METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L030153 **Work Order #...:** CEGGQ101 **Matrix.....:** SOLID
MB Lot-Sample #: A7L110000-196

Prep Date.....: 12/11/97
Analysis Date..: 12/11/97 **Prep Batch #...:** 7345196
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	1200	ug/kg	SW846 8260A
Bromomethane	ND	1200	ug/kg	SW846 8260A
Vinyl chloride	ND	1200	ug/kg	SW846 8260A
Chloroethane	ND	1200	ug/kg	SW846 8260A
Methylene chloride	ND	620	ug/kg	SW846 8260A
Acetone	ND	2500	ug/kg	SW846 8260A
Carbon disulfide	ND	620	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	620	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	620	ug/kg	SW846 8260A
Chloroform	ND	620	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	620	ug/kg	SW846 8260A
2-Butanone	ND	2500	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	620	ug/kg	SW846 8260A
Carbon tetrachloride	ND	620	ug/kg	SW846 8260A
Bromodichloromethane	ND	620	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	620	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	620	ug/kg	SW846 8260A
Trichloroethene	ND	620	ug/kg	SW846 8260A
Dibromochloromethane	ND	620	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	620	ug/kg	SW846 8260A
Benzene	ND	620	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	620	ug/kg	SW846 8260A
Bromoform	ND	620	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	2500	ug/kg	SW846 8260A
2-Hexanone	ND	2500	ug/kg	SW846 8260A
Tetrachloroethene	ND	620	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	620	ug/kg	SW846 8260A
Toluene	ND	620	ug/kg	SW846 8260A
Chlorobenzene	ND	620	ug/kg	SW846 8260A
Ethylbenzene	ND	620	ug/kg	SW846 8260A
Styrene	ND	620	ug/kg	SW846 8260A
Xylenes (total)	ND	620	ug/kg	SW846 8260A
cis-1,2-Dichloroethene	ND	310	ug/kg	SW846 8260A
trans-1,2-Dichloroethene	ND	310	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(61 - 115)
Toluene-d8	98	(82 - 129)
Bromofluorobenzene	100	(64 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L030153 **Work Order #...:** CEGL6101 **Matrix.....:** SOLID
MB Lot-Sample #: A7L110000-223

Prep Date.....: 12/10/97
Analysis Date..: 12/10/97 **Prep Batch #...:** 7345223
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	10	ug/kg	SW846 8260A
Bromomethane	ND	10	ug/kg	SW846 8260A
Vinyl chloride	ND	10	ug/kg	SW846 8260A
Chloroethane	ND	10	ug/kg	SW846 8260A
Methylene chloride	ND	5.0	ug/kg	SW846 8260A
Acetone	ND	20	ug/kg	SW846 8260A
Carbon disulfide	ND	5.0	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260A
Chloroform	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260A
2-Butanone	ND	20	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260A
Trichloroethene	ND	5.0	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260A
Benzene	ND	5.0	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260A
Bromoform	ND	5.0	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260A
2-Hexanone	ND	20	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260A
Toluene	ND	5.0	ug/kg	SW846 8260A
Chlorobenzene	ND	5.0	ug/kg	SW846 8260A
Ethylbenzene	ND	5.0	ug/kg	SW846 8260A
Styrene	ND	5.0	ug/kg	SW846 8260A
Xylenes (total)	ND	5.0	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.5	ug/kg	SW846 8260A
trans-1,2-Dichloroethylen	ND	2.5	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(61 - 115)
Toluene-d8	97	(82 - 129)
Bromofluorobenzene	94	(64 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results

RC 3-16-98
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3/18/98

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-22I 40-42'

GC/MS Volatiles

Lot-Sample #...: A7K250157-001 **Work Order #...:** CE8MJ102 **Matrix.....:** SOLID
Date Sampled...: 11/21/97 08:15 **Date Received..:** 11/25/97
Prep Date.....: 12/05/97 **Analysis Date..:** 12/05/97
Prep Batch #...: 7342241
Dilution Factor: 1
% Moisture.....: 5.7

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	11	ug/kg	SW846 8260A
Bromomethane	ND	11	ug/kg	SW846 8260A
Vinyl chloride	ND	11	ug/kg	SW846 8260A
Chloroethane	ND	11	ug/kg	SW846 8260A
Methylene chloride	ND	5.3	ug/kg	SW846 8260A
Acetone	ND	21	ug/kg	SW846 8260A
Carbon disulfide	ND	5.3	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.3	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.3	ug/kg	SW846 8260A
Chloroform	ND	5.3	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.3	ug/kg	SW846 8260A
2-Butanone	ND	21	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.3	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.3	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.3	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.3	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.3	ug/kg	SW846 8260A
Trichloroethene	ND	5.3	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.3	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.3	ug/kg	SW846 8260A
Benzene	ND	5.3	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.3	ug/kg	SW846 8260A
Bromoform	ND	5.3	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	21	ug/kg	SW846 8260A
2-Hexanone	ND	21	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.3	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.3	ug/kg	SW846 8260A
Toluene	ND	5.3	ug/kg	SW846 8260A
Chlorobenzene	ND	5.3	ug/kg	SW846 8260A
Ethylbenzene	ND	5.3	ug/kg	SW846 8260A
Styrene	ND	5.3	ug/kg	SW846 8260A
Xylenes (total)	ND	5.3	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.7	ug/kg	SW846 8260A
trans-1,2-Dichloroethylene	ND	2.7	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	117 *	(61 - 115)
Toluene-d8	94	(82 - 129)
Bromofluorobenzene	92	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-22I 40-42'

GC/MS Volatiles

Lot-Sample #...: A7K250157-001 Work Order #...: CE8MJ102 Matrix.....: SOLID

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Surrogates outside acceptance criteria due to demonstrated matrix effect.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ15I-E

GC/MS Volatiles

Lot-Sample #...: A7K250157-002 **Work Order #...:** CE8MM101 **Matrix.....:** WATER
Date Sampled...: 11/22/97 08:05 **Date Received..:** 11/25/97
Prep Date.....: 12/04/97 **Analysis Date..:** 12/04/97
Prep Batch #...: 7339194
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	2.0	ug/L	SW846 8260A
Bromomethane	ND	2.0	ug/L	SW846 8260A
Vinyl chloride	ND	1.0	ug/L	SW846 8260A
Chloroethane	ND	2.0	ug/L	SW846 8260A
Methylene chloride	ND	1.0	ug/L	SW846 8260A
Acetone	ND	10	ug/L	SW846 8260A
Carbon disulfide	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A
Chloroform	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A
2-Butanone	ND	10	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Trichloroethene	ND	1.0	ug/L	SW846 8260A
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Benzene	ND	1.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Bromoform	ND	1.0	ug/L	SW846 8260A
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A
2-Hexanone	ND	10	ug/L	SW846 8260A
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A
Toluene	ND	1.0	ug/L	SW846 8260A
Chlorobenzene	ND	1.0	ug/L	SW846 8260A
Ethylbenzene	ND	1.0	ug/L	SW846 8260A
Styrene	ND	1.0	ug/L	SW846 8260A
Xylenes (total)	ND	1.0	ug/L	SW846 8260A
cis-1,2-Dichloroethylene	ND	0.50	ug/L	SW846 8260A
trans-1,2-Dichloroethylene	ND	0.50	ug/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	118	(69 - 127)
Toluene-d8	94	(90 - 112)
Bromofluorobenzene	104	(87 - 114)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-15I 30-32'

GC/MS Volatiles

Lot-Sample #...: A7K250157-003 **Work Order #...:** CE8MN102 **Matrix.....:** SOLID
Date Sampled...: 11/22/97 08:25 **Date Received..:** 11/25/97
Prep Date.....: 12/06/97 **Analysis Date..:** 12/06/97
Prep Batch #...: 7341105
Dilution Factor: 1
% Moisture.....: 8.3

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	11	ug/kg	SW846 8260A
Bromomethane	ND	11	ug/kg	SW846 8260A
Vinyl chloride	ND	11	ug/kg	SW846 8260A
Chloroethane	ND	11	ug/kg	SW846 8260A
Methylene chloride	ND	5.5	ug/kg	SW846 8260A
Acetone	ND	22	ug/kg	SW846 8260A
Carbon disulfide	ND	5.5	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.5	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.5	ug/kg	SW846 8260A
Chloroform	ND	5.5	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.5	ug/kg	SW846 8260A
2-Butanone	ND	22	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.5	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.5	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.5	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.5	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.5	ug/kg	SW846 8260A
Trichloroethene	ND	5.5	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.5	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.5	ug/kg	SW846 8260A
Benzene	ND	5.5	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.5	ug/kg	SW846 8260A
Bromoform	ND	5.5	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	22	ug/kg	SW846 8260A
2-Hexanone	ND	22	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.5	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.5	ug/kg	SW846 8260A
Toluene	ND	5.5	ug/kg	SW846 8260A
Chlorobenzene	ND	5.5	ug/kg	SW846 8260A
Ethylbenzene	ND	5.5	ug/kg	SW846 8260A
Styrene	ND	5.5	ug/kg	SW846 8260A
Xylenes (total)	ND	5.5	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.7	ug/kg	SW846 8260A
trans-1,2-Dichloroethylene	ND	2.7	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	107	(61 - 115)
Toluene-d8	95	(82 - 129)
Bromofluorobenzene	94	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-15I 30-32'

GC/MS Volatiles

Lot-Sample #...: A7K250157-003 Work Order #...: CE8MN102 Matrix.....: SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-15I 30-32' DUP

GC/MS Volatiles

Lot-Sample #...: A7K250157-004 **Work Order #...:** CE8MQ102 **Matrix.....:** SOLID
Date Sampled...: 11/22/97 08:25 **Date Received..:** 11/25/97
Prep Date.....: 12/06/97 **Analysis Date..:** 12/06/97
Prep Batch #...: 7341105
Dilution Factor: 1
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	11	ug/kg	SW846 8260A
Bromomethane	ND	11	ug/kg	SW846 8260A
Vinyl chloride	ND	11	ug/kg	SW846 8260A
Chloroethane	ND	11	ug/kg	SW846 8260A
Methylene chloride	ND	5.7	ug/kg	SW846 8260A
Acetone	ND	23	ug/kg	SW846 8260A
Carbon disulfide	ND	5.7	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.7	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.7	ug/kg	SW846 8260A
Chloroform	ND	5.7	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.7	ug/kg	SW846 8260A
2-Butanone	ND	23	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.7	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.7	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.7	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.7	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.7	ug/kg	SW846 8260A
Trichloroethene	ND	5.7	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.7	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.7	ug/kg	SW846 8260A
Benzene	ND	5.7	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.7	ug/kg	SW846 8260A
Bromoform	ND	5.7	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	23	ug/kg	SW846 8260A
2-Hexanone	ND	23	ug/kg	SW846 8260A
Tetrachloroethene	**55**	**5.7**	**ug/kg**	**SW846 8260A**
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg	SW846 8260A
Toluene	ND	5.7	ug/kg	SW846 8260A
Chlorobenzene	ND	5.7	ug/kg	SW846 8260A
Ethylbenzene	ND	5.7	ug/kg	SW846 8260A
Styrene	ND	5.7	ug/kg	SW846 8260A
Xylenes (total)	ND	5.7	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.9	ug/kg	SW846 8260A
trans-1,2-Dichloroethylene	ND	2.9	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	117 *	(61 - 115)
Toluene-d8	91	(82 - 129)
Bromofluorobenzene	86	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-15I 30-32' DUP

GC/MS Volatiles

Lot-Sample #...: A7K250157-004 **Work Order #...:** CE8MQ102 **Matrix.....:** SOLID

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-15I 30-32' DUP

GC/MS Volatiles

Lot-Sample #...: A7K250157-004 **Work Order #...:** CE8MQ202 **Matrix.....:** SOLID
Date Sampled...: 11/22/97 08:25 **Date Received..:** 11/25/97
Prep Date.....: 12/07/97 **Analysis Date..:** 12/07/97
Prep Batch #...: 7344207
Dilution Factor: 1
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	11	ug/L	SW846 8260A
Bromomethane	ND	11	ug/L	SW846 8260A
Vinyl chloride	ND	11	ug/L	SW846 8260A
Chloroethane	ND	11	ug/L	SW846 8260A
Methylene chloride	ND	5.7	ug/L	SW846 8260A
Acetone	ND	23	ug/L	SW846 8260A
Carbon disulfide	ND	5.7	ug/L	SW846 8260A
1,1-Dichloroethene	ND	5.7	ug/L	SW846 8260A
1,1-Dichloroethane	ND	5.7	ug/L	SW846 8260A
Chloroform	ND	5.7	ug/L	SW846 8260A
1,2-Dichloroethane	ND	5.7	ug/L	SW846 8260A
2-Butanone	ND	23	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	5.7	ug/L	SW846 8260A
Carbon tetrachloride	ND	5.7	ug/L	SW846 8260A
Bromodichloromethane	ND	5.7	ug/L	SW846 8260A
1,2-Dichloropropane	ND	5.7	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	5.7	ug/L	SW846 8260A
Trichloroethene	ND	5.7	ug/L	SW846 8260A
Dibromochloromethane	ND	5.7	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	5.7	ug/L	SW846 8260A
Benzene	ND	5.7	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	5.7	ug/L	SW846 8260A
Bromoform	ND	5.7	ug/L	SW846 8260A
4-Methyl-2-pentanone	ND	23	ug/L	SW846 8260A
2-Hexanone	ND	23	ug/L	SW846 8260A
Tetrachloroethene	**21**	**5.7**	**ug/L**	**SW846 8260A**
1,1,2,2-Tetrachloroethane	ND	5.7	ug/L	SW846 8260A
Toluene	ND	5.7	ug/L	SW846 8260A
Chlorobenzene	ND	5.7	ug/L	SW846 8260A
Ethylbenzene	ND	5.7	ug/L	SW846 8260A
Styrene	ND	5.7	ug/L	SW846 8260A
Xylenes (total)	ND	5.7	ug/L	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.9	ug/L	SW846 8260A
trans-1,2-Dichloroethylene	ND	2.9	ug/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	114	(61 - 115)
Toluene-d8	91	(82 - 129)
Bromofluorobenzene	92	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-15I 30-32' DUP

GC/MS Volatiles

Lot-Sample #...: A7K250157-004 **Work Order #...:** CE8MQ202 **Matrix.....:** SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: MW11S-E

GC/MS Volatiles

Lot-Sample #...: A7K250157-005 **Work Order #...:** CE8MR101 **Matrix.....:** WATER
Date Sampled...: 11/24/97 10:45 **Date Received..:** 11/25/97
Prep Date.....: 12/04/97 **Analysis Date..:** 12/04/97
Prep Batch #...: 7339218
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	2.0	ug/L	SW846 8260A
Bromomethane	ND	2.0	ug/L	SW846 8260A
Vinyl chloride	ND	1.0	ug/L	SW846 8260A
Chloroethane	ND	2.0	ug/L	SW846 8260A
Methylene chloride	ND	1.0	ug/L	SW846 8260A
Acetone	ND	10	ug/L	SW846 8260A
Carbon disulfide	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A
Chloroform	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A
2-Butanone	ND	10	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Trichloroethene	**1.7**	**1.0**	**ug/L**	**SW846 8260A**
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Benzene	ND	1.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Bromoform	ND	1.0	ug/L	SW846 8260A
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A
2-Hexanone	ND	10	ug/L	SW846 8260A
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A
Toluene	ND	1.0	ug/L	SW846 8260A
Chlorobenzene	ND	1.0	ug/L	SW846 8260A
Ethylbenzene	ND	1.0	ug/L	SW846 8260A
Styrene	ND	1.0	ug/L	SW846 8260A
Xylenes (total)	ND	1.0	ug/L	SW846 8260A
cis-1,2-Dichloroethylene	ND	0.50	ug/L	SW846 8260A
trans-1,2-Dichloroethylene	ND	0.50	ug/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(69 - 127)
Toluene-d8	102	(90 - 112)
Bromofluorobenzene	111	(87 - 114)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: MW-11S 28-30'

GC/MS Volatiles

Lot-Sample #...: A7K250157-006 **Work Order #...:** CE8MT102 **Matrix.....:** SOLID
Date Sampled...: 11/24/97 11:19 **Date Received..:** 11/25/97
Prep Date.....: 12/07/97 **Analysis Date..:** 12/07/97
Prep Batch #...: 7344207
Dilution Factor: 1
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	12	ug/kg	SW846 8260A
Bromomethane	ND	12	ug/kg	SW846 8260A
Vinyl chloride	ND	12	ug/kg	SW846 8260A
Chloroethane	ND	12	ug/kg	SW846 8260A
Methylene chloride	ND	5.8	ug/kg	SW846 8260A
Acetone	ND	23	ug/kg	SW846 8260A
Carbon disulfide	ND	5.8	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.8	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.8	ug/kg	SW846 8260A
Chloroform	ND	5.8	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.8	ug/kg	SW846 8260A
2-Butanone	ND	23	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.8	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.8	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.8	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.8	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.8	ug/kg	SW846 8260A
Trichloroethene	**120**	**5.8**	**ug/kg**	**SW846 8260A**
Dibromochloromethane	ND	5.8	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.8	ug/kg	SW846 8260A
Benzene	ND	5.8	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.8	ug/kg	SW846 8260A
Bromoform	ND	5.8	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	23	ug/kg	SW846 8260A
2-Hexanone	ND	23	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.8	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	SW846 8260A
Toluene	ND	5.8	ug/kg	SW846 8260A
Chlorobenzene	ND	5.8	ug/kg	SW846 8260A
Ethylbenzene	ND	5.8	ug/kg	SW846 8260A
Styrene	ND	5.8	ug/kg	SW846 8260A
Xylenes (total)	ND	5.8	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	**3.5**	**2.9**	**ug/kg**	**SW846 8260A**
trans-1,2-Dichloroethylene	ND	2.9	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	115	(61 - 115)
Toluene-d8	93	(82 - 129)
Bromofluorobenzene	93	(64 - 112)

(Continued on next page)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: MW-11S 28-30'

GC/MS Volatiles

Lot-Sample #...: A7K250157-006 Work Order #...: CE8MT102 Matrix.....: SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-10I 30-32' (MS/MSD)

GC/MS Volatiles

Lot-Sample #...: A7K250157-007 **Work Order #...:** CE8MV102 **Matrix.....:** SOLID
Date Sampled...: 11/24/97 13:00 **Date Received..:** 11/25/97
Prep Date.....: 12/04/97 **Analysis Date..:** 12/05/97
Prep Batch #...: 7338202
Dilution Factor: 1
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	1500	ug/kg	SW846 8260A
Bromomethane	ND	1500	ug/kg	SW846 8260A
Vinyl chloride	ND	1500	ug/kg	SW846 8260A
Chloroethane	ND	1500	ug/kg	SW846 8260A
Methylene chloride	ND	750	ug/kg	SW846 8260A
Acetone	ND	3000	ug/kg	SW846 8260A
Carbon disulfide	ND	750	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	750	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	750	ug/kg	SW846 8260A
Chloroform	ND	750	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	750	ug/kg	SW846 8260A
2-Butanone	ND	3000	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	750	ug/kg	SW846 8260A
Carbon tetrachloride	ND	750	ug/kg	SW846 8260A
Bromodichloromethane	ND	750	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	750	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	750	ug/kg	SW846 8260A
Trichloroethene	**21000**	**750**	**ug/kg**	**SW846 8260A**
Dibromochloromethane	ND	750	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	750	ug/kg	SW846 8260A
Benzene	ND	750	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	750	ug/kg	SW846 8260A
Bromoform	ND	750	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	3000	ug/kg	SW846 8260A
2-Hexanone	ND	3000	ug/kg	SW846 8260A
Tetrachloroethene	ND	750	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	750	ug/kg	SW846 8260A
Toluene	ND	750	ug/kg	SW846 8260A
Chlorobenzene	ND	750	ug/kg	SW846 8260A
Ethylbenzene	ND	750	ug/kg	SW846 8260A
Styrene	ND	750	ug/kg	SW846 8260A
Xylenes (total)	ND	750	ug/kg	SW846 8260A
trans-1,2-Dichloroethene	ND	370	ug/kg	SW846 8260A
cis-1,2-Dichloroethene	ND	370	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(61 - 115)
Toluene-d8	93	(82 - 129)
Bromofluorobenzene	95	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-10I 30-32' (MS/MSD)

GC/MS Volatiles

Lot-Sample #...: A7K250157-007 Work Order #...: CE8MV102 Matrix.....: SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-10I 50-52'

GC/MS Volatiles

Lot-Sample #...: A7K250157-008 **Work Order #...:** CE8N0102 **Matrix.....:** SOLID
Date Sampled...: 11/24/97 13:50 **Date Received..:** 11/25/97
Prep Date.....: 12/04/97 **Analysis Date..:** 12/04/97
Prep Batch #...: 7338202
Dilution Factor: 1
% Moisture.....: 9.0

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	1400	ug/kg	SW846 8260A
Bromomethane	ND	1400	ug/kg	SW846 8260A
Vinyl chloride	ND	1400	ug/kg	SW846 8260A
Chloroethane	ND	1400	ug/kg	SW846 8260A
Methylene chloride	ND	690	ug/kg	SW846 8260A
Acetone	ND	2700	ug/kg	SW846 8260A
Carbon disulfide	ND	690	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	690	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	690	ug/kg	SW846 8260A
Chloroform	ND	690	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	690	ug/kg	SW846 8260A
2-Butanone	ND	2700	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	690	ug/kg	SW846 8260A
Carbon tetrachloride	ND	690	ug/kg	SW846 8260A
Bromodichloromethane	ND	690	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	690	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	690	ug/kg	SW846 8260A
Trichloroethene	**3100**	**690**	**ug/kg**	**SW846 8260A**
Dibromochloromethane	ND	690	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	690	ug/kg	SW846 8260A
Benzene	ND	690	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	690	ug/kg	SW846 8260A
Bromoform	ND	690	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	2700	ug/kg	SW846 8260A
2-Hexanone	ND	2700	ug/kg	SW846 8260A
Tetrachloroethene	ND	690	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	690	ug/kg	SW846 8260A
Toluene	ND	690	ug/kg	SW846 8260A
Chlorobenzene	ND	690	ug/kg	SW846 8260A
Ethylbenzene	ND	690	ug/kg	SW846 8260A
Styrene	ND	690	ug/kg	SW846 8260A
Xylenes (total)	ND	690	ug/kg	SW846 8260A
trans-1,2-Dichloroethene	ND	340	ug/kg	SW846 8260A
cis-1,2-Dichloroethene	ND	340	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	83	(61 - 115)
Toluene-d8	85	(82 - 129)
Bromofluorobenzene	88	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-10I 50-52'

GC/MS Volatiles

Lot-Sample #...: A7K250157-008 Work Order #...: CE8N0102 Matrix.....: SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-10I 50-52' DUP

GC/MS Volatiles

Lot-Sample #...: A7K250157-009 **Work Order #...:** CE8N2102 **Matrix.....:** SOLID
Date Sampled...: 11/24/97 13:50 **Date Received..:** 11/25/97
Prep Date.....: 12/04/97 **Analysis Date..:** 12/04/97
Prep Batch #...: 7338202
Dilution Factor: 1
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	1400	ug/kg	SW846 8260A
Bromomethane	ND	1400	ug/kg	SW846 8260A
Vinyl chloride	ND	1400	ug/kg	SW846 8260A
Chloroethane	ND	1400	ug/kg	SW846 8260A
Methylene chloride	ND	700	ug/kg	SW846 8260A
Acetone	ND	2800	ug/kg	SW846 8260A
Carbon disulfide	ND	700	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	700	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	700	ug/kg	SW846 8260A
Chloroform	ND	700	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	700	ug/kg	SW846 8260A
2-Butanone	ND	2800	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	700	ug/kg	SW846 8260A
Carbon tetrachloride	ND	700	ug/kg	SW846 8260A
Bromodichloromethane	ND	700	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	700	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	700	ug/kg	SW846 8260A
Trichloroethene	**13000**	**700**	**ug/kg**	**SW846 8260A**
Dibromochloromethane	ND	700	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	700	ug/kg	SW846 8260A
Benzene	ND	700	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	700	ug/kg	SW846 8260A
Bromoform	ND	700	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	2800	ug/kg	SW846 8260A
2-Hexanone	ND	2800	ug/kg	SW846 8260A
Tetrachloroethene	ND	700	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	700	ug/kg	SW846 8260A
Toluene	ND	700	ug/kg	SW846 8260A
Chlorobenzene	ND	700	ug/kg	SW846 8260A
Ethylbenzene	ND	700	ug/kg	SW846 8260A
Styrene	ND	700	ug/kg	SW846 8260A
Xylenes (total)	ND	700	ug/kg	SW846 8260A
trans-1,2-Dichloroethene	ND	350	ug/kg	SW846 8260A
cis-1,2-Dichloroethene	**1400**	**350**	**ug/kg**	**SW846 8260A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	83	(61 - 115)
Toluene-d8	84	(82 - 129)
Bromofluorobenzene	87	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-10I 50-52' DUP

GC/MS Volatiles

Lot-Sample #...: A7K250157-009 **Work Order #...:** CE8N2102 **Matrix.....:** SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight

COMPUCHEM ENVIRONMENTAL

Client Sample ID: T-112497

GC/MS Volatiles

Lot-Sample #...: A7K250157-010 **Work Order #...:** CE8N3101 **Matrix.....:** WATER
Date Sampled...: 11/24/97 00:00 **Date Received..:** 11/25/97
Prep Date.....: 12/04/97 **Analysis Date..:** 12/04/97
Prep Batch #...: 7339218
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	2.0	ug/L	SW846 8260A
Bromomethane	ND	2.0	ug/L	SW846 8260A
Vinyl chloride	ND	1.0	ug/L	SW846 8260A
Chloroethane	ND	2.0	ug/L	SW846 8260A
Methylene chloride	ND	1.0	ug/L	SW846 8260A
Acetone	ND	10	ug/L	SW846 8260A
Carbon disulfide	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A
Chloroform	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A
2-Butanone	ND	10	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Trichloroethene	ND	1.0	ug/L	SW846 8260A
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Benzene	ND	1.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Bromoform	ND	1.0	ug/L	SW846 8260A
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A
2-Hexanone	ND	10	ug/L	SW846 8260A
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A
Toluene	ND	1.0	ug/L	SW846 8260A
Chlorobenzene	ND	1.0	ug/L	SW846 8260A
Ethylbenzene	ND	1.0	ug/L	SW846 8260A
Styrene	ND	1.0	ug/L	SW846 8260A
Xylenes (total)	ND	1.0	ug/L	SW846 8260A
cis-1,2-Dichloroethylene	ND	0.50	ug/L	SW846 8260A
trans-1,2-Dichloroethylene	ND	0.50	ug/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(69 - 127)
Toluene-d8	102	(90 - 112)
Bromofluorobenzene	112	(87 - 114)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7K250157 **Work Order #...:** CEDNR101 **Matrix.....:** WATER
MB Lot-Sample #: A7L050000-194

Prep Date.....: 12/04/97
Analysis Date..: 12/04/97 **Prep Batch #...:** 7339194
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	2.0	ug/L	SW846 8260A
Bromomethane	ND	2.0	ug/L	SW846 8260A
Vinyl chloride	ND	1.0	ug/L	SW846 8260A
Chloroethane	ND	2.0	ug/L	SW846 8260A
Methylene chloride	ND	1.0	ug/L	SW846 8260A
Acetone	ND	10	ug/L	SW846 8260A
Carbon disulfide	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A
Chloroform	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A
2-Butanone	ND	10	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Trichloroethene	ND	1.0	ug/L	SW846 8260A
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Benzene	ND	1.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Bromoform	ND	1.0	ug/L	SW846 8260A
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A
2-Hexanone	ND	10	ug/L	SW846 8260A
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A
Toluene	ND	1.0	ug/L	SW846 8260A
Chlorobenzene	ND	1.0	ug/L	SW846 8260A
Ethylbenzene	ND	1.0	ug/L	SW846 8260A
Styrene	ND	1.0	ug/L	SW846 8260A
Xylenes (total)	ND	1.0	ug/L	SW846 8260A
cis-1,2-Dichloroethylene	ND	0.50	ug/L	SW846 8260A
trans-1,2-Dichloroethylen	ND	0.50	ug/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(69 - 127)
Toluene-d8	99	(90 - 112)
Bromofluorobenzene	103	(87 - 114)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7K250157 **Work Order #...:** CEDX3101 **Matrix.....:** WATER
MB Lot-Sample #: A7L050000-218

Prep Date.....: 12/04/97
Analysis Date..: 12/04/97 **Prep Batch #...:** 7339218
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	2.0	ug/L	SW846 8260A
Bromomethane	ND	2.0	ug/L	SW846 8260A
Vinyl chloride	ND	1.0	ug/L	SW846 8260A
Chloroethane	ND	2.0	ug/L	SW846 8260A
Methylene chloride	ND	1.0	ug/L	SW846 8260A
Acetone	ND	10	ug/L	SW846 8260A
Carbon disulfide	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A
Chloroform	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A
2-Butanone	ND	10	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Trichloroethene	ND	1.0	ug/L	SW846 8260A
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Benzene	ND	1.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Bromoform	ND	1.0	ug/L	SW846 8260A
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A
2-Hexanone	ND	10	ug/L	SW846 8260A
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A
Toluene	ND	1.0	ug/L	SW846 8260A
Chlorobenzene	ND	1.0	ug/L	SW846 8260A
Ethylbenzene	ND	1.0	ug/L	SW846 8260A
Styrene	ND	1.0	ug/L	SW846 8260A
Xylenes (total)	ND	1.0	ug/L	SW846 8260A
cis-1,2-Dichloroethylene	ND	0.50	ug/L	SW846 8260A
trans-1,2-Dichloroethylen	ND	0.50	ug/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	107	(69 - 127)
Toluene-d8	104	(90 - 112)
Bromofluorobenzene	112	(87 - 114)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7K250157 **Work Order #...:** CED09101 **Matrix.....:** SOLID
MB Lot-Sample #: A7L040000-202

Prep Date.....: 12/04/97
Analysis Date..: 12/05/97 **Prep Batch #...:** 7338202
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	1200	ug/kg	SW846 8260A
Bromomethane	ND	1200	ug/kg	SW846 8260A
Vinyl chloride	ND	1200	ug/kg	SW846 8260A
Chloroethane	ND	1200	ug/kg	SW846 8260A
Methylene chloride	ND	620	ug/kg	SW846 8260A
Acetone	ND	2500	ug/kg	SW846 8260A
Carbon disulfide	ND	620	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	620	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	620	ug/kg	SW846 8260A
Chloroform	ND	620	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	620	ug/kg	SW846 8260A
2-Butanone	ND	2500	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	620	ug/kg	SW846 8260A
Carbon tetrachloride	ND	620	ug/kg	SW846 8260A
Bromodichloromethane	ND	620	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	620	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	620	ug/kg	SW846 8260A
Trichloroethene	ND	620	ug/kg	SW846 8260A
Dibromochloromethane	ND	620	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	620	ug/kg	SW846 8260A
Benzene	ND	620	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	620	ug/kg	SW846 8260A
Bromoform	ND	620	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	2500	ug/kg	SW846 8260A
2-Hexanone	ND	2500	ug/kg	SW846 8260A
Tetrachloroethene	ND	620	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	620	ug/kg	SW846 8260A
Toluene	ND	620	ug/kg	SW846 8260A
Chlorobenzene	ND	620	ug/kg	SW846 8260A
Ethylbenzene	ND	620	ug/kg	SW846 8260A
Styrene	ND	620	ug/kg	SW846 8260A
Xylenes (total)	ND	620	ug/kg	SW846 8260A
cis-1,2-Dichloroethene	ND	310	ug/kg	SW846 8260A
trans-1,2-Dichloroethene	ND	310	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	94	(61 - 115)
Toluene-d8	92	(82 - 129)
Bromofluorobenzene	95	(64 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7K250157 **Work Order #...:** CEEEW101 **Matrix.....:** SOLID
MB Lot-Sample #: A7L070000-105

Prep Date.....: 12/06/97
Analysis Date..: 12/06/97 **Prep Batch #...:** 7341105
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	10	ug/kg	SW846 8260A
Bromomethane	ND	10	ug/kg	SW846 8260A
Vinyl chloride	ND	10	ug/kg	SW846 8260A
Chloroethane	ND	10	ug/kg	SW846 8260A
Methylene chloride	ND	5.0	ug/kg	SW846 8260A
Acetone	ND	20	ug/kg	SW846 8260A
Carbon disulfide	ND	5.0	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260A
Chloroform	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260A
2-Butanone	ND	20	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260A
Trichloroethene	ND	5.0	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260A
Benzene	ND	5.0	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260A
Bromoform	ND	5.0	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260A
2-Hexanone	ND	20	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260A
Toluene	ND	5.0	ug/kg	SW846 8260A
Chlorobenzene	ND	5.0	ug/kg	SW846 8260A
Ethylbenzene	ND	5.0	ug/kg	SW846 8260A
Styrene	ND	5.0	ug/kg	SW846 8260A
Xylenes (total)	ND	5.0	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.5	ug/kg	SW846 8260A
trans-1,2-Dichloroethylen	ND	2.5	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	111	(61 - 115)
Toluene-d8	96	(82 - 129)
Bromofluorobenzene	95	(64 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7K250157 **Work Order #...:** CEEWL101 **Matrix.....:** SOLID
MB Lot-Sample #: A7L080000-241

Prep Date.....: 12/05/97
Analysis Date..: 12/05/97 **Prep Batch #...:** 7342241
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	10	ug/kg	SW846 8260A
Bromomethane	ND	10	ug/kg	SW846 8260A
Vinyl chloride	ND	10	ug/kg	SW846 8260A
Chloroethane	ND	10	ug/kg	SW846 8260A
Methylene chloride	ND	5.0	ug/kg	SW846 8260A
Acetone	ND	20	ug/kg	SW846 8260A
Carbon disulfide	ND	5.0	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260A
Chloroform	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260A
2-Butanone	ND	20	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260A
Trichloroethene	ND	5.0	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260A
Benzene	ND	5.0	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260A
Bromoform	ND	5.0	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260A
2-Hexanone	ND	20	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260A
Toluene	ND	5.0	ug/kg	SW846 8260A
Chlorobenzene	ND	5.0	ug/kg	SW846 8260A
Ethylbenzene	ND	5.0	ug/kg	SW846 8260A
Styrene	ND	5.0	ug/kg	SW846 8260A
Xylenes (total)	ND	5.0	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.5	ug/kg	SW846 8260A
trans-1,2-Dichloroethylen	ND	2.5	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	108	(61 - 115)
Toluene-d8	96	(82 - 129)
Bromofluorobenzene	95	(64 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7K250157 **Work Order #...:** CEFRR101 **Matrix.....:** SOLID
MB Lot-Sample #: A7L100000-207

Prep Date.....: 12/07/97
Analysis Date..: 12/07/97 **Prep Batch #...:** 7344207
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	10	ug/L	SW846 8260A
Bromomethane	ND	10	ug/L	SW846 8260A
Vinyl chloride	ND	10	ug/L	SW846 8260A
Chloroethane	ND	10	ug/L	SW846 8260A
Methylene chloride	ND	5.0	ug/L	SW846 8260A
Acetone	ND	20	ug/L	SW846 8260A
Carbon disulfide	ND	5.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260A
Chloroform	ND	5.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260A
2-Butanone	ND	20	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260A
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260A
Bromodichloromethane	ND	5.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A
Trichloroethene	ND	5.0	ug/L	SW846 8260A
Dibromochloromethane	ND	5.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260A
Benzene	ND	5.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A
Bromoform	ND	5.0	ug/L	SW846 8260A
4-Methyl-2-pentanone	ND	20	ug/L	SW846 8260A
2-Hexanone	ND	20	ug/L	SW846 8260A
Tetrachloroethene	ND	5.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260A
Toluene	ND	5.0	ug/L	SW846 8260A
Chlorobenzene	ND	5.0	ug/L	SW846 8260A
Ethylbenzene	ND	5.0	ug/L	SW846 8260A
Styrene	ND	5.0	ug/L	SW846 8260A
Xylenes (total)	ND	5.0	ug/L	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.5	ug/L	SW846 8260A
trans-1,2-Dichloroethylen	ND	2.5	ug/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(61 - 115)
Toluene-d8	96	(82 - 129)
Bromofluorobenzene	95	(64 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

RC 3-16-98
DVS
3/18/98

COMPUCHEM ENVIRONMENTAL

Client Sample ID: MW7S 20-22'

GC/MS Volatiles

Lot-Sample #...: A7K140171-001 **Work Order #...:** CE2A4102 **Matrix.....:** SOLID
Date Sampled...: 11/11/97 10:45 **Date Received..:** 11/14/97
Prep Date.....: 11/24/97 **Analysis Date..:** 11/24/97
Prep Batch #...: 7330207
Dilution Factor: 1
% Moisture.....: 6.0

RFA-97-228

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	11	ug/kg	SW846 8260A
Bromomethane	ND	11	ug/kg	SW846 8260A
Vinyl chloride	ND	11	ug/kg	SW846 8260A
Chloroethane	ND	11	ug/kg	SW846 8260A
Methylene chloride	ND	5.3	ug/kg	SW846 8260A
Acetone	ND	21	ug/kg	SW846 8260A
Carbon disulfide	ND	5.3	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.3	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.3	ug/kg	SW846 8260A
Chloroform	ND	5.3	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.3	ug/kg	SW846 8260A
2-Butanone	ND	21	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.3	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.3	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.3	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.3	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.3	ug/kg	SW846 8260A
Trichloroethene	ND	5.3	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.3	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.3	ug/kg	SW846 8260A
Benzene	ND	5.3	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.3	ug/kg	SW846 8260A
Bromoform	ND	5.3	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	21	ug/kg	SW846 8260A
2-Hexanone	ND	21	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.3	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.3	ug/kg	SW846 8260A
Toluene	ND	5.3	ug/kg	SW846 8260A
Chlorobenzene	ND	5.3	ug/kg	SW846 8260A
Ethylbenzene	ND	5.3	ug/kg	SW846 8260A
Styrene	ND	5.3	ug/kg	SW846 8260A
Xylenes (total)	ND	5.3	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.7	ug/kg	SW846 8260A
trans-1,2-Dichloroethylene	ND	2.7	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	109	(61 - 115)
Toluene-d8	96	(82 - 129)
Bromofluorobenzene	92	(64 - 112)

(Continued on next page)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: MW7S 20-22'

GC/MS Volatiles

Lot-Sample #...: A7K140171-001 Work Order #...: CE2A4102 Matrix.....: SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: MW7S 30-32'

GC/MS Volatiles

Lot-Sample #...: A7K140171-002 **Work Order #...:** CE2A6102 **Matrix.....:** SOLID
Date Sampled...: 11/11/97 12:00 **Date Received..:** 11/14/97
Prep Date.....: 11/24/97 **Analysis Date..:** 11/24/97
Prep Batch #...: 7330207
Dilution Factor: 5
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	57	ug/kg	SW846 8260A
Bromomethane	ND	57	ug/kg	SW846 8260A
Vinyl chloride	ND	57	ug/kg	SW846 8260A
Chloroethane	ND	57	ug/kg	SW846 8260A
Methylene chloride	ND	28	ug/kg	SW846 8260A
Acetone	ND	110	ug/kg	SW846 8260A
Carbon disulfide	ND	28	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	28	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	28	ug/kg	SW846 8260A
Chloroform	ND	28	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	28	ug/kg	SW846 8260A
2-Butanone	ND	110	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	28	ug/kg	SW846 8260A
Carbon tetrachloride	ND	28	ug/kg	SW846 8260A
Bromodichloromethane	ND	28	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	28	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	28	ug/kg	SW846 8260A
Trichloroethene	**690**	**28**	**ug/kg**	**SW846 8260A**
Dibromochloromethane	ND	28	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	28	ug/kg	SW846 8260A
Benzene	ND	28	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	28	ug/kg	SW846 8260A
Bromoform	ND	28	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	110	ug/kg	SW846 8260A
2-Hexanone	ND	110	ug/kg	SW846 8260A
Tetrachloroethene	ND	28	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	28	ug/kg	SW846 8260A
Toluene	ND	28	ug/kg	SW846 8260A
Chlorobenzene	ND	28	ug/kg	SW846 8260A
Ethylbenzene	ND	28	ug/kg	SW846 8260A
Styrene	ND	28	ug/kg	SW846 8260A
Xylenes (total)	ND	28	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	14	ug/kg	SW846 8260A
trans-1,2-Dichloroethylene	ND	14	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	129 *	(61 - 115)
Toluene-d8	95	(82 - 129)
Bromofluorobenzene	82	(64 - 112)

(Continued on next page)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: MW7S 30-32'

GC/MS Volatiles

Lot-Sample #...: A7K140171-002 **Work Order #...:** CE2A6102 **Matrix.....:** SOLID

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Surrogates outside acceptance criteria due to demonstrated matrix effect.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ7I 55-57'

GC/MS Volatiles

Lot-Sample #...: A7K140171-003 **Work Order #...:** CE2A7102 **Matrix.....:** SOLID
Date Sampled...: 11/12/97 09:15 **Date Received..:** 11/14/97
Prep Date.....: 11/25/97 **Analysis Date..:** 11/25/97
Prep Batch #...: 7330194
Dilution Factor: 1
% Moisture.....: 7.8

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	11	ug/kg	SW846 8260A
Bromomethane	ND	11	ug/kg	SW846 8260A
Vinyl chloride	ND	11	ug/kg	SW846 8260A
Chloroethane	ND	11	ug/kg	SW846 8260A
Methylene chloride	ND	5.4	ug/kg	SW846 8260A
Acetone	ND	22	ug/kg	SW846 8260A
Carbon disulfide	ND	5.4	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.4	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.4	ug/kg	SW846 8260A
Chloroform	ND	5.4	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.4	ug/kg	SW846 8260A
2-Butanone	ND	22	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.4	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.4	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.4	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.4	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.4	ug/kg	SW846 8260A
Trichloroethene	ND	5.4	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.4	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.4	ug/kg	SW846 8260A
Benzene	ND	5.4	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.4	ug/kg	SW846 8260A
Bromoform	ND	5.4	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	22	ug/kg	SW846 8260A
2-Hexanone	ND	22	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.4	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.4	ug/kg	SW846 8260A
Toluene	ND	5.4	ug/kg	SW846 8260A
Chlorobenzene	ND	5.4	ug/kg	SW846 8260A
Ethylbenzene	ND	5.4	ug/kg	SW846 8260A
Styrene	ND	5.4	ug/kg	SW846 8260A
Xylenes (total)	ND	5.4	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.7	ug/kg	SW846 8260A
trans-1,2-Dichloroethylene	ND	2.7	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	110	(61 - 115)
Toluene-d8	94	(82 - 129)
Bromofluorobenzene	90	(64 - 112)

(Continued on next page)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ7I 55-57'

GC/MS Volatiles

Lot-Sample #...: A7K140171-003 Work Order #...: CE2A7102 Matrix.....: SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: MW20S 20-22'

