Blank	<0.6	ug/l	
	Chloromethane	Blank	<1.2	ug/l	
	Bromomethane	Blank	<1.2	ug/l	
	Chloroethane	Blank	<0.8	ug/l	
	cis-1,3-Dichloroprop	Blank	<0.5	ug/l	
	trans-1,3-Dichloropr	Blank	<0.4	ug/l	
	Chlorodibromomethane	Blank	<0.5	ug/l	
	1,1,2-Trichloroethan	Blank	<0.7	ug/l	
	2-Chloroethylvinylet	Blank	<9.6	ug/l	
	Bromoform	Blank	<1.2	ug/l	
	1,1,2,2-Tetrachloroe	Blank	<1.4	ug/l	
	2-Chlorotoluene	Blank	<0.6	ug/l	
	Hexachlorobutadiene	Blank	<1.5	ug/l	
	Isopropylbenzene	Blank	<0.6	ug/l	
	p-Isopropyltoluene	Blank	<0.7	ug/l	
	n-Propylbenzene	Blank	<0.8	ug/l	
	sec-Butylbenzene	Blank	<0.6	ug/l	
	tert-Butylbenzene	Blank	<0.8	ug/l	
	1,2,3-Trichlorobenze	Blank	<0.7	ug/l	
	1,2,4-Trichlorobenze	Blank	<0.7	ug/l	
	1,2,4-Trimethylbenze	Blank	<0.7	ug/l	
	1,3,5-Trimethylbenze	Blank	<1.0	ug/l	
	Dibromomethane	Blank	<1.1	ug/l	
	cis-1,2-Dichloroethy	Blank	<0.5	ug/l	
	4-Chlorotoluene	Blank	<0.6	ug/l	
	1,1-Dichloropropene	Blank	<1.4	ug/l	
	1,2-Dichloropropane	Blank	<0.6	ug/l	
	1,3-Dichloropropane	Blank	<0.5	ug/l	
	2,2-Dichloropropane	Blank	<0.9	ug/l	
	1,1,1,2-Tetrachloroe	Blank	<0.5	ug/l	
	1,2,3-Trichloropropa	Blank	<1.3	ug/l	
	n-Butylbenzene	Blank	<0.7	ug/l	
	Dichlorodifluorometh	Blank	<1.0	ug/l	
	Bromochloromethane	Blank	<0.7	ug/l	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
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QC Batch Number: GCMS/VOL-4577

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
	Bromobenzene	Blank	<0.5	ug/l	
	Iodomethane	Blank	<0.8	ug/l	
	Acrolein	Blank	<20.0	ug/l	
	Acrylonitrile	Blank	<7.6	ug/l	
	Carbon Disulfide	Blank	<3.0	ug/l	
	Vinyl Acetate	Blank	<16.4	ug/l	
	2-Hexanone	Blank	<9.7	ug/l	
	trans-1,4-Dichloro-2	Blank	<2.1	ug/l	
	Ethyl Methacrylate	Blank	<0.8	ug/l	
	cis-1,4-Dichloro-2-B	Blank	<2.4	ug/l	
	Bromodichloromethane	Blank	<0.4	ug/l	
	1,2-Dibromo-3-Chloro	Blank	<1.6	ug/l	
	1,2-Dibromoethane	Blank	<0.7	ug/l	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

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QC Batch Number: GCMS/VOL-4587

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
99B29259	1,2-Dichloroethane-d	Surrogate Recovery	108.800	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	100.400	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	101.200	%	62.000-137.000
99B29260	1,2-Dichloroethane-d	Surrogate Recovery	104.400	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	100.400	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	95.600	%	62.000-137.000
99B29261	1,2-Dichloroethane-d	Surrogate Recovery	104.400	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	101.600	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	96.000	%	62.000-137.000
99B29262	1,2-Dichloroethane-d	Surrogate Recovery	106.400	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	102.000	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	96.000	%	62.000-137.000
99B29263	1,2-Dichloroethane-d	Surrogate Recovery	105.200	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	104.000	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	99.600	%	62.000-137.000
99B29264	1,2-Dichloroethane-d	Surrogate Recovery	108.000	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	103.600	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	97.600	%	62.000-137.000
99B29265	1,2-Dichloroethane-d	Surrogate Recovery	104.000	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	103.200	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	94.000	%	62.000-137.000
99B29266	1,2-Dichloroethane-d	Surrogate Recovery	107.200	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	103.200	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	99.200	%	62.000-137.000
99B29267	1,2-Dichloroethane-d	Surrogate Recovery	108.000	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	103.200	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	95.600	%	62.000-137.000
99B29268	1,2-Dichloroethane-d	Surrogate Recovery	109.600	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	106.400	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	92.800	%	62.000-137.000
BLANK-23194	Acetone	Blank	<0.250	mg/kg	
	Benzene	Blank	<0.003	mg/kg	
	Carbon Tetrachloride	Blank	<0.002	mg/kg	
	Chloroform	Blank	<0.004	mg/kg	
	1,2-Dichloroethane	Blank	<0.004	mg/kg	
	1,4-Dichlorobenzene	Blank	<0.004	mg/kg	
	Ethyl Benzene	Blank	<0.003	mg/kg	
	2-Butanone (MEK)	Blank	<0.060	mg/kg	
	MIBK	Blank	<0.044	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
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Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
	Naphthalene	Blank	<0.005	mg/kg	
	Styrene	Blank	<0.004	mg/kg	
	Tetrachloroethylene	Blank	<0.002	mg/kg	
	Toluene	Blank	<0.004	mg/kg	
	1,1,1-Trichloroethan	Blank	<0.004	mg/kg	
	Trichloroethylene	Blank	<0.005	mg/kg	
	Trichlorofluorometha	Blank	<0.004	mg/kg	
	o + p Xylene	Blank	<0.002	mg/kg	
	m-Xylene	Blank	<0.006	mg/kg	
	1,2-Dichlorobenzene	Blank	<0.004	mg/kg	
	1,3-Dichlorobenzene	Blank	<0.003	mg/kg	
	1,1-Dichloroethane	Blank	<0.004	mg/kg	
	1,1-Dichloroethylene	Blank	<0.003	mg/kg	
	MTBE	Blank	<0.004	mg/kg	
	trans-1,2-Dichloroet	Blank	<0.004	mg/kg	
	Vinyl Chloride	Blank	<0.002	mg/kg	
	Methylene Chloride	Blank	<0.075	mg/kg	
	Chlorobenzene	Blank	<0.003	mg/kg	
	Chloromethane	Blank	<0.075	mg/kg	
	Bromomethane	Blank	<0.006	mg/kg	
	Chloroethane	Blank	<0.004	mg/kg	
	cis-1,3-Dichloroprop	Blank	<0.002	mg/kg	
	trans-1,3-Dichloropr	Blank	<0.002	mg/kg	
	Chlorodibromomethane	Blank	<0.002	mg/kg	
	1,1,2-Trichloroethan	Blank	<0.004	mg/kg	
	2-Chloroethylvinylet	Blank	<0.048	mg/kg	
	Bromoform	Blank	<0.006	mg/kg	
	1,1,2,2-Tetrachloroe	Blank	<0.007	mg/kg	
	2-Chlorotoluene	Blank	<0.003	mg/kg	
	Hexachlorobutadiene	Blank	<0.006	mg/kg	
	Isopropylbenzene	Blank	<0.003	mg/kg	
	p-Isopropyltoluene	Blank	<0.004	mg/kg	
	n-Propylbenzene	Blank	<0.004	mg/kg	
	sec-Butylbenzene	Blank	<0.003	mg/kg	
	tert-Butylbenzene	Blank	<0.004	mg/kg	
	1,2,3-Trichlorobenze	Blank	<0.004	mg/kg	
	1,2,4-Trichlorobenze	Blank	<0.004	mg/kg	
	1,2,4-Trimethylbenze	Blank	<0.004	mg/kg	
	1,3,5-Trimethylbenze	Blank	<0.005	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
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QC Batch Number: GCMS/VOL-4587

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
	Dibromomethane	Blank	<0.006	mg/kg	
	cis-1,2-Dichloroethy	Blank	<0.002	mg/kg	
	4-Chlorotoluene	Blank	<0.003	mg/kg	
	1,1-Dichloropropene	Blank	<0.007	mg/kg	
	1,2-Dichloropropene	Blank	<0.003	mg/kg	
	1,3-Dichloropropene	Blank	<0.002	mg/kg	
	2,2-Dichloropropene	Blank	<0.004	mg/kg	
	1,1,1,2-Tetrachloroe	Blank	<0.002	mg/kg	
	1,2,3-Trichloropropa	Blank	<0.006	mg/kg	
	n-Butylbenzene	Blank	<0.004	mg/kg	
	Dichlorodifluorometh	Blank	<0.005	mg/kg	
	Bromochloromethane	Blank	<0.004	mg/kg	
	Bromobenzene	Blank	<0.002	mg/kg	
	Iodomethane	Blank	<0.004	mg/kg	
	Acrolein	Blank	<0.100	mg/kg	
	Acrylonitrile	Blank	<0.038	mg/kg	
	Carbon Disulfide	Blank	<0.015	mg/kg	
	Vinyl Acetate	Blank	<0.082	mg/kg	
	2-Hexanone	Blank	<0.048	mg/kg	
	trans-1,4-Dichloro-2	Blank	<0.010	mg/kg	
	Ethyl Methacrylate	Blank	<0.004	mg/kg	
	cis-1,4-Dichloro-2-B	Blank	<0.012	mg/kg	
	Bromodichloromethane	Blank	<0.002	mg/kg	
	1,2-Dibromo-3-Chloro	Blank	<0.008	mg/kg	
	1,2-Dibromoethane	Blank	<0.004	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
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QC Batch Number: GCMS/VOL-4588

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
99B29269	1,2-Dichloroethane-d	Surrogate Recovery	107.600	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	98.400	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	98.800	%	62.000-137.000
99B29270	1,2-Dichloroethane-d	Surrogate Recovery	86.000	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	110.000	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	95.200	%	62.000-137.000
99B29271	1,2-Dichloroethane-d	Surrogate Recovery	88.800	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	107.200	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	92.800	%	62.000-137.000
99B29272	Acetone	Sample Amount	<0.250	mg/kg	
		Duplicate Value	<0.250	mg/kg	
	Benzene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
	Carbon Tetrachloride	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	Chloroform	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,2-Dichloroethane	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,4-Dichlorobenzene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	Ethyl Benzene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
	2-Butanone (MEK)	Sample Amount	<0.060	mg/kg	
		Duplicate Value	<0.060	mg/kg	
	MIBK	Sample Amount	<0.044	mg/kg	
		Duplicate Value	<0.044	mg/kg	
	Naphthalene	Sample Amount	<0.005	mg/kg	
		Duplicate Value	<0.005	mg/kg	
	Styrene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	Tetrachloroethylene	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	Toluene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	



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SAMPLE QC: Sample Results with Duplicates  
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Sample Id	Analysis	QC Analysis	Values	Units	Limits
		Sample Amount	<0.004	mg/kg	
		Matrix Spk Amt Added	0.250	mg/kg	
		MS Amt Measured	0.215	mg/kg	
		Matrix Spike % Rec.	84.600	%	
1,1,1-Trichloroethan		Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
Trichloroethylene		Sample Amount	<0.005	mg/kg	
		Duplicate Value	<0.005	mg/kg	
		Sample Amount	<0.005	mg/kg	
		Matrix Spk Amt Added	0.250	mg/kg	
		MS Amt Measured	0.190	mg/kg	
		Matrix Spike % Rec.	74.000	%	
Trichlorofluorometha		Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
o + p Xylene		Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
m-Xylene		Sample Amount	<0.006	mg/kg	
		Duplicate Value	<0.006	mg/kg	
1,2-Dichlorobenzene		Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
1,3-Dichlorobenzene		Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
1,1-Dichloroethane		Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
1,1-Dichloroethylene		Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
		Sample Amount	<0.003	mg/kg	
		Matrix Spk Amt Added	0.250	mg/kg	
		MS Amt Measured	0.190	mg/kg	
		Matrix Spike % Rec.	74.800	%	
MTBE		Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
trans-1,2-Dichloroet		Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
Vinyl Chloride		Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
Methylene Chloride		Sample Amount	<0.075	mg/kg	
		Duplicate Value	<0.075	mg/kg	
Chlorobenzene		Sample Amount	<0.003	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
		Duplicate Value	<0.003	mg/kg	
		Sample Amount	<0.003	mg/kg	
		Matrix Spk Amt Added	0.250	mg/kg	
		MS Amt Measured	0.170	mg/kg	
		Matrix Spike % Rec.	68.000	%	
	Chloromethane	Sample Amount	<0.075	mg/kg	
		Duplicate Value	<0.075	mg/kg	
	Bromomethane	Sample Amount	<0.006	mg/kg	
		Duplicate Value	<0.006	mg/kg	
	Chloroethane	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	cis-1,3-Dichloroprop	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	trans-1,3-Dichloropr	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	Chlorodibromomethane	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	1,1,2-Trichloroethan	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	2-Chloroethylvinylet	Sample Amount	<0.048	mg/kg	
		Duplicate Value	<0.048	mg/kg	
	Bromoform	Sample Amount	<0.006	mg/kg	
		Duplicate Value	<0.006	mg/kg	
	1,1,2,2-Tetrachloroe	Sample Amount	<0.007	mg/kg	
		Duplicate Value	<0.007	mg/kg	
	2-Chlorotoluene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
	Hexachlorobutadiene	Sample Amount	<0.006	mg/kg	
		Duplicate Value	<0.006	mg/kg	
	Isopropylbenzene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
	p-Isopropyltoluene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	n-Propylbenzene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	sec-Butylbenzene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
	tert-Butylbenzene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 01/05/00

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QC Batch Number: GCMS/VOL-4588

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
	1,2,3-Trichlorobenze	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,2,4-Trichlorobenze	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,2,4-Trimethylbenze	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,3,5-Trimethylbenze	Sample Amount	<0.005	mg/kg	
		Duplicate Value	<0.005	mg/kg	
	Dibromomethane	Sample Amount	<0.006	mg/kg	
		Duplicate Value	<0.006	mg/kg	
	cis-1,2-Dichloroethy	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	4-Chlorotoluene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
	1,1-Dichloropropene	Sample Amount	<0.007	mg/kg	
		Duplicate Value	<0.007	mg/kg	
	1,2-Dichloropropane	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
	1,3-Dichloropropane	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	2,2-Dichloropropane	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,1,1,2-Tetrachloro	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	1,2,3-Trichloropropa	Sample Amount	<0.006	mg/kg	
		Duplicate Value	<0.006	mg/kg	
	n-Butylbenzene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	Dichlorodifluorometh	Sample Amount	<0.005	mg/kg	
		Duplicate Value	<0.005	mg/kg	
	Bromochloromethane	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	Bromobenzene	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	Iodomethane	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	Acrolein	Sample Amount	<0.100	mg/kg	
		Duplicate Value	<0.100	mg/kg	
	Acrylonitrile	Sample Amount	<0.038	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

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QC Batch Number: GCMS/VOL-4588

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
		Duplicate Value	<0.038	mg/kg	
	Carbon Disulfide	Sample Amount	<0.015	mg/kg	
		Duplicate Value	<0.015	mg/kg	
	Vinyl Acetate	Sample Amount	<0.082	mg/kg	
		Duplicate Value	<0.082	mg/kg	
	2-Hexanone	Sample Amount	<0.048	mg/kg	
		Duplicate Value	<0.048	mg/kg	
	trans-1,4-Dichloro-2	Sample Amount	<0.010	mg/kg	
		Duplicate Value	<0.010	mg/kg	
	Ethyl Methacrylate	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	cis-1,4-Dichloro-2-B	Sample Amount	<0.012	mg/kg	
		Duplicate Value	<0.012	mg/kg	
	Bromodichloromethane	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	1,2-Dichloroethane-d	Surrogate Recovery	90.000	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	104.800	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	90.300	%	62.000-137.000
99829273	1,2-Dichloroethane-d	Surrogate Recovery	88.800	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	106.000	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	94.300	%	62.000-137.000
99829274	1,2-Dichloroethane-d	Surrogate Recovery	92.000	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	107.200	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	94.000	%	62.000-137.000
99829275	1,2-Dichloroethane-d	Surrogate Recovery	96.800	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	109.600	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	91.600	%	62.000-137.000
99829276	1,2-Dichloroethane-d	Surrogate Recovery	93.200	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	106.800	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	94.000	%	62.000-137.000
99829277	1,2-Dichloroethane-d	Surrogate Recovery	100.800	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	110.800	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	90.400	%	62.000-137.000
99829278	1,2-Dichloroethane-d	Surrogate Recovery	94.400	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	108.300	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	92.800	%	62.000-137.000
BLANK-23196	Acetone	Blank	0.680	mg/kg	
	Benzene	Blank	<0.003	mg/kg	
	Carbon Tetrachloride	Blank	<0.002	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

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QC Batch Number: GCMS/VOL-4588

Sample Id	Analysis	QC Analysis	Values	Units	Limits
	Chloroform	Blank	<0.004	mg/kg	
	1,2-Dichloroethane	Blank	<0.004	mg/kg	
	1,4-Dichlorobenzene	Blank	<0.004	mg/kg	
	Ethyl Benzene	Blank	<0.003	mg/kg	
	2-Butanone (MEK)	Blank	<0.060	mg/kg	
	MIBK	Blank	<0.044	mg/kg	
	Naphthalene	Blank	<0.005	mg/kg	
	Styrene	Blank	<0.004	mg/kg	
	Tetrachloroethylene	Blank	<0.002	mg/kg	
	Toluene	Blank	<0.004	mg/kg	
	1,1,1-Trichloroethan	Blank	<0.004	mg/kg	
	Trichloroethylene	Blank	<0.005	mg/kg	
	Trichlorofluorometha	Blank	<0.004	mg/kg	
	o + p Xylene	Blank	<0.002	mg/kg	
	m-Xylene	Blank	<0.006	mg/kg	
	1,2-Dichlorobenzene	Blank	<0.004	mg/kg	
	1,3-Dichlorobenzene	Blank	<0.003	mg/kg	
	1,1-Dichloroethane	Blank	<0.004	mg/kg	
	1,1-Dichloroethylene	Blank	<0.003	mg/kg	
	MTBE	Blank	<0.004	mg/kg	
	trans-1,2-Dichloroet	Blank	<0.004	mg/kg	
	Vinyl Chloride	Blank	<0.002	mg/kg	
	Methylene Chloride	Blank	<0.075	mg/kg	
	Chlorobenzene	Blank	<0.003	mg/kg	
	Chloromethane	Blank	<0.075	mg/kg	
	Bromomethane	Blank	<0.006	mg/kg	
	Chloroethane	Blank	<0.004	mg/kg	
	cis-1,3-Dichloroprop	Blank	<0.002	mg/kg	
	trans-1,3-Dichloropr	Blank	<0.002	mg/kg	
	Chlorodibromomethane	Blank	<0.002	mg/kg	
	1,1,1,2-Trichloroethan	Blank	<0.004	mg/kg	
	2-Chloroethylvinylet	Blank	<0.048	mg/kg	
	Bromoform	Blank	<0.006	mg/kg	
	1,1,1,2,2-Tetrachloroe	Blank	<0.007	mg/kg	
	2-Chlorotoluene	Blank	<0.003	mg/kg	
	Hexachlorobutadiene	Blank	<0.006	mg/kg	
	Isopropylbenzene	Blank	<0.003	mg/kg	
	p-Isopropyltoluene	Blank	<0.004	mg/kg	
	n-Propylbenzene	Blank	<0.004	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