GC/MS Volatiles

Lot-Sample #...: A7K140171-004 **Work Order #...:** CE2A8102 **Matrix.....:** SOLID
Date Sampled...: 11/12/97 14:15 **Date Received..:** 11/14/97
Prep Date.....: 11/25/97 **Analysis Date..:** 11/25/97
Prep Batch #...: 7330194
Dilution Factor: 1
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	11	ug/kg	SW846 8260A
Bromomethane	ND	11	ug/kg	SW846 8260A
Vinyl chloride	ND	11	ug/kg	SW846 8260A
Chloroethane	ND	11	ug/kg	SW846 8260A
Methylene chloride	ND	5.6	ug/kg	SW846 8260A
Acetone	ND	23	ug/kg	SW846 8260A
Carbon disulfide	ND	5.6	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.6	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.6	ug/kg	SW846 8260A
Chloroform	ND	5.6	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.6	ug/kg	SW846 8260A
2-Butanone	ND	23	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.6	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.6	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.6	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.6	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.6	ug/kg	SW846 8260A
Trichloroethene	ND	5.6	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.6	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.6	ug/kg	SW846 8260A
Benzene	ND	5.6	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.6	ug/kg	SW846 8260A
Bromoform	ND	5.6	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	23	ug/kg	SW846 8260A
2-Hexanone	ND	23	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.6	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.6	ug/kg	SW846 8260A
Toluene	ND	5.6	ug/kg	SW846 8260A
Chlorobenzene	ND	5.6	ug/kg	SW846 8260A
Ethylbenzene	ND	5.6	ug/kg	SW846 8260A
Styrene	ND	5.6	ug/kg	SW846 8260A
Xylenes (total)	ND	5.6	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.8	ug/kg	SW846 8260A
trans-1,2-Dichloroethylene	ND	2.8	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	110	(61 - 115)
Toluene-d8	97	(82 - 129)
Bromofluorobenzene	95	(64 - 112)

(Continued on next page)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: MW20S 20-22'

GC/MS Volatiles

Lot-Sample #...: A7K140171-004 Work Order #...: CE2A8102 Matrix.....: SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ20D 60-62'

GC/MS Volatiles

Lot-Sample #...: A7K140171-005 **Work Order #...:** CE2AC102 **Matrix.....:** SOLID
Date Sampled...: 11/13/97 11:50 **Date Received..:** 11/14/97
Prep Date.....: 11/26/97 **Analysis Date..:** 11/26/97
Prep Batch #...: 7330256
Dilution Factor: 1
% Moisture.....: 6.1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	11	ug/kg	SW846 8260A
Bromomethane	ND	11	ug/kg	SW846 8260A
Vinyl chloride	ND	11	ug/kg	SW846 8260A
Chloroethane	ND	11	ug/kg	SW846 8260A
Methylene chloride	ND	5.3	ug/kg	SW846 8260A
Acetone	ND	21	ug/kg	SW846 8260A
Carbon disulfide	ND	5.3	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.3	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.3	ug/kg	SW846 8260A
Chloroform	ND	5.3	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.3	ug/kg	SW846 8260A
2-Butanone	ND	21	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.3	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.3	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.3	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.3	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.3	ug/kg	SW846 8260A
Trichloroethene	**50**	**5.3**	**ug/kg**	**SW846 8260A**
Dibromochloromethane	ND	5.3	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.3	ug/kg	SW846 8260A
Benzene	ND	5.3	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.3	ug/kg	SW846 8260A
Bromoform	ND	5.3	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	21	ug/kg	SW846 8260A
2-Hexanone	ND	21	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.3	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.3	ug/kg	SW846 8260A
Toluene	ND	5.3	ug/kg	SW846 8260A
Chlorobenzene	ND	5.3	ug/kg	SW846 8260A
Ethylbenzene	ND	5.3	ug/kg	SW846 8260A
Styrene	ND	5.3	ug/kg	SW846 8260A
Xylenes (total)	ND	5.3	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.7	ug/kg	SW846 8260A
trans-1,2-Dichloroethylene	ND	2.7	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	110	(61 - 115)
Toluene-d8	94	(82 - 129)
Bromofluorobenzene	89	(64 - 112)

(Continued on next page)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ20D 60-62'

GC/MS Volatiles

Lot-Sample #...: A7K140171-005 **Work Order #...:** CE2AC102 **Matrix.....:** SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ20D 86-87'

GC/MS Volatiles

Lot-Sample #...: A7K140171-006 **Work Order #...:** CE2AG102 **Matrix.....:** SOLID
Date Sampled...: 11/13/97 14:40 **Date Received..:** 11/14/97
Prep Date.....: 11/26/97 **Analysis Date..:** 11/26/97
Prep Batch #...: 7330256
Dilution Factor: 1
% Moisture.....: 7.4

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	11	ug/kg	SW846 8260A
Bromomethane	ND	11	ug/kg	SW846 8260A
Vinyl chloride	ND	11	ug/kg	SW846 8260A
Chloroethane	ND	11	ug/kg	SW846 8260A
Methylene chloride	ND	5.4	ug/kg	SW846 8260A
Acetone	ND	22	ug/kg	SW846 8260A
Carbon disulfide	ND	5.4	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.4	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.4	ug/kg	SW846 8260A
Chloroform	ND	5.4	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.4	ug/kg	SW846 8260A
2-Butanone	ND	22	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.4	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.4	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.4	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.4	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.4	ug/kg	SW846 8260A
Trichloroethene	ND	5.4	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.4	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.4	ug/kg	SW846 8260A
Benzene	ND	5.4	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.4	ug/kg	SW846 8260A
Bromoform	ND	5.4	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	22	ug/kg	SW846 8260A
2-Hexanone	ND	22	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.4	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.4	ug/kg	SW846 8260A
Toluene	ND	5.4	ug/kg	SW846 8260A
Chlorobenzene	ND	5.4	ug/kg	SW846 8260A
Ethylbenzene	ND	5.4	ug/kg	SW846 8260A
Styrene	ND	5.4	ug/kg	SW846 8260A
Xylenes (total)	ND	5.4	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.7	ug/kg	SW846 8260A
trans-1,2-Dichloroethylene	ND	2.7	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	115	(61 - 115)
Toluene-d8	90	(82 - 129)
Bromofluorobenzene	81	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ20D 86-87'

GC/MS Volatiles

Lot-Sample #...: A7K140171-006 Work Order #...: CE2AG102 Matrix.....: SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ19I 20-22'

GC/MS Volatiles

Lot-Sample #...: A7K140171-007 **Work Order #...:** CE2AJ102 **Matrix.....:** SOLID
Date Sampled...: 11/12/97 08:30 **Date Received..:** 11/14/97
Prep Date.....: 11/26/97 **Analysis Date..:** 11/26/97
Prep Batch #...: 7335219
Dilution Factor: 1
% Moisture.....: 9.1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	11	ug/kg	SW846 8260A
Bromomethane	ND	11	ug/kg	SW846 8260A
Vinyl chloride	ND	11	ug/kg	SW846 8260A
Chloroethane	ND	11	ug/kg	SW846 8260A
Methylene chloride	ND	5.5	ug/kg	SW846 8260A
Acetone	ND	22	ug/kg	SW846 8260A
Carbon disulfide	ND	5.5	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.5	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.5	ug/kg	SW846 8260A
Chloroform	ND	5.5	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.5	ug/kg	SW846 8260A
2-Butanone	ND	22	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.5	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.5	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.5	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.5	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.5	ug/kg	SW846 8260A
Trichloroethene	ND	5.5	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.5	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.5	ug/kg	SW846 8260A
Benzene	ND	5.5	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.5	ug/kg	SW846 8260A
Bromoform	ND	5.5	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	22	ug/kg	SW846 8260A
2-Hexanone	ND	22	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.5	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.5	ug/kg	SW846 8260A
Toluene	ND	5.5	ug/kg	SW846 8260A
Chlorobenzene	ND	5.5	ug/kg	SW846 8260A
Ethylbenzene	ND	5.5	ug/kg	SW846 8260A
Styrene	ND	5.5	ug/kg	SW846 8260A
Xylenes (total)	ND	5.5	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.8	ug/kg	SW846 8260A
trans-1,2-Dichloroethylene	ND	2.8	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	108	(61 - 115)
Toluene-d8	98	(82 - 129)
Bromofluorobenzene	89	(64 - 112)

(Continued on next page)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ19I 20-22'

GC/MS Volatiles

Lot-Sample #...: A7K140171-007 **Work Order #...:** CE2AJ102 **Matrix.....:** SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: MW20S-E

GC/MS Volatiles

Lot-Sample #...: A7K140171-008 **Work Order #...:** CE2AK101 **Matrix.....:** WATER
Date Sampled...: 11/12/97 15:35 **Date Received..:** 11/14/97
Prep Date.....: 11/20/97 **Analysis Date..:** 11/20/97
Prep Batch #...: 7328174
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	2.0	ug/L	SW846 8260A
Bromomethane	ND	2.0	ug/L	SW846 8260A
Vinyl chloride	ND	1.0	ug/L	SW846 8260A
Chloroethane	ND	2.0	ug/L	SW846 8260A
Methylene chloride	ND	1.0	ug/L	SW846 8260A
Acetone	ND	10	ug/L	SW846 8260A
Carbon disulfide	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A
Chloroform	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A
2-Butanone	ND	10	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Trichloroethene	ND	1.0	ug/L	SW846 8260A
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Benzene	ND	1.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Bromoform	ND	1.0	ug/L	SW846 8260A
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A
2-Hexanone	ND	10	ug/L	SW846 8260A
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A
Toluene	ND	1.0	ug/L	SW846 8260A
Chlorobenzene	ND	1.0	ug/L	SW846 8260A
Ethylbenzene	ND	1.0	ug/L	SW846 8260A
Styrene	ND	1.0	ug/L	SW846 8260A
Xylenes (total)	ND	1.0	ug/L	SW846 8260A
cis-1,2-Dichloroethylene	ND	0.50	ug/L	SW846 8260A
trans-1,2-Dichloroethylene	ND	0.50	ug/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	91	(69 - 127)
Toluene-d8	94	(90 - 112)
Bromofluorobenzene	103	(87 - 114)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-21 40-42'

GC/MS Volatiles

Lot-Sample #...: A7K140171-009 **Work Order #...:** CE2AM101 **Matrix.....:** WATER
Date Sampled...: 11/13/97 14:47 **Date Received..:** 11/14/97
Prep Date.....: 11/20/97 **Analysis Date..:** 11/20/97
Prep Batch #...: 7328174
Dilution Factor: 1

hydropunch sample

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	2.0	ug/L	SW846 8260A
Bromomethane	ND	2.0	ug/L	SW846 8260A
Vinyl chloride	ND	1.0	ug/L	SW846 8260A
Chloroethane	ND	2.0	ug/L	SW846 8260A
Methylene chloride	ND	1.0	ug/L	SW846 8260A
Acetone	ND	10	ug/L	SW846 8260A
Carbon disulfide	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A
Chloroform	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A
2-Butanone	ND	10	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Trichloroethene	**8.8**	**1.0**	**ug/L**	**SW846 8260A**
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Benzene	**1.1**	**1.0**	**ug/L**	**SW846 8260A**
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Bromoform	ND	1.0	ug/L	SW846 8260A
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A
2-Hexanone	ND	10	ug/L	SW846 8260A
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A
Toluene	**2.1**	**1.0**	**ug/L**	**SW846 8260A**
Chlorobenzene	ND	1.0	ug/L	SW846 8260A
Ethylbenzene	ND	1.0	ug/L	SW846 8260A
Styrene	ND	1.0	ug/L	SW846 8260A
Xylenes (total)	ND	1.0	ug/L	SW846 8260A
cis-1,2-Dichloroethylene	ND	0.50	ug/L	SW846 8260A
trans-1,2-Dichloroethylene	ND	0.50	ug/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(69 - 127)
Toluene-d8	98	(90 - 112)
Bromofluorobenzene	104	(87 - 114)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7K140171 **Work Order #...:** CEAAK101 **Matrix.....:** SOLID
MB Lot-Sample #: A7L010000-219

Prep Date.....: 11/26/97
Analysis Date..: 11/26/97 **Prep Batch #...:** 7335219
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	10	ug/kg	SW846 8260A
Bromomethane	ND	10	ug/kg	SW846 8260A
Vinyl chloride	ND	10	ug/kg	SW846 8260A
Chloroethane	ND	10	ug/kg	SW846 8260A
Methylene chloride	ND	5.0	ug/kg	SW846 8260A
Acetone	ND	20	ug/kg	SW846 8260A
Carbon disulfide	ND	5.0	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260A
Chloroform	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260A
2-Butanone	ND	20	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260A
Trichloroethene	ND	5.0	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260A
Benzene	ND	5.0	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260A
Bromoform	ND	5.0	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260A
2-Hexanone	ND	20	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260A
Toluene	ND	5.0	ug/kg	SW846 8260A
Chlorobenzene	ND	5.0	ug/kg	SW846 8260A
Ethylbenzene	ND	5.0	ug/kg	SW846 8260A
Styrene	ND	5.0	ug/kg	SW846 8260A
Xylenes (total)	ND	5.0	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.5	ug/kg	SW846 8260A
trans-1,2-Dichloroethylen	ND	2.5	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(61 - 115)
Toluene-d8	97	(82 - 129)
Bromofluorobenzene	90	(64 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7K140171 **Work Order #...:** CE7F7101 **Matrix.....:** WATER
MB Lot-Sample #: A7K240000-174

Prep Date.....: 11/20/97
Analysis Date..: 11/20/97 **Prep Batch #...:** 7328174
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	2.0	ug/L	SW846 8260A
Bromomethane	ND	2.0	ug/L	SW846 8260A
Vinyl chloride	ND	1.0	ug/L	SW846 8260A
Chloroethane	ND	2.0	ug/L	SW846 8260A
Methylene chloride	ND	1.0	ug/L	SW846 8260A
Acetone	ND	10	ug/L	SW846 8260A
Carbon disulfide	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A
Chloroform	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A
2-Butanone	ND	10	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Trichloroethene	ND	1.0	ug/L	SW846 8260A
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Benzene	ND	1.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Bromoform	ND	1.0	ug/L	SW846 8260A
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A
2-Hexanone	ND	10	ug/L	SW846 8260A
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A
Toluene	ND	1.0	ug/L	SW846 8260A
Chlorobenzene	ND	1.0	ug/L	SW846 8260A
Ethylbenzene	ND	1.0	ug/L	SW846 8260A
Styrene	ND	1.0	ug/L	SW846 8260A
Xylenes (total)	ND	1.0	ug/L	SW846 8260A
cis-1,2-Dichloroethylene	ND	0.50	ug/L	SW846 8260A
trans-1,2-Dichloroethylen	ND	0.50	ug/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(69 - 127)
Toluene-d8	99	(90 - 112)
Bromofluorobenzene	102	(87 - 114)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7K140171 **Work Order #...:** CE9KG101 **Matrix.....:** SOLID
MB Lot-Sample #: A7K260000-256

Prep Date.....: 11/26/97
Analysis Date..: 11/26/97 **Prep Batch #...:** 7330256
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	10	ug/kg	SW846 8260A
Bromomethane	ND	10	ug/kg	SW846 8260A
Vinyl chloride	ND	10	ug/kg	SW846 8260A
Chloroethane	ND	10	ug/kg	SW846 8260A
Methylene chloride	ND	5.0	ug/kg	SW846 8260A
Acetone	ND	20	ug/kg	SW846 8260A
Carbon disulfide	ND	5.0	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260A
Chloroform	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260A
2-Butanone	ND	20	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260A
Trichloroethene	ND	5.0	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260A
Benzene	ND	5.0	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260A
Bromoform	ND	5.0	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260A
2-Hexanone	ND	20	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260A
Toluene	ND	5.0	ug/kg	SW846 8260A
Chlorobenzene	ND	5.0	ug/kg	SW846 8260A
Ethylbenzene	ND	5.0	ug/kg	SW846 8260A
Styrene	ND	5.0	ug/kg	SW846 8260A
Xylenes (total)	ND	5.0	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.5	ug/kg	SW846 8260A
trans-1,2-Dichloroethylen	ND	2.5	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(61 - 115)
Toluene-d8	97	(82 - 129)
Bromofluorobenzene	96	(64 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7K140171 **Work Order #...:** CE913101 **Matrix.....:** SOLID
MB Lot-Sample #: A7K260000-194

Prep Date.....: 11/25/97
Analysis Date..: 11/25/97 **Prep Batch #...:** 7330194
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	10	ug/kg	SW846 8260A
Bromomethane	ND	10	ug/kg	SW846 8260A
Vinyl chloride	ND	10	ug/kg	SW846 8260A
Chloroethane	ND	10	ug/kg	SW846 8260A
Methylene chloride	ND	5.0	ug/kg	SW846 8260A
Acetone	ND	20	ug/kg	SW846 8260A
Carbon disulfide	ND	5.0	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260A
Chloroform	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260A
2-Butanone	ND	20	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260A
Trichloroethene	ND	5.0	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260A
Benzene	ND	5.0	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260A
Bromoform	ND	5.0	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260A
2-Hexanone	ND	20	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260A
Toluene	ND	5.0	ug/kg	SW846 8260A
Chlorobenzene	ND	5.0	ug/kg	SW846 8260A
Ethylbenzene	ND	5.0	ug/kg	SW846 8260A
Styrene	ND	5.0	ug/kg	SW846 8260A
Xylenes (total)	ND	5.0	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.5	ug/kg	SW846 8260A
trans-1,2-Dichloroethylen	ND	2.5	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(61 - 115)
Toluene-d8	98	(82 - 129)
Bromofluorobenzene	99	(64 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7K140171 **Work Order #...:** CE944101 **Matrix.....:** SOLID
MB Lot-Sample #: A7K260000-207

Prep Date.....: 11/24/97
Analysis Date..: 11/24/97 **Prep Batch #...:** 7330207
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	10	ug/kg	SW846 8260A
Bromomethane	ND	10	ug/kg	SW846 8260A
Vinyl chloride	ND	10	ug/kg	SW846 8260A
Chloroethane	ND	10	ug/kg	SW846 8260A
Methylene chloride	ND	5.0	ug/kg	SW846 8260A
Acetone	ND	20	ug/kg	SW846 8260A
Carbon disulfide	ND	5.0	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260A
Chloroform	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260A
2-Butanone	ND	20	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260A
Trichloroethene	ND	5.0	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260A
Benzene	ND	5.0	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260A
Bromoform	ND	5.0	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260A
2-Hexanone	ND	20	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260A
Toluene	ND	5.0	ug/kg	SW846 8260A
Chlorobenzene	ND	5.0	ug/kg	SW846 8260A
Ethylbenzene	ND	5.0	ug/kg	SW846 8260A
Styrene	ND	5.0	ug/kg	SW846 8260A
Xylenes (total)	ND	5.0	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.5	ug/kg	SW846 8260A
trans-1,2-Dichloroethylen	ND	2.5	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(61 - 115)
Toluene-d8	94	(82 - 129)
Bromofluorobenzene	89	(64 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results

COMPUCHEM ENVIRONMENTAL

ENTERED BY RC 3-16-98
CHECKED BY DVS
DATE 3/18/98

Client Sample ID: SP-0001

GC/MS Volatiles

Lot-Sample #...: A7K210187-001 **Work Order #...:** CE687102 **Matrix.....:** SOLID
Date Sampled...: 11/19/97 09:25 **Date Received..:** 11/21/97
Prep Date.....: 12/03/97 **Analysis Date..:** 12/03/97
Prep Batch #...: 7339168
Dilution Factor: 1
% Moisture.....: 12

RFA 97-228

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	11	ug/kg	SW846 8260A
Bromomethane	ND	11	ug/kg	SW846 8260A
Vinyl chloride	ND	11	ug/kg	SW846 8260A
Chloroethane	ND	11	ug/kg	SW846 8260A
Methylene chloride	ND	5.7	ug/kg	SW846 8260A
Acetone	ND	23	ug/kg	SW846 8260A
Carbon disulfide	ND	5.7	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.7	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.7	ug/kg	SW846 8260A
Chloroform	ND	5.7	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.7	ug/kg	SW846 8260A
2-Butanone	ND	23	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.7	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.7	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.7	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.7	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.7	ug/kg	SW846 8260A
Trichloroethene	ND	5.7	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.7	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.7	ug/kg	SW846 8260A
Benzene	ND	5.7	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.7	ug/kg	SW846 8260A
Bromoform	ND	5.7	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	23	ug/kg	SW846 8260A
2-Hexanone	ND	23	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.7	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg	SW846 8260A
Toluene	ND	5.7	ug/kg	SW846 8260A
Chlorobenzene	ND	5.7	ug/kg	SW846 8260A
Ethylbenzene	ND	5.7	ug/kg	SW846 8260A
Styrene	ND	5.7	ug/kg	SW846 8260A
Xylenes (total)	ND	5.7	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.9	ug/kg	SW846 8260A
trans-1,2-Dichloroethylene	ND	2.9	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	119 *	(61 - 115)
Toluene-d8	95	(82 - 129)
Bromofluorobenzene	89	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: SP-0001

GC/MS Volatiles

Lot-Sample #...: A7K210187-001 **Work Order #...:** CE687102 **Matrix.....:** SOLID

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Surrogates outside acceptance criteria due to demonstrated matrix effect.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: SP-0002

GC/MS Volatiles

Lot-Sample #...: A7K210187-002 **Work Order #...:** CE688102 **Matrix.....:** SOLID
Date Sampled...: 11/19/97 09:30 **Date Received..:** 11/21/97
Prep Date.....: 12/03/97 **Analysis Date..:** 12/03/97
Prep Batch #...: 7339168
Dilution Factor: 1
% Moisture.....: 20

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	12	ug/kg	SW846 8260A
Bromomethane	ND	12	ug/kg	SW846 8260A
Vinyl chloride	ND	12	ug/kg	SW846 8260A
Chloroethane	ND	12	ug/kg	SW846 8260A
Methylene chloride	ND	6.2	ug/kg	SW846 8260A
Acetone	ND	25	ug/kg	SW846 8260A
Carbon disulfide	ND	6.2	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	6.2	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	6.2	ug/kg	SW846 8260A
Chloroform	ND	6.2	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	6.2	ug/kg	SW846 8260A
2-Butanone	ND	25	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	6.2	ug/kg	SW846 8260A
Carbon tetrachloride	ND	6.2	ug/kg	SW846 8260A
Bromodichloromethane	ND	6.2	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	6.2	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	6.2	ug/kg	SW846 8260A
Trichloroethene	ND	6.2	ug/kg	SW846 8260A
Dibromochloromethane	ND	6.2	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	6.2	ug/kg	SW846 8260A
Benzene	ND	6.2	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	6.2	ug/kg	SW846 8260A
Bromoform	ND	6.2	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260A
2-Hexanone	ND	25	ug/kg	SW846 8260A
Tetrachloroethene	ND	6.2	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	6.2	ug/kg	SW846 8260A
Toluene	ND	6.2	ug/kg	SW846 8260A
Chlorobenzene	ND	6.2	ug/kg	SW846 8260A
Ethylbenzene	ND	6.2	ug/kg	SW846 8260A
Styrene	ND	6.2	ug/kg	SW846 8260A
Xylenes (total)	ND	6.2	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	3.1	ug/kg	SW846 8260A
trans-1,2-Dichloroethylene	ND	3.1	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	119 *	(61 - 115)
Toluene-d8	92	(82 - 129)
Bromofluorobenzene	81	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: SP-0002

GC/MS Volatiles

Lot-Sample #...: A7K210187-002 **Work Order #...:** CE688102 **Matrix.....:** SOLID

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Surrogates outside acceptance criteria due to demonstrated matrix effect

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-09D 25-27

GC/MS Volatiles

Lot-Sample #...: A7K210187-003 **Work Order #...:** CE689102 **Matrix.....:** SOLID
Date Sampled...: 11/19/97 10:44 **Date Received..:** 11/21/97
Prep Date.....: 12/01/97 **Analysis Date..:** 12/02/97
Prep Batch #...: 7335266
Dilution Factor: 1
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	1500	ug/kg	SW846 8260A
Bromomethane	ND	1500	ug/kg	SW846 8260A
Vinyl chloride	ND	1500	ug/kg	SW846 8260A
Chloroethane	ND	1500	ug/kg	SW846 8260A
Methylene chloride	ND	750	ug/kg	SW846 8260A
Acetone	ND	3000	ug/kg	SW846 8260A
Carbon disulfide	ND	750	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	750	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	750	ug/kg	SW846 8260A
Chloroform	ND	750	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	750	ug/kg	SW846 8260A
2-Butanone	ND	3000	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	750	ug/kg	SW846 8260A
Carbon tetrachloride	ND	750	ug/kg	SW846 8260A
Bromodichloromethane	ND	750	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	750	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	750	ug/kg	SW846 8260A
Trichloroethene	**4200**	**750**	**ug/kg**	**SW846 8260A**
Dibromochloromethane	ND	750	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	750	ug/kg	SW846 8260A
Benzene	ND	750	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	750	ug/kg	SW846 8260A
Bromoform	ND	750	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	3000	ug/kg	SW846 8260A
2-Hexanone	ND	3000	ug/kg	SW846 8260A
Tetrachloroethene	ND	750	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	750	ug/kg	SW846 8260A
Toluene	ND	750	ug/kg	SW846 8260A
Chlorobenzene	ND	750	ug/kg	SW846 8260A
Ethylbenzene	ND	750	ug/kg	SW846 8260A
Styrene	ND	750	ug/kg	SW846 8260A
Xylenes (total)	ND	750	ug/kg	SW846 8260A
trans-1,2-Dichloroethene	ND	370	ug/kg	SW846 8260A
cis-1,2-Dichloroethene	**1200**	**370**	**ug/kg**	**SW846 8260A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(61 - 115)
Toluene-d8	93	(82 - 129)
Bromofluorobenzene	90	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-09D 25-27

GC/MS Volatiles

Lot-Sample #...: A7K210187-003 **Work Order #...:** CE689102 **Matrix.....:** SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-09D 25-27 DUP

GC/MS Volatiles

Lot-Sample #...: A7K210187-004 **Work Order #...:** CE68A102 **Matrix.....:** SOLID
Date Sampled...: 11/19/97 10:44 **Date Received..:** 11/21/97
Prep Date.....: 12/01/97 **Analysis Date..:** 12/02/97
Prep Batch #...: 7335266
Dilution Factor: 1
% Moisture.....: 20

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	1600	ug/kg	SW846 8260A
Bromomethane	ND	1600	ug/kg	SW846 8260A
Vinyl chloride	ND	1600	ug/kg	SW846 8260A
Chloroethane	ND	1600	ug/kg	SW846 8260A
Methylene chloride	ND	780	ug/kg	SW846 8260A
Acetone	ND	3100	ug/kg	SW846 8260A
Carbon disulfide	ND	780	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	780	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	780	ug/kg	SW846 8260A
Chloroform	ND	780	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	780	ug/kg	SW846 8260A
2-Butanone	ND	3100	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	780	ug/kg	SW846 8260A
Carbon tetrachloride	ND	780	ug/kg	SW846 8260A
Bromodichloromethane	ND	780	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	780	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	780	ug/kg	SW846 8260A
Trichloroethene	**7300**	**780**	**ug/kg**	**SW846 8260A**
Dibromochloromethane	ND	780	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	780	ug/kg	SW846 8260A
Benzene	ND	780	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	780	ug/kg	SW846 8260A
Bromoform	ND	780	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	3100	ug/kg	SW846 8260A
2-Hexanone	ND	3100	ug/kg	SW846 8260A
Tetrachloroethene	ND	780	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	780	ug/kg	SW846 8260A
Toluene	ND	780	ug/kg	SW846 8260A
Chlorobenzene	ND	780	ug/kg	SW846 8260A
Ethylbenzene	ND	780	ug/kg	SW846 8260A
Styrene	ND	780	ug/kg	SW846 8260A
Xylenes (total)	ND	780	ug/kg	SW846 8260A
trans-1,2-Dichloroethene	ND	390	ug/kg	SW846 8260A
cis-1,2-Dichloroethene	**1700**	**390**	**ug/kg**	**SW846 8260A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	94	(61 - 115)
Toluene-d8	90	(82 - 129)
Bromofluorobenzene	91	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-09D 25-27 DUP

GC/MS Volatiles

Lot-Sample #...: A7K210187-004 **Work Order #...:** CE68A102 **Matrix.....:** SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-09D 45-47

GC/MS Volatiles

Lot-Sample #...: A7K210187-005 **Work Order #...:** CE68C102 **Matrix.....:** SOLID
Date Sampled...: 11/19/97 12:23 **Date Received..:** 11/21/97
Prep Date.....: 12/01/97 **Analysis Date..:** 12/02/97
Prep Batch #...: 7335266
Dilution Factor: 1
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	1400	ug/kg	SW846 8260A
Bromomethane	ND	1400	ug/kg	SW846 8260A
Vinyl chloride	ND	1400	ug/kg	SW846 8260A
Chloroethane	ND	1400	ug/kg	SW846 8260A
Methylene chloride	ND	700	ug/kg	SW846 8260A
Acetone	ND	2800	ug/kg	SW846 8260A
Carbon disulfide	ND	700	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	700	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	700	ug/kg	SW846 8260A
Chloroform	ND	700	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	700	ug/kg	SW846 8260A
2-Butanone	ND	2800	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	700	ug/kg	SW846 8260A
Carbon tetrachloride	ND	700	ug/kg	SW846 8260A
Bromodichloromethane	ND	700	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	700	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	700	ug/kg	SW846 8260A
Trichloroethene	**12000**	**700**	**ug/kg**	**SW846 8260A**
Dibromochloromethane	ND	700	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	700	ug/kg	SW846 8260A
Benzene	ND	700	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	700	ug/kg	SW846 8260A
Bromoform	ND	700	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	2800	ug/kg	SW846 8260A
2-Hexanone	ND	2800	ug/kg	SW846 8260A
Tetrachloroethene	ND	700	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	700	ug/kg	SW846 8260A
Toluene	ND	700	ug/kg	SW846 8260A
Chlorobenzene	ND	700	ug/kg	SW846 8260A
Ethylbenzene	ND	700	ug/kg	SW846 8260A
Styrene	ND	700	ug/kg	SW846 8260A
Xylenes (total)	ND	700	ug/kg	SW846 8260A
trans-1,2-Dichloroethene	ND	350	ug/kg	SW846 8260A
cis-1,2-Dichloroethene	**440**	**350**	**ug/kg**	**SW846 8260A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(61 - 115)
Toluene-d8	92	(82 - 129)
Bromofluorobenzene	93	(64 - 112)

(Continued on next page)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-09D 45-47

GC/MS Volatiles

Lot-Sample #...: A7K210187-005 **Work Order #...:** CE68C102 **Matrix.....:** SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-14I 20-22

GC/MS Volatiles

Lot-Sample #...: A7K210187-006 **Work Order #...:** CE68F102 **Matrix.....:** SOLID
Date Sampled...: 11/20/97 07:55 **Date Received..:** 11/21/97
Prep Date.....: 12/04/97 **Analysis Date..:** 12/04/97
Prep Batch #...: 7339197
Dilution Factor: 1
% Moisture.....: 4.0

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	10	ug/kg	SW846 8260A
Bromomethane	ND	10	ug/kg	SW846 8260A
Vinyl chloride	ND	10	ug/kg	SW846 8260A
Chloroethane	ND	10	ug/kg	SW846 8260A
Methylene chloride	ND	5.2	ug/kg	SW846 8260A
Acetone	ND	21	ug/kg	SW846 8260A
Carbon disulfide	ND	5.2	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.2	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.2	ug/kg	SW846 8260A
Chloroform	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.2	ug/kg	SW846 8260A
2-Butanone	ND	21	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.2	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.2	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.2	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A
Trichloroethene	ND	5.2	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.2	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.2	ug/kg	SW846 8260A
Benzene	ND	5.2	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A
Bromoform	ND	5.2	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	21	ug/kg	SW846 8260A
2-Hexanone	ND	21	ug/kg	SW846 8260A
Tetrachloroethene	**27**	**5.2**	**ug/kg**	**SW846 8260A**
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg	SW846 8260A
Toluene	ND	5.2	ug/kg	SW846 8260A
Chlorobenzene	ND	5.2	ug/kg	SW846 8260A
Ethylbenzene	ND	5.2	ug/kg	SW846 8260A
Styrene	ND	5.2	ug/kg	SW846 8260A
Xylenes (total)	ND	5.2	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.6	ug/kg	SW846 8260A
trans-1,2-Dichloroethylene	ND	2.6	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	115	(61 - 115)
Toluene-d8	94	(82 - 129)
Bromofluorobenzene	93	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-14I 20-22

GC/MS Volatiles

Lot-Sample #...: A7K210187-006 **Work Order #...:** CE68F102 **Matrix.....:** SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ14I-E

GC/MS Volatiles

Lot-Sample #...: A7K210187-007 **Work Order #...:** CE68H101 **Matrix.....:** WATER
Date Sampled...: 11/20/97 08:00 **Date Received..:** 11/21/97
Prep Date.....: 11/29/97 **Analysis Date..:** 11/29/97
Prep Batch #...: 7334116
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	2.0	ug/L	SW846 8260A
Bromomethane	ND	2.0	ug/L	SW846 8260A
Vinyl chloride	ND	1.0	ug/L	SW846 8260A
Chloroethane	ND	2.0	ug/L	SW846 8260A
Methylene chloride	ND	1.0	ug/L	SW846 8260A
Acetone	ND	10	ug/L	SW846 8260A
Carbon disulfide	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A
Chloroform	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A
2-Butanone	ND	10	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Trichloroethene	ND	1.0	ug/L	SW846 8260A
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Benzene	ND	1.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Bromoform	ND	1.0	ug/L	SW846 8260A
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A
2-Hexanone	ND	10	ug/L	SW846 8260A
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A
Toluene	ND	1.0	ug/L	SW846 8260A
Chlorobenzene	ND	1.0	ug/L	SW846 8260A
Ethylbenzene	ND	1.0	ug/L	SW846 8260A
Styrene	ND	1.0	ug/L	SW846 8260A
Xylenes (total)	ND	1.0	ug/L	SW846 8260A
cis-1,2-Dichloroethylene	ND	0.50	ug/L	SW846 8260A
trans-1,2-Dichloroethylene	ND	0.50	ug/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	85	(69 - 127)
Toluene-d8	98	(90 - 112)
Bromofluorobenzene	100	(87 - 114)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-14I 30-32 (MS/MSD)

GC/MS Volatiles

Lot-Sample #...: A7K210187-008 **Work Order #...:** CE68K102 **Matrix.....:** SOLID
Date Sampled...: 11/20/97 08:15 **Date Received..:** 11/21/97
Prep Date.....: 12/01/97 **Analysis Date..:** 12/02/97
Prep Batch #...: 7335266
Dilution Factor: 1
% Moisture.....: 9.5

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	1400	ug/kg	SW846 8260A
Bromomethane	ND	1400	ug/kg	SW846 8260A
Vinyl chloride	ND	1400	ug/kg	SW846 8260A
Chloroethane	ND	1400	ug/kg	SW846 8260A
Methylene chloride	ND	690	ug/kg	SW846 8260A
Acetone	ND	2800	ug/kg	SW846 8260A
Carbon disulfide	ND	690	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	690	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	690	ug/kg	SW846 8260A
Chloroform	ND	690	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	690	ug/kg	SW846 8260A
2-Butanone	ND	2800	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	690	ug/kg	SW846 8260A
Carbon tetrachloride	ND	690	ug/kg	SW846 8260A
Bromodichloromethane	ND	690	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	690	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	690	ug/kg	SW846 8260A
Trichloroethene	ND	690	ug/kg	SW846 8260A
Dibromochloromethane	ND	690	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	690	ug/kg	SW846 8260A
Benzene	ND	690	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	690	ug/kg	SW846 8260A
Bromoform	ND	690	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	2800	ug/kg	SW846 8260A
2-Hexanone	ND	2800	ug/kg	SW846 8260A
Tetrachloroethene	**6700**	**690**	**ug/kg**	**SW846 8260A**
1,1,2,2-Tetrachloroethane	ND	690	ug/kg	SW846 8260A
Toluene	ND	690	ug/kg	SW846 8260A
Chlorobenzene	ND	690	ug/kg	SW846 8260A
Ethylbenzene	ND	690	ug/kg	SW846 8260A
Styrene	ND	690	ug/kg	SW846 8260A
Xylenes (total)	ND	690	ug/kg	SW846 8260A
trans-1,2-Dichloroethene	ND	340	ug/kg	SW846 8260A
cis-1,2-Dichloroethene	ND	340	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(61 - 115)
Toluene-d8	93	(82 - 129)
Bromofluorobenzene	95	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-14I 30-32 (MS/MSD)

GC/MS Volatiles

Lot-Sample #...: A7K210187-008 **Work Order #...:** CE68K102 **Matrix.....:** SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: T-112097

GC/MS Volatiles

Lot-Sample #...: A7K210187-009 **Work Order #...:** CE68N101 **Matrix.....:** WATER
Date Sampled...: 11/20/97 00:00 **Date Received..:** 11/21/97
Prep Date.....: 11/29/97 **Analysis Date..:** 11/29/97
Prep Batch #...: 7334116
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	2.0	ug/L	SW846 8260A
Bromomethane	ND	2.0	ug/L	SW846 8260A
Vinyl chloride	ND	1.0	ug/L	SW846 8260A
Chloroethane	ND	2.0	ug/L	SW846 8260A
Methylene chloride	ND	1.0	ug/L	SW846 8260A
Acetone	ND	10	ug/L	SW846 8260A
Carbon disulfide	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A
Chloroform	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A
2-Butanone	ND	10	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Trichloroethene	ND	1.0	ug/L	SW846 8260A
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Benzene	ND	1.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Bromoform	ND	1.0	ug/L	SW846 8260A
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A
2-Hexanone	ND	10	ug/L	SW846 8260A
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A
Toluene	ND	1.0	ug/L	SW846 8260A
Chlorobenzene	ND	1.0	ug/L	SW846 8260A
Ethylbenzene	ND	1.0	ug/L	SW846 8260A
Styrene	ND	1.0	ug/L	SW846 8260A
Xylenes (total)	ND	1.0	ug/L	SW846 8260A
cis-1,2-Dichloroethylene	ND	0.50	ug/L	SW846 8260A
trans-1,2-Dichloroethylene	ND	0.50	ug/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	89	(69 - 127)
Toluene-d8	98	(90 - 112)
Bromofluorobenzene	98	(87 - 114)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7K210187 **Work Order #...:** CEAGN101 **Matrix.....:** SOLID
MB Lot-Sample #: A7L010000-266

Prep Date.....: 12/01/97
Analysis Date..: 12/02/97 **Prep Batch #...:** 7335266
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	1200	ug/kg	SW846 8260A
Bromomethane	ND	1200	ug/kg	SW846 8260A
Vinyl chloride	ND	1200	ug/kg	SW846 8260A
Chloroethane	ND	1200	ug/kg	SW846 8260A
Methylene chloride	ND	620	ug/kg	SW846 8260A
Acetone	ND	2500	ug/kg	SW846 8260A
Carbon disulfide	ND	620	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	620	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	620	ug/kg	SW846 8260A
Chloroform	ND	620	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	620	ug/kg	SW846 8260A
2-Butanone	ND	2500	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	620	ug/kg	SW846 8260A
Carbon tetrachloride	ND	620	ug/kg	SW846 8260A
Bromodichloromethane	ND	620	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	620	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	620	ug/kg	SW846 8260A
Trichloroethene	ND	620	ug/kg	SW846 8260A
Dibromochloromethane	ND	620	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	620	ug/kg	SW846 8260A
Benzene	ND	620	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	620	ug/kg	SW846 8260A
Bromoform	ND	620	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	2500	ug/kg	SW846 8260A
2-Hexanone	ND	2500	ug/kg	SW846 8260A
Tetrachloroethene	ND	620	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	620	ug/kg	SW846 8260A
Toluene	ND	620	ug/kg	SW846 8260A
Chlorobenzene	ND	620	ug/kg	SW846 8260A
Ethylbenzene	ND	620	ug/kg	SW846 8260A
Styrene	ND	620	ug/kg	SW846 8260A
Xylenes (total)	ND	620	ug/kg	SW846 8260A
cis-1,2-Dichloroethene	ND	310	ug/kg	SW846 8260A
trans-1,2-Dichloroethene	ND	310	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(61 - 115)
Toluene-d8	96	(82 - 129)
Bromofluorobenzene	96	(64 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7K210187
MB Lot-Sample #: A7K300000-116

Work Order #...: CEA35101

Matrix.....: WATER

Prep Date.....: 11/29/97
Prep Batch #...: 7334116

Analysis Date..: 11/29/97
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	2.0	ug/L	SW846 8260A
Bromomethane	ND	2.0	ug/L	SW846 8260A
Vinyl chloride	ND	1.0	ug/L	SW846 8260A
Chloroethane	ND	2.0	ug/L	SW846 8260A
Methylene chloride	ND	1.0	ug/L	SW846 8260A
Acetone	ND	10	ug/L	SW846 8260A
Carbon disulfide	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A
Chloroform	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A
2-Butanone	ND	10	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Trichloroethene	ND	1.0	ug/L	SW846 8260A
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Benzene	ND	1.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Bromoform	ND	1.0	ug/L	SW846 8260A
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A
2-Hexanone	ND	10	ug/L	SW846 8260A
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A
Toluene	ND	1.0	ug/L	SW846 8260A
Chlorobenzene	ND	1.0	ug/L	SW846 8260A
Ethylbenzene	ND	1.0	ug/L	SW846 8260A
Styrene	ND	1.0	ug/L	SW846 8260A
Xylenes (total)	ND	1.0	ug/L	SW846 8260A
cis-1,2-Dichloroethylene	ND	0.50	ug/L	SW846 8260A
trans-1,2-Dichloroethylen	ND	0.50	ug/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	91	(69 - 127)
Toluene-d8	99	(90 - 112)
Bromofluorobenzene	98	(87 - 114)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7K210187
MB Lot-Sample #: A7L050000-168

Work Order #...: CEDL8101

Matrix.....: SOLID

Prep Date.....: 12/03/97
Prep Batch #...: 7339168

Analysis Date..: 12/03/97
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	10	ug/kg	SW846 8260A
Bromomethane	ND	10	ug/kg	SW846 8260A
Vinyl chloride	ND	10	ug/kg	SW846 8260A
Chloroethane	ND	10	ug/kg	SW846 8260A
Methylene chloride	ND	5.0	ug/kg	SW846 8260A
Acetone	ND	20	ug/kg	SW846 8260A
Carbon disulfide	ND	5.0	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260A
Chloroform	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260A
2-Butanone	ND	20	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260A
Trichloroethene	ND	5.0	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260A
Benzene	ND	5.0	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260A
Bromoform	ND	5.0	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260A
2-Hexanone	ND	20	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260A
Toluene	ND	5.0	ug/kg	SW846 8260A
Chlorobenzene	ND	5.0	ug/kg	SW846 8260A
Ethylbenzene	ND	5.0	ug/kg	SW846 8260A
Styrene	ND	5.0	ug/kg	SW846 8260A
Xylenes (total)	ND	5.0	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.5	ug/kg	SW846 8260A
trans-1,2-Dichloroethylen	ND	2.5	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	107	(61 - 115)
Toluene-d8	96	(82 - 129)
Bromofluorobenzene	96	(64 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7K210187
MB Lot-Sample #: A7L050000-197

Work Order #...: CEDP0101
Prep Date.....: 12/04/97
Prep Batch #...: 7339197

Matrix.....: SOLID

Analysis Date..: 12/04/97
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	10	ug/kg	SW846 8260A
Bromomethane	ND	10	ug/kg	SW846 8260A
Vinyl chloride	ND	10	ug/kg	SW846 8260A
Chloroethane	ND	10	ug/kg	SW846 8260A
Methylene chloride	ND	5.0	ug/kg	SW846 8260A
Acetone	ND	20	ug/kg	SW846 8260A
Carbon disulfide	ND	5.0	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260A
Chloroform	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260A
2-Butanone	ND	20	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260A
Trichloroethene	ND	5.0	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260A
Benzene	ND	5.0	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260A
Bromoform	ND	5.0	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260A
2-Hexanone	ND	20	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260A
Toluene	ND	5.0	ug/kg	SW846 8260A
Chlorobenzene	ND	5.0	ug/kg	SW846 8260A
Ethylbenzene	ND	5.0	ug/kg	SW846 8260A
Styrene	ND	5.0	ug/kg	SW846 8260A
Xylenes (total)	ND	5.0	ug/kg	SW846 8260A
cis-1,2-Dichloroethylene	ND	2.5	ug/kg	SW846 8260A
trans-1,2-Dichloroethylen	ND	2.5	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	112	(61 - 115)
Toluene-d8	95	(82 - 129)
Bromofluorobenzene	95	(64 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

entered by DVS 12/5/97

COMPUCHEM
a division of Liberty Analytical Corp.

RFA 97-228
Preliminary

FAX COVER SHEET

Date: 12.4.97

To: Mr. Ken Vogel Fax: 612-490-1006

From: Marlene A. Smith Phone: 919.379.4100
Drilling-Soil Fax: 919.379.4050

RE: RFA#228. Daytona Thermal

501 Madison Avenue, Cary, NC 27513. Tel: 919.379.4100, Fax: 919.379.4050

Quanterra Environmental Services

Date: 12/02/97
Time: 20:01:29
(Mountain Time)

From: Jeff Smith
QuanTerra Inc.
4101 Bluffel Drive NW
North Canton, OH 44720

voice: 330-497-9396
fax: 330-497-0772

To: Cathy Dover
Compuchem Environmental

919-3794050

voice: 330-497-9396
fax: 330-497-0772

Number of Pages
Including Cover Sheet: 12

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Quote Number :21677
Project Number :RFA# YGOP9700228-1
Project Name/Site :DAYTON THERMAL

This is an automated feature provided by Quanterra Environmental Services.

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: RFA# YGQP9700228-1

Lot #: A7K140171 Date Reported: 12/02/97

Client Sample ID: MW7S 20-22'
Sample #: 001 Date Sampled: 11/11/97 10:45 Date Received: 11/14/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Chloromethane	ND	11	ug/kg	SW846 8260A	
Bromomethane	ND	11	ug/kg	SW846 8260A	
Vinyl chloride	ND	11	ug/kg	SW846 8260A	
Chloroethane	ND	11	ug/kg	SW846 8260A	
Methylene chloride	ND	5.3	ug/kg	SW846 8260A	
Acetone	ND	21	ug/kg	SW846 8260A	
Carbon disulfide	ND	5.3	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	5.3	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	5.3	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.3	ug/kg	SW846 8260A	
Chloroform	ND	5.3	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	5.3	ug/kg	SW846 8260A	
2-Butanone	ND	21	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	5.3	ug/kg	SW846 8260A	
Carbon tetrachloride	ND	5.3	ug/kg	SW846 8260A	
Bromodichloromethane	ND	5.3	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	5.3	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.3	ug/kg	SW846 8260A	
Trichloroethene	ND	5.3	ug/kg	SW846 8260A	
Dibromochloromethane	ND	5.3	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	5.3	ug/kg	SW846 8260A	
Benzene	ND	5.3	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.3	ug/kg	SW846 8260A	
Bromoform	ND	5.3	ug/kg	SW846 8260A	
4-Methyl-2-pentanone	ND	21	ug/kg	SW846 8260A	
2-Hexanone	ND	21	ug/kg	SW846 8260A	
Tetrachloroethene	ND	5.3	ug/kg	SW846 8260A	
1,1,2,2 Tetrachloroethane	ND	5.3	ug/kg	SW846 8260A	
Toluene	ND	5.3	ug/kg	SW846 8260A	
Chlorobenzene	ND	5.3	ug/kg	SW846 8260A	
Ethylbenzene	ND	5.3	ug/kg	SW846 8260A	
Styrene	ND	5.3	ug/kg	SW846 8260A	
Xylenes (total)	ND	5.3	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: RFA# YGQF97/00228-1

Lot #: A7K140121 Date Reported: 12/02/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Client Sample ID: MW7S 20-22'				
Sample #: 001 Date Sampled: 11/11/97 10:45 Date Received: 11/14/97 Matrix: SOLID				
Inorganic Analysis				Reviewed
Total Residue as Percent Solids	91.0	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Client Sample ID: MW7S 30-32'				
Sample #: 002 Date Sampled: 11/11/97 12:00 Date Received: 11/14/97 Matrix: SOLID				
Volatile Organics by GC/MS				Reviewed
Chloromethane	ND	57	ug/kg	SW846 8260A
Bromomethane	ND	57	ug/kg	SW846 8260A
Vinyl chloride	ND	57	ug/kg	SW846 8260A
Chloroethane	ND	57	ug/kg	SW846 8260A
Methylene chloride	ND	28	ug/kg	SW846 8260A
Acetone	ND	110	ug/kg	SW846 8260A
Carbon disulfide	ND	28	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	28	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	28	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	28	ug/kg	SW846 8260A
Chloroform	ND	28	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	28	ug/kg	SW846 8260A
2-Butanone	ND	110	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	28	ug/kg	SW846 8260A
Carbon tetrachloride	ND	28	ug/kg	SW846 8260A
Bromodichloromethane	ND	28	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	28	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	28	ug/kg	SW846 8260A
Trichloroethene	690	28	ug/kg	SW846 8260A
Dibromochloromethane	ND	28	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	28	ug/kg	SW846 8260A
Benzene	ND	28	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	28	ug/kg	SW846 8260A
Bromoform	ND	28	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	110	ug/kg	SW846 8260A
2-Hexanone	ND	110	ug/kg	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: RFA# YGQP9700228-1

Lot #: A7K140171 Date Reported: 12/02/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Client Sample ID: MW7S 20-22'				
Sample #: 001 Date Sampled: 11/11/97 10:45 Date Received: 11/14/97 Matrix: SOLID				
Inorganic Analysis				Reviewed
Total Residue as Percent Solids	94.0	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: MW7S 30-32'				
Sample #: 002 Date Sampled: 11/11/97 12:00 Date Received: 11/14/97 Matrix: SOLID				
Volatile Organics by GC/MS				Reviewed
Chloromethane	ND	57	ug/kg	SW846 8260A
Bromomethane	ND	57	ug/kg	SW846 8260A
Vinyl chloride	ND	57	ug/kg	SW846 8260A
Chloroethane	ND	57	ug/kg	SW846 8260A
Methylene chloride	ND	28	ug/kg	SW846 8260A
Acetone	ND	110	ug/kg	SW846 8260A
Carbon disulfide	ND	28	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	28	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	28	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	28	ug/kg	SW846 8260A
Chloroform	ND	28	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	28	ug/kg	SW846 8260A
2-Butanone	ND	110	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	28	ug/kg	SW846 8260A
Carbon tetrachloride	ND	28	ug/kg	SW846 8260A
Bromodichloromethane	ND	28	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	28	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	28	ug/kg	SW846 8260A
Trichloroethene	690	28	ug/kg	SW846 8260A
Dibromochloromethane	ND	28	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	28	ug/kg	SW846 8260A
Benzene	ND	28	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	28	ug/kg	SW846 8260A
Bromoform	ND	28	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	110	ug/kg	SW846 8260A
2-Hexanone	ND	110	ug/kg	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: REA# YGQP9700228-1

Lot #: A7K140171 Date Reported: 12/02/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Client Sample ID: MW7S 30-32'				
Sample #: 002 Date Sampled: 11/11/97 12:00 Date Received: 11/14/97 Matrix: SOLID				
Volatile Organics by GC/MS				Reviewed
Tetrachloroethene	ND	28	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	28	ug/kg	SW846 8260A
Toluene	ND	28	ug/kg	SW846 8260A
Chlorobenzene	ND	28	ug/kg	SW846 8260A
Ethylbenzene	ND	28	ug/kg	SW846 8260A
Styrene	ND	28	ug/kg	SW846 8260A
Xylenes (total)	ND	28	ug/kg	SW846 8260A

Results and reporting limits have been adjusted for dry weight.
Surrogates outside acceptance criteria due to demonstrated matrix effect.

Inorganic Analysis				Reviewed
Total Residue as Percent Solids	88.4	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: PZ7I 55-57'				
Sample #: 003 Date Sampled: 11/12/97 09:15 Date Received: 11/14/97 Matrix: SOLID				
Volatile Organics by GC/MS				Reviewed
Chloromethane	ND	11	ug/kg	SW846 8260A
Bromomethane	ND	11	ug/kg	SW846 8260A
Vinyl chloride	ND	11	ug/kg	SW846 8260A
Chloroethane	ND	11	ug/kg	SW846 8260A
Methylene chloride	ND	5.4	ug/kg	SW846 8260A
Acetone	ND	22	ug/kg	SW846 8260A
Carbon disulfide	ND	5.4	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.4	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.4	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	5.4	ug/kg	SW846 8260A
Chloroform	ND	5.4	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.4	ug/kg	SW846 8260A
2-Butanone	ND	22	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.4	ug/kg	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: REA# YGQP9700228-1

Lot #: A7K140171 Date Reported: 12/02/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Client Sample ID: PZ7I 55-57'				
Sample #: 003 Date Sampled: 11/12/97 09:15 Date Received: 11/14/97 Matrix: SOLID				
Volatile Organics by GC/MS				Reviewed
Carbon tetrachloride	ND	5.4	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.4	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.4	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.4	ug/kg	SW846 8260A
Trichloroethene	ND	5.4	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.4	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.4	ug/kg	SW846 8260A
Benzene	ND	5.4	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.4	ug/kg	SW846 8260A
Bromoform	ND	5.4	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	22	ug/kg	SW846 8260A
2-Hexanone	ND	22	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.4	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.4	ug/kg	SW846 8260A
Toluene	ND	5.4	ug/kg	SW846 8260A
Chlorobenzene	ND	5.4	ug/kg	SW846 8260A
Ethylbenzene	ND	5.4	ug/kg	SW846 8260A
Styrene	ND	5.4	ug/kg	SW846 8260A
Xylenes (total)	ND	5.4	ug/kg	SW846 8260A
Results and reporting limits have been adjusted for dry weight.				
Inorganic Analysis				Reviewed
Total Residue as Percent Solids	92.2	0.10	%	MCAWW 160.3 MOD
Results and reporting limits have been adjusted for dry weight.				
Client Sample ID: MW20S 20-22'				
Sample #: 004 Date Sampled: 11/12/97 14:15 Date Received: 11/14/97 Matrix: SOLID				
Volatile Organics by GC/MS				Reviewed
Chloromethane	ND	11	ug/kg	SW846 8260A
Bromomethane	ND	11	ug/kg	SW846 8260A
Vinyl chloride	ND	11	ug/kg	SW846 8260A
Chloroethane	ND	11	ug/kg	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

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Compuchem Environmental
DAYTON THERMAL
Project Number: REA# YGQF9700228-1

Lot #: A7K140171 Date Reported: 12/02/97

Client Sample ID: MW20S 20-22'
Sample #: 004 Date Sampled: 11/12/97 14:15 Date Received: 11/14/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Methylene chloride	ND	5.6	ug/kg	SW846 8260A	
Acetone	ND	23	ug/kg	SW846 8260A	
Carbon disulfide	ND	5.6	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	5.6	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	5.6	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.6	ug/kg	SW846 8260A	
Chloroform	ND	5.6	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	5.6	ug/kg	SW846 8260A	
2-Butanone	ND	23	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	5.6	ug/kg	SW846 8260A	
Carbon tetrachloride	ND	5.6	ug/kg	SW846 8260A	
Bromodichloromethane	ND	5.6	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	5.6	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.6	ug/kg	SW846 8260A	
Trichloroethene	ND	5.6	ug/kg	SW846 8260A	
Dibromochloromethane	ND	5.6	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	5.6	ug/kg	SW846 8260A	
Benzene	ND	5.6	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.6	ug/kg	SW846 8260A	
Bromoform	ND	5.6	ug/kg	SW846 8260A	
4-Methyl-2-pentanone	ND	23	ug/kg	SW846 8260A	
2-Hexanone	ND	23	ug/kg	SW846 8260A	
Tetrachloroethene	ND	5.6	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.6	ug/kg	SW846 8260A	
Toluene	ND	5.6	ug/kg	SW846 8260A	
Chlorobenzene	ND	5.6	ug/kg	SW846 8260A	
Ethylbenzene	ND	5.6	ug/kg	SW846 8260A	
Styrene	ND	5.6	ug/kg	SW846 8260A	
Xylenes (total)	ND	5.6	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis					Reviewed
Total Residue as Percent Solids	88.8	0.10	%	MCAWW 160.3 MOD	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

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Compuchem Environmental
DAYTON THERMAL
Project Number: RFA# YGQP9700228-1

Lot #: A7K140171 Date Reported: 12/02/97

Client Sample ID: MW20S 20-22'
Sample #: 004 Date Sampled: 11/12/97 14:15 Date Received: 11/14/97 Matrix: SOLID

Inorganic Analysis — Reviewed

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: PZ20D 60-62'
Sample #: 005 Date Sampled: 11/13/97 11:50 Date Received: 11/14/97 Matrix: SOLID

Volatile Organics by GC/MS — Reviewed

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Chloromethane	ND	11	ug/kg	SW846 8260A
Bromomethane	ND	11	ug/kg	SW846 8260A
Vinyl chloride	ND	11	ug/kg	SW846 8260A
Chloroethane	ND	11	ug/kg	SW846 8260A
Methylene chloride	ND	5.3	ug/kg	SW846 8260A
Acetone	ND	21	ug/kg	SW846 8260A
Carbon disulfide	ND	5.3	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.3	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.3	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	5.3	ug/kg	SW846 8260A
Chloroform	ND	5.3	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.3	ug/kg	SW846 8260A
2-Butanone	ND	21	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.3	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.3	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.3	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.3	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.3	ug/kg	SW846 8260A
Trichloroethene	50	5.3	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.3	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.3	ug/kg	SW846 8260A
Benzene	ND	5.3	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.3	ug/kg	SW846 8260A
Bromoform	ND	5.3	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	21	ug/kg	SW846 8260A
2-Hexanone	ND	21	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.3	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.3	ug/kg	SW846 8260A

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QUANTERRA INCORPORATED

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Compuchem Environmental
DAYTON THERMAL
Project Number: RFA# YGQP9700228-1

Lot #: A7K140171 Date Reported: 12/02/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Client Sample ID: PZ20D 60-62'					
Sample #: 005 Date Sampled: 11/13/97 11:50 Date Received: 11/14/97 Matrix: SOLID					
Volatile Organics by GC/MS					Reviewed
Toluene	ND	5.3	ug/kg	SW846 8260A	
Chlorobenzene	ND	5.3	ug/kg	SW846 8260A	
Ethylbenzene	ND	5.3	ug/kg	SW846 8260A	
Styrene	ND	5.3	ug/kg	SW846 8260A	
Xylenes (total)	ND	5.3	ug/kg	SW846 8260A	
Results and reporting limits have been adjusted for dry weight.					
Inorganic Analysis					Reviewed
Total Residue as Percent Solids	93.9	0.10	%	MCAWW 160.3 MOD	
Results and reporting limits have been adjusted for dry weight.					
Client Sample ID: PZ20D 86-87'					
Sample #: 006 Date Sampled: 11/13/97 14:40 Date Received: 11/14/97 Matrix: SOLID					
Volatile Organics by GC/MS					Reviewed
Chloromethane	ND	11	ug/kg	SW846 8260A	
Bromomethane	ND	11	ug/kg	SW846 8260A	
Vinyl chloride	ND	11	ug/kg	SW846 8260A	
Chloroethane	ND	11	ug/kg	SW846 8260A	
Methylene chloride	ND	5.4	ug/kg	SW846 8260A	
Acetone	ND	22	ug/kg	SW846 8260A	
Carbon disulfide	ND	5.4	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	5.4	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	5.4	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.4	ug/kg	SW846 8260A	
Chloroform	ND	5.4	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	5.4	ug/kg	SW846 8260A	
2-Butanone	ND	22	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	5.4	ug/kg	SW846 8260A	
Carbon tetrachloride	ND	5.4	ug/kg	SW846 8260A	
Bromodichloromethane	ND	5.4	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	5.4	ug/kg	SW846 8260A	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: RFA# YGQF9700228-1

Lot #: A7K140171 Date Reported: 12/02/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Client Sample ID: PZ20D 86-87'				
Sample #: 006 Date Sampled: 11/13/97 14:40 Date Received: 11/14/97 Matrix: SOLID				
Volatile Organics by GC/MS				Reviewed
cis-1,3-Dichloropropene	ND	5.4	ug/kg	SW846 8260A
Trichloroethene	ND	5.4	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.4	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.4	ug/kg	SW846 8260A
Benzene	ND	5.4	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.4	ug/kg	SW846 8260A
Bromoform	ND	5.4	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	22	ug/kg	SW846 8260A
2-Hexanone	ND	22	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.4	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.4	ug/kg	SW846 8260A
Toluene	ND	5.4	ug/kg	SW846 8260A
Chlorobenzene	ND	5.4	ug/kg	SW846 8260A
Ethylbenzene	ND	5.4	ug/kg	SW846 8260A
Styrene	ND	5.4	ug/kg	SW846 8260A
Xylenes (total)	ND	5.4	ug/kg	SW846 8260A

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis				Reviewed
Total Residue as Percent Solids	92.7	0.10	%	NCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: PZ19I 20-22'				
Sample #: 007 Date Sampled: 11/12/97 08:30 Date Received: 11/14/97 Matrix: SOLID				
Volatile Organics by GC/MS				Reviewed
Chloromethane	ND	11	ug/kg	SW846 8260A
Bromomethane	ND	11	ug/kg	SW846 8260A
Vinyl chloride	ND	11	ug/kg	SW846 8260A
Chloroethane	ND	11	ug/kg	SW846 8260A
Methylene chloride	ND	5.5	ug/kg	SW846 8260A
Acetone	ND	22	ug/kg	SW846 8260A
Carbon disulfide	ND	5.5	ug/kg	SW846 8260A

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: RFA# VGQF9700228-1

Lot #: A7K140171 Date Reported: 12/02/97

Client Sample ID: PZ19I 20-22'
Sample #: 007 Date Sampled: 11/12/97 08:30 Date Received: 11/14/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
1,1-Dichloroethene	ND	5.5	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	5.5	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.5	ug/kg	SW846 8260A	
Chloroform	ND	5.5	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	5.5	ug/kg	SW846 8260A	
2-Butanone	ND	22	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	5.5	ug/kg	SW846 8260A	
Carbon tetrachloride	ND	5.5	ug/kg	SW846 8260A	
Bromodichloromethane	ND	5.5	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	5.5	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.5	ug/kg	SW846 8260A	
Trichloroethene	ND	5.5	ug/kg	SW846 8260A	
Dibromochloromethane	ND	5.5	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	5.5	ug/kg	SW846 8260A	
Benzene	ND	5.5	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.5	ug/kg	SW846 8260A	
Bromoform	ND	5.5	ug/kg	SW846 8260A	
4-Methyl-2-pentanone	ND	22	ug/kg	SW846 8260A	
2-Hexanone	ND	22	ug/kg	SW846 8260A	
Tetrachloroethene	ND	5.5	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.5	ug/kg	SW846 8260A	
Toluene	ND	5.5	ug/kg	SW846 8260A	
Chlorobenzene	ND	5.5	ug/kg	SW846 8260A	
Ethylbenzene	ND	5.5	ug/kg	SW846 8260A	
Styrene	ND	5.5	ug/kg	SW846 8260A	
Xylenes (total)	ND	5.5	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis					Reviewed
Total Residue as Percent Solids	90.9	0.10	%	MCAWW 160.3 MOD	

Results and reporting limits have been adjusted for dry weight.

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: REA# YGQF9700228-1

Lot #: A7K140171 Date Reported: 12/02/97

Client Sample ID: MW20S-E
Sample #: 008 Date Sampled: 11/12/97 15:35 Date Received: 11/14/97 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by GC/MS				Reviewed
Chloromethane	ND	2.0	ug/L	SW846 8260A
Bromomethane	ND	2.0	ug/L	SW846 8260A
Vinyl chloride	ND	1.0	ug/L	SW846 8260A
Chloroethane	ND	2.0	ug/L	SW846 8260A
Methylene chloride	ND	1.0	ug/L	SW846 8260A
Acetone	ND	10	ug/L	SW846 8260A
Carbon disulfide	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethene (total)	ND	1.0	ug/L	SW846 8260A
Chloroform	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A
2-Butanone	ND	10	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Trichloroethene	ND	1.0	ug/L	SW846 8260A
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Benzene	ND	1.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Bromoform	ND	1.0	ug/L	SW846 8260A
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A
2-Hexanone	ND	10	ug/L	SW846 8260A
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A
Toluene	ND	1.0	ug/L	SW846 8260A
Chlorobenzene	ND	1.0	ug/L	SW846 8260A
Ethylbenzene	ND	1.0	ug/L	SW846 8260A
Styrene	ND	1.0	ug/L	SW846 8260A
Xylenes (total)	ND	1.0	ug/L	SW846 8260A

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: RFA# YGQP9700228-1

Lot #: A7K140171 Date Reported: 12/02/97

Client Sample ID: PZ-21 40-42'
Sample #: 009 Date Sampled: 11/13/97 14:47 Date Received: 11/14/97 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Chloromethane	ND	2.0	ug/L	SW846 8260A	
Bromomethane	ND	2.0	ug/L	SW846 8260A	
Vinyl chloride	ND	1.0	ug/L	SW846 8260A	
Chloroethane	ND	2.0	ug/L	SW846 8260A	
Methylene chloride	ND	1.0	ug/L	SW846 8260A	
Acetone	ND	10	ug/L	SW846 8260A	
Carbon disulfide	ND	1.0	ug/L	SW846 8260A	
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A	
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A	
1,2-Dichloroethene (total)	ND	1.0	ug/L	SW846 8260A	
Chloroform	ND	1.0	ug/L	SW846 8260A	
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A	
2-Butanone	ND	10	ug/L	SW846 8260A	
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A	
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A	
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A	
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A	
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A	
Trichloroethene	8.8	1.0	ug/L	SW846 8260A	
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A	
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A	
Benzene	1.1	1.0	ug/L	SW846 8260A	
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A	
Bromoform	ND	1.0	ug/L	SW846 8260A	
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A	
2-Hexanone	ND	10	ug/L	SW846 8260A	
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A	
Toluene	2.1	1.0	ug/L	SW846 8260A	
Chlorobenzene	ND	1.0	ug/L	SW846 8260A	
Ethylbenzene	ND	1.0	ug/L	SW846 8260A	
Styrene	ND	1.0	ug/L	SW846 8260A	
Xylenes (total)	ND	1.0	ug/L	SW846 8260A	

Quanterra
Environmental Services

Date: 12/03/97
Time: 20:10:58
(Mountain Time)

From: Jeff Smith
Quanterra Inc.
4101 Shuffel Drive NW
North Canton, OH 44720

voice: 330-497-9396
fax: 330-497-0772

To: Cathy Dover
Compuchem Environmental

919-3794050

Number of Pages
Including Cover Sheet: 03

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Quote Number :21677
Project Number :YGQP9700228-T
Project Name/Site :DAYTON THERMAL

This is an automated feature provided by Quanterra Environmental Services.

SAMPLE CONFIRMATION REPORT

The following samples have been received by Quanterra Inc.
at North Canton, Ohio.
Please verify that the sample ID's and the requested tests are correct. Contact the Quanterra project manager listed below to resolve any discrepancies.

Report to:
Cathy Dover
Compuchem Environmental
a Division of Liberty Analytic
501 Madison
Carey, NC27513

Bill to:
Accounts Payable/Cathy Dover
Compuchem Environmental
a Division of Liberty Analytic

Research Triangle P, NC 27709

Client
Project : DAYTON THERMAL
Number : YGQP9700228-T
Manager : Cathy Dover

Quanterra
Date Rec: 12/03/97
Quote No: 021677
Manager : Jeffrey C. Smith

Due Dates
Preliminary: 12/13/97
Hard Copy : 12/20/97

Analytical TAT: 10

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Client ID: PZ-17D-E
Date Sampled: 12/02/97 Time Sampled: 9:10
Quant. ID: A7L030153-001 Matrix: WATER

Parameter	Method		Rep
Volatile Organics by GC/MS	SW846	8260A	

Client ID: PZ-17D-(20-22)
Date Sampled: 12/02/97 Time Sampled: 9:02
Quant. ID: A7L030153-002 Matrix: SOLID

Parameter	Method		Rep
Volatile Organics by GC/MS	SW846	8260A	
Total Residue as Percent Solids	MCAWW	160.3 MOD	

Client ID: PZ-17D-(30-32)
Date Sampled: 12/02/97 Time Sampled: 9:40
Quant. ID: A7L030153-003 Matrix: SOLID

Parameter	Method		Rep
Volatile Organics by GC/MS	SW846	8260A	
Total Residue as Percent Solids	MCAWW	160.3 MOD	

Client ID: TB120297
Date Sampled: 12/02/97 Time Sampled:
Quant. ID: A7L030153-004 Matrix: WATER

Parameter	Method		Rep

SAMPLE CONFIRMATION REPORT

Client
Project : DAYTON THERMAL
Number : YGQP9700228-T
Manager : Cathy Dover

Quanterra
Date Rec: 12/03/97
Quote No: 021677
Manager : Jeffrey C. Smith

Due Dates
Preliminary: 12/13/97
Hard Copy : 12/20/97

Analytical TAT: 10

Client ID: TB120297
Date Sampled: 12/02/97 Time Sampled:
Quant. ID: A7L030153-004 Matrix: WATER

Parameter	Method		Rep
* Continued*			
Volatile Organics by GC/MS	SW846	8260A	

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entered by DVS 12/5/97

COMPUCHEM
a division of Liberty Analytical Corp.

FAX COVER SHEET

RFA 228 (1997)

Drilling - Soil

Date: 12.5.97

To: Ken Vogel

LBG

From: [signature]

Fax: 612-440-1006

Phone: 919.379.4100

Fax: 919.379.4050

501 Madison Avenue, Cary, NC 27513, Tel: 919.379.4100, Fax: 919.379.4050

Quanterra
Environmental Services

Date: 12/04/97
Time: 20:01:39
(Mountain Time)

From: Jeff Smith
Quanterra Inc.
4101 Shuffel Drive NW
North Canton, OH 44720

To: Cathy Dover
Compuchem Environmental

919-3794050

From: Jeff Smith
Quanterra Inc.
4101 Shuffel Drive NW
North Canton, OH 44720

voice: 330-497-9396
fax: 330-497-0772

To: Cathy Dover
Compuchem Environmental

919-3794050

Number of Pages
Including Cover Sheet: 19

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Quote Number :21677
Project Number :SC001 RFA #YGQP9700228-T
Project Name/Site :DAYTON THERMAL

This is an automated feature provided by Quanterra Environmental Services.

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001 RFA #YGQP9700228-T

Lot #: A7K200127 Date Reported: 12/04/97

Client Sample ID: PZ-21 60-62
Sample #: 001 Date Sampled: 11/13/97 16:58 Date Received: 11/19/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Chloromethane	ND	11	ug/kg	SW846 8260A	
Bromomethane	ND	11	ug/kg	SW846 8260A	
Vinyl chloride	ND	11	ug/kg	SW846 8260A	
Chloroethane	ND	11	ug/kg	SW846 8260A	
Methylene chloride	ND	5.4	ug/kg	SW846 8260A	
Acetone	ND	22	ug/kg	SW846 8260A	
Carbon disulfide	ND	5.4	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	5.4	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	5.4	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.4	ug/kg	SW846 8260A	
Chloroform	ND	5.4	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	5.4	ug/kg	SW846 8260A	
2-Butanone	ND	22	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	5.4	ug/kg	SW846 8260A	
Carbon tetrachloride	ND	5.4	ug/kg	SW846 8260A	
Bromodichloromethane	ND	5.4	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	5.4	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.4	ug/kg	SW846 8260A	
Trichloroethene	ND	5.4	ug/kg	SW846 8260A	
Dibromochloromethane	ND	5.4	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	5.4	ug/kg	SW846 8260A	
Benzene	ND	5.4	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.4	ug/kg	SW846 8260A	
Bromoform	ND	5.4	ug/kg	SW846 8260A	
4-Methyl-2-pentanone	ND	22	ug/kg	SW846 8260A	
2-Hexanone	ND	22	ug/kg	SW846 8260A	
Tetrachloroethene	ND	5.4	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.4	ug/kg	SW846 8260A	
Toluene	ND	5.4	ug/kg	SW846 8260A	
Chlorobenzene	ND	5.4	ug/kg	SW846 8260A	
Ethylbenzene	ND	5.4	ug/kg	SW846 8260A	
Styrene	ND	5.4	ug/kg	SW846 8260A	
Xylenes (total)	ND	5.4	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001 RFA #YGQP9700228-T

Lot #: A7K200127 Date Reported: 12/04/97

Client Sample ID: PZ-21 60-62
Sample #: 001 Date Sampled: 11/13/97 16:58 Date Received: 11/19/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Inorganic Analysis					Reviewed
Total Residue as Percent Solids	91.8	0.10	%	MCAWW 160.3 MOD	

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: MW-18S 25-27
Sample #: 002 Date Sampled: 11/14/97 15:05 Date Received: 11/19/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Chloromethane	ND	1400	ug/kg	SW846 8260A	
Bromomethane	ND	1400	ug/kg	SW846 8260A	
Vinyl chloride	ND	1400	ug/kg	SW846 8260A	
Chloroethane	ND	1400	ug/kg	SW846 8260A	
Methylene chloride	ND	710	ug/kg	SW846 8260A	
Acetone	ND	2800	ug/kg	SW846 8260A	
Carbon disulfide	ND	710	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	710	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	710	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	ND	710	ug/kg	SW846 8260A	
Chloroform	ND	710	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	710	ug/kg	SW846 8260A	
2-Butanone	ND	2800	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	710	ug/kg	SW846 8260A	
Carbon tetrachloride	ND	710	ug/kg	SW846 8260A	
Bromodichloromethane	ND	710	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	710	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	710	ug/kg	SW846 8260A	
Trichloroethene	ND	710	ug/kg	SW846 8260A	
Dibromochloromethane	ND	710	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	710	ug/kg	SW846 8260A	
Benzene	ND	710	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	710	ug/kg	SW846 8260A	
Bromoform	ND	710	ug/kg	SW846 8260A	
4-Methyl-2-pentanone	ND	2800	ug/kg	SW846 8260A	
2-Hexanone	ND	2800	ug/kg	SW846 8260A	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001 REA #VGQP9700228-T

Lot #: A7K200127 Date Reported: 12/04/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Client Sample ID: MW-18S 25-27				
Sample #: 002 Date Sampled: 11/14/97 15:05 Date Received: 11/19/97 Matrix: SOLID				
Volatile Organics by GC/MS				Reviewed
Tetrachloroethene	6100	710	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	710	ug/kg	SW846 8260A
Toluene	ND	710	ug/kg	SW846 8260A
Chlorobenzene	ND	710	ug/kg	SW846 8260A
Ethylbenzene	ND	710	ug/kg	SW846 8260A
Styrene	ND	710	ug/kg	SW846 8260A
Xylenes (total)	ND	710	ug/kg	SW846 8260A

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis				Reviewed
Total Residue as Percent Solids	88.2	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

PZ-13I Renamed Dec 12, 1997

Client Sample ID: PZ-13D 30-32				
Sample #: 003 Date Sampled: 11/15/97 08:23 Date Received: 11/19/97 Matrix: SOLID				
Volatile Organics by GC/MS				Reviewed
Chloromethane	ND	11	ug/kg	SW846 8260A
Bromomethane	ND	11	ug/kg	SW846 8260A
Vinyl chloride	ND	11	ug/kg	SW846 8260A
Chloroethane	ND	11	ug/kg	SW846 8260A
Methylene chloride	ND	5.7	ug/kg	SW846 8260A
Acetone	ND	23	ug/kg	SW846 8260A
Carbon disulfide	ND	5.7	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.7	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.7	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	5.7	ug/kg	SW846 8260A
Chloroform	ND	5.7	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.7	ug/kg	SW846 8260A
2-Butanone	ND	23	ug/kg	SW846 8260A
1,1,1-Trichloroethane	21	5.7	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.7	ug/kg	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001 RFA #YGQP9700228-T

Lot #: A7K200127 Date Reported: 12/04/97

Client Sample ID: PZ-13D 30-32 PZ-13I
Sample #: 003 Date Sampled: 11/15/97 08:23 Date Received: 11/19/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by GC/MS				Reviewed
Bromodichloromethane	ND	5.7	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.7	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.7	ug/kg	SW846 8260A
Trichloroethene	47	5.7	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.7	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.7	ug/kg	SW846 8260A
Benzene	ND	5.7	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.7	ug/kg	SW846 8260A
Bromoform	ND	5.7	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	23	ug/kg	SW846 8260A
2-Hexanone	ND	23	ug/kg	SW846 8260A
Tetrachloroethene	45	5.7	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg	SW846 8260A
Toluene	ND	5.7	ug/kg	SW846 8260A
Chlorobenzene	ND	5.7	ug/kg	SW846 8260A
Ethylbenzene	ND	5.7	ug/kg	SW846 8260A
Styrene	ND	5.7	ug/kg	SW846 8260A
Xylenes (total)	ND	5.7	ug/kg	SW846 8260A

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis				Reviewed
Total Residue as Percent Solids	88.1	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

PZ13I-E Renamed 12/12/97

Client Sample ID: ~~PZ13D-E~~
Sample #: 004 Date Sampled: 11/15/97 10:35 Date Received: 11/19/97 Matrix: WATER

Volatile Organics by GC/MS				Reviewed
Chloromethane	ND	2.0	ug/L	SW846 8260A
Bromomethane	ND	2.0	ug/L	SW846 8260A
Vinyl chloride	ND	1.0	ug/L	SW846 8260A
Chloroethane	ND	2.0	ug/L	SW846 8260A
Methylene chloride	ND	1.0	ug/L	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001 RFA #YGQP9700228-T

Lot #: A7K200127 Date Reported: 12/04/97

Client Sample ID: ~~PZ13D-E~~ PZ13I-E
Sample #: 004 Date Sampled: 11/15/97 10:35 Date Received: 11/19/97 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Acetone	ND	10	ug/L	SW846 8260A	
Carbon disulfide	ND	1.0	ug/L	SW846 8260A	
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A	
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A	
1,2-Dichloroethene (total)	ND	1.0	ug/L	SW846 8260A	
Chloroform	ND	1.0	ug/L	SW846 8260A	
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A	
2-Butanone	ND	10	ug/L	SW846 8260A	
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A	
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A	
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A	
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A	
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A	
Trichloroethene	ND	1.0	ug/L	SW846 8260A	
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A	
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A	
Benzene	ND	1.0	ug/L	SW846 8260A	
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A	
Bromoform	ND	1.0	ug/L	SW846 8260A	
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A	
2-Hexanone	ND	10	ug/L	SW846 8260A	
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A	
Toluene	ND	1.0	ug/L	SW846 8260A	
Chlorobenzene	ND	1.0	ug/L	SW846 8260A	
Ethylbenzene	ND	1.0	ug/L	SW846 8260A	
Styrene	ND	1.0	ug/L	SW846 8260A	
Xylenes (total)	ND	1.0	ug/L	SW846 8260A	

Client Sample ID: PZ-16D 20-22
Sample #: 005 Date Sampled: 11/15/97 12:15 Date Received: 11/19/97 Matrix: SOLID

Volatile Organics by GC/MS					Reviewed
Chloromethane	ND	3400	ug/kg	SW846 8260A	
Bromomethane	ND	3400	ug/kg	SW846 8260A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001 REA #YGQP9700228-T

Lot #: A7K200127 Date Reported: 12/04/97

Client Sample ID: PZ-16D 20-22
Sample #: 005 Date Sampled: 11/15/97 12:15 Date Received: 11/19/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	Reviewed
Volatile Organics by GC/MS					
Vinyl chloride	ND	3400	ug/kg	SW846 8260A	
Chloroethane	ND	3400	ug/kg	SW846 8260A	
Methylene chloride	ND	1700	ug/kg	SW846 8260A	
Acetone	ND	6900	ug/kg	SW846 8260A	
Carbon disulfide	ND	1700	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	1700	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	1700	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	3200	1700	ug/kg	SW846 8260A	
Chloroform	ND	1700	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	1700	ug/kg	SW846 8260A	
2-Butanone	ND	6900	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	7900	1700	ug/kg	SW846 8260A	
Carbon tetrachloride	ND	1700	ug/kg	SW846 8260A	
Bromodichloromethane	ND	1700	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	1700	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	1700	ug/kg	SW846 8260A	
Trichloroethene	8500	1700	ug/kg	SW846 8260A	
Dibromochloromethane	ND	1700	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	1700	ug/kg	SW846 8260A	
Benzene	ND	1700	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	1700	ug/kg	SW846 8260A	
Bromoform	ND	1700	ug/kg	SW846 8260A	
4-Methyl-2-pentanone	ND	6900	ug/kg	SW846 8260A	
2-Hexanone	ND	6900	ug/kg	SW846 8260A	
Tetrachloroethene	61000	1700	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	1700	ug/kg	SW846 8260A	
Toluene	ND	1700	ug/kg	SW846 8260A	
Chlorobenzene	ND	1700	ug/kg	SW846 8260A	
Ethylbenzene	ND	1700	ug/kg	SW846 8260A	
Styrene	ND	1700	ug/kg	SW846 8260A	
Xylenes (total)	ND	1700	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001 RFA #YGQP9700228-T

Lot #: A7K200127 Date Reported: 12/04/97

Client Sample ID: PZ-16D 20-22
Sample #: 005 Date Sampled: 11/15/97 12:15 Date Received: 11/19/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Inorganic Analysis				Reviewed
Total Residue as Percent Solids	91.2	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: PZ-16D 20-22 DUP
Sample #: 006 Date Sampled: 11/15/97 12:15 Date Received: 11/19/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by GC/MS				Reviewed
Chloromethane	ND	1300	ug/kg	SW846 8260A
Bromomethane	ND	1300	ug/kg	SW846 8260A
Vinyl chloride	ND	1300	ug/kg	SW846 8260A
Chloroethane	ND	1300	ug/kg	SW846 8260A
Methylene chloride	ND	670	ug/kg	SW846 8260A
Acetone	ND	2700	ug/kg	SW846 8260A
Carbon disulfide	ND	670	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	670	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	670	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	680	670	ug/kg	SW846 8260A
Chloroform	ND	670	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	670	ug/kg	SW846 8260A
2-Butanone	ND	2700	ug/kg	SW846 8260A
1,1,1-Trichloroethane	2100	670	ug/kg	SW846 8260A
Carbon tetrachloride	ND	670	ug/kg	SW846 8260A
Bromodichloromethane	ND	670	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	670	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	670	ug/kg	SW846 8260A
Trichloroethene	2900	670	ug/kg	SW846 8260A
Dibromochloromethane	ND	670	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	670	ug/kg	SW846 8260A
Benzene	ND	670	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	670	ug/kg	SW846 8260A
Bromoform	ND	670	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	2700	ug/kg	SW846 8260A
2-Hexanone	ND	2700	ug/kg	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001 RFA #YGQP9700228-T

Lot #: A7K200127 Date Reported: 12/04/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Client Sample ID: PZ-16D 20-22 DUP				
Sample #: 006 Date Sampled: 11/15/97 12:15 Date Received: 11/19/97 Matrix: SOLID				
Volatile Organics by GC/MS				Reviewed
Tetrachloroethene	26000	670	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	670	ug/kg	SW846 8260A
Toluene	ND	670	ug/kg	SW846 8260A
Chlorobenzene	ND	670	ug/kg	SW846 8260A
Ethylbenzene	ND	670	ug/kg	SW846 8260A
Styrene	ND	670	ug/kg	SW846 8260A
Xylenes (total)	ND	670	ug/kg	SW846 8260A
Results and reporting limits have been adjusted for dry weight.				
Inorganic Analysis				Reviewed
Total Residue as Percent Solids	93.0	0.10	%	MCAWW 160.3 MOD
Results and reporting limits have been adjusted for dry weight.				
Client Sample ID: PZ-16D 40-42				
Sample #: 007 Date Sampled: 11/15/97 13:00 Date Received: 11/19/97 Matrix: SOLID				
Volatile Organics by GC/MS				Reviewed
Chloromethane	ND	1400	ug/kg	SW846 8260A
Bromomethane	ND	1400	ug/kg	SW846 8260A
Vinyl chloride	ND	1400	ug/kg	SW846 8260A
Chloroethane	ND	1400	ug/kg	SW846 8260A
Methylene chloride	ND	720	ug/kg	SW846 8260A
Acetone	ND	2900	ug/kg	SW846 8260A
Carbon disulfide	ND	720	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	720	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	720	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	720	ug/kg	SW846 8260A
Chloroform	ND	720	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	720	ug/kg	SW846 8260A
2-Butanone	ND	2900	ug/kg	SW846 8260A
1,1,1-Trichloroethane	2400	720	ug/kg	SW846 8260A
Carbon tetrachloride	ND	720	ug/kg	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001 RFA #YGQP9700228-T

Lot #: A7K200127 Date Reported: 12/04/97

Client Sample ID: PZ-16D 40-42
Sample #: 007 Date Sampled: 11/15/97 13:00 Date Received: 11/19/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Bromodichloromethane	ND	720	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	720	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	720	ug/kg	SW846 8260A	
Trichloroethene	1200	720	ug/kg	SW846 8260A	
Dibromochloromethane	ND	720	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	720	ug/kg	SW846 8260A	
Benzene	ND	720	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	720	ug/kg	SW846 8260A	
Bromoform	ND	720	ug/kg	SW846 8260A	
4-Methyl-2-pentanone	ND	2900	ug/kg	SW846 8260A	
2-Hexanone	ND	2900	ug/kg	SW846 8260A	
Tetrachloroethene	16000	720	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	720	ug/kg	SW846 8260A	
Toluene	ND	720	ug/kg	SW846 8260A	
Chlorobenzene	ND	720	ug/kg	SW846 8260A	
Ethylbenzene	ND	720	ug/kg	SW846 8260A	
Styrene	ND	720	ug/kg	SW846 8260A	
Xylenes (total)	ND	720	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis					Reviewed
Total Residue as Percent Solids	87.2	0.10	%	MCAWW 160.3 MOD	

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: PZ-8D 35-37
Sample #: 008 Date Sampled: 11/17/97 10:02 Date Received: 11/19/97 Matrix: SOLID

Volatile Organics by GC/MS					Reviewed
Chloromethane	ND	1400	ug/kg	SW846 8260A	
Bromomethane	ND	1400	ug/kg	SW846 8260A	
Vinyl chloride	ND	1400	ug/kg	SW846 8260A	
Chloroethane	ND	1400	ug/kg	SW846 8260A	
Methylene chloride	ND	690	ug/kg	SW846 8260A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001 RFA #YGQP9700228-T

Lot #: A7K200127 Date Reported: 12/04/97

Client Sample ID: PZ-8D 35-37
Sample #: 008 Date Sampled: 11/17/97 10:02 Date Received: 11/19/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Acetone	ND	2800	ug/kg	SW846 8260A	
Carbon disulfide	ND	690	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	690	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	690	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	ND	690	ug/kg	SW846 8260A	
Chloroform	ND	690	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	690	ug/kg	SW846 8260A	
2-Butanone	ND	2800	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	740	690	ug/kg	SW846 8260A	
Carbon tetrachloride	ND	690	ug/kg	SW846 8260A	
Bromodichloromethane	ND	690	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	690	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	690	ug/kg	SW846 8260A	
Trichloroethene	26000	690	ug/kg	SW846 8260A	
Dibromochloromethane	ND	690	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	690	ug/kg	SW846 8260A	
Benzene	ND	690	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	690	ug/kg	SW846 8260A	
Bromoform	ND	690	ug/kg	SW846 8260A	
4-Methyl-2-pentanone	ND	2800	ug/kg	SW846 8260A	
2-Hexanone	ND	2800	ug/kg	SW846 8260A	
Tetrachloroethene	1100	690	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	690	ug/kg	SW846 8260A	
Toluene	ND	690	ug/kg	SW846 8260A	
Chlorobenzene	ND	690	ug/kg	SW846 8260A	
Ethylbenzene	ND	690	ug/kg	SW846 8260A	
Styrene	ND	690	ug/kg	SW846 8260A	
Xylenes (total)	ND	690	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis					Reviewed
Total Residue as Percent Solids	90.5	0.10	%	MCAWW 160.3 MOD	

Results and reporting limits have been adjusted for dry weight.