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QC Batch Number: GCMS/VOL-4588

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
	sec-Butylbenzene	Blank	<0.003	mg/kg	
	tert-Butylbenzene	Blank	<0.004	mg/kg	
	1,2,3-Trichlorobenze	Blank	<0.004	mg/kg	
	1,2,4-Trichlorobenze	Blank	<0.004	mg/kg	
	1,2,4-Trimethylbenze	Blank	<0.004	mg/kg	
	1,3,5-Trimethylbenze	Blank	<0.005	mg/kg	
	Dibromomethane	Blank	<0.006	mg/kg	
	cis-1,2-Dichloroethy	Blank	<0.002	mg/kg	
	4-Chlorotoluene	Blank	<0.003	mg/kg	
	1,1-Dichloropropene	Blank	<0.007	mg/kg	
	1,2-Dichloropropane	Blank	<0.003	mg/kg	
	1,3-Dichloropropane	Blank	<0.002	mg/kg	
	2,2-Dichloropropane	Blank	<0.004	mg/kg	
	1,1,1,2-Tetrachloroe	Blank	<0.002	mg/kg	
	1,2,3-Trichloropropa	Blank	<0.006	mg/kg	
	n-Butylbenzene	Blank	<0.004	mg/kg	
	Dichlorodifluorometh	Blank	<0.005	mg/kg	
	Bromochloromethane	Blank	<0.004	mg/kg	
	Bromobenzene	Blank	<0.002	mg/kg	
	Iodomethane	Blank	<0.004	mg/kg	
	Acrolein	Blank	<0.100	mg/kg	
	Acrylonitrile	Blank	<0.038	mg/kg	
	Carbon Disulfide	Blank	<0.015	mg/kg	
	Vinyl Acetate	Blank	<0.082	mg/kg	
	2-Hexanone	Blank	<0.048	mg/kg	
	trans-1,4-Dichloro-2	Blank	<0.010	mg/kg	
	Ethyl Methacrylate	Blank	<0.004	mg/kg	
	cis-1,4-Dichloro-2-B	Blank	<0.012	mg/kg	
	Bromodichloromethane	Blank	<0.002	mg/kg	
	1,2-Dibromo-3-Chloro	Blank	<0.008	mg/kg	
	1,2-Dibromoethane	Blank	<0.004	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
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QC Batch Number: GCMS/VOL-4589

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
99B29279	1,2-Dichloroethane-d	Surrogate Recovery	102.800	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	112.000	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	91.200	%	62.000-137.000
99B29280	1,2-Dichloroethane-d	Surrogate Recovery	96.800	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	110.000	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	93.600	%	62.000-137.000
99B29281	1,2-Dichloroethane-d	Surrogate Recovery	92.800	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	110.000	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	90.400	%	62.000-137.000
99B29282	1,2-Dichloroethane-d	Surrogate Recovery	92.800	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	109.600	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	95.600	%	62.000-137.000
99B29283	1,2-Dichloroethane-d	Surrogate Recovery	96.800	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	109.200	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	94.000	%	62.000-137.000
99B29284	1,2-Dichloroethane-d	Surrogate Recovery	94.000	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	111.200	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	100.800	%	62.000-137.000
99B29285	1,2-Dichloroethane-d	Surrogate Recovery	91.200	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	107.200	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	93.600	%	62.000-137.000
99B29286	Acetone	Sample Amount	0.571	mg/kg	
		Duplicate Value	0.540	mg/kg	
		Duplicate RPD	5.581	%	
	Benzene	Sample Amount	0.571	mg/kg	
		Matrix Spk Amt Added	0.000	mg/kg	
		Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
		Sample Amount	<0.003	mg/kg	
		Matrix Spk Amt Added	0.250	mg/kg	
	Carbon Tetrachloride	MS Amt Measured	0.250	mg/kg	
		Matrix Spike % Rec.	98.800	%	
		Sample Amount	<0.002	mg/kg	
	Chloroform	Duplicate Value	<0.002	mg/kg	
		Sample Amount	<0.004	mg/kg	
	1,2-Dichloroethane	Duplicate Value	<0.004	mg/kg	
Sample Amount		<0.004	mg/kg		
1,4-Dichlorobenzene	Duplicate Value	<0.004	mg/kg		
	Sample Amount	<0.004	mg/kg		

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

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QC Batch Number: GCMS/VOL-4589

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
		Duplicate Value	<0.004	mg/kg	
	Ethyl Benzene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
	2-Butanone (MEK)	Sample Amount	<0.060	mg/kg	
		Duplicate Value	<0.060	mg/kg	
	MIBK	Sample Amount	<0.044	mg/kg	
		Duplicate Value	<0.044	mg/kg	
	Naphthalene	Sample Amount	<0.005	mg/kg	
		Duplicate Value	<0.005	mg/kg	
	Styrene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	Tetrachloroethylene	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	Toluene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
		Sample Amount	<0.004	mg/kg	
		Matrix Spk Amt Added	0.250	mg/kg	
		MS Amt Measured	0.250	mg/kg	
		Matrix Spike % Rec.	100.000	%	
	1,1,1-Trichloroethan	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	Trichloroethylene	Sample Amount	<0.005	mg/kg	
		Duplicate Value	<0.005	mg/kg	
		Sample Amount	<0.005	mg/kg	
		Matrix Spk Amt Added	0.250	mg/kg	
		MS Amt Measured	0.215	mg/kg	
		Matrix Spike % Rec.	86.000	%	
	Trichlorofluorometha	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	o + p Xylene	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	m-Xylene	Sample Amount	<0.006	mg/kg	
		Duplicate Value	<0.006	mg/kg	
	1,2-Dichlorobenzene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,3-Dichlorobenzene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
	1,1-Dichloroethane	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
 Standard Reference Materials and Duplicates  
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QC Batch Number: GCMS/VOL-4589

Sample Id	Analysis	QC Analysis	Values	Units	Limits
	1,1-Dichloroethylene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
		Sample Amount	<0.003	mg/kg	
		Matrix Spk Amt Added	0.250	mg/kg	
		MS Amt Measured	0.210	mg/kg	
		Matrix Spike % Rec.	84.000	%	
	MTBE	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	trans-1,2-Dichloroet	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	Vinyl Chloride	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	Methylene Chloride	Sample Amount	<0.075	mg/kg	
		Duplicate Value	<0.075	mg/kg	
	Chlorobenzene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
		Sample Amount	<0.003	mg/kg	
		Matrix Spk Amt Added	0.250	mg/kg	
		MS Amt Measured	0.200	mg/kg	
		Matrix Spike % Rec.	78.800	%	
	Chloromethane	Sample Amount	<0.075	mg/kg	
		Duplicate Value	<0.075	mg/kg	
	Bromomethane	Sample Amount	<0.006	mg/kg	
		Duplicate Value	<0.006	mg/kg	
	Chloroethane	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	cis-1,3-Dichloroprop	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	trans-1,3-Dichloropr	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	Chlorodibromomethane	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	1,1,2-Trichloroethan	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	2-Chloroethylvinylet	Sample Amount	<0.048	mg/kg	
		Duplicate Value	<0.048	mg/kg	
	Bromoform	Sample Amount	<0.006	mg/kg	
		Duplicate Value	<0.006	mg/kg	
	1,1,2,2-Tetrachloroe	Sample Amount	<0.007	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
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QC Batch Number: GCMS/VOL-4589

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
		Duplicate Value	<0.007	mg/kg	
	2-Chlorotoluene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
	Hexachlorobutadiene	Sample Amount	<0.006	mg/kg	
		Duplicate Value	<0.006	mg/kg	
	Isopropylbenzene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
	p-Isopropyltoluene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	n-Propylbenzene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	sec-Butylbenzene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
	tert-Butylbenzene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,2,3-Trichlorobenze	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,2,4-Trichlorobenze	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,2,4-Trimethylbenze	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,3,5-Trimethylbenze	Sample Amount	<0.005	mg/kg	
		Duplicate Value	<0.005	mg/kg	
	Dibromomethane	Sample Amount	<0.006	mg/kg	
		Duplicate Value	<0.006	mg/kg	
	cis-1,2-Dichloroethy	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	4-Chlorotoluene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
	1,1-Dichloropropene	Sample Amount	<0.007	mg/kg	
		Duplicate Value	<0.007	mg/kg	
	1,2-Dichloropropene	Sample Amount	<0.003	mg/kg	
		Duplicate Value	<0.003	mg/kg	
	1,3-Dichloropropene	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	2,2-Dichloropropene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	1,1,1,2-Tetrachloroe	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 01/05/00

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QC Batch Number: GCMS/VOL-4589

Sample Id	Analysis	QC Analysis	Values	Units	Limits
	1,2,3-Trichloropropa	Sample Amount	<0.006	mg/kg	
		Duplicate Value	<0.006	mg/kg	
	n-Butylbenzene	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	Dichlorodifluorometh	Sample Amount	<0.005	mg/kg	
		Duplicate Value	<0.005	mg/kg	
	Bromochloromethane	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	Bromobenzene	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	Iodomethane	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	Acrolein	Sample Amount	<0.100	mg/kg	
		Duplicate Value	<0.100	mg/kg	
	Acrylonitrile	Sample Amount	<0.038	mg/kg	
		Duplicate Value	<0.038	mg/kg	
	Carbon Disulfide	Sample Amount	<0.015	mg/kg	
		Duplicate Value	<0.015	mg/kg	
	Vinyl Acetate	Sample Amount	<0.082	mg/kg	
		Duplicate Value	<0.082	mg/kg	
	2-Hexanone	Sample Amount	<0.048	mg/kg	
		Duplicate Value	<0.048	mg/kg	
	trans-1,4-Dichloro-2	Sample Amount	<0.010	mg/kg	
		Duplicate Value	<0.010	mg/kg	
	Ethyl Methacrylate	Sample Amount	<0.004	mg/kg	
		Duplicate Value	<0.004	mg/kg	
	cis-1,4-Dichloro-2-B	Sample Amount	<0.012	mg/kg	
		Duplicate Value	<0.012	mg/kg	
	Bromodichloromethane	Sample Amount	<0.002	mg/kg	
		Duplicate Value	<0.002	mg/kg	
	1,2-Dichloroethane-d	Surrogate Recovery	91.200	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	109.200	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	96.400	%	62.000-137.000
99829287	1,2-Dichloroethane-d	Surrogate Recovery	81.600	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	99.200	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	89.200	%	62.000-137.000
99829288	1,2-Dichloroethane-d	Surrogate Recovery	90.800	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	90.800	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	103.600	%	62.000-137.000