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001 RFA #YGQP9700228-T

Lot #: A7K200127 Date Reported: 12/04/97

Client Sample ID: PZ12D-E
Sample #: 009 Date Sampled: 11/18/97 09:00 Date Received: 11/19/97 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Chloromethane	ND	2.0	ug/L	SW846 8260A	
Bromomethane	ND	2.0	ug/L	SW846 8260A	
Vinyl chloride	ND	1.0	ug/L	SW846 8260A	
Chloroethane	ND	2.0	ug/L	SW846 8260A	
Methylene chloride	ND	1.0	ug/L	SW846 8260A	
Acetone	ND	10	ug/L	SW846 8260A	
Carbon disulfide	ND	1.0	ug/L	SW846 8260A	
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A	
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A	
1,2-Dichloroethene (total)	ND	1.0	ug/L	SW846 8260A	
Chloroform	ND	1.0	ug/L	SW846 8260A	
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A	
2-Butanone	ND	10	ug/L	SW846 8260A	
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A	
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A	
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A	
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A	
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A	
Trichloroethene	ND	1.0	ug/L	SW846 8260A	
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A	
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A	
Benzene	ND	1.0	ug/L	SW846 8260A	
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A	
Bromoform	ND	1.0	ug/L	SW846 8260A	
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A	
2-Hexanone	ND	10	ug/L	SW846 8260A	
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A	
Toluene	ND	1.0	ug/L	SW846 8260A	
Chlorobenzene	ND	1.0	ug/L	SW846 8260A	
Ethylbenzene	ND	1.0	ug/L	SW846 8260A	
Styrene	ND	1.0	ug/L	SW846 8260A	
Xylenes (total)	ND	1.0	ug/L	SW846 8260A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001 RFA #YGQP9700228-T

Lot #: A7K200127 Date Reported: 12/04/97

Client Sample ID: PZ-12D 20-22
Sample #: 010 Date Sampled: 11/18/97 09:10 Date Received: 11/19/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	Reviewed
Volatile Organics by GC/MS					
Chloromethane	ND	10	ug/kg	SW846 8260A	
Bromomethane	ND	10	ug/kg	SW846 8260A	
Vinyl chloride	ND	10	ug/kg	SW846 8260A	
Chloroethane	ND	10	ug/kg	SW846 8260A	
Methylene chloride	ND	5.2	ug/kg	SW846 8260A	
Acetone	ND	21	ug/kg	SW846 8260A	
Carbon disulfide	ND	5.2	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	5.2	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	5.2	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.2	ug/kg	SW846 8260A	
Chloroform	ND	5.2	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	5.2	ug/kg	SW846 8260A	
2-Butanone	ND	21	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	5.2	ug/kg	SW846 8260A	
Carbon tetrachloride	ND	5.2	ug/kg	SW846 8260A	
Bromodichloromethane	ND	5.2	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	5.2	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A	
Trichloroethene	ND	5.2	ug/kg	SW846 8260A	
Dibromochloromethane	ND	5.2	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	5.2	ug/kg	SW846 8260A	
Benzene	ND	5.2	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A	
Bromoform	ND	5.2	ug/kg	SW846 8260A	
4-Methyl-2-pentanone	ND	21	ug/kg	SW846 8260A	
2-Hexanone	ND	21	ug/kg	SW846 8260A	
Tetrachloroethene	ND	5.2	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg	SW846 8260A	
Toluene	ND	5.2	ug/kg	SW846 8260A	
Chlorobenzene	ND	5.2	ug/kg	SW846 8260A	
Ethylbenzene	ND	5.2	ug/kg	SW846 8260A	
Styrene	ND	5.2	ug/kg	SW846 8260A	
Xylenes (total)	ND	5.2	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001 REA #YGQP9700228-T

Lot #: A7K200127 Date Reported: 12/04/97

Client Sample ID: PZ-12D 20-22
Sample #: 010 Date Sampled: 11/18/97 09:10 Date Received: 11/19/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Inorganic Analysis				Reviewed
Total Residue as Percent Solids	96.9	0.10	%	NCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: PZ-12D 40-42
Sample #: 011 Date Sampled: 11/18/97 09:50 Date Received: 11/19/97 Matrix: SOLID

Sample 12 on C-o-C etc...

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by GC/MS				Reviewed
Chloromethane	ND	11	ug/kg	SW846 8260A
Bromomethane	ND	11	ug/kg	SW846 8260A
Vinyl chloride	ND	11	ug/kg	SW846 8260A
Chloroethane	ND	11	ug/kg	SW846 8260A
Methylene chloride	ND	5.6	ug/kg	SW846 8260A
Acetone	ND	22	ug/kg	SW846 8260A
Carbon disulfide	ND	5.6	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.6	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.6	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	5.6	ug/kg	SW846 8260A
Chloroform	ND	5.6	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.6	ug/kg	SW846 8260A
2-Butanone	ND	22	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.6	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.6	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.6	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.6	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.6	ug/kg	SW846 8260A
Trichloroethene	60	5.6	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.6	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.6	ug/kg	SW846 8260A
Benzene	ND	5.6	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.6	ug/kg	SW846 8260A
Bromoform	ND	5.6	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	22	ug/kg	SW846 8260A
2-Hexanone	ND	22	ug/kg	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001 REA #YGQF9700228-T

Lot #: A7K200127 Date Reported: 12/04/97

Client Sample ID: PZ-12D 40-42
Sample #: 011 Date Sampled: 11/18/97 09:50 Date Received: 11/19/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Tetrachloroethene	ND	5.6	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.6	ug/kg	SW846 8260A	
Toluene	ND	5.6	ug/kg	SW846 8260A	
Chlorobenzene	ND	5.6	ug/kg	SW846 8260A	
Ethylbenzene	ND	5.6	ug/kg	SW846 8260A	
Styrene	ND	5.6	ug/kg	SW846 8260A	
Xylenes (total)	ND	5.6	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis					Reviewed
Total Residue as Percent Solids	89.6	0.10	%	MCAWW 160.3 MOD	

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: PZ-12D 55-57
Sample #: 012 Date Sampled: 11/18/97 10:55 Date Received: 11/19/97 Matrix: SOLID

Volatile Organics by GC/MS					Reviewed
Chloromethane	ND	11	ug/kg	SW846 8260A	
Bromomethane	ND	11	ug/kg	SW846 8260A	
Vinyl chloride	ND	11	ug/kg	SW846 8260A	
Chloroethane	ND	11	ug/kg	SW846 8260A	
Methylene chloride	ND	5.5	ug/kg	SW846 8260A	
Acetone	ND	22	ug/kg	SW846 8260A	
Carbon disulfide	ND	5.5	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	5.5	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	5.5	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.5	ug/kg	SW846 8260A	
Chloroform	ND	5.5	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	5.5	ug/kg	SW846 8260A	
2-Butanone	ND	22	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	5.5	ug/kg	SW846 8260A	
Carbon tetrachloride	ND	5.5	ug/kg	SW846 8260A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001 RFA #YGQP9700228-T

Lot #: A7K200127 Date Reported: 12/04/97

Client Sample ID: PZ-12D 55-57
Sample #: 012 Date Sampled: 11/18/97 10:55 Date Received: 11/19/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Bromodichloromethane	ND	5.5	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	5.5	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.5	ug/kg	SW846 8260A	
Trichloroethene	45	5.5	ug/kg	SW846 8260A	
Dibromochloromethane	ND	5.5	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	5.5	ug/kg	SW846 8260A	
Benzene	ND	5.5	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.5	ug/kg	SW846 8260A	
Bromoform	ND	5.5	ug/kg	SW846 8260A	
4-Methyl-2-pentanone	ND	22	ug/kg	SW846 8260A	
2-Hexanone	ND	22	ug/kg	SW846 8260A	
Tetrachloroethene	ND	5.5	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.5	ug/kg	SW846 8260A	
Toluene	ND	5.5	ug/kg	SW846 8260A	
Chlorobenzene	ND	5.5	ug/kg	SW846 8260A	
Ethylbenzene	ND	5.5	ug/kg	SW846 8260A	
Styrene	ND	5.5	ug/kg	SW846 8260A	
Xylenes (total)	ND	5.5	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis					Reviewed
Total Residue as Percent Solids	90.2	0.10	%	MCAWW 160.3 MOD	

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: PZ-12D 85-87
Sample #: 013 Date Sampled: 11/18/97 14:00 Date Received: 11/19/97 Matrix: SOLID

Volatile Organics by GC/MS					Reviewed
Chloromethane	ND	11	ug/kg	SW846 8260A	
Bromomethane	ND	11	ug/kg	SW846 8260A	
Vinyl chloride	ND	11	ug/kg	SW846 8260A	
Chloroethane	ND	11	ug/kg	SW846 8260A	
Methylene chloride	ND	5.7	ug/kg	SW846 8260A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

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Compuchem Environmental
DAYTON THERMAL
Project Number: SC001 REF. #YGQP9700228-T

Lot #: A7K200127 Date Reported: 12/04/97

Client Sample ID: PZ-12D 85-87
Sample #: 013 Date Sampled: 11/18/97 14:00 Date Received: 11/19/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Acetone	ND	23	ug/kg	SW846 8260A	
Carbon disulfide	ND	5.7	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	5.7	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	5.7	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.7	ug/kg	SW846 8260A	
Chloroform	ND	5.7	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	5.7	ug/kg	SW846 8260A	
2-Butanone	ND	23	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	5.7	ug/kg	SW846 8260A	
Carbon tetrachloride	ND	5.7	ug/kg	SW846 8260A	
Bromodichloromethane	ND	5.7	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	5.7	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.7	ug/kg	SW846 8260A	
Trichloroethene	ND	5.7	ug/kg	SW846 8260A	
Dibromochloromethane	ND	5.7	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	5.7	ug/kg	SW846 8260A	
Benzene	ND	5.7	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.7	ug/kg	SW846 8260A	
Bromoform	ND	5.7	ug/kg	SW846 8260A	
4-Methyl-2-pentanone	ND	23	ug/kg	SW846 8260A	
2-Hexanone	ND	23	ug/kg	SW846 8260A	
Tetrachloroethene	ND	5.7	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg	SW846 8260A	
Toluene	ND	5.7	ug/kg	SW846 8260A	
Chlorobenzene	ND	5.7	ug/kg	SW846 8260A	
Ethylbenzene	ND	5.7	ug/kg	SW846 8260A	
Styrene	ND	5.7	ug/kg	SW846 8260A	
Xylenes (total)	ND	5.7	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.
Surrogates outside acceptance criteria due to demonstrated matrix effect.

Inorganic Analysis					Reviewed
Total Residue as Percent Solids	88.3	0.10	%	MCAWW 160.3 MOD	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001 RFA #YGQP9700228-T

Lot #: A7K200127 Date Reported: 12/04/97

Client Sample ID: PZ-12D 85-87
Sample #: 013 Date Sampled: 11/18/97 14:00 Date Received: 11/19/97 Matrix: SOLID

Inorganic Analysis — Reviewed

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: T-111897
Sample #: 014 Date Sampled: 11/18/97 14:00 Date Received: 11/19/97 Matrix: WATER

Volatile Organics by GC/MS — Reviewed

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Chloromethane	ND	2.0	ug/L	SW846 8260A
Bromomethane	ND	2.0	ug/L	SW846 8260A
Vinyl chloride	ND	1.0	ug/L	SW846 8260A
Chloroethane	ND	2.0	ug/L	SW846 8260A
Methylene chloride	ND	1.0	ug/L	SW846 8260A
Acetone	ND	10	ug/L	SW846 8260A
Carbon disulfide	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethene (total)	ND	1.0	ug/L	SW846 8260A
Chloroform	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A
2-Butanone	ND	10	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Trichloroethene	ND	1.0	ug/L	SW846 8260A
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Benzene	ND	1.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Bromoform	ND	1.0	ug/L	SW846 8260A
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A
2-Hexanone	ND	10	ug/L	SW846 8260A
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001 RFA #YGQP9700228-T

Lot #: A7K200127 Date Reported: 12/04/97

Client Sample ID: T-111897
Sample #: 014 Date Sampled: 11/18/97 14:00 Date Received: 11/19/97 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Toluene	ND	1.0	ug/L	SW846 8260A	
Chlorobenzene	ND	1.0	ug/L	SW846 8260A	
Ethylbenzene	ND	1.0	ug/L	SW846 8260A	
Styrene	ND	1.0	ug/L	SW846 8260A	
Xylenes (total)	ND	1.0	ug/L	SW846 8260A	

COMPUCHEM
a division of Liberty Analytical Corp.

Missing
PZ-10I 30-32'
Two PZ-15 30-32' D-P
One sample not labelled

FAX COVER SHEET

Date: 12·15·97

To: Ken Vogel
LBG

Fax: (212·490·1006

From: Marlene Swift
Drilling-Soil

Phone: 919.379.4013
Fax: 919.379.4040

RE: Results for RFA228.

Number of pages including cover sheet 14

Message:

Marlene Swift

501 Madison Avenue, Cary, NC 27513, Tel: 919.379.4100, Fax: 919.379.4050

Quanterra
Environmental Services

Date: 12/12/97
Time: 20:02:20
(Mountain Time)

From: Jeff Smith
Quanterra Inc.
4101 Shuffel Drive NW
North Canton, OH 44720

voice: 330-497-9396
fax: 330-497-0772

To: Cathy Dover
Compuchem Environmental

919-3794050

Number of Pages
Including Cover Sheet: 14

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Quote Number :21677
Project Number :YGQP9100228-T
Project Name/Site :DAYTON THERMAL

This is an automated feature provided by Quanterra Environmental Services.

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: VGQF9100228-T

Lot #: A7K250157 Date Reported: 12/12/97

Client Sample ID: PZ-22I 40-42'
Sample #: 001 Date Sampled: 11/21/97 08:15 Date Received: 11/25/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Chloromethane	ND	11	ug/kg	SW846 8260A	
Bromomethane	ND	11	ug/kg	SW846 8260A	
Vinyl chloride	ND	11	ug/kg	SW846 8260A	
Chloroethane	ND	11	ug/kg	SW846 8260A	
Methylene chloride	ND	5.3	ug/kg	SW846 8260A	
Acetone	ND	21	ug/kg	SW846 8260A	
Carbon disulfide	ND	5.3	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	5.3	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	5.3	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.3	ug/kg	SW846 8260A	
Chloroform	ND	5.3	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	5.3	ug/kg	SW846 8260A	
2-Butanone	ND	21	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	5.3	ug/kg	SW846 8260A	
Carbon tetrachloride	ND	5.3	ug/kg	SW846 8260A	
Bromodichloromethane	ND	5.3	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	5.3	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.3	ug/kg	SW846 8260A	
Trichloroethene	ND	5.3	ug/kg	SW846 8260A	
Dibromochloromethane	ND	5.3	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	5.3	ug/kg	SW846 8260A	
Benzene	ND	5.3	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.3	ug/kg	SW846 8260A	
Bromoform	ND	5.3	ug/kg	SW846 8260A	
4-Methyl-2-pentanone	ND	21	ug/kg	SW846 8260A	
2-Hexanone	ND	21	ug/kg	SW846 8260A	
Tetrachloroethene	ND	5.3	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.3	ug/kg	SW846 8260A	
Toluene	ND	5.3	ug/kg	SW846 8260A	
Chlorobenzene	ND	5.3	ug/kg	SW846 8260A	
Ethylbenzene	ND	5.3	ug/kg	SW846 8260A	
Styrene	ND	5.3	ug/kg	SW846 8260A	
Xylenes (total)	ND	5.3	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

Surrogates outside acceptance criteria due to demonstrated matrix effect.

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: YGQP9100228-T

Lot #: A7K250157 Date Reported: 12/12/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Client Sample ID: PZ-22I 40-42'				
Sample #: 001 Date Sampled: 11/21/97 08:15 Date Received: 11/25/97 Matrix: SOLID				
Inorganic Analysis				Reviewed
Total Residue as Percent Solids	94.3	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: PZ15I-E				
Sample #: 002 Date Sampled: 11/22/97 08:05 Date Received: 11/25/97 Matrix: WATER				
Volatile Organics by GC/MS				Reviewed
Chloromethane	ND	2.0	ug/L	SW846 8260A
Bromomethane	ND	2.0	ug/L	SW846 8260A
Vinyl chloride	ND	1.0	ug/L	SW846 8260A
Chloroethane	ND	2.0	ug/L	SW846 8260A
Methylene chloride	ND	1.0	ug/L	SW846 8260A
Acetone	ND	10	ug/L	SW846 8260A
Carbon disulfide	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethene (total)	ND	1.0	ug/L	SW846 8260A
Chloroform	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A
2-Butanone	ND	10	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Trichloroethene	ND	1.0	ug/L	SW846 8260A
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Benzene	ND	1.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Bromoform	ND	1.0	ug/L	SW846 8260A
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A
2-Hexanone	ND	10	ug/L	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: YGQF9100228-T

Lot #: A7KZ50157 Date Reported: 12/12/97

Client Sample ID: PZ15I-E
Sample #: 002 Date Sampled: 11/22/97 08:05 Date Received: 11/25/97 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by GC/MS				Reviewed
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A
Toluene	ND	1.0	ug/L	SW846 8260A
Chlorobenzene	ND	1.0	ug/L	SW846 8260A
Ethylbenzene	ND	1.0	ug/L	SW846 8260A
Styrene	ND	1.0	ug/L	SW846 8260A
Xylenes (total)	ND	1.0	ug/L	SW846 8260A

Client Sample ID: PZ-15I 30-32'
Sample #: 003 Date Sampled: 11/22/97 08:25 Date Received: 11/25/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by GC/MS				Reviewed
Chloromethane	ND	11	ug/kg	SW846 8260A
Bromomethane	ND	11	ug/kg	SW846 8260A
Vinyl chloride	ND	11	ug/kg	SW846 8260A
Chloroethane	ND	11	ug/kg	SW846 8260A
Methylene chloride	ND	5.5	ug/kg	SW846 8260A
Acetone	ND	22	ug/kg	SW846 8260A
Carbon disulfide	ND	5.5	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.5	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.5	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	5.5	ug/kg	SW846 8260A
Chloroform	ND	5.5	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.5	ug/kg	SW846 8260A
2-Butanone	ND	22	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.5	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.5	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.5	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.5	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.5	ug/kg	SW846 8260A
Trichloroethene	ND	5.5	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.5	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.5	ug/kg	SW846 8260A
Benzene	ND	5.5	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.5	ug/kg	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: YGOP9100228-T

Lot #: A7K250157 Date Reported: 12/12/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Client Sample ID: PZ-15I 30-32'					
Sample #: 003 Date Sampled: 11/22/97 08:25 Date Received: 11/25/97 Matrix: SOLID					
Volatile Organics by GC/MS					Reviewed
Bromoform	ND	5.5	ug/kg	SW846 8260A	
4-Methyl-2-pentanone	ND	22	ug/kg	SW846 8260A	
2-Hexanone	ND	22	ug/kg	SW846 8260A	
Tetrachloroethene	ND	5.5	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.5	ug/kg	SW846 8260A	
Toluene	ND	5.5	ug/kg	SW846 8260A	
Chlorobenzene	ND	5.5	ug/kg	SW846 8260A	
Ethylbenzene	ND	5.5	ug/kg	SW846 8260A	
Styrene	ND	5.5	ug/kg	SW846 8260A	
Xylenes (total)	ND	5.5	ug/kg	SW846 8260A	
Results and reporting limits have been adjusted for dry weight.					
Inorganic Analysis					Reviewed
Total Residue as Percent Solids	91.7	0.10	%	MCAWW 160.3 MOD	
Results and reporting limits have been adjusted for dry weight.					
Client Sample ID: PZ-15I 30-32' DUP					
Sample #: 004 Date Sampled: 11/22/97 08:25 Date Received: 11/25/97 Matrix: SOLID					
Volatile Organics by GC/MS					Reviewed
Chloromethane	ND	11	ug/kg	SW846 8260A	
Bromomethane	ND	11	ug/kg	SW846 8260A	
Vinyl chloride	ND	11	ug/kg	SW846 8260A	
Chloroethane	ND	11	ug/kg	SW846 8260A	
Methylene chloride	ND	5.7	ug/kg	SW846 8260A	
Acetone	ND	23	ug/kg	SW846 8260A	
Carbon disulfide	ND	5.7	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	5.7	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	5.7	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.7	ug/kg	SW846 8260A	
Chloroform	ND	5.7	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	5.7	ug/kg	SW846 8260A	

Sample listed again later also
See comments section

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: YGQP9100228-T

Lot #: A7K250157 Date Reported: 12/12/97

Client Sample ID: PZ-15I 30-32' DUP
Sample #: 004 Date Sampled: 11/22/97 08:25 Date Received: 11/25/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
2-Butanone	ND	23	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	5.7	ug/kg	SW846 8260A	
Carbon tetrachloride	ND	5.7	ug/kg	SW846 8260A	
Bromodichloromethane	ND	5.7	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	5.7	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.7	ug/kg	SW846 8260A	
Trichloroethene	ND	5.7	ug/kg	SW846 8260A	
Dibromochloromethane	ND	5.7	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	5.7	ug/kg	SW846 8260A	
Benzene	ND	5.7	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.7	ug/kg	SW846 8260A	
Bromoform	ND	5.7	ug/kg	SW846 8260A	
4-Methyl-2-pentanone	ND	23	ug/kg	SW846 8260A	
2-Hexanone	ND	23	ug/kg	SW846 8260A	
Tetrachloroethene	55	5.7	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg	SW846 8260A	
Toluene	ND	5.7	ug/kg	SW846 8260A	
Chlorobenzene	ND	5.7	ug/kg	SW846 8260A	
Ethylbenzene	ND	5.7	ug/kg	SW846 8260A	
Styrene	ND	5.7	ug/kg	SW846 8260A	
Xylenes (total)	ND	5.7	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

what sample ?

Volatile Organics by GC/MS					Reviewed
Chloromethane	ND	11	ug/L	SW846 8260A	
Bromomethane	ND	11	ug/L	SW846 8260A	
Vinyl chloride	ND	11	ug/L	SW846 8260A	
Chloroethane	ND	11	ug/L	SW846 8260A	
Methylene chloride	ND	5.7	ug/L	SW846 8260A	
Acetone	ND	23	ug/L	SW846 8260A	
Carbon disulfide	ND	5.7	ug/L	SW846 8260A	
1,1-Dichloroethene	ND	5.7	ug/L	SW846 8260A	
1,1-Dichloroethane	ND	5.7	ug/L	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.7	ug/L	SW846 8260A	
Chloroform	ND	5.7	ug/L	SW846 8260A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: YGQP9100228-T

Lot #: A7K250157 Date Reported: 12/12/97

Client Sample ID: PZ-15I 30-32' DUP Soil sample and [illegible]
Sample #: 004 Date Sampled: 11/22/97 08:25 Date Received: 11/25/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by GC/MS				Reviewed
1,2-Dichloroethane	ND	5.7	ug/L	SW846 8260A
2-Butanone	ND	23	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	5.7	ug/L	SW846 8260A
Carbon tetrachloride	ND	5.7	ug/L	SW846 8260A
Bromodichloromethane	ND	5.7	ug/L	SW846 8260A
1,2-Dichloropropane	ND	5.7	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	5.7	ug/L	SW846 8260A
Trichloroethene	ND	5.7	ug/L	SW846 8260A
Dibromochloromethane	ND	5.7	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	5.7	ug/L	SW846 8260A
Benzene	ND	5.7	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	5.7	ug/L	SW846 8260A
Bromoform	ND	5.7	ug/L	SW846 8260A
4-Methyl-2-pentanone	ND	23	ug/L	SW846 8260A
2-Hexanone	ND	23	ug/L	SW846 8260A
Tetrachloroethene	21	5.7	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.7	ug/L	SW846 8260A
Toluene	ND	5.7	ug/L	SW846 8260A
Chlorobenzene	ND	5.7	ug/L	SW846 8260A
Ethylbenzene	ND	5.7	ug/L	SW846 8260A
Styrene	ND	5.7	ug/L	SW846 8260A
Xylenes (total)	ND	5.7	ug/L	SW846 8260A

liquid units equipment blank results given previously also

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis					Reviewed
Total Residue as Percent Solids	87.5	0.10	%	MCAWW 160.3 MOD	

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: MW11S-E
Sample #: 005 Date Sampled: 11/24/97 10:45 Date Received: 11/25/97 Matrix: WATER

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: YGQP9100228-T

Lot #: A7KZ50157 Date Reported: 12/12/97

Client Sample ID: MW11S-E
Sample #: 005 Date Sampled: 11/24/97 10:45 Date Received: 11/25/97 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Chloromethane	ND	2.0	ug/L	SW846 8260A	
Bromomethane	ND	2.0	ug/L	SW846 8260A	
Vinyl chloride	ND	1.0	ug/L	SW846 8260A	
Chloroethane	ND	2.0	ug/L	SW846 8260A	
Methylene chloride	ND	1.0	ug/L	SW846 8260A	
Acetone	ND	10	ug/L	SW846 8260A	
Carbon disulfide	ND	1.0	ug/L	SW846 8260A	
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A	
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A	
1,2-Dichloroethene (total)	ND	1.0	ug/L	SW846 8260A	
Chloroform	ND	1.0	ug/L	SW846 8260A	
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A	
2-Butanone	ND	10	ug/L	SW846 8260A	
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A	
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A	
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A	
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A	
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A	
Trichloroethene	1.7	1.0	ug/L	SW846 8260A	
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A	
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A	
Benzene	ND	1.0	ug/L	SW846 8260A	
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A	
Bromoform	ND	1.0	ug/L	SW846 8260A	
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A	
2-Hexanone	ND	10	ug/L	SW846 8260A	
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A	
Toluene	ND	1.0	ug/L	SW846 8260A	
Chlorobenzene	ND	1.0	ug/L	SW846 8260A	
Ethylbenzene	ND	1.0	ug/L	SW846 8260A	
Styrene	ND	1.0	ug/L	SW846 8260A	
Xylenes (total)	ND	1.0	ug/L	SW846 8260A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: YGQP9100228-T

Lot #: A7K250157 Date Reported: 12/12/97

Client Sample ID: MW-11S 28-30'
Sample #: 006 Date Sampled: 11/24/97 11:19 Date Received: 11/25/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by GC/MS				Reviewed
Chloromethane	ND	12	ug/kg	SW846 8260A
Bromomethane	ND	12	ug/kg	SW846 8260A
Vinyl chloride	ND	12	ug/kg	SW846 8260A
Chloroethane	ND	12	ug/kg	SW846 8260A
Methylene chloride	ND	5.8	ug/kg	SW846 8260A
Acetone	ND	23	ug/kg	SW846 8260A
Carbon disulfide	ND	5.8	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.8	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.8	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	5.8	ug/kg	SW846 8260A
Chloroform	ND	5.8	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.8	ug/kg	SW846 8260A
2-Butanone	ND	23	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.8	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.8	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.8	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.8	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.8	ug/kg	SW846 8260A
Trichloroethene	120	5.8	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.8	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.8	ug/kg	SW846 8260A
Benzene	ND	5.8	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.8	ug/kg	SW846 8260A
Bromoform	ND	5.8	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	23	ug/kg	SW846 8260A
2-Hexanone	ND	23	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.8	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	SW846 8260A
Toluene	ND	5.8	ug/kg	SW846 8260A
Chlorobenzene	ND	5.8	ug/kg	SW846 8260A
Ethylbenzene	ND	5.8	ug/kg	SW846 8260A
Styrene	ND	5.8	ug/kg	SW846 8260A
Xylenes (total)	ND	5.8	ug/kg	SW846 8260A

Results and reporting limits have been adjusted for dry weight.

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: YGQF9100228-T

Lot #: A7K250157 Date Reported: 12/12/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Client Sample ID: MW-11S 28-30'				
Sample #: 006 Date Sampled: 11/24/97 11:19 Date Received: 11/25/97 Matrix: SOLID				
Inorganic Analysis				Reviewed
Total Residue as Percent Solids	86.1	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: PZ-10I 30-32' (MS/MSD)				
Sample #: 007 Date Sampled: 11/24/97 13:00 Date Received: 11/25/97 Matrix: SOLID				
Volatile Organics by GC/MS				Reviewed
Chloromethane	ND	1500	ug/kg	SW846 8260A
Bromomethane	ND	1500	ug/kg	SW846 8260A
Vinyl chloride	ND	1500	ug/kg	SW846 8260A
Chloroethane	ND	1500	ug/kg	SW846 8260A
Methylene chloride	ND	750	ug/kg	SW846 8260A
Acetone	ND	3000	ug/kg	SW846 8260A
Carbon disulfide	ND	750	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	750	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	750	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	750	ug/kg	SW846 8260A
Chloroform	ND	750	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	750	ug/kg	SW846 8260A
2-Butanone	ND	3000	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	750	ug/kg	SW846 8260A
Carbon tetrachloride	ND	750	ug/kg	SW846 8260A
Bromodichloromethane	ND	750	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	750	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	750	ug/kg	SW846 8260A
Trichloroethene	21000	750	ug/kg	SW846 8260A
Dibromochloromethane	ND	750	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	750	ug/kg	SW846 8260A
Benzene	ND	750	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	750	ug/kg	SW846 8260A
Bromoform	ND	750	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	3000	ug/kg	SW846 8260A
2-Hexanone	ND	3000	ug/kg	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Lot #: A7K250157

Compuchem Environmental
DAYTON THERMAL
Project Number: YGQP9100228-T

Date Reported: 12/12/97

Client Sample ID: PZ-10I 30-32' (MS/MSD)
Sample #: 007 Date Sampled: 11/24/97 13:00 Date Received: 11/25/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by GC/MS				Reviewed
Tetrachloroethene	ND	750	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	750	ug/kg	SW846 8260A
Toluene	ND	750	ug/kg	SW846 8260A
Chlorobenzene	ND	750	ug/kg	SW846 8260A
Ethylbenzene	ND	750	ug/kg	SW846 8260A
Styrene	ND	750	ug/kg	SW846 8260A
Xylenes (total)	ND	750	ug/kg	SW846 8260A

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis				Reviewed
Total Residue as Percent Solids	83.8	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: PZ-10I 50-52'
Sample #: 008 Date Sampled: 11/24/97 13:50 Date Received: 11/25/97 Matrix: SOLID

Volatile Organics by GC/MS				Reviewed
Chloromethane	ND	1400	ug/kg	SW846 8260A
Bromomethane	ND	1400	ug/kg	SW846 8260A
Vinyl chloride	ND	1400	ug/kg	SW846 8260A
Chloroethane	ND	1400	ug/kg	SW846 8260A
Methylene chloride	ND	690	ug/kg	SW846 8260A
Acetone	ND	2700	ug/kg	SW846 8260A
Carbon disulfide	ND	690	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	690	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	690	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	690	ug/kg	SW846 8260A
Chloroform	ND	690	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	690	ug/kg	SW846 8260A
2-Butanone	ND	2700	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	690	ug/kg	SW846 8260A
Carbon tetrachloride	ND	690	ug/kg	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: YGQF9100228-T

Lot #: A7KZ50157 Date Reported: 12/12/97

Client Sample ID: PZ-10I 50-52'
Sample #: 008 Date Sampled: 11/24/97 13:50 Date Received: 11/25/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by GC/MS				Reviewed
Bromodichloromethane	ND	690	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	690	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	690	ug/kg	SW846 8260A
Trichloroethene	3100	690	ug/kg	SW846 8260A
Dibromochloromethane	ND	690	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	690	ug/kg	SW846 8260A
Benzene	ND	690	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	690	ug/kg	SW846 8260A
Bromoform	ND	690	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	2700	ug/kg	SW846 8260A
2-Hexanone	ND	2700	ug/kg	SW846 8260A
Tetrachloroethene	ND	690	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	690	ug/kg	SW846 8260A
Toluene	ND	690	ug/kg	SW846 8260A
Chlorobenzene	ND	690	ug/kg	SW846 8260A
Ethylbenzene	ND	690	ug/kg	SW846 8260A
Styrene	ND	690	ug/kg	SW846 8260A
Xylenes (total)	ND	690	ug/kg	SW846 8260A

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis				Reviewed
Total Residue as Percent Solids	91.0	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: PZ-10I 50-52' DUP ✓
Sample #: 009 Date Sampled: 11/24/97 13:50 Date Received: 11/25/97 Matrix: SOLID

Volatile Organics by GC/MS				Reviewed
Chloromethane	ND	1400	ug/kg	SW846 8260A
Bromomethane	ND	1400	ug/kg	SW846 8260A
Vinyl chloride	ND	1400	ug/kg	SW846 8260A
Chloroethane	ND	1400	ug/kg	SW846 8260A
Methylene chloride	ND	700	ug/kg	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Lot #: A7K250157

Compuchem Environmental
DAYTON THERMAL
Project Number: YGQP9100228-T

Date Reported: 12/12/97

Client Sample ID: FZ-10I 50-52' DUP
Sample #: 009 Date Sampled: 11/24/97 13:50 Date Received: 11/25/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by GC/MS				Reviewed
Acetone	ND	2800	ug/kg	SW846 8260A
Carbon disulfide	ND	700	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	700	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	700	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	1400	700	ug/kg	SW846 8260A
Chloroform	ND	700	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	700	ug/kg	SW846 8260A
2-Butanone	ND	2800	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	700	ug/kg	SW846 8260A
Carbon tetrachloride	ND	700	ug/kg	SW846 8260A
Bromodichloromethane	ND	700	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	700	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	700	ug/kg	SW846 8260A
Trichloroethene	13000	700	ug/kg	SW846 8260A
Dibromochloromethane	ND	700	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	700	ug/kg	SW846 8260A
Benzene	ND	700	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	700	ug/kg	SW846 8260A
Bromoform	ND	700	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	2800	ug/kg	SW846 8260A
2-Hexanone	ND	2800	ug/kg	SW846 8260A
Tetrachloroethene	ND	700	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	700	ug/kg	SW846 8260A
Toluene	ND	700	ug/kg	SW846 8260A
Chlorobenzene	ND	700	ug/kg	SW846 8260A
Ethylbenzene	ND	700	ug/kg	SW846 8260A
Styrene	ND	700	ug/kg	SW846 8260A
Xylenes (total)	ND	700	ug/kg	SW846 8260A

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis				Reviewed
Total Residue as Percent Solids	89.0	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: YGQP9100228-T

Lot #: A7K250157 Date Reported: 12/12/97

Client Sample ID: T-112497
Sample #: 010 Date Sampled: 11/24/97 13:50 Date Received: 11/25/97 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Chloromethane	ND	2.0	ug/L	SW846 8260A	
Bromomethane	ND	2.0	ug/L	SW846 8260A	
Vinyl chloride	ND	1.0	ug/L	SW846 8260A	
Chloroethane	ND	2.0	ug/L	SW846 8260A	
Methylene chloride	ND	1.0	ug/L	SW846 8260A	
Acetone	ND	10	ug/L	SW846 8260A	
Carbon disulfide	ND	1.0	ug/L	SW846 8260A	
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A	
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A	
1,2-Dichloroethene (total)	ND	1.0	ug/L	SW846 8260A	
Chloroform	ND	1.0	ug/L	SW846 8260A	
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A	
2-Butanone	ND	10	ug/L	SW846 8260A	
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A	
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A	
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A	
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A	
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A	
Trichloroethene	ND	1.0	ug/L	SW846 8260A	
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A	
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A	
Benzene	ND	1.0	ug/L	SW846 8260A	
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A	
Bromoform	ND	1.0	ug/L	SW846 8260A	
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A	
2-Hexanone	ND	10	ug/L	SW846 8260A	
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A	
Toluene	ND	1.0	ug/L	SW846 8260A	
Chlorobenzene	ND	1.0	ug/L	SW846 8260A	
Ethylbenzene	ND	1.0	ug/L	SW846 8260A	
Styrene	ND	1.0	ug/L	SW846 8260A	
Xylenes (total)	ND	1.0	ug/L	SW846 8260A	

Preliminary Results
Entered by MVS 12/9/97

Quanterra
Environmental Services

Date: 12/09/97
Time: 09:04:59
(Mountain Time)

From: Rebecca Strait
Quanterra Inc.
4101 Shuffel Drive NW
North Canton, OH 44720

voice: 330-497-9396
fax: 330-497-0772

To: Mike Bratrud
LBG

612-4901006

Number of Pages
Including Cover Sheet: 13

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Quote Number: 021677
Project Number: SC001 RFA 97-228-T Drilling - Soil
Project Name/Site: DAYTON THERMAL

Please note: Results are preliminary data -- have not been through 2nd level review in the laboratory. Final results will be "auto-faxed" to Compuchem as soon as they are reviewed.

If you have questions, please call Jeff Smith @ 330-966-7290.

Regards.

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001

Lot #: A7K210187 Date Reported: 12/09/97

Client Sample ID: SP-0001
Sample #: 001 Date Sampled: 11/19/97 09:25 Date Received: 11/21/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by GC/MS				In Review
Chloromethane	ND	11	ug/kg	SW846 8260A
Bromomethane	ND	11	ug/kg	SW846 8260A
Vinyl chloride	ND	11	ug/kg	SW846 8260A
Chloroethane	ND	11	ug/kg	SW846 8260A
Methylene chloride	ND	5.7	ug/kg	SW846 8260A
Acetone	ND	23	ug/kg	SW846 8260A
Carbon disulfide	ND	5.7	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.7	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.7	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	5.7	ug/kg	SW846 8260A
Chloroform	ND	5.7	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.7	ug/kg	SW846 8260A
2-Butanone	ND	23	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.7	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.7	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.7	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.7	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.7	ug/kg	SW846 8260A
Trichloroethene	ND	5.7	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.7	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.7	ug/kg	SW846 8260A
Benzene	ND	5.7	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.7	ug/kg	SW846 8260A
Bromoform	ND	5.7	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	23	ug/kg	SW846 8260A
2-Hexanone	ND	23	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.7	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg	SW846 8260A
Toluene	ND	5.7	ug/kg	SW846 8260A
Chlorobenzene	ND	5.7	ug/kg	SW846 8260A
Ethylbenzene	ND	5.7	ug/kg	SW846 8260A
Styrene	ND	5.7	ug/kg	SW846 8260A
Xylenes (total)	ND	5.7	ug/kg	SW846 8260A

Results and reporting limits have been adjusted for dry weight.

Surrogates outside acceptance criteria due to demonstrated matrix effect.

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001

Lot #: A7K210187 Date Reported: 12/09/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Client Sample ID: SP-0001				
Sample #: 001 Date Sampled: 11/19/97 09:25 Date Received: 11/21/97 Matrix: SOLID				
Inorganic Analysis				Reviewed
Total Residue as Percent Solids	87.7	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: SP-0002
Sample #: 002 Date Sampled: 11/19/97 09:30 Date Received: 11/21/97 Matrix: SOLID

Volatile Organics by GC/MS				In Review
Chloromethane	ND	12	ug/kg	SW846 8260A
Bromomethane	ND	12	ug/kg	SW846 8260A
Vinyl chloride	ND	12	ug/kg	SW846 8260A
Chloroethane	ND	12	ug/kg	SW846 8260A
Methylene chloride	ND	6.2	ug/kg	SW846 8260A
Acetone	ND	25	ug/kg	SW846 8260A
Carbon disulfide	ND	6.2	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	6.2	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	6.2	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	6.2	ug/kg	SW846 8260A
Chloroform	ND	6.2	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	6.2	ug/kg	SW846 8260A
2-Butanone	ND	25	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	6.2	ug/kg	SW846 8260A
Carbon tetrachloride	ND	6.2	ug/kg	SW846 8260A
Bromodichloromethane	ND	6.2	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	6.2	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	6.2	ug/kg	SW846 8260A
Trichloroethene	ND	6.2	ug/kg	SW846 8260A
Dibromochloromethane	ND	6.2	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	6.2	ug/kg	SW846 8260A
Benzene	ND	6.2	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	6.2	ug/kg	SW846 8260A
Bromoform	ND	6.2	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260A
2-Hexanone	ND	25	ug/kg	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001

Lot #: A7K210187 Date Reported: 12/09/97

Client Sample ID: SP-0002
Sample #: 002 Date Sampled: 11/19/97 09:30 Date Received: 11/21/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					In Review
Tetrachloroethene	ND	6.2	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	6.2	ug/kg	SW846 8260A	
Toluene	ND	6.2	ug/kg	SW846 8260A	
Chlorobenzene	ND	6.2	ug/kg	SW846 8260A	
Ethylbenzene	ND	6.2	ug/kg	SW846 8260A	
Styrene	ND	6.2	ug/kg	SW846 8260A	
Xylenes (total)	ND	6.2	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.
Surrogates outside acceptance criteria due to demonstrated matrix effect.

Inorganic Analysis					Reviewed
Total Residue as Percent Solids	80.1	0.10	%	MCAWW 160.3 MOD	

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: PZ-09D 25-27
Sample #: 003 Date Sampled: 11/19/97 10:44 Date Received: 11/21/97 Matrix: SOLID

Volatile Organics by GC/MS					In Review
Chloromethane	ND	1500	ug/kg	SW846 8260A	
Bromomethane	ND	1500	ug/kg	SW846 8260A	
Vinyl chloride	ND	1500	ug/kg	SW846 8260A	
Chloroethane	ND	1500	ug/kg	SW846 8260A	
Methylene chloride	ND	750	ug/kg	SW846 8260A	
Acetone	ND	3000	ug/kg	SW846 8260A	
Carbon disulfide	ND	750	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	750	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	750	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	1100	750	ug/kg	SW846 8260A	
Chloroform	ND	750	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	750	ug/kg	SW846 8260A	
2-Butanone	ND	3000	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	750	ug/kg	SW846 8260A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001

Lot #: A7K210187 Date Reported: 12/09/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Client Sample ID: PZ-09D 25-27				
Sample #: 003 Date Sampled: 11/19/97 10:44 Date Received: 11/21/97 Matrix: SOLID				
Volatile Organics by GC/MS				In Review
Carbon tetrachloride	ND	750	ug/kg	SW846 8260A
Bromodichloromethane	ND	750	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	750	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	750	ug/kg	SW846 8260A
Trichloroethene	4200	750	ug/kg	SW846 8260A
Dibromochloromethane	ND	750	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	750	ug/kg	SW846 8260A
Benzene	ND	750	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	750	ug/kg	SW846 8260A
Bromoform	ND	750	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	3000	ug/kg	SW846 8260A
2-Hexanone	ND	3000	ug/kg	SW846 8260A
Tetrachloroethene	ND	750	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	750	ug/kg	SW846 8260A
Toluene	ND	750	ug/kg	SW846 8260A
Chlorobenzene	ND	750	ug/kg	SW846 8260A
Ethylbenzene	ND	750	ug/kg	SW846 8260A
Styrene	ND	750	ug/kg	SW846 8260A
Xylenes (total)	ND	750	ug/kg	SW846 8260A

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis				Reviewed
Total Residue as Percent Solids	83.8	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: PZ-09D 25-27 DUP				
Sample #: 004 Date Sampled: 11/19/97 10:44 Date Received: 11/21/97 Matrix: SOLID				
Volatile Organics by GC/MS				In Review
Chloromethane	ND	1600	ug/kg	SW846 8260A
Bromomethane	ND	1600	ug/kg	SW846 8260A
Vinyl chloride	ND	1600	ug/kg	SW846 8260A
Chloroethane	ND	1600	ug/kg	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001

Lot #: A7K210187 Date Reported: 12/09/97

Client Sample ID: PZ-09D 25-27 DUP
Sample #: 004 Date Sampled: 11/19/97 10:44 Date Received: 11/21/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					In Review
Methylene chloride	ND	780	ug/kg	SW846 8260A	
Acetone	ND	3100	ug/kg	SW846 8260A	
Carbon disulfide	ND	780	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	780	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	780	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	1600	780	ug/kg	SW846 8260A	
Chloroform	ND	780	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	780	ug/kg	SW846 8260A	
2-Butanone	ND	3100	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	780	ug/kg	SW846 8260A	
Carbon tetrachloride	ND	780	ug/kg	SW846 8260A	
Bromodichloromethane	ND	780	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	780	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	780	ug/kg	SW846 8260A	
Trichloroethene	7300	780	ug/kg	SW846 8260A	
Dibromochloromethane	ND	780	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	780	ug/kg	SW846 8260A	
Benzene	ND	780	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	780	ug/kg	SW846 8260A	
Bromoform	ND	780	ug/kg	SW846 8260A	
4-Methyl-2-pentanone	ND	3100	ug/kg	SW846 8260A	
2-Hexanone	ND	3100	ug/kg	SW846 8260A	
Tetrachloroethene	ND	780	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	780	ug/kg	SW846 8260A	
Toluene	ND	780	ug/kg	SW846 8260A	
Chlorobenzene	ND	780	ug/kg	SW846 8260A	
Ethylbenzene	ND	780	ug/kg	SW846 8260A	
Styrene	ND	780	ug/kg	SW846 8260A	
Xylenes (total)	ND	780	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis					Reviewed
Total Residue as Percent Solids	80.4	0.10	%	MCAWW 160.3 MOD	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Lot #: A7K210187

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001

Date Reported: 12/09/97

Client Sample ID: PZ-09D 25-27 DUP
Sample #: 004 Date Sampled: 11/19/97 10:44 Date Received: 11/21/97 Matrix: SOLID

Inorganic Analysis — Reviewed

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: PZ-09D 45-47
Sample #: 005 Date Sampled: 11/19/97 12:23 Date Received: 11/21/97 Matrix: SOLID

Volatile Organics by GC/MS — In Review

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Chloromethane	ND	1400	ug/kg	SW846 8260A
Bromomethane	ND	1400	ug/kg	SW846 8260A
Vinyl chloride	ND	1400	ug/kg	SW846 8260A
Chloroethane	ND	1400	ug/kg	SW846 8260A
Methylene chloride	ND	700	ug/kg	SW846 8260A
Acetone	ND	2800	ug/kg	SW846 8260A
Carbon disulfide	ND	700	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	700	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	700	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	700	ug/kg	SW846 8260A
Chloroform	ND	700	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	700	ug/kg	SW846 8260A
2-Butanone	ND	2800	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	700	ug/kg	SW846 8260A
Carbon tetrachloride	ND	700	ug/kg	SW846 8260A
Bromodichloromethane	ND	700	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	700	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	700	ug/kg	SW846 8260A
Trichloroethene	12000	700	ug/kg	SW846 8260A
Dibromochloromethane	ND	700	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	700	ug/kg	SW846 8260A
Benzene	ND	700	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	700	ug/kg	SW846 8260A
Bromoform	ND	700	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	2800	ug/kg	SW846 8260A
2-Hexanone	ND	2800	ug/kg	SW846 8260A
Tetrachloroethene	ND	700	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	700	ug/kg	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001

Lot #: A7K210187 Date Reported: 12/09/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Client Sample ID: PZ-09D 45-47				
Sample #: 005 Date Sampled: 11/19/97 12:23 Date Received: 11/21/97 Matrix: SOLID				
Volatile Organics by GC/MS				In Review
Toluene	ND	700	ug/kg	SW846 8260A
Chlorobenzene	ND	700	ug/kg	SW846 8260A
Ethylbenzene	ND	700	ug/kg	SW846 8260A
Styrene	ND	700	ug/kg	SW846 8260A
Xylenes (total)	ND	700	ug/kg	SW846 8260A
Results and reporting limits have been adjusted for dry weight.				
Inorganic Analysis				Reviewed
Total Residue as Percent Solids	88.8	0.10	%	MCAWW 160.3 MOD
Results and reporting limits have been adjusted for dry weight.				
Client Sample ID: PZ-14I 20-22				
Sample #: 006 Date Sampled: 11/20/97 07:55 Date Received: 11/21/97 Matrix: SOLID				
Volatile Organics by GC/MS				In Review
Chloromethane	ND	10	ug/kg	SW846 8260A
Bromomethane	ND	10	ug/kg	SW846 8260A
Vinyl chloride	ND	10	ug/kg	SW846 8260A
Chloroethane	ND	10	ug/kg	SW846 8260A
Methylene chloride	ND	5.2	ug/kg	SW846 8260A
Acetone	ND	21	ug/kg	SW846 8260A
Carbon disulfide	ND	5.2	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.2	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	5.2	ug/kg	SW846 8260A
Chloroform	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.2	ug/kg	SW846 8260A
2-Butanone	ND	21	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.2	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.2	ug/kg	SW846 8260A
Bromodichloromethane	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.2	ug/kg	SW846 8260A

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001

Lot #: A7K210187 Date Reported: 12/09/97

Client Sample ID: PZ-14I 20-22
Sample #: 006 Date Sampled: 11/20/97 07:55 Date Received: 11/21/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by GC/MS				In Review
cis-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A
Trichloroethene	ND	5.2	ug/kg	SW846 8260A
Dibromochloromethane	ND	5.2	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.2	ug/kg	SW846 8260A
Benzene	ND	5.2	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A
Bromoform	ND	5.2	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	21	ug/kg	SW846 8260A
2-Hexanone	ND	21	ug/kg	SW846 8260A
Tetrachloroethene	27	5.2	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg	SW846 8260A
Toluene	ND	5.2	ug/kg	SW846 8260A
Chlorobenzene	ND	5.2	ug/kg	SW846 8260A
Ethylbenzene	ND	5.2	ug/kg	SW846 8260A
Styrene	ND	5.2	ug/kg	SW846 8260A
Xylenes (total)	ND	5.2	ug/kg	SW846 8260A

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis				Reviewed
Total Residue as Percent Solids	96.0	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: PZ14I-E
Sample #: 007 Date Sampled: 11/20/97 08:00 Date Received: 11/21/97 Matrix: WATER

Volatile Organics by GC/MS				In Review
Chloromethane	ND	2.0	ug/L	SW846 8260A
Bromomethane	ND	2.0	ug/L	SW846 8260A
Vinyl chloride	ND	1.0	ug/L	SW846 8260A
Chloroethane	ND	2.0	ug/L	SW846 8260A
Methylene chloride	ND	1.0	ug/L	SW846 8260A
Acetone	ND	10	ug/L	SW846 8260A
Carbon disulfide	ND	1.0	ug/L	SW846 8260A

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Lot #: A7K210187

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001

Date Reported: 12/09/97

Client Sample ID: PZ14I-E
Sample #: 007 Date Sampled: 11/20/97 08:00 Date Received: 11/21/97 Matrix: WATER

Volatile Organics by GC/MS — In Review

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethene (total)	ND	1.0	ug/L	SW846 8260A
Chloroform	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A
2-Butanone	ND	10	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Trichloroethene	ND	1.0	ug/L	SW846 8260A
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Benzene	ND	1.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Bromoform	ND	1.0	ug/L	SW846 8260A
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A
2-Hexanone	ND	10	ug/L	SW846 8260A
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A
Toluene	ND	1.0	ug/L	SW846 8260A
Chlorobenzene	ND	1.0	ug/L	SW846 8260A
Ethylbenzene	ND	1.0	ug/L	SW846 8260A
Styrene	ND	1.0	ug/L	SW846 8260A
Xylenes (total)	ND	1.0	ug/L	SW846 8260A

Client Sample ID: PZ-14I 30-32 (MS/MSD) — indicates MS/MSD also run
Sample #: 008 Date Sampled: 11/20/97 08:15 Date Received: 11/21/97 Matrix: SOLID

Volatile Organics by GC/MS — In Review

Chloromethane	ND	1400	ug/kg	SW846 8260A
Bromomethane	ND	1400	ug/kg	SW846 8260A
Vinyl chloride	ND	1400	ug/kg	SW846 8260A
Chloroethane	ND	1400	ug/kg	SW846 8260A

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Lot #: A7K210187

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001

Date Reported: 12/09/97

Client Sample ID: PZ-14I 30-32 (MS/MSD)
Sample #: 008 Date Sampled: 11/20/97 08:15 Date Received: 11/21/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by GC/MS				In Review
Methylene chloride	ND	690	ug/kg	SW846 8260A
Acetone	ND	2800	ug/kg	SW846 8260A
Carbon disulfide	ND	690	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	690	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	690	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	690	ug/kg	SW846 8260A
Chloroform	ND	690	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	690	ug/kg	SW846 8260A
2-Butanone	ND	2800	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	690	ug/kg	SW846 8260A
Carbon tetrachloride	ND	690	ug/kg	SW846 8260A
Bromodichloromethane	ND	690	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	690	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	690	ug/kg	SW846 8260A
Trichloroethene	ND	690	ug/kg	SW846 8260A
Dibromochloromethane	ND	690	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	690	ug/kg	SW846 8260A
Benzene	ND	690	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	690	ug/kg	SW846 8260A
Bromoform	ND	690	ug/kg	SW846 8260A
4-Methyl-2-pentanone	ND	2800	ug/kg	SW846 8260A
2-Hexanone	ND	2800	ug/kg	SW846 8260A
Tetrachloroethene	6700	690	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	690	ug/kg	SW846 8260A
Toluene	ND	690	ug/kg	SW846 8260A
Chlorobenzene	ND	690	ug/kg	SW846 8260A
Ethylbenzene	ND	690	ug/kg	SW846 8260A
Styrene	ND	690	ug/kg	SW846 8260A
Xylenes (total)	ND	690	ug/kg	SW846 8260A

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis				Reviewed
Total Residue as Percent Solids	90.5	0.10	%	MCAWW 160.3 MOD

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001

Lot #: A7K210187 Date Reported: 12/09/97

Client Sample ID: PZ-14I 30-32 (MS/MSD)
Sample #: 008 Date Sampled: 11/20/97 08:15 Date Received: 11/21/97 Matrix: SOLID

Inorganic Analysis — Reviewed

Results and reporting limits have been adjusted for dry weight.

Client Sample ID: T-112097
Sample #: 009 Date Sampled: 11/20/97 08:15 Date Received: 11/21/97 Matrix: WATER

Volatile Organics by GC/MS — In Review

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Chloromethane	ND	2.0	ug/L	SW846 8260A
Bromomethane	ND	2.0	ug/L	SW846 8260A
Vinyl chloride	ND	1.0	ug/L	SW846 8260A
Chloroethane	ND	2.0	ug/L	SW846 8260A
Methylene chloride	ND	1.0	ug/L	SW846 8260A
Acetone	ND	10	ug/L	SW846 8260A
Carbon disulfide	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethene (total)	ND	1.0	ug/L	SW846 8260A
Chloroform	ND	1.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260A
2-Butanone	ND	10	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260A
Bromodichloromethane	ND	1.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Trichloroethene	ND	1.0	ug/L	SW846 8260A
Dibromochloromethane	ND	1.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260A
Benzene	ND	1.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260A
Bromoform	ND	1.0	ug/L	SW846 8260A
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260A
2-Hexanone	ND	10	ug/L	SW846 8260A
Tetrachloroethene	ND	1.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Lot #: A7K210187

Compuchem Environmental
DAYTON THERMAL
Project Number: SC001

Date Reported: 12/09/97

Client Sample ID: T-112097
Sample #: 009 Date Sampled: 11/20/97 08:15 Date Received: 11/21/97 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					In Review
Toluene	ND	1.0	ug/L	SW846 8260A	
Chlorobenzene	ND	1.0	ug/L	SW846 8260A	
Ethylbenzene	ND	1.0	ug/L	SW846 8260A	
Styrene	ND	1.0	ug/L	SW846 8260A	
Xylenes (total)	ND	1.0	ug/L	SW846 8260A	

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3 chrg4 / dayton

Building 40B
Dec 97

COMPUCHEM
a division of Liberty Analytical Corp.

FAX COVER SHEET

Date: 1.8.98

To: Mr. Ken Vogel Fax: 612-490-1006

From: Marlene Swift Phone: 919.379.4013

Fax: 919.379.4040

RE: RFA 234

Number of pages including cover sheet 13

Message:

Ken,

Here is RFA#234. RFA#235 soon to follow.
I'm sorry for the inconvenience.

Marlene.

501 Madison Avenue, Cary, NC 27513, Tel: 919.379.4100, Fax: 919.379.4050

Quanterra
Environmental Services

Date: 01/08/98
Time: 13:36:59
(Mountain Time)

From: Kris Buzash
Quanterra Inc.
4101 Shuffel Drive NW
North Canton, OH 44720

voice: 330-497-9396
fax: 330-497-0772

To: Cathy Dover
Compuchem Environmental

919-3794050

Number of Pages
Including Cover Sheet: 12

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Quote Number: 021934
Project Number: YGQP97-00234-T
Project Name/Site: DAYTON THERMAL

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

Client Sample ID: FB121397
Sample #: 001 Date Sampled: 12/13/97 10:40 Date Received: 12/16/97 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by GC/MS				In Review
Acrolein	ND	100	ug/L	SW846 8260A
Acrylonitrile	ND	100	ug/L	SW846 8260A
Benzene	ND	5.0	ug/L	SW846 8260A
Bromoform	ND	5.0	ug/L	SW846 8260A
Bromomethane	ND	10	ug/L	SW846 8260A
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260A
Chlorobenzene	ND	5.0	ug/L	SW846 8260A
Chlorodibromomethane	ND	5.0	ug/L	SW846 8260A
Chloroethane	ND	10	ug/L	SW846 8260A
Chloroform	ND	5.0	ug/L	SW846 8260A
Chloromethane	ND	10	ug/L	SW846 8260A
Dichlorobromomethane	ND	5.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260A
1,2-Dichloroethene (total)	ND	5.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A
Ethylbenzene	ND	5.0	ug/L	SW846 8260A
Methylene chloride	ND	5.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260A
Tetrachloroethene	ND	5.0	ug/L	SW846 8260A
Toluene	ND	5.0	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260A
Trichloroethene	ND	5.0	ug/L	SW846 8260A
Vinyl chloride	ND	10	ug/L	SW846 8260A

Client Sample ID: TB121397
Sample #: 002 Date Sampled: 12/13/97 10:40 Date Received: 12/16/97 Matrix: WATER

Volatile Organics by GC/MS				In Review
Acrolein	ND	100	ug/L	SW846 8260A
Acrylonitrile	ND	100	ug/L	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

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CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Client Sample ID: TB121397					
Sample #: 002 Date Sampled: 12/13/97 10:40 Date Received: 12/16/97 Matrix: WATER					
Volatile Organics by GC/MS					In Review
Benzene	ND	5.0	ug/L	SW846 8260A	
Bromoform	ND	5.0	ug/L	SW846 8260A	
Bromomethane	ND	10	ug/L	SW846 8260A	
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260A	
Chlorobenzene	ND	5.0	ug/L	SW846 8260A	
Chlorodibromomethane	ND	5.0	ug/L	SW846 8260A	
Chloroethane	ND	10	ug/L	SW846 8260A	
Chloroform	ND	5.0	ug/L	SW846 8260A	
Chloromethane	ND	10	ug/L	SW846 8260A	
Dichlorobromomethane	ND	5.0	ug/L	SW846 8260A	
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260A	
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A	
Ethylbenzene	ND	5.0	ug/L	SW846 8260A	
Methylene chloride	ND	5.0	ug/L	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260A	
Tetrachloroethene	ND	5.0	ug/L	SW846 8260A	
Toluene	ND	5.0	ug/L	SW846 8260A	
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260A	
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260A	
Trichloroethene	ND	5.0	ug/L	SW846 8260A	
Vinyl chloride	ND	10	ug/L	SW846 8260A	
Client Sample ID: TB9(3-5')					
Sample #: 003 Date Sampled: 12/13/97 09:30 Date Received: 12/16/97 Matrix: SOLID					
Trivalent chromium					Reviewed
Trivalent Chrom	ND	0.10	mg/L	SW846 7196A	
Inductively Coupled Plasma (ICP) Metals TCLP					Reviewed
Silver TCLP	ND	0.50	mg/L	SW846 6010A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

Client Sample ID: TB9(3-5')
Sample #: 003 Date Sampled: 12/13/97 09:30 Date Received: 12/16/97 Matrix: SOLID

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Arsenic	TCLP	ND	0.50	mg/L	SW846 6010A	
Barium	TCLP	ND	10.0	mg/L	SW846 6010A	
Cadmium	TCLP	ND	0.10	mg/L	SW846 6010A	
Chromium	TCLP	ND	0.50	mg/L	SW846 6010A	
Copper	TCLP	ND	1.0	mg/L	SW846 6010A	
Nickel	TCLP	ND	0.040	mg/L	SW846 6010A	
Lead	TCLP	ND	0.50	mg/L	SW846 6010A	
Selenium	TCLP	ND	0.25	mg/L	SW846 6010A	
Zinc	TCLP	ND	1.0	mg/L	SW846 6010A	
Mercury in Liquid Waste (Manual Cold-Vapor) TCLP						Reviewed
Mercury	TCLP	ND	0.0020	mg/L	SW846 7470A	
Organochlorine Pesticides and PCBs						Reviewed
Aroclor 1016		ND	19	ug/kg	SW846 8080A	
Aroclor 1221		ND	19	ug/kg	SW846 8080A	
Aroclor 1232		ND	19	ug/kg	SW846 8080A	
Aroclor 1242		ND	19	ug/kg	SW846 8080A	
Aroclor 1248		ND	19	ug/kg	SW846 8080A	
Aroclor 1254		ND	37	ug/kg	SW846 8080A	
Aroclor 1260		ND	37	ug/kg	SW846 8080A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS						In Review
Acrolein		ND	280000	ug/kg	SW846 8260A	
Acrylonitrile		ND	280000	ug/kg	SW846 8260A	
Benzene		ND	14000	ug/kg	SW846 8260A	
Bromoform		ND	14000	ug/kg	SW846 8260A	
Bromomethane		ND	28000	ug/kg	SW846 8260A	
Carbon tetrachloride		ND	14000	ug/kg	SW846 8260A	
Chlorobenzene		ND	14000	ug/kg	SW846 8260A	
Chlorodibromomethane		ND	14000	ug/kg	SW846 8260A	
Chloroethane		ND	28000	ug/kg	SW846 8260A	
Chloroform		ND	14000	ug/kg	SW846 8260A	
Chloromethane		ND	28000	ug/kg	SW846 8260A	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

Client Sample ID: TB9(3-5')
Sample #: 003 Date Sampled: 12/13/97 09:30 Date Received: 12/16/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					In Review
Dichlorobromomethane	ND	14000	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	14000	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	14000	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	14000	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	20000	14000	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	14000	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	14000	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	14000	ug/kg	SW846 8260A	
Ethylbenzene	ND	14000	ug/kg	SW846 8260A	
Methylene chloride	ND	14000	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	14000	ug/kg	SW846 8260A	
Tetrachloroethene	180000	14000	ug/kg	SW846 8260A	
Toluene	ND	14000	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	25000	14000	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	14000	ug/kg	SW846 8260A	
Trichloroethene	380000	14000	ug/kg	SW846 8260A	
Vinyl chloride	ND	28000	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS TCLP					In Review
Benzene	ND	0.025	mg/L	SW846 8260A	
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A	
Chlorobenzene	ND	0.025	mg/L	SW846 8260A	
Chloroform	ND	0.025	mg/L	SW846 8260A	
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A	
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A	
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A	
Tetrachloroethylene	0.19	0.025	mg/L	SW846 8260A	
Trichloroethylene	0.70	0.025	mg/L	SW846 8260A	
Vinyl chloride	ND	0.050	mg/L	SW846 8260A	

Semivolatile Organic Compounds by GC/MS TCLP					Reviewed
Nitrobenzene	ND	0.050	mg/L	SW846 8270B	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

Client Sample ID: TB9(3-5')
Sample #: 003 Date Sampled: 12/13/97 09:30 Date Received: 12/16/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Semivolatile Organic Compounds by GC/MS TCLP					Reviewed
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B	
Pyridine	ND	0.10	mg/L	SW846 8270B	
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B	
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B	
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B	
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B	
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B	
Hexachloroethane	ND	0.050	mg/L	SW846 8270B	
o-Cresol	ND	0.050	mg/L	SW846 8270B	
Phenol	ND	0.050	mg/L	SW846 8270B	
Inorganic Analysis					In Review
Method for Chlorine in Coal	IN PROCESS	0.10	%	ASTM D 2361-91	
Reactive Cyanide	ND	220	mg/kg	SW846 7.3.3	
Hexavalent Chromium	ND	0.02	mg/L	SW846 7196A	
Ignitability	NEG		No Units	SW846 SECTION 7.1	
DI Leachable pH	8.5		No Units	MCAWW 150.1	
Paint Filter Test	NEG		No Units	SW846 9095	
Specific Gravity	1.3		No Units	SM18 2710 F	
Reactive Sulfide	ND	220	mg/kg	SW846 7.3.4	
Total Residue as Percent Solids	89.6	0.10	%	MCAWW 160.3 MOD	

Results and reporting limits have been adjusted for dry weight.
NEG Negative

Client Sample ID: TB12(5-7')
Sample #: 004 Date Sampled: 12/13/97 10:50 Date Received: 12/16/97 Matrix: SOLID

Trivalent chromium					Reviewed
Trivalent Chrom	ND	0.10	mg/L	SW846 7196A	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

Client Sample ID: TB12(5-7')
Sample #: 004 Date Sampled: 12/13/97 10:50 Date Received: 12/16/97 Matrix: SOLID

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Inductively Coupled Plasma (ICP) Metals TCLP						Reviewed
Silver	TCLP	ND	0.50	mg/L	SW846 6010A	
Arsenic	TCLP	ND	0.50	mg/L	SW846 6010A	
Barium	TCLP	ND	10.0	mg/L	SW846 6010A	
Cadmium	TCLP	ND	0.10	mg/L	SW846 6010A	
Chromium	TCLP	ND	0.50	mg/L	SW846 6010A	
Copper	TCLP	ND	1.0	mg/L	SW846 6010A	
Nickel	TCLP	ND	0.040	mg/L	SW846 6010A	
Lead	TCLP	ND	0.50	mg/L	SW846 6010A	
Selenium	TCLP	ND	0.25	mg/L	SW846 6010A	
Zinc	TCLP	ND	1.0	mg/L	SW846 6010A	
Mercury in Liquid Waste (Manual Cold-Vapor) TCLP						Reviewed
Mercury	TCLP	ND	0.0020	mg/L	SW846 7470A	
Organochlorine Pesticides and PCBs						Reviewed
Aroclor 1016		ND	18	ug/kg	SW846 8080A	
Aroclor 1221		ND	18	ug/kg	SW846 8080A	
Aroclor 1232		ND	18	ug/kg	SW846 8080A	
Aroclor 1242		ND	18	ug/kg	SW846 8080A	
Aroclor 1248		ND	18	ug/kg	SW846 8080A	
Aroclor 1254		ND	35	ug/kg	SW846 8080A	
Aroclor 1260		ND	35	ug/kg	SW846 8080A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS						In Review
Acrolein		ND	100	ug/kg	SW846 8260A	
Acrylonitrile		ND	100	ug/kg	SW846 8260A	
Benzene		ND	5.2	ug/kg	SW846 8260A	
Bromoform		ND	5.2	ug/kg	SW846 8260A	
Bromomethane		ND	10	ug/kg	SW846 8260A	
Carbon tetrachloride		ND	5.2	ug/kg	SW846 8260A	
Chlorobenzene		ND	5.2	ug/kg	SW846 8260A	
Chlorodibromomethane		ND	5.2	ug/kg	SW846 8260A	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

Client Sample ID: TB12(5-7')
Sample #: 004 Date Sampled: 12/13/97 10:50 Date Received: 12/16/97 Matrix: SOLID

Volatile Organics by GC/MS — In Review

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Chloroethane	ND	10	ug/kg	SW846 8260A
Chloroform	ND	5.2	ug/kg	SW846 8260A
Chloromethane	ND	10	ug/kg	SW846 8260A
Dichlorobromomethane	ND	5.2	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.2	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.2	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A
Ethylbenzene	ND	5.2	ug/kg	SW846 8260A
Methylene chloride	ND	5.2	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.2	ug/kg	SW846 8260A
Toluene	ND	5.2	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.2	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.2	ug/kg	SW846 8260A
Trichloroethene	ND	5.2	ug/kg	SW846 8260A
Vinyl chloride	ND	10	ug/kg	SW846 8260A

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS TCLP — In Review

Benzene	ND	0.025	mg/L	SW846 8260A
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A
Chlorobenzene	ND	0.025	mg/L	SW846 8260A
Chloroform	ND	0.025	mg/L	SW846 8260A
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A
Tetrachloroethylene	ND	0.025	mg/L	SW846 8260A
Trichloroethylene	ND	0.025	mg/L	SW846 8260A
Vinyl chloride	ND	0.050	mg/L	SW846 8260A

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

Client Sample ID: TB12(5-7')
Sample #: 004 Date Sampled: 12/13/97 10:50 Date Received: 12/16/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Semivolatile Organic Compounds by GC/MS TCLP				Reviewed
Nitrobenzene	ND	0.050	mg/L	SW846 8270B
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B
Pyridine	ND	0.10	mg/L	SW846 8270B
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B
Hexachloroethane	ND	0.050	mg/L	SW846 8270B
o-Cresol	ND	0.050	mg/L	SW846 8270B
Phenol	0.072	0.050	mg/L	SW846 8270B
Inorganic Analysis				In Review
Method for Chlorine in Coal	IN PROCESS	0.10	%	ASTM D 2361-91
Reactive Cyanide	ND	210	mg/kg	SW846 7.3.3
Hexavalent Chromium	ND	0.02	mg/L	SW846 7196A
Ignitability	NEG		No Units	SW846 SECTION 7.1
DI Leachable pH	9.3		No Units	MCAWW 150.1
Paint Filter Test	NEG		No Units	SW846 9095
Specific Gravity	1.5		No Units	SM18 2710 F
Reactive Sulfide	ND	210	mg/kg	SW846 7.3.4
Total Residue as Percent Solids	95.3	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.
NEG Negative

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Client Sample ID: TB10(1-3')						
Sample #: 005 Date Sampled: 12/13/97 12:00 Date Received: 12/16/97 Matrix: SOLID						
Trivalent chromium						Reviewed
Trivalent Chrom		ND	0.10	mg/L	SW846 7196A	
Inductively Coupled Plasma (ICP) Metals TCLP						Reviewed
Silver	TCLP	ND	0.50	mg/L	SW846 6010A	
Arsenic	TCLP	ND	0.50	mg/L	SW846 6010A	
Barium	TCLP	ND	10.0	mg/L	SW846 6010A	
Cadmium	TCLP	ND	0.10	mg/L	SW846 6010A	
Chromium	TCLP	ND	0.50	mg/L	SW846 6010A	
Copper	TCLP	ND	1.0	mg/L	SW846 6010A	
Nickel	TCLP	ND	0.040	mg/L	SW846 6010A	
Lead	TCLP	ND	0.50	mg/L	SW846 6010A	
Selenium	TCLP	ND	0.25	mg/L	SW846 6010A	
Zinc	TCLP	ND	1.0	mg/L	SW846 6010A	
Mercury in Liquid Waste (Manual Cold-Vapor) TCLP						Reviewed
Mercury	TCLP	ND	0.0020	mg/L	SW846 7470A	
Organochlorine Pesticides and PCBs						Reviewed
Aroclor 1016		ND	19	ug/kg	SW846 8080A	
Aroclor 1221		ND	19	ug/kg	SW846 8080A	
Aroclor 1232		ND	19	ug/kg	SW846 8080A	
Aroclor 1242		ND	19	ug/kg	SW846 8080A	
Aroclor 1248		ND	19	ug/kg	SW846 8080A	
Aroclor 1254		ND	37	ug/kg	SW846 8080A	
Aroclor 1260		ND	37	ug/kg	SW846 8080A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS						In Review
Acrolein		ND	280000	ug/kg	SW846 8260A	
Acrylonitrile		ND	280000	ug/kg	SW846 8260A	
Benzene		ND	14000	ug/kg	SW846 8260A	
Bromoform		ND	14000	ug/kg	SW846 8260A	
Bromomethane		ND	28000	ug/kg	SW846 8260A	
Carbon tetrachloride		ND	14000	ug/kg	SW846 8260A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

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CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

Client Sample ID: TB10(1-3')
Sample #: 005 Date Sampled: 12/13/97 12:00 Date Received: 12/16/97 Matrix: SOLID

Volatile Organics by GC/MS — In Review

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Chlorobenzene	ND	14000	ug/kg	SW846 8260A
Chlorodibromomethane	ND	14000	ug/kg	SW846 8260A
Chloroethane	ND	28000	ug/kg	SW846 8260A
Chloroform	ND	14000	ug/kg	SW846 8260A
Chloromethane	ND	28000	ug/kg	SW846 8260A
Dichlorobromomethane	ND	14000	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	14000	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	14000	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	14000	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	65000	14000	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	14000	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	14000	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	14000	ug/kg	SW846 8260A
Ethylbenzene	ND	14000	ug/kg	SW846 8260A
Methylene chloride	ND	14000	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	14000	ug/kg	SW846 8260A
Tetrachloroethene	43000	14000	ug/kg	SW846 8260A
Toluene	ND	14000	ug/kg	SW846 8260A
1,1,1-Trichloroethane	15000	14000	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	14000	ug/kg	SW846 8260A
Trichloroethene	420000	14000	ug/kg	SW846 8260A
Vinyl chloride	ND	28000	ug/kg	SW846 8260A

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS TCLP — In Review

Benzene	ND	0.025	mg/L	SW846 8260A
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A
Chlorobenzene	ND	0.025	mg/L	SW846 8260A
Chloroform	ND	0.025	mg/L	SW846 8260A
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A
Tetrachloroethylene	0.049	0.025	mg/L	SW846 8260A
Trichloroethylene	0.75	0.025	mg/L	SW846 8260A

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

Client Sample ID: TB10(1-3')
Sample #: 005 Date Sampled: 12/13/97 12:00 Date Received: 12/16/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS TCLP					In Review
Vinyl chloride	ND	0.050	mg/L	SW846 8260A	
Semivolatile Organic Compounds by GC/MS TCLP					Reviewed
Nitrobenzene	ND	0.050	mg/L	SW846 8270B	
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B	
Pyridine	ND	0.10	mg/L	SW846 8270B	
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B	
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B	
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B	
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B	
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B	
Hexachloroethane	ND	0.050	mg/L	SW846 8270B	
o-Cresol	ND	0.050	mg/L	SW846 8270B	
Phenol	ND	0.050	mg/L	SW846 8270B	
Inorganic Analysis					In Review
Method for Chlorine in Coal	IN PROCESS	0.10	%	ASTM D 2361-91	
Reactive Cyanide	ND	230	mg/kg	SW846 7.3.3	
Hexavalent Chromium	ND	0.02	mg/L	SW846 7196A	
Ignitability	NEG		No Units	SW846 SECTION 7.1	
DI Leachable pH	8.3		No Units	MCAWW 150.1	
Paint Filter Test	NEG		No Units	SW846 9095	
Specific Gravity	0.98		No Units	SM18 2710 F	
Reactive Sulfide	ND	230	mg/kg	SW846 7.3.4	
Total Residue as Percent Solids	88.9	0.10	%	MCAWW 160.3 MOD	

Results and reporting limits have been adjusted for dry weight.
NEG Negative

DATE 1/7/98
CHECKED BY KRB
DATE 1/9/98

3 chrg4 / dayton
Building 40B
Dec 97

COMPUCHEM
a division of Liberty Analytical Corp.

FAX COVER SHEET

Date: 1-8-98

To: Ken Vogel Fax: (612) 490-1006

From: Marlene Swift Phone: 919.379.4013

Fax: 919.379.4040

RE:

Number of pages including cover sheet 22

Message:

Remaining Results

Marlene T. Swift

501 Madison Avenue, Cary, NC 27513, Tel: 919.379.4100, Fax: 919.379.4050

Quanterra
Environmental Services

Date: 01/08/98
Time: 13:51:28
(Mountain Time)

From: Kris Bugash
Quanterra Inc.
4101 Shuffel Drive NW
North Canton, OH 44720

voice: 330-497-9396
fax: 330-497-0772

To: Cathy Dover
Compuchem Environmental

919-3794050

Number of Pages
Including Cover Sheet: 19

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Quote Number: 021934
Project Number: YGQP97-00234-T
Project Name/Site: DAYTON THERMAL

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: FB121297
Sample #: 001 Date Sampled: 12/12/97 15:00 Date Received: 12/13/97 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Acrolein	ND	100	ug/L	SW846 8260A	
Acrylonitrile	ND	100	ug/L	SW846 8260A	
Benzene	ND	5.0	ug/L	SW846 8260A	
Bromoform	ND	5.0	ug/L	SW846 8260A	
Bromomethane	ND	10	ug/L	SW846 8260A	
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260A	
Chlorobenzene	ND	5.0	ug/L	SW846 8260A	
Chlorodibromomethane	ND	5.0	ug/L	SW846 8260A	
Chloroethane	ND	10	ug/L	SW846 8260A	
Chloroform	ND	5.0	ug/L	SW846 8260A	
Chloromethane	ND	10	ug/L	SW846 8260A	
Dichlorobromomethane	ND	5.0	ug/L	SW846 8260A	
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260A	
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A	
Ethylbenzene	ND	5.0	ug/L	SW846 8260A	
Methylene chloride	ND	5.0	ug/L	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260A	
Tetrachloroethene	ND	5.0	ug/L	SW846 8260A	
Toluene	ND	5.0	ug/L	SW846 8260A	
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260A	
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260A	
Trichloroethene	ND	5.0	ug/L	SW846 8260A	
Vinyl chloride	ND	10	ug/L	SW846 8260A	

Client Sample ID: TRIP BLANK 121297
Sample #: 002 Date Sampled: 12/12/97 15:00 Date Received: 12/13/97 Matrix: WATER

Volatile Organics by GC/MS					Reviewed
Acrolein	ND	100	ug/L	SW846 8260A	
Acrylonitrile	ND	100	ug/L	SW846 8260A	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Client Sample ID: TRIP BLANK 121297					
Sample #: 002 Date Sampled: 12/12/97 15:00 Date Received: 12/13/97 Matrix: WATER					
Volatile Organics by GC/MS					Reviewed
Benzene	ND	5.0	ug/L	SW846 8260A	
Bromoform	ND	5.0	ug/L	SW846 8260A	
Bromomethane	ND	10	ug/L	SW846 8260A	
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260A	
Chlorobenzene	ND	5.0	ug/L	SW846 8260A	
Chlorodibromomethane	ND	5.0	ug/L	SW846 8260A	
Chloroethane	ND	10	ug/L	SW846 8260A	
Chloroform	ND	5.0	ug/L	SW846 8260A	
Chloromethane	ND	10	ug/L	SW846 8260A	
Dichlorobromomethane	ND	5.0	ug/L	SW846 8260A	
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260A	
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A	
Ethylbenzene	ND	5.0	ug/L	SW846 8260A	
Methylene chloride	ND	5.0	ug/L	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260A	
Tetrachloroethene	ND	5.0	ug/L	SW846 8260A	
Toluene	ND	5.0	ug/L	SW846 8260A	
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260A	
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260A	
Trichloroethene	ND	5.0	ug/L	SW846 8260A	
Vinyl chloride	ND	10	ug/L	SW846 8260A	
Client Sample ID: TRIP [illegible]					
Sample #: 003 Date Sampled: 12/11/97 13:20 Date Received: 12/13/97 Matrix: SOLID					
Trivalent chromium					Reviewed
Trivalent Chrom	ND	0.10	mg/L	SW846 7196A	
Inductively Coupled Plasma (ICP) Metals TCLP					Reviewed
Silver TCLP	ND	0.50	mg/L	SW846 6010A	

(Continued on next page)

Quanterra
Environmental Services

Date: 01/08/98
Time: 14:09:47
(Mountain Time)

From: Kris Buzash
Quanterra Inc.
4101 Shuffel Drive NW
North Canton, OH 44720

voice: 330-497-9396
fax: 330-497-0772

To: Cathy Dover
Compuchem Environmental

919-3794050

Number of Pages
Including Cover Sheet: 19

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* N O T E N O T E *
*
* This is a continuation of a previous fax transmission. *
*
* WARNING: THE FOLLOWING PAGES MAY INCLUDE DUPLICATE *
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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TRIP BLANK 121297
Sample #: 002 Date Sampled: 12/12/97 15:00 Date Received: 12/13/97 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Benzene	ND	5.0	ug/L	SW846 8260A	
Bromoform	ND	5.0	ug/L	SW846 8260A	
Bromomethane	ND	10	ug/L	SW846 8260A	
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260A	
Chlorobenzene	ND	5.0	ug/L	SW846 8260A	
Chlorodibromomethane	ND	5.0	ug/L	SW846 8260A	
Chloroethane	ND	10	ug/L	SW846 8260A	
Chloroform	ND	5.0	ug/L	SW846 8260A	
Chloromethane	ND	10	ug/L	SW846 8260A	
Dichlorobromomethane	ND	5.0	ug/L	SW846 8260A	
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260A	
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A	
Ethylbenzene	ND	5.0	ug/L	SW846 8260A	
Methylene chloride	ND	5.0	ug/L	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260A	
Tetrachloroethene	ND	5.0	ug/L	SW846 8260A	
Toluene	ND	5.0	ug/L	SW846 8260A	
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260A	
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260A	
Trichloroethene	ND	5.0	ug/L	SW846 8260A	
Vinyl chloride	ND	10	ug/L	SW846 8260A	

Client Sample ID: TB1 (7-9')
Sample #: 003 Date Sampled: 12/11/97 13:20 Date Received: 12/13/97 Matrix: SOLID

Trivalent chromium					Reviewed
Trivalent Chrom	ND	0.10	mg/L	SW846 7196A	
Inductively Coupled Plasma (ICP) Metals TCLP					Reviewed
Silver TCLP	ND	0.50	mg/L	SW846 6010A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB1 (7-9')
Sample #: 003 Date Sampled: 12/11/97 13:20 Date Received: 12/13/97 Matrix: SOLID

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Arsenic	TCLP	ND	0.50	mg/L	SW846 6010A	
Barium	TCLP	ND	10.0	mg/L	SW846 6010A	
Cadmium	TCLP	ND	0.10	mg/L	SW846 6010A	
Chromium	TCLP	ND	0.50	mg/L	SW846 6010A	
Copper	TCLP	ND	1.0	mg/L	SW846 6010A	
Nickel	TCLP	0.11	0.040	mg/L	SW846 6010A	
Lead	TCLP	ND	0.50	mg/L	SW846 6010A	
Selenium	TCLP	ND	0.25	mg/L	SW846 6010A	
Zinc	TCLP	ND	1.0	mg/L	SW846 6010A	
Mercury in Liquid Waste (Manual Cold-Vapor)	TCLP					Reviewed
Mercury	TCLP	ND	0.0020	mg/L	SW846 7470A	
Organochlorine Pesticides and PCBs						Reviewed
Aroclor 1016		ND	17	ug/kg	SW846 8080A	
Aroclor 1221		ND	17	ug/kg	SW846 8080A	
Aroclor 1232		ND	17	ug/kg	SW846 8080A	
Aroclor 1242		ND	17	ug/kg	SW846 8080A	
Aroclor 1248		ND	17	ug/kg	SW846 8080A	
Aroclor 1254		ND	35	ug/kg	SW846 8080A	
Aroclor 1260		ND	35	ug/kg	SW846 8080A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS						Reviewed
Acrolein		ND	100	ug/kg	SW846 8260A	
Acrylonitrile		ND	100	ug/kg	SW846 8260A	
Benzene		ND	5.2	ug/kg	SW846 8260A	
Bromoform		ND	5.2	ug/kg	SW846 8260A	
Bromomethane		ND	10	ug/kg	SW846 8260A	
Carbon tetrachloride		ND	5.2	ug/kg	SW846 8260A	
Chlorobenzene		ND	5.2	ug/kg	SW846 8260A	
Chlorodibromomethane		ND	5.2	ug/kg	SW846 8260A	
Chloroethane		ND	10	ug/kg	SW846 8260A	
Chloroform		ND	5.2	ug/kg	SW846 8260A	
Chloromethane		ND	10	ug/kg	SW846 8260A	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB1 (7-9')
Sample #: 003 Date Sampled: 12/11/97 13:20 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Dichlorobromomethane	ND	5.2	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	5.2	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	5.2	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	5.2	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.2	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	5.2	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A	
Ethylbenzene	ND	5.2	ug/kg	SW846 8260A	
Methylene chloride	21	5.2	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg	SW846 8260A	
Tetrachloroethene	ND	5.2	ug/kg	SW846 8260A	
Toluene	ND	5.2	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	5.2	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	5.2	ug/kg	SW846 8260A	
Trichloroethene	ND	5.2	ug/kg	SW846 8260A	
Vinyl chloride	ND	10	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS TCLP					Reviewed
Benzene	ND	0.025	mg/L	SW846 8260A	
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A	
Chlorobenzene	ND	0.025	mg/L	SW846 8260A	
Chloroform	ND	0.025	mg/L	SW846 8260A	
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A	
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A	
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A	
Tetrachloroethylene	ND	0.025	mg/L	SW846 8260A	
Trichloroethylene	ND	0.025	mg/L	SW846 8260A	
Vinyl chloride	ND	0.050	mg/L	SW846 8260A	