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
 Standard Reference Materials and Duplicates  
 Method Blanks

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QC Batch Number: GCMS/VOL-4589

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
99B29289	1,2-Dichloroethane-d	Surrogate Recovery	98.400	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	86.400	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	103.200	%	62.000-137.000
99B29290	1,2-Dichloroethane-d	Surrogate Recovery	103.600	%	56.000-128.000
	Toluene-d8	Surrogate Recovery	90.000	%	65.000-113.000
	Bromofluorobenzene	Surrogate Recovery	101.600	%	62.000-137.000

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
 Standard Reference Materials and Duplicates  
 Method Blanks

Report Date: 01/05/00

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QC Batch Number: HG-1327

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
99B29297	Mercury	Sample Amount	<0.00004	mg/l	
		Duplicate Value	<0.00004	mg/l	
		Sample Amount	<0.00004	mg/l	
		Matrix Spk Amt Added	0.00200	mg/l	
		MS Amt Measured	0.00210	mg/l	
		Matrix Spike % Rec.	105.00000	%	45.50000-163.00000
BLANK-23175	Mercury	Blank	<0.00004	mg/l	
STDADD-14167	Mercury	Standard Measured	0.00221	mg/l	
		Standard Amt Added	0.00200	mg/l	
		Standard % Recovery	110.50000	%	88.50000-114.00000
STDADD-14168	Mercury	Standard Measured	0.00214	mg/l	
		Standard Amt Added	0.00200	mg/l	
		Standard % Recovery	107.00000	%	88.50000-114.00000

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
 Standard Reference Materials and Duplicates  
 Method Blanks

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QC Batch Number: HG-1328

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
99B29259	Mercury	Sample Amount	0.026	mg/kg	
		Duplicate Value	0.028	mg/kg	
		Duplicate RPD	5.287	%	
		Sample Amount	0.026	mg/kg	
		Matrix Spk Amt Added	0.387	mg/kg	
		MS Amt Measured	0.430	mg/kg	
		Matrix Spike % Rec.	104.237	%	
99B29269	Mercury	Sample Amount	0.047	mg/kg	
		Duplicate Value	0.070	mg/kg	
		Duplicate RPD	37.957	%	
99B29279	Mercury	Sample Amount	0.038	mg/kg	
		Duplicate Value	0.030	mg/kg	
		Duplicate RPD	22.277	%	
		Sample Amount	0.038	mg/kg	
		Matrix Spk Amt Added	0.466	mg/kg	
		MS Amt Measured	0.413	mg/kg	
		Matrix Spike % Rec.	80.414	%	
99B29289	Mercury	Sample Amount	0.025	mg/kg	
		Duplicate Value	0.030	mg/kg	
		Duplicate RPD	17.392	%	
BLANK-23167	Mercury	Blank	<0.010	mg/kg	
LFBLANK-10426	Mercury	Lab Fort Blank Amt.	0.500	mg/kg	
		Lab Fort Blk. Found	0.470	mg/kg	
		Lab Fort Blk. % Rec.	94.000	%	
LFBLANK-10436	Mercury	Lab Fort Blank Amt.	0.500	mg/kg	
LFBLANK-10437	Mercury	Lab Fort Blank Amt.	0.500	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 01/05/00

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QC Batch Number: HG/TCLP-0646

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
99B29227	Mercury	Sample Amount	<0.00004	MG/L LEACHATE	
		Matrix Spk Amt Added	0.00200	MG/L LEACHATE	
		MS Amt Measured	0.00223	MG/L LEACHATE	
		Matrix Spike % Rec.	111.50000	%	0.25000-150.00000
99B29237	Mercury	Sample Amount	<0.00004	MG/L LEACHATE	
		Matrix Spk Amt Added	0.00200	MG/L LEACHATE	
		MS Amt Measured	0.00216	MG/L LEACHATE	
		Matrix Spike % Rec.	108.00000	%	0.25000-150.00000
99B29247	Mercury	Sample Amount	<0.00004	MG/L LEACHATE	
		Matrix Spk Amt Added	0.00200	MG/L LEACHATE	
		MS Amt Measured	0.00222	MG/L LEACHATE	
		Matrix Spike % Rec.	111.00000	%	0.25000-150.00000
99B29257	Mercury	Sample Amount	<0.00004	MG/L LEACHATE	
		Matrix Spk Amt Added	0.00200	MG/L LEACHATE	
		MS Amt Measured	0.00235	MG/L LEACHATE	
		Matrix Spike % Rec.	117.50000	%	0.25000-150.00000
BLANK-23173	Mercury	Blank	<0.00004	MG/L LEACHATE	
STDADD-14166	Mercury	Standard Measured	0.00214	MG/L LEACHATE	
		Standard Amt Added	0.00200	MG/L LEACHATE	
		Standard % Recovery	107.00000	%	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
 Standard Reference Materials and Duplicates  
 Method Blanks

Report Date: 01/05/00

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QC Batch Number: ICP-4042

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
99829261	Silver	Sample Amount	<0.50	mg/kg	
		Duplicate Value	<0.50	mg/kg	
		Duplicate RPD	0.00	%	
	Arsenic	Sample Amount	<5.00	mg/kg	
		Duplicate Value	5.18	mg/kg	
		Duplicate RPD	200.00	%	
	Barium	Sample Amount	10.11	mg/kg	
		Duplicate Value	11.80	mg/kg	
		Duplicate RPD	15.38	%	
	Cadmium	Sample Amount	0.10	mg/kg	
		Duplicate Value	0.08	mg/kg	
		Duplicate RPD	22.22	%	
Chromium	Sample Amount	9.70	mg/kg		
	Duplicate Value	9.07	mg/kg		
	Duplicate RPD	6.66	%		
Lead	Sample Amount	4.66	mg/kg		
	Duplicate Value	4.15	mg/kg		
	Duplicate RPD	11.68	%		
Selenium	Sample Amount	<5.00	mg/kg		
	Duplicate Value	<5.00	mg/kg		
99829275	Silver	Sample Amount	<0.50	mg/kg	
		Duplicate Value	<0.50	mg/kg	
		Duplicate RPD	0.00	%	
	Arsenic	Sample Amount	7.63	mg/kg	
		Duplicate Value	6.68	mg/kg	
		Duplicate RPD	13.28	%	
	Barium	Sample Amount	41.64	mg/kg	
		Duplicate Value	38.66	mg/kg	
		Duplicate RPD	7.41	%	
	Cadmium	Sample Amount	0.63	mg/kg	
		Duplicate Value	0.53	mg/kg	
		Duplicate RPD	17.24	%	
Chromium	Sample Amount	12.80	mg/kg		
	Duplicate Value	14.08	mg/kg		
	Duplicate RPD	9.52	%		
Lead	Sample Amount	321.85	mg/kg		
	Duplicate Value	260.75	mg/kg		
	Duplicate RPD	20.97	%		
Selenium	Sample Amount	<5.00	mg/kg		



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

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QC Batch Number: ICP-4042

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
99B29283	Silver	Duplicate Value	<5.00	mg/kg	
		Duplicate RPD	200.00	%	
		Sample Amount	<0.50	mg/kg	
		Duplicate Value	<0.50	mg/kg	
		Duplicate RPD	0.00	%	
		Sample Amount	<0.50	mg/kg	
	Arsenic	Matrix Spk Amt Added	100.00	mg/kg	
		MS Amt Measured	78.15	mg/kg	
		Matrix Spike % Rec.	78.15	%	
		Sample Amount	11.76	mg/kg	
		Duplicate Value	11.75	mg/kg	
		Duplicate RPD	0.09	%	
Barium	Sample Amount	11.76	mg/kg		
	Matrix Spk Amt Added	100.00	mg/kg		
	MS Amt Measured	95.15	mg/kg		
	Matrix Spike % Rec.	83.39	%		
	Sample Amount	24.08	mg/kg		
	Duplicate Value	26.55	mg/kg		
Cadmium	Duplicate RPD	9.76	%		
	Sample Amount	24.08	mg/kg		
	Matrix Spk Amt Added	100.00	mg/kg		
	MS Amt Measured	115.30	mg/kg		
	Matrix Spike % Rec.	91.22	%		
	Sample Amount	0.27	mg/kg		
Chromium	Duplicate Value	0.52	mg/kg		
	Duplicate RPD	62.42	%		
	Sample Amount	0.27	mg/kg		
	Matrix Spk Amt Added	100.00	mg/kg		
	MS Amt Measured	85.90	mg/kg		
	Matrix Spike % Rec.	85.63	%		
Lead	Sample Amount	14.68	mg/kg		
	Duplicate Value	14.05	mg/kg		
	Duplicate RPD	4.35	%		
	Sample Amount	14.68	mg/kg		
	Matrix Spk Amt Added	100.00	mg/kg		
	MS Amt Measured	106.40	mg/kg		
	Matrix Spike % Rec.	91.72	%		
	Sample Amount	101.95	mg/kg		
	Duplicate Value	135.20	mg/kg		

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
 Standard Reference Materials and Duplicates  
 Method Blanks