Semivolatile Organic Compounds by GC/MS TCLP					Reviewed
Nitrobenzene	ND	0.050	mg/L	SW846 8270B	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQF97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Client Sample ID: TB1 (7-9')				
Sample #: 003 Date Sampled: 12/11/97 13:20 Date Received: 12/13/97 Matrix: SOLID				
Semivolatile Organic Compounds by GC/MS TCLP				Reviewed
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B
Pyridine	ND	0.10	mg/L	SW846 8270B
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B
Hexachloroethane	ND	0.050	mg/L	SW846 8270B
o-Cresol	ND	0.050	mg/L	SW846 8270B
Phenol	ND	0.050	mg/L	SW846 8270B
Inorganic Analysis				Reviewed
Method for Chlorine in Coal	3.2	1.0	%	ASTM D 2361-91
Reactive Cyanide	ND	210	mg/kg	SW846 7.3.3
Hexavalent Chromium	ND	0.02	mg/L	SW846 7196A
Ignitability	NEG		No Units	SW846 SECTION 7.1
DI Leachable pH	9.2		No Units	MCAWW 150.1
Paint Filter Test	NEG		No Units	SW846 9095
Specific Gravity	1.2		No Units	SM18 2710 F
Reactive Sulfide	ND	210	mg/kg	SW846 7.3.4
Total Residue as Percent Solids	95.8	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.
NEG Negative

Client Sample ID: TB3 (13-15')				
Sample #: 004 Date Sampled: 12/11/97 09:40 Date Received: 12/13/97 Matrix: SOLID				
Trivalent chromium				Reviewed
Trivalent Chrom	ND	0.10	mg/L	SW846 7196A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQ297-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB3 (13-15')
Sample #: 004 Date Sampled: 12/11/97 09:40 Date Received: 12/13/97 Matrix: SOLID

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Inductively Coupled Plasma (ICP) Metals TCLP						Reviewed
Silver	TCLP	ND	0.50	mg/L	SW846 6010A	
Arsenic	TCLP	ND	0.50	mg/L	SW846 6010A	
Barium	TCLP	ND	10.0	mg/L	SW846 6010A	
Cadmium	TCLP	ND	0.10	mg/L	SW846 6010A	
Chromium	TCLP	ND	0.50	mg/L	SW846 6010A	
Copper	TCLP	ND	1.0	mg/L	SW846 6010A	
Nickel	TCLP	ND	0.040	mg/L	SW846 6010A	
Lead	TCLP	ND	0.50	mg/L	SW846 6010A	
Selenium	TCLP	ND	0.25	mg/L	SW846 6010A	
Zinc	TCLP	ND	1.0	mg/L	SW846 6010A	
Mercury in Liquid Waste (Manual Cold-Vapor) TCLP						Reviewed
Mercury	TCLP	ND	0.0020	mg/L	SW846 7470A	
Organochlorine Pesticides and PCBs						Reviewed
Aroclor 1016		ND	17	ug/kg	SW846 8080A	
Aroclor 1221		ND	17	ug/kg	SW846 8080A	
Aroclor 1232		ND	17	ug/kg	SW846 8080A	
Aroclor 1242		ND	17	ug/kg	SW846 8080A	
Aroclor 1248		ND	17	ug/kg	SW846 8080A	
Aroclor 1254		ND	35	ug/kg	SW846 8080A	
Aroclor 1260		ND	35	ug/kg	SW846 8080A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS						Reviewed
Acrolein		ND	100	ug/kg	SW846 8260A	
Acrylonitrile		ND	100	ug/kg	SW846 8260A	
Benzene		ND	5.2	ug/kg	SW846 8260A	
Bromoform		ND	5.2	ug/kg	SW846 8260A	
Bromomethane		ND	10	ug/kg	SW846 8260A	
Carbon tetrachloride		ND	5.2	ug/kg	SW846 8260A	
Chlorobenzene		ND	5.2	ug/kg	SW846 8260A	
Chlorodibromomethane		ND	5.2	ug/kg	SW846 8260A	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB3 (13-15')
Sample #: 004 Date Sampled: 12/11/97 09:40 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Chloroethane	ND	10	ug/kg	SW846 8260A	
Chloroform	ND	5.2	ug/kg	SW846 8260A	
Chloromethane	ND	10	ug/kg	SW846 8260A	
Dichlorobromomethane	ND	5.2	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	5.2	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	5.2	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	5.2	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.2	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	5.2	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A	
Ethylbenzene	ND	5.2	ug/kg	SW846 8260A	
Methylene chloride	16	5.2	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg	SW846 8260A	
Tetrachloroethene	ND	5.2	ug/kg	SW846 8260A	
Toluene	ND	5.2	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	5.2	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	5.2	ug/kg	SW846 8260A	
Trichloroethene	ND	5.2	ug/kg	SW846 8260A	
Vinyl chloride	ND	10	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS TCLP					Reviewed
Benzene	ND	0.025	mg/L	SW846 8260A	
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A	
Chlorobenzene	ND	0.025	mg/L	SW846 8260A	
Chloroform	ND	0.025	mg/L	SW846 8260A	
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A	
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A	
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A	
Tetrachloroethylene	ND	0.025	mg/L	SW846 8260A	
Trichloroethylene	ND	0.025	mg/L	SW846 8260A	
Vinyl chloride	ND	0.050	mg/L	SW846 8260A	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB3 (13-15')
Sample #: 004 Date Sampled: 12/11/97 09:40 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Semivolatile Organic Compounds by GC/MS TCLP				Reviewed
Nitrobenzene	ND	0.050	mg/L	SW846 8270B
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B
Pyridine	ND	0.10	mg/L	SW846 8270B
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B
Hexachloroethane	ND	0.050	mg/L	SW846 8270B
o-Cresol	ND	0.050	mg/L	SW846 8270B
Phenol	ND	0.050	mg/L	SW846 8270B
Inorganic Analysis				Reviewed
Method for Chlorine in Coal	2.7	1.0	%	ASTM D 2361-91
Reactive Cyanide	ND	210	mg/kg	SW846 7.3.3
Hexavalent Chromium	ND	0.02	mg/L	SW846 7196A
Ignitability	NEG		No Units	SW846 SECTION 7.1
DI Leachable pH	9.3		No Units	MCAWW 150.1
Paint Filter Test	NEG		No Units	SW846 9095
Specific Gravity	1.5		No Units	SM18 2710 F
Reactive Sulfide	ND	210	mg/kg	SW846 7.3.4
Total Residue as Percent Solids	95.5	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.
NEG Negative

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB4 (3-5')
Sample #: 005 Date Sampled: 12/12/97 14:00 Date Received: 12/13/97 Matrix: SOLID

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Trivalent chromium						Reviewed
Trivalent Chrom		ND	0.10	mg/L	SW846 7196A	
Inductively Coupled Plasma (ICP) Metals TCLP						Reviewed
Silver	TCLP	ND	0.50	mg/L	SW846 6010A	
Arsenic	TCLP	ND	0.50	mg/L	SW846 6010A	
Barium	TCLP	ND	10.0	mg/L	SW846 6010A	
Cadmium	TCLP	ND	0.10	mg/L	SW846 6010A	
Chromium	TCLP	ND	0.50	mg/L	SW846 6010A	
Copper	TCLP	ND	1.0	mg/L	SW846 6010A	
Nickel	TCLP	0.054	0.040	mg/L	SW846 6010A	
Lead	TCLP	ND	0.50	mg/L	SW846 6010A	
Selenium	TCLP	ND	0.25	mg/L	SW846 6010A	
Zinc	TCLP	ND	1.0	mg/L	SW846 6010A	
Mercury in Liquid Waste (Manual Cold-Vapor) TCLP						Reviewed
Mercury	TCLP	ND	0.0020	mg/L	SW846 7470A	
Organochlorine Pesticides and PCBs						Reviewed
Aroclor 1016		ND	20	ug/kg	SW846 8080A	
Aroclor 1221		ND	20	ug/kg	SW846 8080A	
Aroclor 1232		ND	20	ug/kg	SW846 8080A	
Aroclor 1242		ND	20	ug/kg	SW846 8080A	
Aroclor 1248		ND	20	ug/kg	SW846 8080A	
Aroclor 1254		ND	40	ug/kg	SW846 8080A	
Aroclor 1260		ND	40	ug/kg	SW846 8080A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS						Reviewed
Acrolein		ND	120	ug/kg	SW846 8260A	
Acrylonitrile		ND	120	ug/kg	SW846 8260A	
Benzene		ND	6.1	ug/kg	SW846 8260A	
Bromoform		ND	6.1	ug/kg	SW846 8260A	
Bromomethane		ND	12	ug/kg	SW846 8260A	
Carbon tetrachloride		ND	6.1	ug/kg	SW846 8260A	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB4 (3-5')
Sample #: 005 Date Sampled: 12/12/97 14:00 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Chlorobenzene	ND	6.1	ug/kg	SW846 8260A	
Chlorodibromomethane	ND	6.1	ug/kg	SW846 8260A	
Chloroethane	ND	12	ug/kg	SW846 8260A	
Chloroform	ND	6.1	ug/kg	SW846 8260A	
Chloromethane	ND	12	ug/kg	SW846 8260A	
Dichlorobromomethane	ND	6.1	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	6.1	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	6.1	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	6.1	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	34	6.1	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	6.1	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	6.1	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	6.1	ug/kg	SW846 8260A	
Ethylbenzene	ND	6.1	ug/kg	SW846 8260A	
Methylene chloride	41	6.1	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	6.1	ug/kg	SW846 8260A	
Tetrachloroethene	120	6.1	ug/kg	SW846 8260A	
Toluene	ND	6.1	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	6.1	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	6.1	ug/kg	SW846 8260A	
Trichloroethene	44	6.1	ug/kg	SW846 8260A	
Vinyl chloride	ND	12	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS TCLP					Reviewed
Benzene	ND	0.025	mg/L	SW846 8260A	
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A	
Chlorobenzene	ND	0.025	mg/L	SW846 8260A	
Chloroform	ND	0.025	mg/L	SW846 8260A	
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A	
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A	
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A	
Tetrachloroethylene	0.025	0.025	mg/L	SW846 8260A	
Trichloroethylene	ND	0.025	mg/L	SW846 8260A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB4 (3-5')
Sample #: 005 Date Sampled: 12/12/97 14:00 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS TCLP					Reviewed
Vinyl chloride	ND	0.050	mg/L	SW846 8260A	
Semivolatile Organic Compounds by GC/MS TCLP					Reviewed
Nitrobenzene	ND	0.050	mg/L	SW846 8270B	
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B	
Pyridine	ND	0.10	mg/L	SW846 8270B	
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B	
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B	
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B	
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B	
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B	
Hexachloroethane	ND	0.050	mg/L	SW846 8270B	
o-Cresol	ND	0.050	mg/L	SW846 8270B	
Phenol	ND	0.050	mg/L	SW846 8270B	
Semivolatile Organic Compounds by GC/MS TCLP					Reviewed
Nitrobenzene	ND	0.050	mg/L	SW846 8270B	
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B	
Pyridine	ND	0.10	mg/L	SW846 8270B	
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B	
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B	
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B	
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B	
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B	
Hexachloroethane	ND	0.050	mg/L	SW846 8270B	
o-Cresol	ND	0.050	mg/L	SW846 8270B	
Phenol	ND	0.050	mg/L	SW846 8270B	
Inorganic Analysis					Reviewed
Method for Chlorine in Coal	1.2	1.0	%	ASTM D 2361-91	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Client Sample ID: TB4 (3-5')						
Sample #: 005 Date Sampled: 12/12/97 14:00 Date Received: 12/13/97 Matrix: SOLID						
Reactive Cyanide						Reviewed
Reactive Cyanide		ND	240	mg/kg	SW846 7.3.3	
Hexavalent Chromium		ND	0.02	mg/L	SW846 7196A	
Ignitability		NEG		No Units	SW846 SECTION 7.1	
DI Leachable pH		8.5		No Units	MCAWW 150.1	
Paint Filter Test		NEG		No Units	SW846 9095	
Specific Gravity		1.9		No Units	SM18 2710 F	
Reactive Sulfide		ND	240	mg/kg	SW846 7.3.4	
Total Residue as Percent Solids		82.4	0.10	%	MCAWW 160.3 MOD	

Results and reporting limits have been adjusted for dry weight.
NEG Negative

Client Sample ID: TB4 (14-16')						
Sample #: 006 Date Sampled: 12/12/97 15:30 Date Received: 12/13/97 Matrix: SOLID						
Trivalent chromium						Reviewed
Trivalent Chrom		ND	0.10	mg/L	SW846 7196A	
Inductively Coupled Plasma (ICP) Metals TCLP						Reviewed
Silver	TCLP	ND	0.50	mg/L	SW846 6010A	
Arsenic	TCLP	ND	0.50	mg/L	SW846 6010A	
Barium	TCLP	ND	10.0	mg/L	SW846 6010A	
Cadmium	TCLP	ND	0.10	mg/L	SW846 6010A	
Chromium	TCLP	ND	0.50	mg/L	SW846 6010A	
Copper	TCLP	ND	1.0	mg/L	SW846 6010A	
Nickel	TCLP	ND	0.040	mg/L	SW846 6010A	
Lead	TCLP	ND	0.50	mg/L	SW846 6010A	
Selenium	TCLP	ND	0.25	mg/L	SW846 6010A	
Zinc	TCLP	ND	1.0	mg/L	SW846 6010A	
Mercury in Liquid Waste (Manual Cold-Vapor) TCLP						Reviewed
Mercury	TCLP	ND	0.0020	mg/L	SW846 7470A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

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CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB4 (14-16')
Sample #: 006 Date Sampled: 12/12/97 15:30 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Organochlorine Pesticides and PCBs				Reviewed
Aroclor 1016	ND	17	ug/kg	SW846 8080A
Aroclor 1221	ND	17	ug/kg	SW846 8080A
Aroclor 1232	ND	17	ug/kg	SW846 8080A
Aroclor 1242	ND	17	ug/kg	SW846 8080A
Aroclor 1248	ND	17	ug/kg	SW846 8080A
Aroclor 1254	ND	35	ug/kg	SW846 8080A
Aroclor 1260	ND	35	ug/kg	SW846 8080A

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS				Reviewed
Acrolein	ND	100	ug/kg	SW846 8260A
Acrylonitrile	ND	100	ug/kg	SW846 8260A
Benzene	ND	5.2	ug/kg	SW846 8260A
Bromoform	ND	5.2	ug/kg	SW846 8260A
Bromomethane	ND	10	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.2	ug/kg	SW846 8260A
Chlorobenzene	ND	5.2	ug/kg	SW846 8260A
Chlorodibromomethane	ND	5.2	ug/kg	SW846 8260A
Chloroethane	ND	10	ug/kg	SW846 8260A
Chloroform	ND	5.2	ug/kg	SW846 8260A
Chloromethane	ND	10	ug/kg	SW846 8260A
Dichlorobromomethane	ND	5.2	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.2	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.2	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A
Ethylbenzene	ND	5.2	ug/kg	SW846 8260A
Methylene chloride	8.9	5.2	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg	SW846 8260A
Tetrachloroethene	95	5.2	ug/kg	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

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CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB4 (14-16')
Sample #: 006 Date Sampled: 12/12/97 15:30 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Toluene	ND	5.2	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	5.2	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	5.2	ug/kg	SW846 8260A	
Trichloroethene	21	5.2	ug/kg	SW846 8260A	
Vinyl chloride	ND	10	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS TCLP					Reviewed
Benzene	ND	0.025	mg/L	SW846 8260A	
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A	
Chlorobenzene	ND	0.025	mg/L	SW846 8260A	
Chloroform	ND	0.025	mg/L	SW846 8260A	
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A	
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A	
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A	
Tetrachloroethylene	0.038	0.025	mg/L	SW846 8260A	
Trichloroethylene	ND	0.025	mg/L	SW846 8260A	
Vinyl chloride	ND	0.050	mg/L	SW846 8260A	

Semivolatile Organic Compounds by GC/MS TCLP					Reviewed
Nitrobenzene	ND	0.050	mg/L	SW846 8270B	
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B	
Pyridine	ND	0.10	mg/L	SW846 8270B	
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B	
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B	
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B	
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B	
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B	
Hexachloroethane	ND	0.050	mg/L	SW846 8270B	
o-Cresol	ND	0.050	mg/L	SW846 8270B	
Phenol	ND	0.050	mg/L	SW846 8270B	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB4 (14-16')
Sample #: 006 Date Sampled: 12/12/97 15:30 Date Received: 12/13/97 Matrix: SOLID

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Inorganic Analysis					Reviewed
Method for Chlorine in Coal		2.3	1.0	%	ASTM D 2361-91
Reactive Cyanide		ND	210	mg/kg	SW846 7.3.3
Hexavalent Chromium		ND	0.02	mg/L	SW846 7196A
Ignitability		NEG		No Units	SW846 SECTION 7.1
DI Leachable pH		9.2		No Units	MCAWW 150.1
Paint Filter Test		NEG		No Units	SW846 9095
Specific Gravity		1.5		No Units	SM18 2710 F
Reactive Sulfide		ND	210	mg/kg	SW846 7.3.4
Total Residue as Percent Solids		95.7	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.
NEG Negative

Client Sample ID: TB6 (3-5')
Sample #: 007 Date Sampled: 12/12/97 17:00 Date Received: 12/13/97 Matrix: SOLID

Trivalent chromium					Reviewed
Trivalent Chrom		ND	0.10	mg/L	SW846 7196A
Inductively Coupled Plasma (ICP) Metals TCLP					Reviewed
Silver	TCLP	ND	0.50	mg/L	SW846 6010A
Arsenic	TCLP	ND	0.50	mg/L	SW846 6010A
Barium	TCLP	ND	10.0	mg/L	SW846 6010A
Cadmium	TCLP	ND	0.10	mg/L	SW846 6010A
Chromium	TCLP	ND	0.50	mg/L	SW846 6010A
Copper	TCLP	ND	1.0	mg/L	SW846 6010A
Nickel	TCLP	ND	0.040	mg/L	SW846 6010A
Lead	TCLP	ND	0.50	mg/L	SW846 6010A
Selenium	TCLP	ND	0.25	mg/L	SW846 6010A
Zinc	TCLP	ND	1.0	mg/L	SW846 6010A
Mercury in Liquid Waste (Manual Cold-Vapor) TCLP					Reviewed
Mercury	TCLP	ND	0.0020	mg/L	SW846 7470A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB6 (3-5')
Sample #: 007 Date Sampled: 12/12/97 17:00 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Organochlorine Pesticides and PCBs					Reviewed
Aroclor 1016	ND	23	ug/kg	SW846 8080A	
Aroclor 1221	ND	23	ug/kg	SW846 8080A	
Aroclor 1232	ND	23	ug/kg	SW846 8080A	
Aroclor 1242	ND	23	ug/kg	SW846 8080A	
Aroclor 1248	ND	23	ug/kg	SW846 8080A	
Aroclor 1254	ND	45	ug/kg	SW846 8080A	
Aroclor 1260	ND	45	ug/kg	SW846 8080A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS					Reviewed
Acrolein	ND	140	ug/kg	SW846 8260A	
Acrylonitrile	ND	140	ug/kg	SW846 8260A	
Benzene	ND	6.8	ug/kg	SW846 8260A	
Bromoform	ND	6.8	ug/kg	SW846 8260A	
Bromomethane	ND	14	ug/kg	SW846 8260A	
Carbon tetrachloride	ND	6.8	ug/kg	SW846 8260A	
Chlorobenzene	ND	6.8	ug/kg	SW846 8260A	
Chlorodibromomethane	ND	6.8	ug/kg	SW846 8260A	
Chloroethane	ND	14	ug/kg	SW846 8260A	
Chloroform	ND	6.8	ug/kg	SW846 8260A	
Chloromethane	ND	14	ug/kg	SW846 8260A	
Dichlorobromomethane	ND	6.8	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	6.8	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	6.8	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	6.8	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	9.0	6.8	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	6.8	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	6.8	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	6.8	ug/kg	SW846 8260A	
Ethylbenzene	ND	6.8	ug/kg	SW846 8260A	
Methylene chloride	54	6.8	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	6.8	ug/kg	SW846 8260A	
Tetrachloroethene	ND	6.8	ug/kg	SW846 8260A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQF97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB6 (3-5')
Sample #: 007 Date Sampled: 12/12/97 17:00 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Toluene	ND	6.8	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	6.8	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	6.8	ug/kg	SW846 8260A	
Trichloroethene	64	6.8	ug/kg	SW846 8260A	
Vinyl chloride	ND	14	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS TCLP					Reviewed
Benzene	ND	0.025	mg/L	SW846 8260A	
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A	
Chlorobenzene	ND	0.025	mg/L	SW846 8260A	
Chloroform	ND	0.025	mg/L	SW846 8260A	
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A	
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A	
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A	
Tetrachloroethylene	ND	0.025	mg/L	SW846 8260A	
Trichloroethylene	ND	0.025	mg/L	SW846 8260A	
Vinyl chloride	ND	0.050	mg/L	SW846 8260A	

Semivolatile Organic Compounds by GC/MS TCLP					Reviewed
Nitrobenzene	ND	0.050	mg/L	SW846 8270B	
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B	
Pyridine	ND	0.10	mg/L	SW846 8270B	
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B	
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B	
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B	
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B	
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B	
Hexachloroethane	ND	0.050	mg/L	SW846 8270B	
o-Cresol	ND	0.050	mg/L	SW846 8270B	
Phenol	ND	0.050	mg/L	SW846 8270B	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB6 (3-5')
Sample #: 007 Date Sampled: 12/12/97 17:00 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Inorganic Analysis				Reviewed
Method for Chlorine in Coal	ND	1.0	%	ASTM D 2361-91
Reactive Cyanide	ND	270	mg/kg	SW846 7.3.3
Hexavalent Chromium	ND	0.02	mg/L	SW846 7196A
Ignitability	NEG		No Units	SW846 SECTION 7.1
DI Leachable pH	7.2		No Units	MCAWW 150.1
Paint Filter Test	NEG		No Units	SW846 9095
Specific Gravity	1.5		No Units	SM18 2710 F
Reactive Sulfide	ND	270	mg/kg	SW846 7.3.4
Total Residue as Percent Solids	74.0	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

NEG Negative

Quanterra
Environmental Services

3 chrg 4 / dayton
Building 40B
Dec 97

Date: 01/08/98
Time: 13:51:28
(Mountain Time)

From: Kris Buzash
Quanterra Inc.
4101 Shuffel Drive NW
North Canton, OH 44720

voice: 330-497-9396
fax: 330-497-0772

To: Cathy Dover
Compuchem Environmental

919-3794050

DV3 1/9/98
KRB 1/9/98

Number of Pages
Including Cover Sheet: 19

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Quote Number: 021934
Project Number: YGQP97-00234-T
Project Name/Site: DAYTON THERMAL

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: FB121297
Sample #: 001 Date Sampled: 12/12/97 15:00 Date Received: 12/13/97 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Acrolein	ND	100	ug/L	SW846 8260A	
Acrylonitrile	ND	100	ug/L	SW846 8260A	
Benzene	ND	5.0	ug/L	SW846 8260A	
Bromoform	ND	5.0	ug/L	SW846 8260A	
Bromomethane	ND	10	ug/L	SW846 8260A	
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260A	
Chlorobenzene	ND	5.0	ug/L	SW846 8260A	
Chlorodibromomethane	ND	5.0	ug/L	SW846 8260A	
Chloroethane	ND	10	ug/L	SW846 8260A	
Chloroform	ND	5.0	ug/L	SW846 8260A	
Chloromethane	ND	10	ug/L	SW846 8260A	
Dichlorobromomethane	ND	5.0	ug/L	SW846 8260A	
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260A	
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A	
Ethylbenzene	ND	5.0	ug/L	SW846 8260A	
Methylene chloride	ND	5.0	ug/L	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260A	
Tetrachloroethene	ND	5.0	ug/L	SW846 8260A	
Toluene	ND	5.0	ug/L	SW846 8260A	
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260A	
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260A	
Trichloroethene	ND	5.0	ug/L	SW846 8260A	
Vinyl chloride	ND	10	ug/L	SW846 8260A	

Client Sample ID: TRIP BLANK 121297
Sample #: 002 Date Sampled: 12/12/97 15:00 Date Received: 12/13/97 Matrix: WATER

Volatile Organics by GC/MS					Reviewed
Acrolein	ND	100	ug/L	SW846 8260A	
Acrylonitrile	ND	100	ug/L	SW846 8260A	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Client Sample ID: TRIP BLANK 121297					
Sample #: 002 Date Sampled: 12/12/97 15:00 Date Received: 12/13/97 Matrix: WATER					
Volatile Organics by GC/MS					Reviewed
Benzene	ND	5.0	ug/L	SW846 8260A	
Bromoform	ND	5.0	ug/L	SW846 8260A	
Bromomethane	ND	10	ug/L	SW846 8260A	
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260A	
Chlorobenzene	ND	5.0	ug/L	SW846 8260A	
Chlorodibromomethane	ND	5.0	ug/L	SW846 8260A	
Chloroethane	ND	10	ug/L	SW846 8260A	
Chloroform	ND	5.0	ug/L	SW846 8260A	
Chloromethane	ND	10	ug/L	SW846 8260A	
Dichlorobromomethane	ND	5.0	ug/L	SW846 8260A	
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260A	
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A	
Ethylbenzene	ND	5.0	ug/L	SW846 8260A	
Methylene chloride	ND	5.0	ug/L	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260A	
Tetrachloroethene	ND	5.0	ug/L	SW846 8260A	
Toluene	ND	5.0	ug/L	SW846 8260A	
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260A	
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260A	
Trichloroethene	ND	5.0	ug/L	SW846 8260A	
Vinyl chloride	ND	10	ug/L	SW846 8260A	
Client Sample ID: [illegible]					
Sample #: 003 Date Sampled: 12/11/97 13:20 Date Received: 12/13/97 Matrix: SOLID					
Trivalent chromium					Reviewed
Trivalent Chrom	ND	0.10	mg/L	SW846 7196A	
Inductively Coupled Plasma (ICP) Metals TCLP					Reviewed
Silver TCLP	ND	0.50	mg/L	SW846 6010A	

(Continued on next page)

Quanterra
Environmental Services

Date: 01/08/98
Time: 14:09:47
(Mountain Time)

From: Kris Buzash
Quanterra Inc.
4101 Shuffel Drive NW
North Canton, OH 44720

voice: 330-497-9396
fax: 330-497-0772

To: Cathy Dover
Compuchem Environmental

919-3794050

Number of Pages
Including Cover Sheet: 19

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* PAGES FROM THE PREVIOUS TRANSMISSION. *
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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Client Sample ID: TRIP BLANK 121297					
Sample #: 002 Date Sampled: 12/12/97 15:00 Date Received: 12/13/97 Matrix: WATER					
Volatile Organics by GC/MS					Reviewed
Benzene	ND	5.0	ug/L	SW846 8260A	
Bromoform	ND	5.0	ug/L	SW846 8260A	
Bromomethane	ND	10	ug/L	SW846 8260A	
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260A	
Chlorobenzene	ND	5.0	ug/L	SW846 8260A	
Chlorodibromomethane	ND	5.0	ug/L	SW846 8260A	
Chloroethane	ND	10	ug/L	SW846 8260A	
Chloroform	ND	5.0	ug/L	SW846 8260A	
Chloromethane	ND	10	ug/L	SW846 8260A	
Dichlorobromomethane	ND	5.0	ug/L	SW846 8260A	
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260A	
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A	
Ethylbenzene	ND	5.0	ug/L	SW846 8260A	
Methylene chloride	ND	5.0	ug/L	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260A	
Tetrachloroethene	ND	5.0	ug/L	SW846 8260A	
Toluene	ND	5.0	ug/L	SW846 8260A	
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260A	
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260A	
Trichloroethene	ND	5.0	ug/L	SW846 8260A	
Vinyl chloride	ND	10	ug/L	SW846 8260A	
Client Sample ID: TB1 (7-9')					
Sample #: 003 Date Sampled: 12/11/97 13:20 Date Received: 12/13/97 Matrix: SOLID					
Trivalent chromium					Reviewed
Trivalent Chrom	ND	0.10	mg/L	SW846 7196A	
Inductively Coupled Plasma (ICP) Metals TCLP					Reviewed
Silver TCLP	ND	0.50	mg/L	SW846 6010A	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB1 (7-9')
Sample #: 003 Date Sampled: 12/11/97 13:20 Date Received: 12/13/97 Matrix: SOLID

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Arsenic	TCLP	ND	0.50	mg/L	SW846 6010A	
Barium	TCLP	ND	10.0	mg/L	SW846 6010A	
Cadmium	TCLP	ND	0.10	mg/L	SW846 6010A	
Chromium	TCLP	ND	0.50	mg/L	SW846 6010A	
Copper	TCLP	ND	1.0	mg/L	SW846 6010A	
Nickel	TCLP	0.11	0.040	mg/L	SW846 6010A	
Lead	TCLP	ND	0.50	mg/L	SW846 6010A	
Selenium	TCLP	ND	0.25	mg/L	SW846 6010A	
Zinc	TCLP	ND	1.0	mg/L	SW846 6010A	
Mercury in Liquid Waste (Manual Cold-Vapor)	TCLP					Reviewed
Mercury	TCLP	ND	0.0020	mg/L	SW846 7470A	
Organochlorine Pesticides and PCBs						Reviewed
Aroclor 1016		ND	17	ug/kg	SW846 8080A	
Aroclor 1221		ND	17	ug/kg	SW846 8080A	
Aroclor 1232		ND	17	ug/kg	SW846 8080A	
Aroclor 1242		ND	17	ug/kg	SW846 8080A	
Aroclor 1248		ND	17	ug/kg	SW846 8080A	
Aroclor 1254		ND	35	ug/kg	SW846 8080A	
Aroclor 1260		ND	35	ug/kg	SW846 8080A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS						Reviewed
Acrolein		ND	100	ug/kg	SW846 8260A	
Acrylonitrile		ND	100	ug/kg	SW846 8260A	
Benzene		ND	5.2	ug/kg	SW846 8260A	
Bromoform		ND	5.2	ug/kg	SW846 8260A	
Bromomethane		ND	10	ug/kg	SW846 8260A	
Carbon tetrachloride		ND	5.2	ug/kg	SW846 8260A	
Chlorobenzene		ND	5.2	ug/kg	SW846 8260A	
Chlorodibromomethane		ND	5.2	ug/kg	SW846 8260A	
Chloroethane		ND	10	ug/kg	SW846 8260A	
Chloroform		ND	5.2	ug/kg	SW846 8260A	
Chloromethane		ND	10	ug/kg	SW846 8260A	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB1 (7-9')
Sample #: 003 Date Sampled: 12/11/97 13:20 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Dichlorobromomethane	ND	5.2	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	5.2	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	5.2	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	5.2	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.2	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	5.2	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A	
Ethylbenzene	ND	5.2	ug/kg	SW846 8260A	
Methylene chloride	21	5.2	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg	SW846 8260A	
Tetrachloroethene	ND	5.2	ug/kg	SW846 8260A	
Toluene	ND	5.2	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	5.2	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	5.2	ug/kg	SW846 8260A	
Trichloroethene	ND	5.2	ug/kg	SW846 8260A	
Vinyl chloride	ND	10	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS TCLP					Reviewed
Benzene	ND	0.025	mg/L	SW846 8260A	
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A	
Chlorobenzene	ND	0.025	mg/L	SW846 8260A	
Chloroform	ND	0.025	mg/L	SW846 8260A	
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A	
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A	
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A	
Tetrachloroethylene	ND	0.025	mg/L	SW846 8260A	
Trichloroethylene	ND	0.025	mg/L	SW846 8260A	
Vinyl chloride	ND	0.050	mg/L	SW846 8260A	

Semivolatile Organic Compounds by GC/MS TCLP					Reviewed
Nitrobenzene	ND	0.050	mg/L	SW846 8270B	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB1 (7-9')
Sample #: 003 Date Sampled: 12/11/97 13:20 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Semivolatile Organic Compounds by GC/MS TCLP					Reviewed
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B	
Pyridine	ND	0.10	mg/L	SW846 8270B	
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B	
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B	
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B	
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B	
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B	
Hexachloroethane	ND	0.050	mg/L	SW846 8270B	
o-Cresol	ND	0.050	mg/L	SW846 8270B	
Phenol	ND	0.050	mg/L	SW846 8270B	
Inorganic Analysis					Reviewed
Method for Chlorine in Coal	3.2	1.0	%	ASTM D 2361-91	
Reactive Cyanide	ND	210	mg/kg	SW846 7.3.3	
Hexavalent Chromium	ND	0.02	mg/L	SW846 7196A	
Ignitability	NEG		No Units	SW846 SECTION 7.1	
DI Leachable pH	9.2		No Units	MCAWW 150.1	
Paint Filter Test	NEG		No Units	SW846 9095	
Specific Gravity	1.2		No Units	SM18 2710 F	
Reactive Sulfide	ND	210	mg/kg	SW846 7.3.4	
Total Residue as Percent Solids	95.8	0.10	%	MCAWW 160.3 MOD	

Results and reporting limits have been adjusted for dry weight.
NEG Negative

Client Sample ID: TB3 (13-15')
Sample #: 004 Date Sampled: 12/11/97 09:40 Date Received: 12/13/97 Matrix: SOLID

Trivalent chromium					Reviewed
Trivalent Chrom	ND	0.10	mg/L	SW846 7196A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB3 (13-15')
Sample #: 004 Date Sampled: 12/11/97 09:40 Date Received: 12/13/97 Matrix: SOLID

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Inductively Coupled Plasma (ICP) Metals TCLP						Reviewed
Silver	TCLP	ND	0.50	mg/L	SW846 6010A	
Arsenic	TCLP	ND	0.50	mg/L	SW846 6010A	
Barium	TCLP	ND	10.0	mg/L	SW846 6010A	
Cadmium	TCLP	ND	0.10	mg/L	SW846 6010A	
Chromium	TCLP	ND	0.50	mg/L	SW846 6010A	
Copper	TCLP	ND	1.0	mg/L	SW846 6010A	
Nickel	TCLP	ND	0.040	mg/L	SW846 6010A	
Lead	TCLP	ND	0.50	mg/L	SW846 6010A	
Selenium	TCLP	ND	0.25	mg/L	SW846 6010A	
Zinc	TCLP	ND	1.0	mg/L	SW846 6010A	
Mercury in Liquid Waste (Manual Cold-Vapor) TCLP						Reviewed
Mercury	TCLP	ND	0.0020	mg/L	SW846 7470A	
Organochlorine Pesticides and PCBs						Reviewed
Aroclor 1016		ND	17	ug/kg	SW846 8080A	
Aroclor 1221		ND	17	ug/kg	SW846 8080A	
Aroclor 1232		ND	17	ug/kg	SW846 8080A	
Aroclor 1242		ND	17	ug/kg	SW846 8080A	
Aroclor 1248		ND	17	ug/kg	SW846 8080A	
Aroclor 1254		ND	35	ug/kg	SW846 8080A	
Aroclor 1260		ND	35	ug/kg	SW846 8080A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS						Reviewed
Acrolein		ND	100	ug/kg	SW846 8260A	
Acrylonitrile		ND	100	ug/kg	SW846 8260A	
Benzene		ND	5.2	ug/kg	SW846 8260A	
Bromoform		ND	5.2	ug/kg	SW846 8260A	
Bromomethane		ND	10	ug/kg	SW846 8260A	
Carbon tetrachloride		ND	5.2	ug/kg	SW846 8260A	
Chlorobenzene		ND	5.2	ug/kg	SW846 8260A	
Chlorodibromomethane		ND	5.2	ug/kg	SW846 8260A	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB3 (13-15')
Sample #: 004 Date Sampled: 12/11/97 09:40 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by GC/MS				Reviewed
Chloroethane	ND	10	ug/kg	SW846 8260A
Chloroform	ND	5.2	ug/kg	SW846 8260A
Chloromethane	ND	10	ug/kg	SW846 8260A
Dichlorobromomethane	ND	5.2	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.2	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.2	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A
Ethylbenzene	ND	5.2	ug/kg	SW846 8260A
Methylene chloride	16	5.2	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.2	ug/kg	SW846 8260A
Toluene	ND	5.2	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.2	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.2	ug/kg	SW846 8260A
Trichloroethene	ND	5.2	ug/kg	SW846 8260A
Vinyl chloride	ND	10	ug/kg	SW846 8260A

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS TCLP				Reviewed
Benzene	ND	0.025	mg/L	SW846 8260A
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A
Chlorobenzene	ND	0.025	mg/L	SW846 8260A
Chloroform	ND	0.025	mg/L	SW846 8260A
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A
Tetrachloroethylene	ND	0.025	mg/L	SW846 8260A
Trichloroethylene	ND	0.025	mg/L	SW846 8260A
Vinyl chloride	ND	0.050	mg/L	SW846 8260A

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental

Lot #: A7L150124 DAYTON THERMAL Date Reported: 1/08/98

Project Number: YGQP97-00234-T

Client Sample ID: TB3 (13-15')

Sample #: 004 Date Sampled: 12/11/97 09:40 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Semivolatile Organic Compounds by GC/MS TCLP				Reviewed
Nitrobenzene	ND	0.050	mg/L	SW846 8270B
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B
Pyridine	ND	0.10	mg/L	SW846 8270B
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B
Hexachloroethane	ND	0.050	mg/L	SW846 8270B
o-Cresol	ND	0.050	mg/L	SW846 8270B
Phenol	ND	0.050	mg/L	SW846 8270B
Inorganic Analysis				Reviewed
Method for Chlorine in Coal	2.7	1.0	%	ASTM D 2361-91
Reactive Cyanide	ND	210	mg/kg	SW846 7.3.3
Hexavalent Chromium	ND	0.02	mg/L	SW846 7196A
Ignitability	NEG		No Units	SW846 SECTION 7.1
DI Leachable pH	9.3		No Units	MCAWW 150.1
Paint Filter Test	NEG		No Units	SW846 9095
Specific Gravity	1.5		No Units	SM18 2710 F
Reactive Sulfide	ND	210	mg/kg	SW846 7.3.4
Total Residue as Percent Solids	95.5	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

NEG Negative

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB4 (3-5')
Sample #: 005 Date Sampled: 12/12/97 14:00 Date Received: 12/13/97 Matrix: SOLID

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Trivalent chromium						Reviewed
Trivalent Chrom		ND	0.10	mg/L	SW846 7196A	
Inductively Coupled Plasma (ICP) Metals TCLP						Reviewed
Silver	TCLP	ND	0.50	mg/L	SW846 6010A	
Arsenic	TCLP	ND	0.50	mg/L	SW846 6010A	
Barium	TCLP	ND	10.0	mg/L	SW846 6010A	
Cadmium	TCLP	ND	0.10	mg/L	SW846 6010A	
Chromium	TCLP	ND	0.50	mg/L	SW846 6010A	
Copper	TCLP	ND	1.0	mg/L	SW846 6010A	
Nickel	TCLP	0.054	0.040	mg/L	SW846 6010A	
Lead	TCLP	ND	0.50	mg/L	SW846 6010A	
Selenium	TCLP	ND	0.25	mg/L	SW846 6010A	
Zinc	TCLP	ND	1.0	mg/L	SW846 6010A	
Mercury in Liquid Waste (Manual Cold-Vapor) TCLP						Reviewed
Mercury	TCLP	ND	0.0020	mg/L	SW846 7470A	
Organochlorine Pesticides and PCBs						Reviewed
Aroclor 1016		ND	20	ug/kg	SW846 8080A	
Aroclor 1221		ND	20	ug/kg	SW846 8080A	
Aroclor 1232		ND	20	ug/kg	SW846 8080A	
Aroclor 1242		ND	20	ug/kg	SW846 8080A	
Aroclor 1248		ND	20	ug/kg	SW846 8080A	
Aroclor 1254		ND	40	ug/kg	SW846 8080A	
Aroclor 1260		ND	40	ug/kg	SW846 8080A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS						Reviewed
Acrolein		ND	120	ug/kg	SW846 8260A	
Acrylonitrile		ND	120	ug/kg	SW846 8260A	
Benzene		ND	6.1	ug/kg	SW846 8260A	
Bromoform		ND	6.1	ug/kg	SW846 8260A	
Bromomethane		ND	12	ug/kg	SW846 8260A	
Carbon tetrachloride		ND	6.1	ug/kg	SW846 8260A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB4 (3-5')
Sample #: 005 Date Sampled: 12/12/97 14:00 Date Received: 12/13/97 Matrix: SOLID

Volatile Organics by GC/MS — Reviewed

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Chlorobenzene	ND	6.1	ug/kg	SW846 8260A
Chlorodibromomethane	ND	6.1	ug/kg	SW846 8260A
Chloroethane	ND	12	ug/kg	SW846 8260A
Chloroform	ND	6.1	ug/kg	SW846 8260A
Chloromethane	ND	12	ug/kg	SW846 8260A
Dichlorobromomethane	ND	6.1	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	6.1	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	6.1	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	6.1	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	34	6.1	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	6.1	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	6.1	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	6.1	ug/kg	SW846 8260A
Ethylbenzene	ND	6.1	ug/kg	SW846 8260A
Methylene chloride	41	6.1	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	6.1	ug/kg	SW846 8260A
Tetrachloroethene	120	6.1	ug/kg	SW846 8260A
Toluene	ND	6.1	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	6.1	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	6.1	ug/kg	SW846 8260A
Trichloroethene	44	6.1	ug/kg	SW846 8260A
Vinyl chloride	ND	12	ug/kg	SW846 8260A

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS TCLP — Reviewed

Benzene	ND	0.025	mg/L	SW846 8260A
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A
Chlorobenzene	ND	0.025	mg/L	SW846 8260A
Chloroform	ND	0.025	mg/L	SW846 8260A
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A
Tetrachloroethylene	0.025	0.025	mg/L	SW846 8260A
Trichloroethylene	ND	0.025	mg/L	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB4 (3-5')
Sample #: 005 Date Sampled: 12/12/97 14:00 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS TCLP					Reviewed
Vinyl chloride	ND	0.050	mg/L	SW846 8260A	
Semivolatile Organic Compounds by GC/MS TCLP					Reviewed
Nitrobenzene	ND	0.050	mg/L	SW846 8270B	
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B	
Pyridine	ND	0.10	mg/L	SW846 8270B	
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B	
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B	
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B	
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B	
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B	
Hexachloroethane	ND	0.050	mg/L	SW846 8270B	
o-Cresol	ND	0.050	mg/L	SW846 8270B	
Phenol	ND	0.050	mg/L	SW846 8270B	
Semivolatile Organic Compounds by GC/MS TCLP					Reviewed
Nitrobenzene	ND	0.050	mg/L	SW846 8270B	
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B	
Pyridine	ND	0.10	mg/L	SW846 8270B	
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B	
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B	
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B	
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B	
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B	
Hexachloroethane	ND	0.050	mg/L	SW846 8270B	
o-Cresol	ND	0.050	mg/L	SW846 8270B	
Phenol	ND	0.050	mg/L	SW846 8270B	
Inorganic Analysis					Reviewed
Method for Chlorine in Coal	1.2	1.0	%	ASTM D 2361-91	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB4 (3-5')
Sample #: 005 Date Sampled: 12/12/97 14:00 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Reactive Cyanide					Reviewed
Reactive Cyanide	ND	240	mg/kg	SW846 7.3.3	
Hexavalent Chromium	ND	0.02	mg/L	SW846 7196A	
Ignitability	NEG		No Units	SW846 SECTION 7.1	
DI Leachable pH	8.5		No Units	MCAWW 150.1	
Paint Filter Test	NEG		No Units	SW846 9095	
Specific Gravity	1.9		No Units	SM18 2710 F	
Reactive Sulfide	ND	240	mg/kg	SW846 7.3.4	
Total Residue as Percent Solids	82.4	0.10	%	MCAWW 160.3 MOD	