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QC Batch Number: ICP-4042

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
		Duplicate RPD	28.04	%	
		Sample Amount	101.95	mg/kg	
		Matrix Spk Amt Added	100.00	mg/kg	
		MS Amt Measured	256.40	mg/kg	
		Matrix Spike % Rec.	154.45	%	
	Selenium	Sample Amount	<5.00	mg/kg	
		Duplicate Value	<5.00	mg/kg	
		Sample Amount	<5.00	mg/kg	
		Matrix Spk Amt Added	100.00	mg/kg	
		MS Amt Measured	83.65	mg/kg	
		Matrix Spike % Rec.	83.65	%	
LFBLANK-10405	Silver	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	83.55	mg/kg	
		Lab Fort Blk. % Rec.	83.55	%	
	Arsenic	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	89.20	mg/kg	
		Lab Fort Blk. % Rec.	89.20	%	
	Barium	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	91.15	mg/kg	
		Lab Fort Blk. % Rec.	91.15	%	
	Cadmium	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	88.50	mg/kg	
		Lab Fort Blk. % Rec.	88.50	%	
	Chromium	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	89.25	mg/kg	
		Lab Fort Blk. % Rec.	89.25	%	
	Lead	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	91.60	mg/kg	
		Lab Fort Blk. % Rec.	91.60	%	
	Selenium	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	84.90	mg/kg	
		Lab Fort Blk. % Rec.	84.90	%	
LFBLANK-10406	Silver	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	81.60	mg/kg	
		Lab Fort Blk. % Rec.	81.60	%	
	Arsenic	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	87.80	mg/kg	
		Lab Fort Blk. % Rec.	87.80	%	
	Barium	Lab Fort Blank Amt.	100.00	mg/kg	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
 Standard Reference Materials and Duplicates  
 Method Blanks

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QC Batch Number: ICP-4042

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
		Lab Fort Blk. Found	88.80	mg/kg	
		Lab Fort Blk. % Rec.	88.80	%	
	Cadmium	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	86.60	mg/kg	
		Lab Fort Blk. % Rec.	86.60	%	
	Chromium	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	87.20	mg/kg	
		Lab Fort Blk. % Rec.	87.20	%	
	Lead	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	89.95	mg/kg	
		Lab Fort Blk. % Rec.	89.95	%	
	Selenium	Lab Fort Blank Amt.	100.00	mg/kg	
		Lab Fort Blk. Found	87.05	mg/kg	
		Lab Fort Blk. % Rec.	87.05	%	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

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QC Batch Number: ICP-4046

Sample Id	Analysis	QC Analysis	Values	Units	Limits
99829297	Silver	Sample Amount	<0.002	mg/l	
		Duplicate Value	<0.002	mg/l	
		Duplicate RPD	0.000	%	
		Sample Amount	<0.002	mg/l	
		Matrix Spk Amt Added	1.000	mg/l	
		MS Amt Measured	0.114	mg/l	
		Matrix Spike % Rec.	11.375	%	
	Arsenic	Sample Amount	<0.02	mg/l	
		Duplicate Value	<0.02	mg/l	
		Sample Amount	<0.02	mg/l	
		Matrix Spk Amt Added	1.00	mg/l	
		MS Amt Measured	0.80	mg/l	
		Matrix Spike % Rec.	80.45	%	72.00-117.00
	Barium	Sample Amount	0.0006	mg/l	
		Duplicate Value	0.0006	mg/l	
		Duplicate RPD	4.2553	%	
		Sample Amount	0.0006	mg/l	
		Matrix Spk Amt Added	1.0000	mg/l	
		MS Amt Measured	0.8848	mg/l	
		Matrix Spike % Rec.	88.4175	%	63.4000-116.0000
	Cadmium	Sample Amount	<0.0002	mg/l	
		Duplicate Value	<0.0002	mg/l	
		Duplicate RPD	0.0000	%	
		Sample Amount	<0.0002	mg/l	
		Matrix Spk Amt Added	1.0000	mg/l	
		MS Amt Measured	0.8695	mg/l	
		Matrix Spike % Rec.	86.9500	%	72.4000-110.0000
	Chromium	Sample Amount	<0.002	mg/l	
		Duplicate Value	<0.002	mg/l	
		Duplicate RPD	0.000	%	
		Sample Amount	<0.002	mg/l	
		Matrix Spk Amt Added	1.000	mg/l	
		MS Amt Measured	0.861	mg/l	
		Matrix Spike % Rec.	86.100	%	78.800-109.000
	Lead	Sample Amount	<0.01	mg/l	
		Duplicate Value	<0.01	mg/l	
		Sample Amount	<0.01	mg/l	
		Matrix Spk Amt Added	1.00	mg/l	
		MS Amt Measured	0.88	mg/l	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

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QC Batch Number: ICP-4046

Sample Id	Analysis	QC Analysis	Values	Units	Limits
		Matrix Spike % Rec.	88.12	%	68.20-115.00
	Selenium	Sample Amount	<0.02	mg/l	
		Duplicate Value	<0.02	mg/l	
		Sample Amount	<0.02	mg/l	
		Matrix Spk Amt Added	1.00	mg/l	
		MS Amt Measured	0.80	mg/l	
		Matrix Spike % Rec.	80.12	%	62.90-131.00
BLANK-23129	Silver	Blank	<0.002	mg/l	
	Arsenic	Blank	<0.02	mg/l	
	Barium	Blank	<0.0005	mg/l	
	Cadmium	Blank	<0.0002	mg/l	
	Chromium	Blank	<0.002	mg/l	
	Lead	Blank	<0.01	mg/l	
	Selenium	Blank	<0.02	mg/l	
STDADD-14145	Silver	Standard Measured	1.016	mg/l	
		Standard Amt Added	1.000	mg/l	
		Standard % Recovery	101.600	%	87.200-116.000
	Arsenic	Standard Measured	0.97	mg/l	
		Standard Amt Added	1.00	mg/l	
		Standard % Recovery	97.14	%	85.20-113.00
	Barium	Standard Measured	1.0830	mg/l	
		Standard Amt Added	1.0000	mg/l	
		Standard % Recovery	108.3000	%	90.2000-116.0000
	Cadmium	Standard Measured	1.0660	mg/l	
		Standard Amt Added	1.0000	mg/l	
		Standard % Recovery	106.6000	%	86.0000-112.0000
	Chromium	Standard Measured	1.026	mg/l	
		Standard Amt Added	1.000	mg/l	
		Standard % Recovery	102.600	%	89.600-117.000
	Lead	Standard Measured	1.09	mg/l	
		Standard Amt Added	1.00	mg/l	
		Standard % Recovery	108.80	%	87.20-113.00
	Selenium	Standard Measured	0.91	mg/l	
		Standard Amt Added	1.00	mg/l	
		Standard % Recovery	90.63	%	86.30-113.00

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
 Standard Reference Materials and Duplicates  
 Method Blanks

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QC Batch Number: ICP/TCLP-0946

Sample Id	Analysis	QC Analysis	Values	Units	Limits
99829229	Silver	Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.47	MG/L LEACHATE	
		Matrix Spike % Rec.	94.72	%	0.00-168.00
	Arsenic	Sample Amount	<0.02	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.45	MG/L LEACHATE	
		Matrix Spike % Rec.	90.60	%	23.00-132.00
	Barium	Sample Amount	0.02	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.50	MG/L LEACHATE	
		Matrix Spike % Rec.	95.76	%	29.00-146.00
	Cadmium	Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.49	MG/L LEACHATE	
		Matrix Spike % Rec.	97.22	%	37.00-131.00
	Chromium	Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.48	MG/L LEACHATE	
		Matrix Spike % Rec.	96.74	%	0.45-122.00
	Lead	Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.51	MG/L LEACHATE	
		Matrix Spike % Rec.	101.44	%	21.00-143.00
	Selenium	Sample Amount	<0.02	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.38	MG/L LEACHATE	
		Matrix Spike % Rec.	76.90	%	17.00-150.00
99829231	Silver	Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.46	MG/L LEACHATE	
		Matrix Spike % Rec.	91.86	%	0.00-168.00
	Arsenic	Sample Amount	<0.02	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.40	MG/L LEACHATE	
		Matrix Spike % Rec.	79.20	%	23.00-132.00
	Barium	Sample Amount	0.02	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.48	MG/L LEACHATE	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 01/05/00

Lims Bat #: LIMS-45886

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QC Batch Number: ICP/TCLP-0946

Sample Id	Analysis	QC Analysis	Values	Units	Limits
		Matrix Spike % Rec.	91.78	%	29.00-146.00
	Cadmium	Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.46	MG/L LEACHATE	
		Matrix Spike % Rec.	92.14	%	37.00-131.00
	Chromium	Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.46	MG/L LEACHATE	
		Matrix Spike % Rec.	91.94	%	0.45-122.00
	Lead	Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.47	MG/L LEACHATE	
		Matrix Spike % Rec.	93.72	%	21.00-143.00
	Selenium	Sample Amount	<0.02	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.37	MG/L LEACHATE	
		Matrix Spike % Rec.	74.64	%	17.00-150.00
99B29233	Silver	Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.46	MG/L LEACHATE	
		Matrix Spike % Rec.	92.62	%	0.00-168.00
	Arsenic	Sample Amount	<0.02	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.39	MG/L LEACHATE	
		Matrix Spike % Rec.	78.58	%	23.00-132.00
	Barium	Sample Amount	0.02	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.49	MG/L LEACHATE	
		Matrix Spike % Rec.	93.74	%	29.00-146.00
	Cadmium	Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.47	MG/L LEACHATE	
		Matrix Spike % Rec.	93.46	%	37.00-131.00
	Chromium	Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.47	MG/L LEACHATE	
		Matrix Spike % Rec.	94.72	%	0.45-122.00
	Lead	Sample Amount	0.02	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 01/05/00

Lims Bat #: LIMS-45886

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QC Batch Number: ICP/TCLP-0946

Sample Id	Analysis	QC Analysis	Values	Units	Limits
99B29234	Selenium	MS Amt Measured	0.50	MG/L LEACHATE	21.00-143.00
		Matrix Spike % Rec.	96.92	%	
		Sample Amount	<0.02	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.39	MG/L LEACHATE	
		Matrix Spike % Rec.	77.50	%	
	Silver	Sample Amount	<0.01	MG/L LEACHATE	17.00-150.00
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.46	MG/L LEACHATE	
		Matrix Spike % Rec.	92.70	%	
		Sample Amount	<0.02	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
	Arsenic	MS Amt Measured	0.42	MG/L LEACHATE	0.00-168.00
		Matrix Spike % Rec.	83.34	%	
		Sample Amount	0.03	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.50	MG/L LEACHATE	
		Matrix Spike % Rec.	93.05	%	
	Barium	Sample Amount	<0.01	MG/L LEACHATE	29.00-146.00
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
		MS Amt Measured	0.47	MG/L LEACHATE	
		Matrix Spike % Rec.	93.90	%	
		Sample Amount	<0.01	MG/L LEACHATE	
		Matrix Spk Amt Added	0.50	MG/L LEACHATE	
Cadmium	MS Amt Measured	0.47	MG/L LEACHATE	37.00-131.00	
	Matrix Spike % Rec.	93.56	%		
	Sample Amount	<0.01	MG/L LEACHATE		
	Matrix Spk Amt Added	0.50	MG/L LEACHATE		
	MS Amt Measured	0.47	MG/L LEACHATE		
	Matrix Spike % Rec.	93.56	%		
Chromium	Sample Amount	<0.01	MG/L LEACHATE	0.45-122.00	
	Matrix Spk Amt Added	0.50	MG/L LEACHATE		
	MS Amt Measured	0.47	MG/L LEACHATE		
	Matrix Spike % Rec.	93.56	%		
	Sample Amount	<0.01	MG/L LEACHATE		
	Matrix Spk Amt Added	0.50	MG/L LEACHATE		
Lead	MS Amt Measured	0.46	MG/L LEACHATE	21.00-143.00	
	Matrix Spike % Rec.	92.80	%		
	Sample Amount	<0.01	MG/L LEACHATE		
	Matrix Spk Amt Added	0.50	MG/L LEACHATE		
	MS Amt Measured	0.46	MG/L LEACHATE		
	Matrix Spike % Rec.	92.80	%		
Selenium	Sample Amount	<0.02	MG/L LEACHATE	17.00-150.00	
	Matrix Spk Amt Added	0.50	MG/L LEACHATE		
	MS Amt Measured	0.37	MG/L LEACHATE		
	Matrix Spike % Rec.	74.52	%		
	Sample Amount	<0.01	MG/L LEACHATE		
	Matrix Spk Amt Added	0.50	MG/L LEACHATE		
BLANK-23138	Silver	Blank	<0.01	MG/L LEACHATE	
	Arsenic	Blank	<0.02	MG/L LEACHATE	
	Barium	Blank	0.02	MG/L LEACHATE	
	Cadmium	Blank	<0.01	MG/L LEACHATE	
	Chromium	Blank	<0.01	MG/L LEACHATE	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
 Standard Reference Materials and Duplicates  
 Method Blanks

Report Date: 01/05/00

Lims Bat #: LIMS-45886

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QC Batch Number: ICP/TCLP-0946

Sample Id	Analysis	QC Analysis	Values	Units	Limits
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STDADD-14155	Lead	Blank	<0.01	MG/L LEACHATE	
	Selenium	Blank	<0.02	MG/L LEACHATE	
	Silver	Standard Measured	1.09	MG/L LEACHATE	
		Standard Amt Added	1.00	MG/L LEACHATE	
		Standard % Recovery	109.40	%	
	Arsenic	Standard Measured	0.97	MG/L LEACHATE	
		Standard Amt Added	1.00	MG/L LEACHATE	
		Standard % Recovery	96.88	%	
	Barium	Standard Measured	1.09	MG/L LEACHATE	
		Standard Amt Added	1.00	MG/L LEACHATE	
		Standard % Recovery	109.40	%	
	Cadmium	Standard Measured	1.05	MG/L LEACHATE	
		Standard Amt Added	1.00	MG/L LEACHATE	
		Standard % Recovery	105.20	%	
	Chromium	Standard Measured	1.03	MG/L LEACHATE	
		Standard Amt Added	1.00	MG/L LEACHATE	
		Standard % Recovery	102.60	%	
	Lead	Standard Measured	1.05	MG/L LEACHATE	
		Standard Amt Added	1.00	MG/L LEACHATE	
		Standard % Recovery	104.80	%	
	Selenium	Standard Measured	0.92	MG/L LEACHATE	
		Standard Amt Added	1.00	MG/L LEACHATE	
		Standard % Recovery	92.19	%	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
 Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
 Standard Reference Materials and Duplicates  
 Method Blanks

Report Date: 01/05/00

Lims Bat #: LIMS-45886

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QC Batch Number: TPH-1506

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
LFBLANK-10379	Total Petroleum Hydr	Lab Fort Blank Amt.	20.00	mg/l	
		Lab Fort Blk. Found	17.01	mg/l	
		Lab Fort Blk. % Rec.	85.05	%	
		Dup Lab Fort Bl Amt.	20.00	mg/l	
		Dup Lab Fort Bl. Fnd	18.00	mg/l	
		Dup Lab Fort Bl %Rec	90.00	%	
		Lab Fort Blank Range	4.95	units	0.00-16.30
		Lab Fort Bl. Av. Rec	87.52	%	73.50-107.00

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 01/05/00

Lims Bat #: LIMS-45886

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QC Batch Number: TPH-1508

Sample Id	Analysis	QC Analysis	Values	Units	Limits
99829268	Total Petroleum Hydr	Sample Amount	88.24	mg/kg	
		Duplicate Value	76.12	mg/kg	
		Duplicate RPD	14.75	%	
		Sample Amount	88.24	mg/kg	
		Matrix Spk Amt Added	1868.00	mg/kg	
		MS Amt Measured	1582.94	mg/kg	
		Matrix Spike % Rec.	80.02	%	50.20-124.00
99829278	Total Petroleum Hydr	Sample Amount	21.41	mg/kg	
		Duplicate Value	23.38	mg/kg	
		Duplicate RPD	8.79	%	
		Sample Amount	21.41	mg/kg	
		Matrix Spk Amt Added	1860.00	mg/kg	
		MS Amt Measured	1594.50	mg/kg	
		Matrix Spike % Rec.	84.58	%	50.20-124.00
99829288	Total Petroleum Hydr	Sample Amount	29.21	mg/kg	
		Duplicate Value	22.77	mg/kg	
		Duplicate RPD	24.78	%	
		Sample Amount	29.21	mg/kg	
		Matrix Spk Amt Added	1868.00	mg/kg	
		MS Amt Measured	1537.31	mg/kg	
		Matrix Spike % Rec.	80.73	%	50.20-124.00
99829290	Total Petroleum Hydr	Sample Amount	33.30	mg/kg	
		Duplicate Value	36.74	mg/kg	
		Duplicate RPD	9.83	%	
		Sample Amount	33.30	mg/kg	
		Matrix Spk Amt Added	1881.00	mg/kg	
		MS Amt Measured	1488.20	mg/kg	
		Matrix Spike % Rec.	77.35	%	50.20-124.00
STDADD-14127	Total Petroleum Hydr	Standard Measured	2032.45	mg/kg	
		Standard Amt Added	2036.00	mg/kg	
		Standard % Recovery	99.83	%	



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# CHAIN OF CUSTODY RECORD

39 SPRUCE ST. • 2ND FLOOR • EAST LONGMEADOW, MA 01028

LIMS-45847

P. 1 OF 4

Client Name: CTDOT / Maguire / LES Telephone: 860 870 1780  
 Attn: C. Knight Batch #: \_\_\_\_\_  
 Address: 354 S. River Rd. Project #: 83-230  
Tolland CT 06084  
 Site Location: Milford Rte 1 Client P.O. #: 543199  
 Sampled By: C. Knight  
 Call Results: Yes \_\_\_\_\_ No X Fax #: 860 870 1778  
 Fax Results: Yes \_\_\_\_\_ No X

Analysis Required	
TPH - 418.1	
VOG - 8260	
PAHs - 8270	
Total RCRA & Metals	
SPLP RCRA & Metals	

Field Sample I.D.	Sample Description	Lab #	DATE SAMPLED		Composite	Grab	MATRIX						Preservative (Use Code)	Container (Use Code)
			Start Date/Time	Stop Date/Time			WASTE WATER	GROUND WATER	DKG WATER	Soil	Air	Other		
GP-1	2-4'	99B29061- 99B29060	12/13/99		X						X			
GP-2	4-8'	99B29062 99B29061			X						X			
GP-3	0-2'	99B29063 99B29062			X						X			
GP-4	2-4'	99B29064 99B29063			X						X			
GP-5	0-2'	99B29065 99B29064			X						X			
GP-6	2-4'	99B29066 99B29065			X						X			
GP-7	4-6.5'	99B29067 99B29066			X						X			
GP-8	0-2'	99B29068 99B29067			X						X			

P: PLASTIC (\_\_\_\_ Size) V = 40 ml vial G = Glass (\_\_\_\_ size) A = 1000 ml Amber O = Other \_\_\_\_\_

CONTAINER CODE: \_\_\_\_\_ PRESERVATIVE CODE: \_\_\_\_\_

I = ICED N = HNO<sub>3</sub> H = HCl S = NaOH T = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> O = OTHER \_\_\_\_\_