Results and reporting limits have been adjusted for dry weight.
NEC Negative

Client Sample ID: TB4 (14-16')
Sample #: 006 Date Sampled: 12/12/97 15:30 Date Received: 12/13/97 Matrix: SOLID

Trivalent chromium						Reviewed
Trivalent Chrom		ND	0.10	mg/L	SW846 7196A	
Inductively Coupled Plasma (ICP) Metals TCLP						Reviewed
Silver	TCLP	ND	0.50	mg/L	SW846 6010A	
Arsenic	TCLP	ND	0.50	mg/L	SW846 6010A	
Barium	TCLP	ND	10.0	mg/L	SW846 6010A	
Cadmium	TCLP	ND	0.10	mg/L	SW846 6010A	
Chromium	TCLP	ND	0.50	mg/L	SW846 6010A	
Copper	TCLP	ND	1.0	mg/L	SW846 6010A	
Nickel	TCLP	ND	0.040	mg/L	SW846 6010A	
Lead	TCLP	ND	0.50	mg/L	SW846 6010A	
Selenium	TCLP	ND	0.25	mg/L	SW846 6010A	
Zinc	TCLP	ND	1.0	mg/L	SW846 6010A	
Mercury in Liquid Waste (Manual Cold-Vapor) TCLP						Reviewed
Mercury	TCLP	ND	0.0020	mg/L	SW846 7470A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB4 (14-16')
Sample #: 006 Date Sampled: 12/12/97 15:30 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Organochlorine Pesticides and PCBs					Reviewed
Aroclor 1016	ND	17	ug/kg	SW846 8080A	
Aroclor 1221	ND	17	ug/kg	SW846 8080A	
Aroclor 1232	ND	17	ug/kg	SW846 8080A	
Aroclor 1242	ND	17	ug/kg	SW846 8080A	
Aroclor 1248	ND	17	ug/kg	SW846 8080A	
Aroclor 1254	ND	35	ug/kg	SW846 8080A	
Aroclor 1260	ND	35	ug/kg	SW846 8080A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS					Reviewed
Acrolein	ND	100	ug/kg	SW846 8260A	
Acrylonitrile	ND	100	ug/kg	SW846 8260A	
Benzene	ND	5.2	ug/kg	SW846 8260A	
Bromoform	ND	5.2	ug/kg	SW846 8260A	
Bromomethane	ND	10	ug/kg	SW846 8260A	
Carbon tetrachloride	ND	5.2	ug/kg	SW846 8260A	
Chlorobenzene	ND	5.2	ug/kg	SW846 8260A	
Chlorodibromomethane	ND	5.2	ug/kg	SW846 8260A	
Chloroethane	ND	10	ug/kg	SW846 8260A	
Chloroform	ND	5.2	ug/kg	SW846 8260A	
Chloromethane	ND	10	ug/kg	SW846 8260A	
Dichlorobromomethane	ND	5.2	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	5.2	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	5.2	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	5.2	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.2	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	5.2	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A	
Ethylbenzene	ND	5.2	ug/kg	SW846 8260A	
Methylene chloride	8.9	5.2	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg	SW846 8260A	
Tetrachloroethene	95	5.2	ug/kg	SW846 8260A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

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CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB4 (14-16')
Sample #: 006 Date Sampled: 12/12/97 15:30 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Toluene	ND	5.2	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	5.2	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	5.2	ug/kg	SW846 8260A	
Trichloroethene	21	5.2	ug/kg	SW846 8260A	
Vinyl chloride	ND	10	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS TCLP					Reviewed
Benzene	ND	0.025	mg/L	SW846 8260A	
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A	
Chlorobenzene	ND	0.025	mg/L	SW846 8260A	
Chloroform	ND	0.025	mg/L	SW846 8260A	
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A	
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A	
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A	
Tetrachloroethylene	0.038	0.025	mg/L	SW846 8260A	
Trichloroethylene	ND	0.025	mg/L	SW846 8260A	
Vinyl chloride	ND	0.050	mg/L	SW846 8260A	

Semivolatile Organic Compounds by GC/MS TCLP					Reviewed
Nitrobenzene	ND	0.050	mg/L	SW846 8270B	
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B	
Pyridine	ND	0.10	mg/L	SW846 8270B	
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B	
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B	
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B	
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B	
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B	
Hexachloroethane	ND	0.050	mg/L	SW846 8270B	
o-Cresol	ND	0.050	mg/L	SW846 8270B	
Phenol	ND	0.050	mg/L	SW846 8270B	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB4 (14-16')
Sample #: 006 Date Sampled: 12/12/97 15:30 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Inorganic Analysis					Reviewed
Method for Chlorine in Coal	2.3	1.0	%	ASTM D 2361-91	
Reactive Cyanide	ND	210	mg/kg	SW846 7.3.3	
Hexavalent Chromium	ND	0.02	mg/L	SW846 7196A	
Ignitability	NEG		No Units	SW846 SECTION 7.1	
DI Leachable pH	9.2		No Units	MCAWW 150.1	
Paint Filter Test	NEG		No Units	SW846 9095	
Specific Gravity	1.5		No Units	SM18 2710 F	
Reactive Sulfide	ND	210	mg/kg	SW846 7.3.4	
Total Residue as Percent Solids	95.7	0.10	%	MCAWW 160.3 MOD	

Results and reporting limits have been adjusted for dry weight.
NEG Negative

Client Sample ID: TB6 (3-5')
Sample #: 007 Date Sampled: 12/12/97 17:00 Date Received: 12/13/97 Matrix: SOLID

Trivalent chromium						Reviewed
Trivalent Chrom		ND	0.10	mg/L	SW846 7196A	
Inductively Coupled Plasma (ICP) Metals TCLP						Reviewed
Silver	TCLP	ND	0.50	mg/L	SW846 6010A	
Arsenic	TCLP	ND	0.50	mg/L	SW846 6010A	
Barium	TCLP	ND	10.0	mg/L	SW846 6010A	
Cadmium	TCLP	ND	0.10	mg/L	SW846 6010A	
Chromium	TCLP	ND	0.50	mg/L	SW846 6010A	
Copper	TCLP	ND	1.0	mg/L	SW846 6010A	
Nickel	TCLP	ND	0.040	mg/L	SW846 6010A	
Lead	TCLP	ND	0.50	mg/L	SW846 6010A	
Selenium	TCLP	ND	0.25	mg/L	SW846 6010A	
Zinc	TCLP	ND	1.0	mg/L	SW846 6010A	
Mercury in Liquid Waste (Manual Cold-Vapor) TCLP						Reviewed
Mercury	TCLP	ND	0.0020	mg/L	SW846 7470A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB6 (3-5')
Sample #: 007 Date Sampled: 12/12/97 17:00 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Organochlorine Pesticides and PCBs					Reviewed
Aroclor 1016	ND	23	ug/kg	SW846 8080A	
Aroclor 1221	ND	23	ug/kg	SW846 8080A	
Aroclor 1232	ND	23	ug/kg	SW846 8080A	
Aroclor 1242	ND	23	ug/kg	SW846 8080A	
Aroclor 1248	ND	23	ug/kg	SW846 8080A	
Aroclor 1254	ND	45	ug/kg	SW846 8080A	
Aroclor 1260	ND	45	ug/kg	SW846 8080A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS					Reviewed
Acrolein	ND	140	ug/kg	SW846 8260A	
Acrylonitrile	ND	140	ug/kg	SW846 8260A	
Benzene	ND	6.8	ug/kg	SW846 8260A	
Bromoform	ND	6.8	ug/kg	SW846 8260A	
Bromomethane	ND	14	ug/kg	SW846 8260A	
Carbon tetrachloride	ND	6.8	ug/kg	SW846 8260A	
Chlorobenzene	ND	6.8	ug/kg	SW846 8260A	
Chlorodibromomethane	ND	6.8	ug/kg	SW846 8260A	
Chloroethane	ND	14	ug/kg	SW846 8260A	
Chloroform	ND	6.8	ug/kg	SW846 8260A	
Chloromethane	ND	14	ug/kg	SW846 8260A	
Dichlorobromomethane	ND	6.8	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	6.8	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	6.8	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	6.8	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	9.0	6.8	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	6.8	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	6.8	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	6.8	ug/kg	SW846 8260A	
Ethylbenzene	ND	6.8	ug/kg	SW846 8260A	
Methylene chloride	54	6.8	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	6.8	ug/kg	SW846 8260A	
Tetrachloroethene	ND	6.8	ug/kg	SW846 8260A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB6 (3-5')
Sample #: 007 Date Sampled: 12/12/97 17:00 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Toluene	ND	6.8	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	ND	6.8	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	6.8	ug/kg	SW846 8260A	
Trichloroethene	64	6.8	ug/kg	SW846 8260A	
Vinyl chloride	ND	14	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS TCLP					Reviewed
Benzene	ND	0.025	mg/L	SW846 8260A	
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A	
Chlorobenzene	ND	0.025	mg/L	SW846 8260A	
Chloroform	ND	0.025	mg/L	SW846 8260A	
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A	
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A	
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A	
Tetrachloroethylene	ND	0.025	mg/L	SW846 8260A	
Trichloroethylene	ND	0.025	mg/L	SW846 8260A	
Vinyl chloride	ND	0.050	mg/L	SW846 8260A	

Semivolatile Organic Compounds by GC/MS TCLP					Reviewed
Nitrobenzene	ND	0.050	mg/L	SW846 8270B	
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B	
Pyridine	ND	0.10	mg/L	SW846 8270B	
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B	
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B	
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B	
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B	
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B	
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B	
Hexachloroethane	ND	0.050	mg/L	SW846 8270B	
o-Cresol	ND	0.050	mg/L	SW846 8270B	
Phenol	ND	0.050	mg/L	SW846 8270B	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L150124 Date Reported: 1/08/98

Client Sample ID: TB6 (3-5')
Sample #: 007 Date Sampled: 12/12/97 17:00 Date Received: 12/13/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Inorganic Analysis				Reviewed
Method for Chlorine in Coal	ND	1.0	%	ASTM D 2361-91
Reactive Cyanide	ND	270	mg/kg	SW846 7.3.3
Hexavalent Chromium	ND	0.02	mg/L	SW846 7196A
Ignitability	NEG		No Units	SW846 SECTION 7.1
DI Leachable pH	7.2		No Units	MCAWW 150.1
Paint Filter Test	NEG		No Units	SW846 9095
Specific Gravity	1.5		No Units	SM18 2710 F
Reactive Sulfide	ND	270	mg/kg	SW846 7.3.4
Total Residue as Percent Solids	74.0	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

NEC Negative

Quanterra
Environmental Services

Date: 01/08/98
Time: 13:36:59
(Mountain Time)

From: Kris Buzash
Quanterra Inc.
4101 Shuffel Drive NW
North Canton, OH 44720

voice: 330-497-9396
fax: 330-497-0772

To: Cathy Dover
Compuchem Environmental

919-3794050

Number of Pages
Including Cover Sheet: 12

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Quote Number: 021934
Project Number: YGQP97-00234-T
Project Name/Site: DAYTON THERMAL

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

Client Sample ID: FB121397
Sample #: 001 Date Sampled: 12/13/97 10:40 Date Received: 12/16/97 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					In Review
Acrolein	ND	100	ug/L	SW846 8260A	
Acrylonitrile	ND	100	ug/L	SW846 8260A	
Benzene	ND	5.0	ug/L	SW846 8260A	
Bromoform	ND	5.0	ug/L	SW846 8260A	
Bromomethane	ND	10	ug/L	SW846 8260A	
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260A	
Chlorobenzene	ND	5.0	ug/L	SW846 8260A	
Chlorodibromomethane	ND	5.0	ug/L	SW846 8260A	
Chloroethane	ND	10	ug/L	SW846 8260A	
Chloroform	ND	5.0	ug/L	SW846 8260A	
Chloromethane	ND	10	ug/L	SW846 8260A	
Dichlorobromomethane	ND	5.0	ug/L	SW846 8260A	
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260A	
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A	
Ethylbenzene	ND	5.0	ug/L	SW846 8260A	
Methylene chloride	ND	5.0	ug/L	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260A	
Tetrachloroethene	ND	5.0	ug/L	SW846 8260A	
Toluene	ND	5.0	ug/L	SW846 8260A	
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260A	
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260A	
Trichloroethene	ND	5.0	ug/L	SW846 8260A	
Vinyl chloride	ND	10	ug/L	SW846 8260A	

Client Sample ID: TB121397
Sample #: 002 Date Sampled: 12/13/97 10:40 Date Received: 12/16/97 Matrix: WATER

Volatile Organics by GC/MS					In Review
Acrolein	ND	100	ug/L	SW846 8260A	
Acrylonitrile	ND	100	ug/L	SW846 8260A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Client Sample ID: TB121397					
Sample #: 002 Date Sampled: 12/13/97 10:40 Date Received: 12/16/97 Matrix: WATER					
Volatile Organics by GC/MS					In Review
Benzene	ND	5.0	ug/L	SW846 8260A	
Bromoform	ND	5.0	ug/L	SW846 8260A	
Bromomethane	ND	10	ug/L	SW846 8260A	
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260A	
Chlorobenzene	ND	5.0	ug/L	SW846 8260A	
Chlorodibromomethane	ND	5.0	ug/L	SW846 8260A	
Chloroethane	ND	10	ug/L	SW846 8260A	
Chloroform	ND	5.0	ug/L	SW846 8260A	
Chloromethane	ND	10	ug/L	SW846 8260A	
Dichlorobromomethane	ND	5.0	ug/L	SW846 8260A	
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260A	
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloroethene (total)	ND	5.0	ug/L	SW846 8260A	
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260A	
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A	
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A	
Ethylbenzene	ND	5.0	ug/L	SW846 8260A	
Methylene chloride	ND	5.0	ug/L	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260A	
Tetrachloroethene	ND	5.0	ug/L	SW846 8260A	
Toluene	ND	5.0	ug/L	SW846 8260A	
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260A	
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260A	
Trichloroethene	ND	5.0	ug/L	SW846 8260A	
Vinyl chloride	ND	10	ug/L	SW846 8260A	
Client Sample ID: TB9(3-5')					
Sample #: 003 Date Sampled: 12/13/97 09:30 Date Received: 12/16/97 Matrix: SOLID					
Trivalent chromium					Reviewed
Trivalent Chrom	ND	0.10	mg/L	SW846 7196A	
Inductively Coupled Plasma (ICP) Metals TCLP					Reviewed
Silver TCLP	ND	0.50	mg/L	SW846 6010A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

Client Sample ID: TB9(3-5')
Sample #: 003 Date Sampled: 12/13/97 09:30 Date Received: 12/16/97 Matrix: SOLID

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Arsenic	TCLP	ND	0.50	mg/L	SW846 6010A	
Barium	TCLP	ND	10.0	mg/L	SW846 6010A	
Cadmium	TCLP	ND	0.10	mg/L	SW846 6010A	
Chromium	TCLP	ND	0.50	mg/L	SW846 6010A	
Copper	TCLP	ND	1.0	mg/L	SW846 6010A	
Nickel	TCLP	ND	0.040	mg/L	SW846 6010A	
Lead	TCLP	ND	0.50	mg/L	SW846 6010A	
Selenium	TCLP	ND	0.25	mg/L	SW846 6010A	
Zinc	TCLP	ND	1.0	mg/L	SW846 6010A	
Mercury in Liquid Waste (Manual Cold-Vapor)			TCLP			Reviewed
Mercury	TCLP	ND	0.0020	mg/L	SW846 7470A	
Organochlorine Pesticides and PCBs						Reviewed
Aroclor 1016		ND	19	ug/kg	SW846 8080A	
Aroclor 1221		ND	19	ug/kg	SW846 8080A	
Aroclor 1232		ND	19	ug/kg	SW846 8080A	
Aroclor 1242		ND	19	ug/kg	SW846 8080A	
Aroclor 1248		ND	19	ug/kg	SW846 8080A	
Aroclor 1254		ND	37	ug/kg	SW846 8080A	
Aroclor 1260		ND	37	ug/kg	SW846 8080A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS						In Review
Acrolein		ND	280000	ug/kg	SW846 8260A	
Acrylonitrile		ND	280000	ug/kg	SW846 8260A	
Benzene		ND	14000	ug/kg	SW846 8260A	
Bromoform		ND	14000	ug/kg	SW846 8260A	
Bromomethane		ND	28000	ug/kg	SW846 8260A	
Carbon tetrachloride		ND	14000	ug/kg	SW846 8260A	
Chlorobenzene		ND	14000	ug/kg	SW846 8260A	
Chlorodibromomethane		ND	14000	ug/kg	SW846 8260A	
Chloroethane		ND	28000	ug/kg	SW846 8260A	
Chloroform		ND	14000	ug/kg	SW846 8260A	
Chloromethane		ND	28000	ug/kg	SW846 8260A	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

Client Sample ID: TB9(3-5')
Sample #: 003 Date Sampled: 12/13/97 09:30 Date Received: 12/16/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					In Review
Dichlorobromomethane	ND	14000	ug/kg	SW846 8260A	
1,1-Dichloroethane	ND	14000	ug/kg	SW846 8260A	
1,2-Dichloroethane	ND	14000	ug/kg	SW846 8260A	
1,1-Dichloroethene	ND	14000	ug/kg	SW846 8260A	
1,2-Dichloroethene (total)	20000	14000	ug/kg	SW846 8260A	
1,2-Dichloropropane	ND	14000	ug/kg	SW846 8260A	
cis-1,3-Dichloropropene	ND	14000	ug/kg	SW846 8260A	
trans-1,3-Dichloropropene	ND	14000	ug/kg	SW846 8260A	
Ethylbenzene	ND	14000	ug/kg	SW846 8260A	
Methylene chloride	ND	14000	ug/kg	SW846 8260A	
1,1,2,2-Tetrachloroethane	ND	14000	ug/kg	SW846 8260A	
Tetrachloroethene	180000	14000	ug/kg	SW846 8260A	
Toluene	ND	14000	ug/kg	SW846 8260A	
1,1,1-Trichloroethane	25000	14000	ug/kg	SW846 8260A	
1,1,2-Trichloroethane	ND	14000	ug/kg	SW846 8260A	
Trichloroethene	380000	14000	ug/kg	SW846 8260A	
Vinyl chloride	ND	28000	ug/kg	SW846 8260A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS TCLP					In Review
Benzene	ND	0.025	mg/L	SW846 8260A	
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A	
Chlorobenzene	ND	0.025	mg/L	SW846 8260A	
Chloroform	ND	0.025	mg/L	SW846 8260A	
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A	
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A	
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A	
Tetrachloroethylene	0.19	0.025	mg/L	SW846 8260A	
Trichloroethylene	0.70	0.025	mg/L	SW846 8260A	
Vinyl chloride	ND	0.050	mg/L	SW846 8260A	

Semivolatile Organic Compounds by GC/MS TCLP					Reviewed
Nitrobenzene	ND	0.050	mg/L	SW846 8270B	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

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CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

Client Sample ID: TB9(3-5')
Sample #: 003 Date Sampled: 12/13/97 09:30 Date Received: 12/16/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Semivolatile Organic Compounds by GC/MS TCLP				Reviewed
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B
Pyridine	ND	0.10	mg/L	SW846 8270B
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B
Hexachloroethane	ND	0.050	mg/L	SW846 8270B
o-Cresol	ND	0.050	mg/L	SW846 8270B
Phenol	ND	0.050	mg/L	SW846 8270B
Inorganic Analysis				In Review
Method for Chlorine in Coal	IN PROCESS	0.10	%	ASTM D 2361-91
Reactive Cyanide	ND	220	mg/kg	SW846 7.3.3
Hexavalent Chromium	ND	0.02	mg/L	SW846 7196A
Ignitability	NEG		No Units	SW846 SECTION 7.1
DI Leachable pH	8.5		No Units	MCAWW 150.1
Paint Filter Test	NEG		No Units	SW846 9095
Specific Gravity	1.3		No Units	SM18 2710 F
Reactive Sulfide	ND	220	mg/kg	SW846 7.3.4
Total Residue as Percent Solids	89.6	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.
NEG Negative

Client Sample ID: TB12(5-7')
Sample #: 004 Date Sampled: 12/13/97 10:50 Date Received: 12/16/97 Matrix: SOLID

Trivalent chromium				Reviewed
Trivalent Chrom	ND	0.10	mg/L	SW846 7196A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

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CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

Client Sample ID: TB12(5-7')
Sample #: 004 Date Sampled: 12/13/97 10:50 Date Received: 12/16/97 Matrix: SOLID

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Inductively Coupled Plasma (ICP) Metals TCLP						Reviewed
Silver	TCLP	ND	0.50	mg/L	SW846 6010A	
Arsenic	TCLP	ND	0.50	mg/L	SW846 6010A	
Barium	TCLP	ND	10.0	mg/L	SW846 6010A	
Cadmium	TCLP	ND	0.10	mg/L	SW846 6010A	
Chromium	TCLP	ND	0.50	mg/L	SW846 6010A	
Copper	TCLP	ND	1.0	mg/L	SW846 6010A	
Nickel	TCLP	ND	0.040	mg/L	SW846 6010A	
Lead	TCLP	ND	0.50	mg/L	SW846 6010A	
Selenium	TCLP	ND	0.25	mg/L	SW846 6010A	
Zinc	TCLP	ND	1.0	mg/L	SW846 6010A	
Mercury in Liquid Waste (Manual Cold-Vapor) TCLP						Reviewed
Mercury	TCLP	ND	0.0020	mg/L	SW846 7470A	
Organochlorine Pesticides and PCBs						Reviewed
Aroclor 1016		ND	18	ug/kg	SW846 8080A	
Aroclor 1221		ND	18	ug/kg	SW846 8080A	
Aroclor 1232		ND	18	ug/kg	SW846 8080A	
Aroclor 1242		ND	18	ug/kg	SW846 8080A	
Aroclor 1248		ND	18	ug/kg	SW846 8080A	
Aroclor 1254		ND	35	ug/kg	SW846 8080A	
Aroclor 1260		ND	35	ug/kg	SW846 8080A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS						In Review
Acrolein		ND	100	ug/kg	SW846 8260A	
Acrylonitrile		ND	100	ug/kg	SW846 8260A	
Benzene		ND	5.2	ug/kg	SW846 8260A	
Bromoform		ND	5.2	ug/kg	SW846 8260A	
Bromomethane		ND	10	ug/kg	SW846 8260A	
Carbon tetrachloride		ND	5.2	ug/kg	SW846 8260A	
Chlorobenzene		ND	5.2	ug/kg	SW846 8260A	
Chlorodibromomethane		ND	5.2	ug/kg	SW846 8260A	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

Client Sample ID: TB12(5-7')
Sample #: 004 Date Sampled: 12/13/97 10:50 Date Received: 12/16/97 Matrix: SOLID

Volatile Organics by GC/MS — In Review

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Chloroethane	ND	10	ug/kg	SW846 8260A
Chloroform	ND	5.2	ug/kg	SW846 8260A
Chloromethane	ND	10	ug/kg	SW846 8260A
Dichlorobromomethane	ND	5.2	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.2	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.2	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A
Ethylbenzene	ND	5.2	ug/kg	SW846 8260A
Methylene chloride	ND	5.2	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.2	ug/kg	SW846 8260A
Toluene	ND	5.2	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.2	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.2	ug/kg	SW846 8260A
Trichloroethene	ND	5.2	ug/kg	SW846 8260A
Vinyl chloride	ND	10	ug/kg	SW846 8260A

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS TCLP — In Review

Benzene	ND	0.025	mg/L	SW846 8260A
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A
Chlorobenzene	ND	0.025	mg/L	SW846 8260A
Chloroform	ND	0.025	mg/L	SW846 8260A
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A
Tetrachloroethylene	ND	0.025	mg/L	SW846 8260A
Trichloroethylene	ND	0.025	mg/L	SW846 8260A
Vinyl chloride	ND	0.050	mg/L	SW846 8260A

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

Client Sample ID: TB12(5-7')
Sample #: 004 Date Sampled: 12/13/97 10:50 Date Received: 12/16/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Semivolatile Organic Compounds by GC/MS TCLP				Reviewed
Nitrobenzene	ND	0.050	mg/L	SW846 8270B
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B
Pyridine	ND	0.10	mg/L	SW846 8270B
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B
Hexachloroethane	ND	0.050	mg/L	SW846 8270B
o-Cresol	ND	0.050	mg/L	SW846 8270B
Phenol	0.072	0.050	mg/L	SW846 8270B
Inorganic Analysis				In Review
Method for Chlorine in Coal	IN PROCESS	0.10	%	ASTM D 2361-91
Reactive Cyanide	ND	210	mg/kg	SW846 7.3.3
Hexavalent Chromium	ND	0.02	mg/L	SW846 7196A
Ignitability	NEG		No Units	SW846 SECTION 7.1
DI Leachable pH	9.3		No Units	MCAWW 150.1
Paint Filter Test	NEG		No Units	SW846 9095
Specific Gravity	1.5		No Units	SM18 2710 F
Reactive Sulfide	ND	210	mg/kg	SW846 7.3.4
Total Residue as Percent Solids	95.3	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

NEG Negative

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

Client Sample ID: TB10(1-3')
Sample #: 005 Date Sampled: 12/13/97 12:00 Date Received: 12/16/97 Matrix: SOLID

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Trivalent chromium						Reviewed
Trivalent Chrom		ND	0.10	mg/L	SW846 7196A	
Inductively Coupled Plasma (ICP) Metals TCLP						Reviewed
Silver	TCLP	ND	0.50	mg/L	SW846 6010A	
Arsenic	TCLP	ND	0.50	mg/L	SW846 6010A	
Barium	TCLP	ND	10.0	mg/L	SW846 6010A	
Cadmium	TCLP	ND	0.10	mg/L	SW846 6010A	
Chromium	TCLP	ND	0.50	mg/L	SW846 6010A	
Copper	TCLP	ND	1.0	mg/L	SW846 6010A	
Nickel	TCLP	ND	0.040	mg/L	SW846 6010A	
Lead	TCLP	ND	0.50	mg/L	SW846 6010A	
Selenium	TCLP	ND	0.25	mg/L	SW846 6010A	
Zinc	TCLP	ND	1.0	mg/L	SW846 6010A	
Mercury in Liquid Waste (Manual Cold-Vapor) TCLP						Reviewed
Mercury	TCLP	ND	0.0020	mg/L	SW846 7470A	
Organochlorine Pesticides and PCBs						Reviewed
Aroclor 1016		ND	19	ug/kg	SW846 8080A	
Aroclor 1221		ND	19	ug/kg	SW846 8080A	
Aroclor 1232		ND	19	ug/kg	SW846 8080A	
Aroclor 1242		ND	19	ug/kg	SW846 8080A	
Aroclor 1248		ND	19	ug/kg	SW846 8080A	
Aroclor 1254		ND	37	ug/kg	SW846 8080A	
Aroclor 1260		ND	37	ug/kg	SW846 8080A	

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS						In Review
Acrolein		ND	280000	ug/kg	SW846 8260A	
Acrylonitrile		ND	280000	ug/kg	SW846 8260A	
Benzene		ND	14000	ug/kg	SW846 8260A	
Bromoform		ND	14000	ug/kg	SW846 8260A	
Bromomethane		ND	28000	ug/kg	SW846 8260A	
Carbon tetrachloride		ND	14000	ug/kg	SW846 8260A	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

Client Sample ID: TB10(1-3')
Sample #: 005 Date Sampled: 12/13/97 12:00 Date Received: 12/16/97 Matrix: SOLID

Volatile Organics by GC/MS — In Review

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Chlorobenzene	ND	14000	ug/kg	SW846 8260A
Chlorodibromomethane	ND	14000	ug/kg	SW846 8260A
Chloroethane	ND	28000	ug/kg	SW846 8260A
Chloroform	ND	14000	ug/kg	SW846 8260A
Chloromethane	ND	28000	ug/kg	SW846 8260A
Dichlorobromomethane	ND	14000	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	14000	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	14000	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	14000	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	65000	14000	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	14000	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	14000	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	14000	ug/kg	SW846 8260A
Ethylbenzene	ND	14000	ug/kg	SW846 8260A
Methylene chloride	ND	14000	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	14000	ug/kg	SW846 8260A
Tetrachloroethene	43000	14000	ug/kg	SW846 8260A
Toluene	ND	14000	ug/kg	SW846 8260A
1,1,1-Trichloroethane	15000	14000	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	14000	ug/kg	SW846 8260A
Trichloroethene	420000	14000	ug/kg	SW846 8260A
Vinyl chloride	ND	28000	ug/kg	SW846 8260A

Results and reporting limits have been adjusted for dry weight.

Volatile Organics by GC/MS TCLP — In Review

Benzene	ND	0.025	mg/L	SW846 8260A
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A
Chlorobenzene	ND	0.025	mg/L	SW846 8260A
Chloroform	ND	0.025	mg/L	SW846 8260A
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A
Tetrachloroethylene	0.049	0.025	mg/L	SW846 8260A
Trichloroethylene	0.75	0.025	mg/L	SW846 8260A

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

CompuChem Environmental
DAYTON THERMAL
Project Number: YGQP97-00234-T

Lot #: A7L170124 Date Reported: 1/08/98

Client Sample ID: TB10(1-3')
Sample #: 005 Date Sampled: 12/13/97 12:00 Date Received: 12/16/97 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by GC/MS TCLP				In Review
Vinyl chloride	ND	0.050	mg/L	SW846 8260A
Semivolatile Organic Compounds by GC/MS TCLP				Reviewed
Nitrobenzene	ND	0.050	mg/L	SW846 8270B
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B
Pyridine	ND	0.10	mg/L	SW846 8270B
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B
Hexachloroethane	ND	0.050	mg/L	SW846 8270B
o-Cresol	ND	0.050	mg/L	SW846 8270B
Phenol	ND	0.050	mg/L	SW846 8270B
Inorganic Analysis				In Review
Method for Chlorine in Coal	IN PROCESS	0.10	%	ASTM D 2361-91
Reactive Cyanide	ND	230	mg/kg	SW846 7.3.3
Hexavalent Chromium	ND	0.02	mg/L	SW846 7196A
Ignitability	NEG		No Units	SW846 SECTION 7.1
DI Leachable pH	8.3		No Units	MCAWW 150.1
Paint Filter Test	NEG		No Units	SW846 9095
Specific Gravity	0.98		No Units	SM18 2710 F
Reactive Sulfide	ND	230	mg/kg	SW846 7.3.4
Total Residue as Percent Solids	88.9	0.10	%	MCAWW 160.3 MOD

Results and reporting limits have been adjusted for dry weight.

NEG Negative

EPA Region 5 Records Ctr.
349873

Quanterra
Environmental Services

Quanterra Incorporated
4101 Shuffel Drive, NW
North Canton, Ohio 44720

330 497-9396 Telephone
330 497-0772 Fax

ANALYTICAL REPORT

PROJECT NO. YGQP97-00234-T

DAYTON THERMAL

Lot #: A7L150124

Cathy Dover

Compuchem Environmental

QUANTERRA INCORPORATED

Denise Pohl
for
Jeffrey C. Smith
Project Manager

January 15, 1998

CASE NARRATIVE

The following report contains the analytical results for five solid and two water samples submitted to Quanterra-North Canton by Compuchem Environmental from the Dayton Thermal Site, project number YGQP97-00234-T. The samples were received December 13, 1997, according to documented sample acceptance procedures, and were analyzed in accordance with Ohio Voluntary Action Program protocols (Lab Certification CL0024).

Quanterra-North Canton utilizes only USEPA approved methods and instrumentation in all analytical work. The samples presented in this report were analyzed for the parameters listed on the method reference page in accordance with the methods indicated. Preliminary results were provided by facsimile transmission to Cathy Dover on January 8, 1998.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan. All data have been found to be compliant with laboratory protocol.

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

Samples were received at the laboratory at a temperature of 1.2° C.

The sample dates on the chain-of-custody did not agree with the sample dates listed on the bottle labels. The sample dates on the chain-of-custody were used for log-in.

GC/MS VOLATILES

The matrix spike/matrix spike duplicate associated with batch 7345161 failed recovery criteria. The laboratory control sample associated with this batch was in control. This is believed to be a matrix effect; therefore, no further corrective action was taken.

Recoveries of Toluene were out high in the Laboratory control sample. No positive hits were detected in any of the samples.

Toluene was detected in the method blank associated with batch 7358177.

The matrix spike/matrix spike duplicate associated with batch 7353121 failed recovery criteria. The laboratory control sample associated with this batch was in control. This is believed to be a matrix effect; therefore, no further corrective action was taken.

Sample(s) which contain results between the MDL and the RL are flagged with "J". There is the possibility of false positive or misidentification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation will be performed only down to the standard reporting limit (SRL). The acceptance criteria for quality control criteria may not be met at these quantitation levels.

CASE NARRATIVE (continued)

GC/MS SEMIVOLATILES

The matrix spike/matrix spike duplicate associated with batch 7355101 exhibited RPDs and/or recoveries outside acceptance limits. However, since the associated method blank and laboratory control sample were in control, no corrective action was necessary.

The matrix spike/matrix spike duplicate associated with batch 7364109 exhibited RPDs and/or recoveries outside acceptance limits due to demonstrated matrix effect.

Sample TB4 (3-5') exhibited surrogate recoveries outside acceptance limits. Upon reextraction and reanalysis, the surrogates remained outside acceptance limits demonstrating a matrix effect.

METALS

Matrix spike/spike duplicate relative percent difference (RPD) exceeded the acceptance limits for some analytes. The imprecision may be attributed to sample heterogeneity. See the Matrix Spike Report for the affected analytes which will be flagged with "*".

GENERAL CHEMISTRY

Poor duplicate precision (high RPD) for the Sample/Sample Duplicate was observed for Total Halogens associated with sample TB1 (7-9') on batch 7353131. The imprecision may be attributed to sample heterogeneity.

SAMPLE SUMMARY

A7L150124

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
CEJCE	001	FB121297	12/12/97	15:00
CEJCG	002	TRIP BLANK 121297	12/12/97	00:00
CEJCJ	003	TB1 (7-9')	12/11/97	13:20
CEJCN	004	TB3 (13-15')	12/11/97	09:40
CEJCP	005	TB4 (3-5')	12/12/97	14:00
CEJCQ	006	TB4 (14-16')	12/12/97	15:30
CEJCV	007	TB6 (3-5')	12/12/97	17:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

ANALYTICAL METHODS SUMMARY

A7L150124

PARAMETER	ANALYTICAL METHOD
DI Leachable pH	MCAWW 150.1
Hexavalent Chromium	SW846 7196A
Ignitability	SW846 SECTION 7.1.2
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Method for Chlorine in Coal	ASTM D 2361-91
Organochlorine Pesticides and PCBs	SW846 8080A
Paint Filter Test	SW846 9095
Reactive Cyanide	SW846 7.3.3
Reactive Sulfide	SW846 7.3.4
Specific Gravity	SM18 2710 F
Total Residue as Percent Solids	MCAWW 160.3 MOD
Trivalent chromium	SW846 7196A
TCLP BNA's	SW846 8270B
TCLP Metals (ICP)	SW846 6010A
TCLP Volatiles	SW846 8260A
Volatile Organics by GC/MS	SW846 8260A

References:

ASTM — Annual Book Of ASTM Standards.

MCAWW — "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SM18 — "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.

SW846 — "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: FB121297

GC/MS Volatiles

Lot-Sample #...: A7L150124-001 **Work Order #...:** CEJCE101 **Matrix.....:** WATER
Date Sampled...: 12/12/97 15:00 **Date Received..:** 12/13/97
Prep Date.....: 12/24/97 **Analysis Date..:** 12/24/97
Prep Batch #...: 7358160
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acrolein	ND	100	ug/L	SW846 8260A
Acrylonitrile	ND	100	ug/L	SW846 8260A
Benzene	ND	5.0	ug/L	SW846 8260A
Bromoform	ND	5.0	ug/L	SW846 8260A
Bromomethane	ND	10	ug/L	SW846 8260A
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260A
Chlorobenzene	ND	5.0	ug/L	SW846 8260A
Chlorodibromomethane	ND	5.0	ug/L	SW846 8260A
Chloroethane	ND	10	ug/L	SW846 8260A
Chloroform	ND	5.0	ug/L	SW846 8260A
Chloromethane	ND	10	ug/L	SW846 8260A
Dichlorobromomethane	ND	5.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260A
1,2-Dichloroethene (total)	ND	5.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A
Ethylbenzene	ND	5.0	ug/L	SW846 8260A
Methylene chloride	ND	5.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260A
Tetrachloroethene	ND	5.0	ug/L	SW846 8260A
Toluene	ND	5.0	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260A
Trichloroethene	ND	5.0	ug/L	SW846 8260A
Vinyl chloride	ND	10	ug/L	SW846 8260A

SURROGATE	PERCENT *RECOVERY*	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(73 - 115)
Toluene-d8	96	(90 - 110)
Bromofluorobenzene	97	(87 - 110)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TRIP BLANK 121297

GC/MS Volatiles

Lot-Sample #...: A7L150124-002 **Work Order #...:** CEJCG101 **Matrix.....:** WATER
Date Sampled...: 12/12/97 00:00 **Date Received..:** 12/13/97
Prep Date.....: 12/24/97 **Analysis Date..:** 12/24/97
Prep Batch #...: 7358160
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acrolein	ND	100	ug/L	SW846 8260A
Acrylonitrile	ND	100	ug/L	SW846 8260A
Benzene	ND	5.0	ug/L	SW846 8260A
Bromoform	ND	5.0	ug/L	SW846 8260A
Bromomethane	ND	10	ug/L	SW846 8260A
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260A
Chlorobenzene	ND	5.0	ug/L	SW846 8260A
Chlorodibromomethane	ND	5.0	ug/L	SW846 8260A
Chloroethane	ND	10	ug/L	SW846 8260A
Chloroform	ND	5.0	ug/L	SW846 8260A
Chloromethane	ND	10	ug/L	SW846 8260A
Dichlorobromomethane	ND	5.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260A
1,2-Dichloroethene (total)	ND	5.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A
Ethylbenzene	ND	5.0	ug/L	SW846 8260A
Methylene chloride	ND	5.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260A
Tetrachloroethene	ND	5.0	ug/L	SW846 8260A
Toluene	ND	5.0	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260A
Trichloroethene	ND	5.0	ug/L	SW846 8260A
Vinyl chloride	ND	10	ug/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(73 - 115)
Toluene-d8	96	(90 - 110)
Bromofluorobenzene	97	(87 - 110)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB1 (7-9')

GC/MS Volatiles

Lot-Sample #...: A7L150124-003 **Work Order #...:** CEJCJ102 **Matrix.....:** SOLID
Date Sampled...: 12/11/97 13:20 **Date Received..:** 12/13/97
Prep Date.....: 12/18/97 **Analysis Date..:** 12/18/97
Prep Batch #...: 7353121
Dilution Factor: 1
% Moisture.....: 4.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acrolein	ND	100	ug/kg	SW846 8260A
Acrylonitrile	ND	100	ug/kg	SW846 8260A
Benzene	ND	5.2	ug/kg	SW846 8260A
Bromoform	ND	5.2	ug/kg	SW846 8260A
Bromomethane	ND	10	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.2	ug/kg	SW846 8260A
Chlorobenzene	ND	5.2	ug/kg	SW846 8260A
Chlorodibromomethane	ND	5.2	ug/kg	SW846 8260A
Chloroethane	ND	10	ug/kg	SW846 8260A
Chloroform	ND	5.2	ug/kg	SW846 8260A
Chloromethane	ND	10	ug/kg	SW846 8260A
Dichlorobromomethane	ND	5.2	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.2	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.2	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A
Ethylbenzene	ND	5.2	ug/kg	SW846 8260A
Methylene chloride	**21**	**5.2**	**ug/kg**	**SW846 8260A**
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.2	ug/kg	SW846 8260A
Toluene	ND	5.2	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.2	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.2	ug/kg	SW846 8260A
Trichloroethene	ND	5.2	ug/kg	SW846 8260A
Vinyl chloride	ND	10	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	105	(61 - 115)
Toluene-d8	94	(82 - 129)
Bromofluorobenzene	90	(64 - 112)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB1 (7-9')

TCLP GC/MS Volatiles

Lot-Sample #...: A7L150124-003 **Work Order #...:** CEJCJ10P **Matrix.....:** SOLID
Date Sampled...: 12/11/97 13:20 **Date Received..:** 12/13/97
Leach Date.....: 12/24/97 **Prep Date.....:** 01/05/98 **Analysis Date..:** 01/05/98
Leach Batch #..: P735702 **Prep Batch #...:** 7358177
Dilution Factor: 1
% Moisture.....: 4.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	0.025	mg/L	SW846 8260A
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A
Chlorobenzene	ND	0.025	mg/L	SW846 8260A
Chloroform	ND	0.025	mg/L	SW846 8260A
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A
Tetrachloroethylene	ND	0.025	mg/L	SW846 8260A
Trichloroethylene	ND	0.025	mg/L	SW846 8260A
Vinyl chloride	ND	0.050	mg/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	105	(61 - 115)
Toluene-d8	95	(82 - 129)
Bromofluorobenzene	92	(64 - 112)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB1 (7-9')

TCLP GC/MS Semivolatiles

Lot-Sample #...: A7L150124-003 **Work Order #...:** CEJCJ10R **Matrix.....:** SOLID
Date Sampled...: 12/11/97 13:20 **Date Received..:** 12/13/97
Leach Date.....: 12/19/97 **Prep Date.....:** 12/21/97 **Analysis Date..:** 12/26/97
Leach Batch #..: P735203 **Prep Batch #...:** 7355101
Dilution Factor: 1
% Moisture.....: 4.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Nitrobenzene	ND	0.050	mg/L	SW846 8270B
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B
Pyridine	ND	0.10	mg/L	SW846 8270B
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B
Hexachloroethane	ND	0.050	mg/L	SW846 8270B
o-Cresol	ND	0.050	mg/L	SW846 8270B
Phenol	ND	0.050	mg/L	SW846 8270B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(44 - 110)
2-Fluorobiphenyl	75	(50 - 105)
Terphenyl-d14	96	(11 - 158)
Phenol-d5	37	(0.0- 131)
2-Fluorophenol	28	(0.0- 130)
2,4,6-Tribromophenol	73	(0.0- 156)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB1 (7-9')

GC Semivolatiles

Lot-Sample #...: A7L150124-003 **Work Order #...:** CEJCJ10Q **Matrix.....:** SOLID
Date Sampled...: 12/11/97 13:20 **Date Received..:** 12/13/97
Prep Date.....: 12/15/97 **Analysis Date..:** 12/18/97
Prep Batch #...: 7349234
Dilution Factor: 1
% Moisture.....: 4.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	17	ug/kg	SW846 8080A
Aroclor 1221	ND	17	ug/kg	SW846 8080A
Aroclor 1232	ND	17	ug/kg	SW846 8080A
Aroclor 1242	ND	17	ug/kg	SW846 8080A
Aroclor 1248	ND	17	ug/kg	SW846 8080A
Aroclor 1254	ND	35	ug/kg	SW846 8080A
Aroclor 1260	ND	35	ug/kg	SW846 8080A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	107	(8.0- 129)
Decachlorobiphenyl	103	(0.0- 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB1 (7-9')