Relinquished by: (Signature) 	Date Time 12/15/99	Received by: (Signature) 	Turnaround Requested: _____ 24-Hour _____ 48-Hour _____ Normal _____ Other _____ Date Required _____
Relinquished by: (Signature) 	Date Time <del>12-15-99</del> 12/15	Received by: (Signature) Mel Steen 4.5°C	Remarks/Comments:  *MATRIX OTHER _____
Relinquished by: (Signature) 	Date Time 12-15-99 12/15	Received by: (Signature)	

# CHAIN OF CUSTODY RECORD

LAB-45847

P. 2 OF 4

39 SPRUCE ST. • 2ND FLOOR • EAST LONGMEADOW, MA 01025

Client Name: CTDOT/Maguire/LES  
 Attn: C Knight  
 Address: 354 South River Rd.  
Tolland CT 06084  
 Site Location: Milford Rte 1  
 Sampled By: C Knight  
 Call Results: Yes  No   
 Fax Results: Yes  No

Telephone: 8608701780  
 Batch #: \_\_\_\_\_  
 Project #: 83-230  
 Client P.O. #: 543199  
 Fax #: 8608701778

Analysis Required

TPH - 41811	VOCs - 8260	PAHs - 8270	TOTAL RCRA 8 Metals	SPLP RCRA 8 Metals														
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Field Sample I.D.	Sample Description	Lab #	DATE SAMPLED		Composite	Grab	MATRIX								Preservative (Use Code)	Container (Use Code)			
			Start Date/Time	Stop Date/Time			WASTE WATER	GROUND WATER	DKG WATER	Air	*Other								
GP-4	2-4-	99B29089 79B29065	12/13/99		X														
GP-10	0-2-	79B29070 79B29069			X														
GP-11	0-2-	79B29071 79B29070	12/14/99		X														
GP-12	0-2-	99B29092 79B29071			X														
GP-13	0-2-	99B29083 79B29072			X														
GP-14	2-4-	79B29074 79B29073			X														
GP-15	0-2-	99B29095 79B29074			X														
GP-16	0-2-	99B29096 79B29075			X														

P: PLASTIC (\_\_\_\_ Size) V = 40 ml vial G = Glass (\_\_\_\_ size) A = 1000 ml Amber O - Other \_\_\_\_\_

CONTAINER CODE \_\_\_\_\_ PRESERVATIVE CODE: I = ICED N = NO<sub>3</sub> H = HCl S = NaOH T = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> O = OTHER \_\_\_\_\_

Turnaround Requested: \_\_\_\_\_ 24-Hour \_\_\_\_\_ 48-Hour  Normal \_\_\_\_\_ Other \_\_\_\_\_ Date Required \_\_\_\_\_

Relinquished by: (Signature) \_\_\_\_\_ Date Time: 12/15/99 Received by: (Signature) \_\_\_\_\_

Relinquished by: (Signature) \_\_\_\_\_ Date Time: 12-15-99 Received by: (Signature) \_\_\_\_\_ Remarks/Comments: Mil Steel 15°C

\*MATRIX OTHER \_\_\_\_\_



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FAX (413) 525-6105

# CHAIN OF CUSTODY RECORD

39 SPRUCE ST. • 2ND FLOOR • EAST LONGMEADOW, MA 01028

LIMS-45847

P. 3 OF 4

Client Name: CTDOT / Maguire / LB Telephone: 8608701780  
 Attn: C. Knight Batch #: \_\_\_\_\_  
 Address: 354 S. River Rd.  
Tolland CT 06084 Project #: 83-230  
 Site Location: Milford Rte 1 Client P.O. #: 543199  
 Sampled By: C Knight Fax #: 8608701778  
 Call Results: Yes \_\_\_\_\_ No X  
 Fax Results: Yes \_\_\_\_\_ No X

Analysis Required	
TPH - 418.1	
VOCs - 8260	
PAHs - 8270	
Total PCRA 8 Metals	
SPIC PCRA 8 Metals	

Field Sample I.D.	Sample Description	Lab #	DATE SAMPLED		Composite	Grab	MATRIX						Preservative (Use Code)	Container (Use Code)					
			Start Date/Time	Stop Date/Time			WASTE WATER	GROUND WATER	DKG WATER	Soil	Air	Other							
GP-17	0-2-	79B29097 99B29076	12/14/99		X					X					X	X	X	X	X
GP-18	2-4-	79B29078 79B29077			X					X					X	X	X	X	X
GP-19	0-2-	79B29099 99B29078			X					X					X	X	X	X	X
GP-20	0-2-	79B29100 79B29079			X					X					X	X	X	X	X
GP-21	4-7-	79B29101 99B29080			X					X					X	X	X	X	X
FB-1	Field Blank	79B29104	12/13/99												X	X	X	X	
FB-2	Field Blank	79B29105	12/14/99												X	X	X	X	
FB-1	Trip Blank	79B29102	12/13/99												X				

CONTAINER CODE: P: PLASTIC (\_\_\_ Size) V = 40 ml vial G = Glass (\_\_\_ size) A = 1000 ml Amber 0 = Other \_\_\_\_\_

PRESERVATIVE CODE: I = ICED N = HNO<sub>3</sub> H = HCl S = NaOH T = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> O = OTHER \_\_\_\_\_

Relinquished by: (Signature) 	Date Time 12/15/99	Received by: (Signature) 	Turnaround Requested: _____ 24-Hour _____ 48-Hour <u>X</u> Normal _____ Other _____ Date Required _____
Relinquished by: (Signature) 	Date Time 12-15-99	Received by: (Signature) Mel Steiner 4.5°C	Remarks/Comments:
Relinquished by: (Signature)	Date Time	Received by: (Signature)	*MATRIX OTHER <u>Blank Water</u>



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# CHAIN OF CUSTODY RECORD

39 SPRUCE ST. • 2ND FLOOR • EAST LONGMEADOW, MA 01028

LIMS-45847

P. 4 OF 4

Client Name: CTDOT / Maguire / LES Telephone: 8608701780  
 Attn: C. Knight Batch #: \_\_\_\_\_  
 Address: 354 South River Rd. Project #: 83-230  
Tolland CT 06087  
 Site Location: Milford Rte 1 Client P.O. #: 543199  
 Sampled By: C. Knight Fax #: 8608701778  
 Call Results: Yes \_\_\_\_\_ No   
 Fax Results: Yes \_\_\_\_\_ No

Analysis Required

TPH - 418.1	VOCS - 8260	PAHs - 8270	Total RCRA 8 Metals	SPLD RCRA 8 Metals															
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Field Sample I.D.	Sample Description	Lab #	DATE SAMPLED		Composite	Grab	MATRIX							Preservative (Use Code)	Container (Use Code)						
			Start Date/Time	Stop Date/Time			WASTE WATER	GROUND WATER	DKG WATER	Soil	Air	Other									
TB-2	Trip Blank	79029103	12/14/99																		

CONTAINER CODE P: PLASTIC (____ Size) V = 40 ml vial G = Glass (____ size) A = 1000 ml Amber O = Other _____		PRESERVATIVE CODE: I = ICED N = HNO <sub>3</sub> H = HCl S = NaOH T = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> O = OTHER _____	
Relinquished by: (Signature) <i>[Signature]</i>	Date Time 12/14/99	Received by: (Signature) <i>[Signature]</i>	Turnaround Requested: _____ 24-Hour _____ 48-Hour <input checked="" type="checkbox"/> Normal _____ Other _____ Date Required _____
Relinquished by: (Signature) <i>[Signature]</i>	Date Time 12/15/99	Received by: (Signature) <i>[Signature]</i>	Remarks/Comments: Blank Water
Relinquished by: (Signature)	Date Time	Received by: (Signature)	*MATRIX OTHER _____



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# CHAIN OF CUSTODY RECORD

39 SPRUCE ST. • 2ND FLOOR • EAST LONGMEADOW, MA 01028

P. 1 OF 5

Client Name: CTDOT / Maguire / LES Telephone: 8608701780  
 Attn: C. Knight Batch #: \_\_\_\_\_  
 Address: 357 South River Rd.  
Tolland CT 06084 Project #: 83-230  
 Site Location: Milford Rte 1 Client P.O. #: 543199  
 Sampled By: C. Knight Fax #: 8608701778  
 Call Results: Yes \_\_\_\_\_ No X  
 Fax Results: Yes \_\_\_\_\_ No X

Analysis Required  
Almo#45886

Field Sample I.D.	Sample Description	Lab #	DATE SAMPLED		Composite	Grab	MATRIX						Preservative (Use Code)	Container (Use Code)
			Start Date/Time	Stop Date/Time			WASTE WATER	GROUND WATER	DIG WATER	Soil	Air	*Other		
GP-22	2'-4'	29259	12/15/99		X						X			
GP-23	0'-2'	29260			X						X			
GP-24	4'-8'	29261			X						X			
GP-25	0'-2'	29262			X						X			
GP-26	2'-4'	29263			X						X			
GP-27	0'-2'	29264			X						X			
GP-28	0'-2'	29265			X						X			
GP-29	4'-8'	29266			X						X			

PH - 418.1	VOCS - 8260	PAHs - 8270	Total RCRA 8 Metals	SPLP RCRA 8 Metals										
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CONTAINER CODE P: PLASTIC (___ Size) V = 40 ml vial G = Glass (___ size) A = 1000 ml Amber O = Other _____			PRESERVATIVE CODE: I = ICED N = HNO <sub>3</sub> H = HCl S = NaOH T = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> O = OTHER _____		
Relinquished by: (Signature) <u>John Lyt</u>	Date Time <u>12/17/99</u>	Received by: (Signature) <u>Don Sch...</u>	Turnaround Requested: _____ 24-Hour _____ 48-Hour <u>X</u> Normal _____ Other _____ Date Required _____		
Relinquished by: (Signature) <u>Don Sch...</u>	Date Time <u>12/17/99</u>	Received by: (Signature) <u>John Lyt</u>	Remarks/Comments: <u>5.5°C</u>		
Relinquished by: (Signature)	Date Time	Received by: (Signature)	*MATRIX OTHER _____		



# CHAIN OF CUSTODY RECORD

Client Name: CTDOT / Maguire / LES Telephone: 8608701780  
 Attn: C. Knight Batch #: \_\_\_\_\_  
 Address: 354 South River Rd  
Tolland CT 06084 Project #: 83-230  
 Site Location: Milford Rte 1 Client P.O. #: 543199  
 Sampled By: CKnight Fax #: 8608701778  
 Call Results: Yes \_\_\_\_\_ No X  
 Fax Results: Yes \_\_\_\_\_ No X

Analysis Required  
*Amo # 45886*

Field Sample I.D.	Sample Description	Lab #	DATE SAMPLED		Composite	Grab	MATRIX						Preservative (Use Code)	Container (Use Code)
			Start Date/Time	Stop Date/Time			WASTE WATER	GROUND WATER	DKG WATER	Soil	Air	*Other		
GP-30	0'-2'	292233 29267	12/15/99		X						X			
GP-31	0'-2'	29236 29248	↓		X						X			
GP-32	0'-2'	29237 29269				X						X		
GP-33	2'-4'	29238 29270	12/16/99		X						X			
GP-34	0'-2'	29239 29271	↓		X						X			
GP-35	0'-2'	29240 29272				X						X		
GP-36	2'-4'	29241 29273	↓		X						X			
GP-37	4'-8'	29242 29274				X						X		

TPH - 418.1  
 VOC - 8260  
 PAHs - 8270  
 Total RCPA & Metals  
 SLP RCRP & Metals

CONTAINER CODE: P: PLASTIC (\_\_\_ Size) V = 40 ml vial G = Glass (\_\_\_ size) A = 1000 ml Amber O = Other \_\_\_\_\_

PRESERVATIVE CODE: I = ICED N = HNO<sub>3</sub> H = HCl S = NaOH T = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> O = OTHER \_\_\_\_\_

Relinquished by: (Signature) <i>[Signature]</i>	Date Time 12/17/99	Received by: (Signature) <i>[Signature]</i>	Turnaround Requested: _____ 24-Hour _____ 48-Hour <u>X</u> Normal _____ Other _____ Date Required _____
Relinquished by: (Signature) <i>[Signature]</i>	Date Time 12/12/99	Received by: (Signature) <i>[Signature]</i>	Remarks/Comments: <i>Min 55°C</i>
Relinquished by: (Signature)	Date Time	Received by: (Signature)	*MATRIX OTHER _____



(413) 525-2332  
FAX (413) 525-6405

# CHAIN OF CUSTODY RECORD

39 SPRUCE ST. • 2ND FLOOR • EAST LONGMEADOW, MA 01028

P. 3 OF 5

Client Name: CTDOT / Magazine / LES Telephone: 8608701780  
 Attn: C. Knight Batch #: \_\_\_\_\_  
 Address: 354 S. River Rd.  
Tolland CT 06084 Project #: 83-230  
 Site Location: Rte. 1 Milford Client P.O. #: 543199  
 Sampled By: C. Knight Fax #: 8608701778  
 Call Results: Yes \_\_\_ No X  
 Fax Results: Yes \_\_\_ No X

Analysis Required Y/mat# 45806

TPH - 418.1	VOCS - 8260	PAHs - 8270	Total RCRA & Metals	SPLP RCRA & Metals															
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Field Sample I.D.	Sample Description	Lab #	DATE SAMPLED		Composite	Grab	MATRIX							Preservative (Use Code)	Container (Use Code)				
			Start Date/Time	Stop Date/Time			WASTE WATER	GROUND WATER	DKG WATER	Soil	Air	Other							
GP-38	0'-2'	292243 29275	12/16/99		X					X					X	X	X	X	X
GP-39	<del>0'-2'</del> 0'-2'	292244 29276			X					X					X	X	X	X	X
GP-40	0'-2'	29245 29277			X					X					X	X	X	X	X
GP-41	0'-2'	29246 29278			X					X					X	X	X	X	X
GP-42	0'-2'	29247 29279			X					X					X	X	X	X	X
GP-43	0'-2'	29248 29280			X					X					X	X	X	X	X
GP-44	0'-2'	29249 29281	12/17/99		X					X					X	X	X	X	X
GP-45	0'-2'	29250 29282			X					X					X	X	X	X	X

P: PLASTIC ( \_\_\_ Size) V = 40 ml vial G = Glass ( \_\_\_ size) A = 1000 ml Amber O = Other \_\_\_\_\_

CONTAINER CODE: \_\_\_\_\_ PRESERVATIVE CODE: \_\_\_\_\_

I = ICED N = HNO<sub>3</sub> H = HCl S = NaOH T = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> O = OTHER \_\_\_\_\_

Relinquished by: (Signature) 	Date Time 12/17/99	Received by: (Signature) 	Turnaround Requested: _____ 24-Hour _____ 48-Hour <u>X</u> Normal _____ Other _____ Date Required _____
Relinquished by: (Signature) 	Date Time 12/17/99	Received by: (Signature) 	Remarks/Comments: 5.5°C
Relinquished by: (Signature)	Date Time	Received by: (Signature)	*MATRIX OTHER _____



(413) 525-2332  
FAX (413) 525-6405

# CHAIN OF CUSTODY RECORD

30 SPRUCE ST. • 2ND FLOOR • EAST LONGMEADOW, MA 01025

P. 4 OF 5

Client Name: CTDOT / Magazine / Logical Environmental Solutions Telephone: 8608701780  
 Attn: C. Knight Batch #: \_\_\_\_\_  
 Address: 357 S River Rd.  
Tolland CT 06084 Project #: 83-230  
 Site Location: Rte. 1 Milford Client P.O. #: 543199  
 Sampled By: C. Knight  
 Call Results: Yes \_\_\_\_\_ No   
 Fax Results: Yes \_\_\_\_\_ No  Fax #: 8608701778

Analysis Required Mo # 45886

Field Sample I.D.	Sample Description	Lab #	DATE SAMPLED		Composite	Grab	MATRIX						Preservative (Use Code)	Container (Use Code)					
			Start Date/Time	Stop Date/Time			WASTE WATER	GROUND WATER	DKG WATER	Soil	Air	Other							
GP-46	0'-2'	2929231 29283	12/17/99		X					X					TPH - 418.1	VOCs - 8260	PAHs - 8270	Total RCRA 8 Metals	SPLP RCRA 8 Metals
GP-47	2'-4'	29252 29284			X					X									
GP-48	0'-2'	29253 29285			X					X									
GP-49	2'-4'	29254 29286			X					X									
GP-50	0'-2'	29255 29287			X					X									
GP-51	0'-2'	29256 29288			X					X									
GP-52	2'-4'	29257 29289			X					X									
GP-53	0'-2'	29258 29290			X					X									

P: PLASTIC (\_\_\_\_ Size) V = 40 ml vial G = Glass (\_\_\_\_ size) A = 1000 ml Amber O = Other \_\_\_\_\_ I = ICED N = HNO<sub>3</sub> H = HCl S = NaOH T = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> O = OTHER \_\_\_\_\_

Relinquished by: (Signature) [Signature] Date Time 12/17/99 9:00 Received by: (Signature) [Signature]  
 Turnaround Requested: \_\_\_\_\_ 24-Hour \_\_\_\_\_ 48-Hour  Normal  
 \_\_\_\_\_ Other \_\_\_\_\_ Date Required \_\_\_\_\_  
 Relinquished by: (Signature) [Signature] Date Time 12/17/99 10:00 Received by: (Signature) [Signature] Remarks/Comments: ml stored 5.5°C  
 Relinquished by: (Signature) \_\_\_\_\_ Date Time \_\_\_\_\_ Received by: (Signature) \_\_\_\_\_  
 \*MATRIX OTHER \_\_\_\_\_

# CHAIN OF CUSTODY RECORD

P. 5 OF 5

Client Name: CTDOT / Maguire / LES Telephone: 8608701780  
 Attn: C. Knight Batch #: \_\_\_\_\_  
 Address: 354 South River Rd.  
Tolland CT 06084 Project #: 83-230  
 Site Location: Milford Rt 1 Client P.O. #: 543199  
 Sampled By: C. Knight Fax #: 8608701778  
 Call Results: Yes \_\_\_\_\_ No X  
 Fax Results: Yes \_\_\_\_\_ No X

Y  
Analysis # 45886  
Required

Field Sample I.D.	Sample Description	Lab #	DATE SAMPLED		Composite	Grab	MATRIX							Preservative (Use Code)	Container (Use Code)
			Start Date/Time	Stop Date/Time			WASTE WATER	GROUND WATER	DKG WATER	Soil	Air	*Other			
FB-3	Field Blank	29297	12/15/99										X		
FB-4	↓	29298	12/16/99										X		
FB-5	↓	29299	12/17/99										X		
TB-3	Trip Blank	29300	12/15/99										X		
TB-4	↓	29301	12/16/99										X		
TB-5	↓	29302	12/17/99										X		

PH - 418.1  
 VOCs - 8260  
 PAHs - 8270  
 Total RCRA 8 Metals  
 SPLP RCRA 8 Metals

CONTAINER CODE			PRESERVATIVE CODE:		
P: PLASTIC (____ Size) V = 40 ml vial G = Glass (____ size) A = 1000 ml Amber 0 = Other _____			I = ICED N = HNO <sub>3</sub> H = HCl S = NaOH T = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> O = OTHER _____		
Relinquished by: (Signature) 	Date Time 12/17/99	Received by: (Signature) 	Turnaround Requested _____ 24-Hour _____ 48-Hour <u>X</u> Normal _____ Other _____ Date Required _____		
Relinquished by: (Signature) 	Date Time 12/17/99	Received by: (Signature) Paul H. J. ... 5.5°C	Remarks/Comments:		
Relinquished by: (Signature)	Date Time	Received by: (Signature)	*MATRIX OTHER <u>Blank Water</u>		