TOTAL Metals

Lot-Sample #...: A7L150124-003 **Matrix.....:** SOLID
Date Sampled...: 12/11/97 13:20 **Date Received..:** 12/13/97
% Moisture.....: 4.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7352248						
Trivalent Chromium	ND	0.10	mg/L	SW846 7196A	12/19-12/22/97	CEJCJ10G

Dilution Factor: 1

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB1 (7-9')

TCLP Metals

Lot-Sample #...: A7L150124-003 **Matrix.....:** SOLID
Date Sampled...: 12/11/97 13:20 **Date Received..:** 12/13/97
Leach Date.....: 12/19/97 **Leach Batch #..:** P735203

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7352247						
Silver	ND	0.50	mg/L	SW846 6010A	12/19-12/22/97	CEJCJ103
		Dilution Factor: 1				
Arsenic	ND	0.50	mg/L	SW846 6010A	12/19-12/22/97	CEJCJ104
		Dilution Factor: 1				
Barium	ND	10.0	mg/L	SW846 6010A	12/19-12/22/97	CEJCJ105
		Dilution Factor: 1				
Cadmium	ND	0.10	mg/L	SW846 6010A	12/19-12/22/97	CEJCJ106
		Dilution Factor: 1				
Chromium	ND	0.50	mg/L	SW846 6010A	12/19-12/22/97	CEJCJ107
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010A	12/19-12/22/97	CEJCJ108
		Dilution Factor: 1				
Selenium	ND	0.25	mg/L	SW846 6010A	12/19-12/22/97	CEJCJ109
		Dilution Factor: 1				
Copper	ND	1.0	mg/L	SW846 6010A	12/19-12/22/97	CEJCJ10A
		Dilution Factor: 1				
Nickel	**0.11**	**0.040**	**mg/L**	**SW846 6010A**	**12/19-12/22/97**	**CEJCJ10C**
		Dilution Factor: 1				
Mercury	ND	0.0020	mg/L	SW846 7470A	12/19-12/22/97	CEJCJ10E
		Dilution Factor: 1				
Zinc	ND	1.0	mg/L	SW846 6010A	12/19-12/22/97	CEJCJ10D
		Dilution Factor: 1				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB1 (7-9')

General Chemistry

Lot-Sample #...: A7L150124-003 **Work Order #...:** CEJCJ **Matrix.....:** SOLID
Date Sampled...: 12/11/97 13:20 **Date Received..:** 12/13/97
% Moisture.....: 4.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ignitability	**NEG**		**No Units**	**SW846 SECTION 7.1**	**12/30/97**	**7364198**
	Dilution Factor: 1					
Paint Filter Test	**NEG**		**No Units**	**SW846 9095**	**12/18/97**	**7352163**
	Dilution Factor: 1					
Percent Solids	**95.8**	**0.10**	**%**	**MCAWW 160.3 MOD**	**12/16-12/17/97**	**7350115**
	Dilution Factor: 1					
Reactive Cyanide	ND	210	mg/kg	SW846 7.3.3	12/17/97	7351210
	Dilution Factor: 1					
Reactive Sulfide	ND	210	mg/kg	SW846 7.3.4	12/17/97	7351208
	Dilution Factor: 1					
Specific Gravity	**1.2**		**No Units**	**SM18 2710 F**	**12/30/97**	**7364206**
	Dilution Factor: 1					
Total Halogens	**3.2**	**1.0**	**%**	**ASTM D 2361-91**	**12/19-12/23/97**	**7353131**
	Dilution Factor: 1					

NOTE(S):

RL Reporting Limit

NEG Negative

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB1 (7-9')

General Chemistry

Lot-Sample #...: A7L150124-003 **Work Order #...:** CEJCJ **Matrix.....:** SOLID
Date Sampled...: 12/11/97 13:20 **Date Received..:** 12/13/97
% Moisture.....: 4.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
DI Leachable pH	**9.2**		**No Units**	**MCAWW 150.1**	**12/19/97**	**7352122**

Dilution Factor: 1

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB1 (7-9')

TCLP General Chemistry

Lot-Sample #...: A7L150124-003 **Work Order #...:** CEJCJ **Matrix.....:** SOLID
Date Sampled...: 12/11/97 13:20 **Date Received..:** 12/13/97
% Moisture.....: 4.2 **Leach Date.....:** 12/31/97 **Leach Batch #..:** P736404

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	ND	0.02	mg/L	SW846 7196A	12/31/97	7365134

Dilution Factor: 1

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB3 (13-15')

GC/MS Volatiles

Lot-Sample #...: A7L150124-004 **Work Order #...:** CEJCN102 **Matrix.....:** SOLID
Date Sampled...: 12/11/97 09:40 **Date Received..:** 12/13/97
Prep Date.....: 12/18/97 **Analysis Date..:** 12/18/97
Prep Batch #...: 7353121
Dilution Factor: 1
% Moisture.....: 4.5

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acrolein	ND	100	ug/kg	SW846 8260A
Acrylonitrile	ND	100	ug/kg	SW846 8260A
Benzene	ND	5.2	ug/kg	SW846 8260A
Bromoform	ND	5.2	ug/kg	SW846 8260A
Bromomethane	ND	10	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.2	ug/kg	SW846 8260A
Chlorobenzene	ND	5.2	ug/kg	SW846 8260A
Chlorodibromomethane	ND	5.2	ug/kg	SW846 8260A
Chloroethane	ND	10	ug/kg	SW846 8260A
Chloroform	ND	5.2	ug/kg	SW846 8260A
Chloromethane	ND	10	ug/kg	SW846 8260A
Dichlorobromomethane	ND	5.2	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.2	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.2	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A
Ethylbenzene	ND	5.2	ug/kg	SW846 8260A
Methylene chloride	**16**	**5.2**	**ug/kg**	**SW846 8260A**
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.2	ug/kg	SW846 8260A
Toluene	ND	5.2	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.2	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.2	ug/kg	SW846 8260A
Trichloroethene	ND	5.2	ug/kg	SW846 8260A
Vinyl chloride	ND	10	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(61 - 115)
Toluene-d8	93	(82 - 129)
Bromofluorobenzene	89	(64 - 112)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB3 (13-15')

TCLP GC/MS Volatiles

Lot-Sample #...: A7L150124-004 **Work Order #...:** CEJCN10P **Matrix.....:** SOLID
Date Sampled...: 12/11/97 09:40 **Date Received..:** 12/13/97
Leach Date.....: 12/24/97 **Prep Date.....:** 01/05/98 **Analysis Date..:** 01/05/98
Leach Batch #..: P735702 **Prep Batch #...:** 7358177
Dilution Factor: 1
% Moisture.....: 4.5

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	0.025	mg/L	SW846 8260A
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A
Chlorobenzene	ND	0.025	mg/L	SW846 8260A
Chloroform	ND	0.025	mg/L	SW846 8260A
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A
Tetrachloroethylene	ND	0.025	mg/L	SW846 8260A
Trichloroethylene	ND	0.025	mg/L	SW846 8260A
Vinyl chloride	ND	0.050	mg/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(61 - 115)
Toluene-d8	95	(82 - 129)
Bromofluorobenzene	92	(64 - 112)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB3 (13-15')

TCLP GC/MS Semivolatiles

Lot-Sample #...: A7L150124-004 **Work Order #...:** CEJCN10R **Matrix.....:** SOLID
Date Sampled...: 12/11/97 09:40 **Date Received..:** 12/13/97
Leach Date.....: 12/19/97 **Prep Date.....:** 12/21/97 **Analysis Date..:** 12/26/97
Leach Batch #..: P735203 **Prep Batch #...:** 7355101
Dilution Factor: 1
% Moisture.....: 4.5

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Nitrobenzene	ND	0.050	mg/L	SW846 8270B
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B
Pyridine	ND	0.10	mg/L	SW846 8270B
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B
Hexachloroethane	ND	0.050	mg/L	SW846 8270B
o-Cresol	ND	0.050	mg/L	SW846 8270B
Phenol	ND	0.050	mg/L	SW846 8270B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	88	(44 - 110)
2-Fluorobiphenyl	76	(50 - 105)
Terphenyl-d14	108	(11 - 158)
Phenol-d5	22	(0.0- 131)
2-Fluorophenol	8.4	(0.0- 130)
2,4,6-Tribromophenol	45	(0.0- 156)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB3 (13-15')

GC Semivolatiles

Lot-Sample #...: A7L150124-004 **Work Order #...:** CEJCN10Q **Matrix.....:** SOLID
Date Sampled...: 12/11/97 09:40 **Date Received..:** 12/13/97
Prep Date.....: 12/15/97 **Analysis Date..:** 12/18/97
Prep Batch #...: 7349234
Dilution Factor: 1
% Moisture.....: 4.5

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	17	ug/kg	SW846 8080A
Aroclor 1221	ND	17	ug/kg	SW846 8080A
Aroclor 1232	ND	17	ug/kg	SW846 8080A
Aroclor 1242	ND	17	ug/kg	SW846 8080A
Aroclor 1248	ND	17	ug/kg	SW846 8080A
Aroclor 1254	ND	35	ug/kg	SW846 8080A
Aroclor 1260	ND	35	ug/kg	SW846 8080A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	99	(8.0- 129)
Decachlorobiphenyl	89	(0.0- 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB3 (13-15')

TOTAL Metals

Lot-Sample #...: A7L150124-004 **Matrix.....:** SOLID
Date Sampled...: 12/11/97 09:40 **Date Received..:** 12/13/97
% Moisture.....: 4.5

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7352248						
Trivalent Chromium	ND	0.10	mg/L	SW846 7196A	12/19-12/22/97	CEJCN10G

Dilution Factor: 1

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB3 (13-15')

TCLP Metals

Lot-Sample #...: A7L150124-004 **Matrix.....:** SOLID
Date Sampled...: 12/11/97 09:40 **Date Received..:** 12/13/97
Leach Date.....: 12/19/97 **Leach Batch #..:** P735203

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7352247						
Silver	ND	0.50	mg/L	SW846 6010A	12/19-12/22/97	CEJCN103
		Dilution Factor: 1				
Arsenic	ND	0.50	mg/L	SW846 6010A	12/19-12/22/97	CEJCN104
		Dilution Factor: 1				
Barium	ND	10.0	mg/L	SW846 6010A	12/19-12/22/97	CEJCN105
		Dilution Factor: 1				
Cadmium	ND	0.10	mg/L	SW846 6010A	12/19-12/22/97	CEJCN106
		Dilution Factor: 1				
Chromium	ND	0.50	mg/L	SW846 6010A	12/19-12/22/97	CEJCN107
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010A	12/19-12/22/97	CEJCN108
		Dilution Factor: 1				
Selenium	ND	0.25	mg/L	SW846 6010A	12/19-12/22/97	CEJCN109
		Dilution Factor: 1				
Copper	ND	1.0	mg/L	SW846 6010A	12/19-12/22/97	CEJCN10A
		Dilution Factor: 1				
Nickel	ND	0.040	mg/L	SW846 6010A	12/19-12/22/97	CEJCN10C
		Dilution Factor: 1				
Mercury	ND	0.0020	mg/L	SW846 7470A	12/19-12/22/97	CEJCN10E
		Dilution Factor: 1				
Zinc	ND	1.0	mg/L	SW846 6010A	12/19-12/22/97	CEJCN10D
		Dilution Factor: 1				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB3 (13-15')

General Chemistry

Lot-Sample #...: A7L150124-004 **Work Order #...:** CEJCN **Matrix.....:** SOLID
Date Sampled...: 12/11/97 09:40 **Date Received..:** 12/13/97
% Moisture.....: 4.5

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ignitability	**NEG**		**No Units**	**SW846 SECTION 7.1**	**12/30/97**	**7364198**
	Dilution Factor: 1					
Paint Filter Test	**NEG**		**No Units**	**SW846 9095**	**12/18/97**	**7352163**
	Dilution Factor: 1					
Percent Solids	**95.5**	**0.10**	**%**	**MCAWW 160.3 MOD**	**12/16-12/17/97**	**7350115**
	Dilution Factor: 1					
Reactive Cyanide	ND	210	mg/kg	SW846 7.3.3	12/17/97	7351210
	Dilution Factor: 1					
Reactive Sulfide	ND	210	mg/kg	SW846 7.3.4	12/17/97	7351208
	Dilution Factor: 1					
Specific Gravity	**1.5**		**No Units**	**SM18 2710 F**	**12/30/97**	**7364206**
	Dilution Factor: 1					
Total Halogens	**2.7**	**1.0**	**%**	**ASTM D 2361-91**	**12/19-12/23/97**	**7353131**
	Dilution Factor: 1					

NOTE(S):

RL Reporting Limit

NEG Negative

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB3 (13-15')

General Chemistry

Lot-Sample #...: A7L150124-004 **Work Order #...:** CEJCN **Matrix.....:** SOLID
Date Sampled...: 12/11/97 09:40 **Date Received..:** 12/13/97
% Moisture.....: 4.5

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
DI Leachable pH	**9.3**		**No Units**	**MCAWW 150.1**	**12/19/97**	**7352122**

Dilution Factor: 1

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB3 (13-15')

TCLP General Chemistry

Lot-Sample #...: A7L150124-004 **Work Order #...:** CEJCN **Matrix.....:** SOLID
Date Sampled...: 12/11/97 09:40 **Date Received..:** 12/13/97
% Moisture.....: 4.5 **Leach Date.....:** 12/31/97 **Leach Batch #..:** P736404

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	ND	0.02	mg/L	SW846 7196A	12/31/97	7365134

Dilution Factor: 1

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB4 (3-5')

GC/MS Volatiles

Lot-Sample #...: A7L150124-005 **Work Order #...:** CEJCP102 **Matrix.....:** SOLID
Date Sampled...: 12/12/97 14:00 **Date Received..:** 12/13/97
Prep Date.....: 12/18/97 **Analysis Date..:** 12/18/97
Prep Batch #...: 7353121
Dilution Factor: 1
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acrolein	ND	120	ug/kg	SW846 8260A
Acrylonitrile	ND	120	ug/kg	SW846 8260A
Benzene	ND	6.1	ug/kg	SW846 8260A
Bromoform	ND	6.1	ug/kg	SW846 8260A
Bromomethane	ND	12	ug/kg	SW846 8260A
Carbon tetrachloride	ND	6.1	ug/kg	SW846 8260A
Chlorobenzene	ND	6.1	ug/kg	SW846 8260A
Chlorodibromomethane	ND	6.1	ug/kg	SW846 8260A
Chloroethane	ND	12	ug/kg	SW846 8260A
Chloroform	ND	6.1	ug/kg	SW846 8260A
Chloromethane	ND	12	ug/kg	SW846 8260A
Dichlorobromomethane	ND	6.1	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	6.1	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	6.1	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	6.1	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	**34**	**6.1**	**ug/kg**	**SW846 8260A**
1,2-Dichloropropane	ND	6.1	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	6.1	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	6.1	ug/kg	SW846 8260A
Ethylbenzene	ND	6.1	ug/kg	SW846 8260A
Methylene chloride	**41**	**6.1**	**ug/kg**	**SW846 8260A**
1,1,2,2-Tetrachloroethane	ND	6.1	ug/kg	SW846 8260A
Tetrachloroethene	**120**	**6.1**	**ug/kg**	**SW846 8260A**
Toluene	ND	6.1	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	6.1	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	6.1	ug/kg	SW846 8260A
Trichloroethene	**44**	**6.1**	**ug/kg**	**SW846 8260A**
Vinyl chloride	ND	12	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(61 - 115)
Toluene-d8	91	(82 - 129)
Bromofluorobenzene	84	(64 - 112)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB4 (3-5')

TCLP GC/MS Volatiles

Lot-Sample #...: A7L150124-005 **Work Order #...:** CEJCP10P **Matrix.....:** SOLID
Date Sampled...: 12/12/97 14:00 **Date Received..:** 12/13/97
Leach Date.....: 12/24/97 **Prep Date.....:** 01/05/98 **Analysis Date..:** 01/05/98
Leach Batch #..: P735702 **Prep Batch #...:** 7358177
Dilution Factor: 1
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	0.025	mg/L	SW846 8260A
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A
Chlorobenzene	ND	0.025	mg/L	SW846 8260A
Chloroform	ND	0.025	mg/L	SW846 8260A
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A
Tetrachloroethylene	**0.025**	**0.025**	**mg/L**	**SW846 8260A**
Trichloroethylene	ND	0.025	mg/L	SW846 8260A
Vinyl chloride	ND	0.050	mg/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	109	(61 - 115)
Toluene-d8	93	(82 - 129)
Bromofluorobenzene	90	(64 - 112)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB4 (3-5')

TCLP GC/MS Semivolatiles

Lot-Sample #...: A7L150124-005 **Work Order #...:** CEJCP20R **Matrix.....:** SOLID
Date Sampled...: 12/12/97 14:00 **Date Received..:** 12/13/97
Leach Date.....: 12/19/97 **Prep Date.....:** 12/30/97 **Analysis Date..:** 01/05/98
Leach Batch #..: P735203 **Prep Batch #...:** 7364109
Dilution Factor: 1
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Nitrobenzene	ND	0.050	mg/L	SW846 8270B
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B
Pyridine	ND	0.10	mg/L	SW846 8270B
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B
Hexachloroethane	ND	0.050	mg/L	SW846 8270B
o-Cresol	ND	0.050	mg/L	SW846 8270B
Phenol	ND	0.050	mg/L	SW846 8270B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	51	(44 - 110)
2-Fluorobiphenyl	61	(50 - 105)
Terphenyl-d14	99	(11 - 158)
Phenol-d5	12	(0.0- 131)
2-Fluorophenol	3.7	(0.0- 130)
2,4,6-Tribromophenol	2.6	(0.0- 156)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB4 (3-5')

TCLP GC/MS Semivolatiles

Lot-Sample #...: A7L150124-005 **Work Order #...:** CEJCP10R **Matrix.....:** SOLID
Date Sampled...: 12/12/97 14:00 **Date Received..:** 12/13/97
Leach Date.....: 12/19/97 **Prep Date.....:** 12/21/97 **Analysis Date..:** 12/26/97
Leach Batch #..: P735203 **Prep Batch #...:** 7355101
Dilution Factor: 1
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Nitrobenzene	ND	0.050	mg/L	SW846 8270B
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B
Pyridine	ND	0.10	mg/L	SW846 8270B
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B
Hexachloroethane	ND	0.050	mg/L	SW846 8270B
o-Cresol	ND	0.050	mg/L	SW846 8270B
Phenol	ND	0.050	mg/L	SW846 8270B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	70	(44 - 110)
2-Fluorobiphenyl	60	(50 - 105)
Terphenyl-d14	94	(11 - 158)
Phenol-d5	6.9	(0.0- 131)
2-Fluorophenol	0.0	(0.0- 130)
2,4,6-Tribromophenol	2.9	(0.0- 156)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB4 (3-5')

GC Semivolatiles

Lot-Sample #...: A7L150124-005 **Work Order #...:** CEJCP10Q **Matrix.....:** SOLID
Date Sampled...: 12/12/97 14:00 **Date Received..:** 12/13/97
Prep Date.....: 12/15/97 **Analysis Date..:** 12/22/97
Prep Batch #...: 7349234
Dilution Factor: 1
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	20	ug/kg	SW846 8080A
Aroclor 1221	ND	20	ug/kg	SW846 8080A
Aroclor 1232	ND	20	ug/kg	SW846 8080A
Aroclor 1242	ND	20	ug/kg	SW846 8080A
Aroclor 1248	ND	20	ug/kg	SW846 8080A
Aroclor 1254	ND	40	ug/kg	SW846 8080A
Aroclor 1260	ND	40	ug/kg	SW846 8080A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(8.0- 129)
Decachlorobiphenyl	78	(0.0- 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB4 (3-5')

TOTAL Metals

Lot-Sample #...: A7L150124-005 **Matrix.....:** SOLID
Date Sampled...: 12/12/97 14:00 **Date Received..:** 12/13/97
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7352248						
Trivalent Chromium	ND	0.10	mg/L	SW846 7196A	12/19-12/22/97	CEJCP10G

Dilution Factor: 1

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB4 (3-5')

TCLP Metals

Lot-Sample #...: A7L150124-005 **Matrix.....:** SOLID
Date Sampled...: 12/12/97 14:00 **Date Received..:** 12/13/97
Leach Date.....: 12/19/97 **Leach Batch #..:** P735203

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7352247						
Silver	ND	0.50	mg/L	SW846 6010A	12/19-12/22/97	CEJCP103
		Dilution Factor: 1				
Arsenic	ND	0.50	mg/L	SW846 6010A	12/19-12/22/97	CEJCP104
		Dilution Factor: 1				
Barium	ND	10.0	mg/L	SW846 6010A	12/19-12/22/97	CEJCP105
		Dilution Factor: 1				
Cadmium	ND	0.10	mg/L	SW846 6010A	12/19-12/22/97	CEJCP106
		Dilution Factor: 1				
Chromium	ND	0.50	mg/L	SW846 6010A	12/19-12/22/97	CEJCP107
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010A	12/19-12/22/97	CEJCP108
		Dilution Factor: 1				
Selenium	ND	0.25	mg/L	SW846 6010A	12/19-12/22/97	CEJCP109
		Dilution Factor: 1				
Copper	ND	1.0	mg/L	SW846 6010A	12/19-12/22/97	CEJCP10A
		Dilution Factor: 1				
Nickel	**0.054**	**0.040**	**mg/L**	**SW846 6010A**	**12/19-12/22/97**	**CEJCP10C**
		Dilution Factor: 1				
Mercury	ND	0.0020	mg/L	SW846 7470A	12/19-12/22/97	CEJCP10E
		Dilution Factor: 1				
Zinc	ND	1.0	mg/L	SW846 6010A	12/19-12/22/97	CEJCP10D
		Dilution Factor: 1				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB4 (3-5')

General Chemistry

Lot-Sample #...: A7L150124-005 **Work Order #...:** CEJCP **Matrix.....:** SOLID
Date Sampled...: 12/12/97 14:00 **Date Received..:** 12/13/97
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ignitability	**NEG**		**No Units**	**SW846 SECTION 7.1**	**12/30/97**	**7364198**
	Dilution Factor: 1					
Paint Filter Test	**NEG**		**No Units**	**SW846 9095**	**12/18/97**	**7352163**
	Dilution Factor: 1					
Percent Solids	**82.4**	**0.10**	**%**	**MCAWW 160.3 MOD**	**12/16-12/17/97**	**7350115**
	Dilution Factor: 1					
Reactive Cyanide	ND	240	mg/kg	SW846 7.3.3	12/17/97	7351210
	Dilution Factor: 1					
Reactive Sulfide	ND	240	mg/kg	SW846 7.3.4	12/17/97	7351208
	Dilution Factor: 1					
Specific Gravity	**1.9**		**No Units**	**SM18 2710 F**	**12/30/97**	**7364206**
	Dilution Factor: 1					
Total Halogens	**1.2**	**1.0**	**%**	**ASTM D 2361-91**	**12/19-12/23/97**	**7353131**
	Dilution Factor: 1					

NOTE(S):

RL Reporting Limit

NEG Negative

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB4 (3-5')

General Chemistry

Lot-Sample #...: A7L150124-005 **Work Order #...:** CEJCP **Matrix.....:** SOLID
Date Sampled...: 12/12/97 14:00 **Date Received..:** 12/13/97
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
DI Leachable pH	**8.5**		**No Units**	**MCAWW 150.1**	**12/19/97**	**7352122**

Dilution Factor: 1

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB4 (3-5')

TCLP General Chemistry

Lot-Sample #...: A7L150124-005 **Work Order #...:** CEJCP **Matrix.....:** SOLID
Date Sampled...: 12/12/97 14:00 **Date Received..:** 12/13/97
% Moisture.....: 18 **Leach Date.....:** 12/31/97 **Leach Batch #..:** P736404

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	ND	0.02	mg/L	SW846 7196A	12/31/97	7365134

Dilution Factor: 1

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB4 (14-16')

GC/MS Volatiles

Lot-Sample #...: A7L150124-006 **Work Order #...:** CEJCQ102 **Matrix.....:** SOLID
Date Sampled...: 12/12/97 15:30 **Date Received..:** 12/13/97
Prep Date.....: 12/18/97 **Analysis Date..:** 12/18/97
Prep Batch #...: 7353121
Dilution Factor: 1
% Moisture.....: 4.3

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acrolein	ND	100	ug/kg	SW846 8260A
Acrylonitrile	ND	100	ug/kg	SW846 8260A
Benzene	ND	5.2	ug/kg	SW846 8260A
Bromoform	ND	5.2	ug/kg	SW846 8260A
Bromomethane	ND	10	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.2	ug/kg	SW846 8260A
Chlorobenzene	ND	5.2	ug/kg	SW846 8260A
Chlorodibromomethane	ND	5.2	ug/kg	SW846 8260A
Chloroethane	ND	10	ug/kg	SW846 8260A
Chloroform	ND	5.2	ug/kg	SW846 8260A
Chloromethane	ND	10	ug/kg	SW846 8260A
Dichlorobromomethane	ND	5.2	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.2	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	5.2	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.2	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.2	ug/kg	SW846 8260A
Ethylbenzene	ND	5.2	ug/kg	SW846 8260A
Methylene chloride	**8.9**	**5.2**	**ug/kg**	**SW846 8260A**
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg	SW846 8260A
Tetrachloroethene	**95**	**5.2**	**ug/kg**	**SW846 8260A**
Toluene	ND	5.2	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.2	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.2	ug/kg	SW846 8260A
Trichloroethene	**21**	**5.2**	**ug/kg**	**SW846 8260A**
Vinyl chloride	ND	10	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	110	(61 - 115)
Toluene-d8	92	(82 - 129)
Bromofluorobenzene	86	(64 - 112)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB4 (14-16')

TCLP GC/MS Volatiles

Lot-Sample #...: A7L150124-006 **Work Order #...:** CEJCQ10P **Matrix.....:** SOLID
Date Sampled...: 12/12/97 15:30 **Date Received..:** 12/13/97
Leach Date.....: 12/24/97 **Prep Date.....:** 01/05/98 **Analysis Date..:** 01/05/98
Leach Batch #..: P735702 **Prep Batch #...:** 7358177
Dilution Factor: 1
% Moisture.....: 4.3

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	0.025	mg/L	SW846 8260A
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A
Chlorobenzene	ND	0.025	mg/L	SW846 8260A
Chloroform	ND	0.025	mg/L	SW846 8260A
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A
Tetrachloroethylene	**0.038**	**0.025**	**mg/L**	**SW846 8260A**
Trichloroethylene	ND	0.025	mg/L	SW846 8260A
Vinyl chloride	ND	0.050	mg/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(61 - 115)
Toluene-d8	95	(82 - 129)
Bromofluorobenzene	91	(64 - 112)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB4 (14-16')

TCLP GC/MS Semivolatiles

Lot-Sample #...: A7L150124-006 **Work Order #...:** CEJCQ10R **Matrix.....:** SOLID
Date Sampled...: 12/12/97 15:30 **Date Received..:** 12/13/97
Leach Date.....: 12/19/97 **Prep Date.....:** 12/21/97 **Analysis Date..:** 12/26/97
Leach Batch #..: P735203 **Prep Batch #...:** 7355101
Dilution Factor: 1
% Moisture.....: 4.3

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Nitrobenzene	ND	0.050	mg/L	SW846 8270B
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B
Pyridine	ND	0.10	mg/L	SW846 8270B
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B
Hexachloroethane	ND	0.050	mg/L	SW846 8270B
o-Cresol	ND	0.050	mg/L	SW846 8270B
Phenol	ND	0.050	mg/L	SW846 8270B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	74	(44 - 110)
2-Fluorobiphenyl	65	(50 - 105)
Terphenyl-d14	89	(11 - 158)
Phenol-d5	34	(0.0- 131)
2-Fluorophenol	27	(0.0- 130)
2,4,6-Tribromophenol	64	(0.0- 156)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB4 (14-16')

GC Semivolatiles

Lot-Sample #...: A7L150124-006 **Work Order #...:** CEJCQ10Q **Matrix.....:** SOLID
Date Sampled...: 12/12/97 15:30 **Date Received..:** 12/13/97
Prep Date.....: 12/15/97 **Analysis Date..:** 12/18/97
Prep Batch #...: 7349234
Dilution Factor: 1
% Moisture.....: 4.3

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	17	ug/kg	SW846 8080A
Aroclor 1221	ND	17	ug/kg	SW846 8080A
Aroclor 1232	ND	17	ug/kg	SW846 8080A
Aroclor 1242	ND	17	ug/kg	SW846 8080A
Aroclor 1248	ND	17	ug/kg	SW846 8080A
Aroclor 1254	ND	35	ug/kg	SW846 8080A
Aroclor 1260	ND	35	ug/kg	SW846 8080A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	105	(8.0- 129)
Decachlorobiphenyl	106	(0.0- 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB4 (14-16')

TOTAL Metals

Lot-Sample #...: A7L150124-006 **Matrix.....:** SOLID
Date Sampled...: 12/12/97 15:30 **Date Received..:** 12/13/97
% Moisture.....: 4.3

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7352248						
Trivalent Chromium	ND	0.10	mg/L	SW846 7196A	12/19-12/22/97	CEJCQ10G

Dilution Factor: 1

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB4 (14-16')

TCLP Metals

Lot-Sample #...: A7L150124-006 **Matrix.....:** SOLID
Date Sampled...: 12/12/97 15:30 **Date Received..:** 12/13/97
Leach Date.....: 12/19/97 **Leach Batch #..:** P735203

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7352247						
Silver	ND	0.50	mg/L	SW846 6010A	12/19-12/22/97	CEJCQ103
		Dilution Factor: 1				
Arsenic	ND	0.50	mg/L	SW846 6010A	12/19-12/22/97	CEJCQ104
		Dilution Factor: 1				
Barium	ND	10.0	mg/L	SW846 6010A	12/19-12/22/97	CEJCQ105
		Dilution Factor: 1				
Cadmium	ND	0.10	mg/L	SW846 6010A	12/19-12/22/97	CEJCQ106
		Dilution Factor: 1				
Chromium	ND	0.50	mg/L	SW846 6010A	12/19-12/22/97	CEJCQ107
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010A	12/19-12/22/97	CEJCQ108
		Dilution Factor: 1				
Selenium	ND	0.25	mg/L	SW846 6010A	12/19-12/22/97	CEJCQ109
		Dilution Factor: 1				
Copper	ND	1.0	mg/L	SW846 6010A	12/19-12/22/97	CEJCQ10A
		Dilution Factor: 1				
Nickel	ND	0.040	mg/L	SW846 6010A	12/19-12/22/97	CEJCQ10C
		Dilution Factor: 1				
Mercury	ND	0.0020	mg/L	SW846 7470A	12/19-12/22/97	CEJCQ10E
		Dilution Factor: 1				
Zinc	ND	1.0	mg/L	SW846 6010A	12/19-12/22/97	CEJCQ10D
		Dilution Factor: 1				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB4 (14-16')

General Chemistry

Lot-Sample #...: A7L150124-006 **Work Order #...:** CEJCQ **Matrix.....:** SOLID
Date Sampled...: 12/12/97 15:30 **Date Received..:** 12/13/97
% Moisture.....: 4.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ignitability	**NEG**		**No Units**	**SW846 SECTION 7.1**	**12/30/97**	**7364198**
	Dilution Factor: 1					
Paint Filter Test	**NEG**		**No Units**	**SW846 9095**	**12/18/97**	**7352163**
	Dilution Factor: 1					
Percent Solids	**95.7**	**0.10**	**%**	**MCAWW 160.3 MOD**	**12/16-12/17/97**	**7350115**
	Dilution Factor: 1					
Reactive Cyanide	ND	210	mg/kg	SW846 7.3.3	12/17/97	7351210
	Dilution Factor: 1					
Reactive Sulfide	ND	210	mg/kg	SW846 7.3.4	12/17/97	7351208
	Dilution Factor: 1					
Specific Gravity	**1.5**		**No Units**	**SM18 2710 F**	**12/30/97**	**7364206**
	Dilution Factor: 1					
Total Halogens	**2.3**	**1.0**	**%**	**ASTM D 2361-91**	**12/19-12/23/97**	**7353131**
	Dilution Factor: 1					

NOTE(S):

RL Reporting Limit

NEG Negative

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB4 (14-16')

General Chemistry

Lot-Sample #...: A7L150124-006 **Work Order #...:** CEJCQ **Matrix.....:** SOLID
Date Sampled...: 12/12/97 15:30 **Date Received..:** 12/13/97
% Moisture.....: 4.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
DI Leachable pH	**9.2**		**No Units**	**MCAWW 150.1**	**12/19/97**	**7352122**

Dilution Factor: 1

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB4 (14-16')

TCLP General Chemistry

Lot-Sample #...: A7L150124-006 **Work Order #...:** CEJCQ **Matrix.....:** SOLID
Date Sampled...: 12/12/97 15:30 **Date Received..:** 12/13/97
% Moisture.....: 4.3 **Leach Date.....:** 12/31/97 **Leach Batch #..:** P736404

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	ND	0.02	mg/L	SW846 7196A	12/31/97	7365134

Dilution Factor: 1

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB6 (3-5')

GC/MS Volatiles

Lot-Sample #...: A7L150124-007 **Work Order #...:** CEJCV102 **Matrix.....:** SOLID
Date Sampled...: 12/12/97 17:00 **Date Received..:** 12/13/97
Prep Date.....: 12/18/97 **Analysis Date..:** 12/18/97
Prep Batch #...: 7353121
Dilution Factor: 1
% Moisture.....: 26

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acrolein	ND	140	ug/kg	SW846 8260A
Acrylonitrile	ND	140	ug/kg	SW846 8260A
Benzene	ND	6.8	ug/kg	SW846 8260A
Bromoform	ND	6.8	ug/kg	SW846 8260A
Bromomethane	ND	14	ug/kg	SW846 8260A
Carbon tetrachloride	ND	6.8	ug/kg	SW846 8260A
Chlorobenzene	ND	6.8	ug/kg	SW846 8260A
Chlorodibromomethane	ND	6.8	ug/kg	SW846 8260A
Chloroethane	ND	14	ug/kg	SW846 8260A
Chloroform	ND	6.8	ug/kg	SW846 8260A
Chloromethane	ND	14	ug/kg	SW846 8260A
Dichlorobromomethane	ND	6.8	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	6.8	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	6.8	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	6.8	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	**9.0**	**6.8**	**ug/kg**	**SW846 8260A**
1,2-Dichloropropane	ND	6.8	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	6.8	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	6.8	ug/kg	SW846 8260A
Ethylbenzene	ND	6.8	ug/kg	SW846 8260A
Methylene chloride	**54**	**6.8**	**ug/kg**	**SW846 8260A**
1,1,2,2-Tetrachloroethane	ND	6.8	ug/kg	SW846 8260A
Tetrachloroethene	ND	6.8	ug/kg	SW846 8260A
Toluene	ND	6.8	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	6.8	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	6.8	ug/kg	SW846 8260A
Trichloroethene	**64**	**6.8**	**ug/kg**	**SW846 8260A**
Vinyl chloride	ND	14	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(61 - 115)
Toluene-d8	92	(82 - 129)
Bromofluorobenzene	87	(64 - 112)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB6 (3-5')

TCLP GC/MS Volatiles

Lot-Sample #...: A7L150124-007 **Work Order #...:** CEJCV122 **Matrix.....:** SOLID
Date Sampled...: 12/12/97 17:00 **Date Received..:** 12/13/97
Leach Date.....: 12/24/97 **Prep Date.....:** 01/05/98 **Analysis Date..:** 01/05/98
Leach Batch #..: P735702 **Prep Batch #...:** 7358177
Dilution Factor: 1
% Moisture.....: 26

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	0.025	mg/L	SW846 8260A
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A
Chlorobenzene	ND	0.025	mg/L	SW846 8260A
Chloroform	ND	0.025	mg/L	SW846 8260A
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A
Tetrachloroethylene	ND	0.025	mg/L	SW846 8260A
Trichloroethylene	ND	0.025	mg/L	SW846 8260A
Vinyl chloride	ND	0.050	mg/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(61 - 115)
Toluene-d8	96	(82 - 129)
Bromofluorobenzene	91	(64 - 112)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB6 (3-5')

TCLP GC/MS Semivolatiles

Lot-Sample #...: A7L150124-007 **Work Order #...:** CEJCV128 **Matrix.....:** SOLID
Date Sampled...: 12/12/97 17:00 **Date Received..:** 12/13/97
Leach Date.....: 12/19/97 **Prep Date.....:** 12/21/97 **Analysis Date..:** 12/26/97
Leach Batch #..: P735203 **Prep Batch #...:** 7355101
Dilution Factor: 1
% Moisture.....: 26

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Nitrobenzene	ND	0.050	mg/L	SW846 8270B
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B
Pyridine	ND	0.10	mg/L	SW846 8270B
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B
Hexachloroethane	ND	0.050	mg/L	SW846 8270B
o-Cresol	ND	0.050	mg/L	SW846 8270B
Phenol	ND	0.050	mg/L	SW846 8270B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(44 - 110)
2-Fluorobiphenyl	60	(50 - 105)
Terphenyl-d14	82	(11 - 158)
Phenol-d5	65	(0.0- 131)
2-Fluorophenol	61	(0.0- 130)
2,4,6-Tribromophenol	83	(0.0- 156)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB6 (3-5')

GC Semivolatiles

Lot-Sample #...: A7L150124-007 **Work Order #...:** CEJCV125 **Matrix.....:** SOLID
Date Sampled...: 12/12/97 17:00 **Date Received..:** 12/13/97
Prep Date.....: 12/15/97 **Analysis Date..:** 12/18/97
Prep Batch #...: 7349234
Dilution Factor: 1
% Moisture.....: 26

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	23	ug/kg	SW846 8080A
Aroclor 1221	ND	23	ug/kg	SW846 8080A
Aroclor 1232	ND	23	ug/kg	SW846 8080A
Aroclor 1242	ND	23	ug/kg	SW846 8080A
Aroclor 1248	ND	23	ug/kg	SW846 8080A
Aroclor 1254	ND	45	ug/kg	SW846 8080A
Aroclor 1260	ND	45	ug/kg	SW846 8080A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	156 *	(8.0- 129)
Decachlorobiphenyl	136	(0.0- 138)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB6 (3-5')

TOTAL Metals

Lot-Sample #...: A7L150124-007 **Matrix.....:** SOLID
Date Sampled...: 12/12/97 17:00 **Date Received..:** 12/13/97
% Moisture.....: 26

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7352248						
Trivalent Chromium	ND	0.10	mg/L	SW846 7196A	12/19-12/22/97	CEJCV11C

Dilution Factor: 1

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB6 (3-5')

TCLP Metals

Lot-Sample #...: A7L150124-007 **Matrix.....:** SOLID
Date Sampled...: 12/12/97 17:00 **Date Received..:** 12/13/97
Leach Date.....: 12/19/97 **Leach Batch #..:** P735203

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7352247						
Silver	ND	0.50	mg/L	SW846 6010A	12/19-12/22/97	CEJCV105
		Dilution Factor: 1				
Arsenic	ND	0.50	mg/L	SW846 6010A	12/19-12/22/97	CEJCV108
		Dilution Factor: 1				
Barium	ND	10.0	mg/L	SW846 6010A	12/19-12/22/97	CEJCV10C
		Dilution Factor: 1				
Cadmium	ND	0.10	mg/L	SW846 6010A	12/19-12/22/97	CEJCV10F
		Dilution Factor: 1				
Chromium	ND	0.50	mg/L	SW846 6010A	12/19-12/22/97	CEJCV10J
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010A	12/19-12/22/97	CEJCV10M
		Dilution Factor: 1				
Selenium	ND	0.25	mg/L	SW846 6010A	12/19-12/22/97	CEJCV10Q
		Dilution Factor: 1				
Copper	ND	1.0	mg/L	SW846 6010A	12/19-12/22/97	CEJCV10U
		Dilution Factor: 1				
Nickel	ND	0.040	mg/L	SW846 6010A	12/19-12/22/97	CEJCV10X
		Dilution Factor: 1				
Mercury	ND	0.0020	mg/L	SW846 7470A	12/19-12/22/97	CEJCV115
		Dilution Factor: 1				
Zinc	ND	1.0	mg/L	SW846 6010A	12/19-12/22/97	CEJCV112
		Dilution Factor: 1				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB6 (3-5')

General Chemistry

Lot-Sample #...: A7L150124-007 **Work Order #...:** CEJCV **Matrix.....:** SOLID
Date Sampled...: 12/12/97 17:00 **Date Received..:** 12/13/97
% Moisture.....: 26

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ignitability	**NEG**		**No Units**	**SW846 SECTION 7.1**	**12/30/97**	**7364198**
	Dilution Factor: 1					
Paint Filter Test	**NEG**		**No Units**	**SW846 9095**	**12/18/97**	**7352163**
	Dilution Factor: 1					
Percent Solids	**74.0**	**0.10**	**%**	**MCAWW 160.3 MOD**	**12/16-12/17/97**	**7350115**
	Dilution Factor: 1					
Reactive Cyanide	ND	270	mg/kg	SW846 7.3.3	12/17/97	7351210
	Dilution Factor: 1					
Reactive Sulfide	ND	270	mg/kg	SW846 7.3.4	12/17/97	7351208
	Dilution Factor: 1					
Specific Gravity	**1.5**		**No Units**	**SM18 2710 F**	**12/30/97**	**7364206**
	Dilution Factor: 1					
Total Halogens	ND	1.0	%	ASTM D 2361-91	12/19-12/23/97	7353131
	Dilution Factor: 1					

NOTE(S):

RL Reporting Limit

NEG Negative

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB6 (3-5')

General Chemistry

Lot-Sample #...: A7L150124-007 **Work Order #...:** CEJCV **Matrix.....:** SOLID
Date Sampled...: 12/12/97 17:00 **Date Received..:** 12/13/97
% Moisture.....: 26

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
DI Leachable pH	**7.2**		**No Units**	**MCAWW 150.1**	**12/19/97**	**7352122**

Dilution Factor: 1

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB6 (3-5')

TCLP General Chemistry

Lot-Sample #...: A7L150124-007 **Work Order #...:** CEJCV **Matrix.....:** SOLID
Date Sampled...: 12/12/97 17:00 **Date Received..:** 12/13/97
% Moisture.....: 26 **Leach Date.....:** 12/31/97 **Leach Batch #..:** P736404

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	ND	0.02	mg/L	SW846 7196A	12/31/97	7365134

Dilution Factor: 1

QUALITY CONTROL SECTION

QUALITY CONTROL ELEMENTS OF SW-846 METHODS

Quanterra® Incorporated conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. Quanterra requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples. These QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. The only exception is that if the LCS recoveries are biased high and the associated sample is ND for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). Failure of the RPDs to fall within the laboratory-generated acceptance windows requires the repreparation and reanalysis of all samples in the QC batch. The only exception is that if the MS/MSD RPDs are within acceptance criteria, the batch is acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except for the common laboratory contaminants indicated below.

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals
Methylene chloride	Phthalate Esters	Copper
Acetone		Iron
2-Butanone		Zinc
		Lead*

** for analyses run on TJA Trace ICP or GFAA only*

QUALITY CONTROL ELEMENTS OF SW-846 METHODS (continued)

METHOD BLANK (continued)

The listed volatile and semivolatile compounds may be present in concentrations up to 5 times the reporting limits. The listed metals may be present in concentrations up to 2 times the reporting limit or must be twenty fold less than the results of the environmental samples. Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. When these values fail to meet acceptance criteria, the data is reviewed to determine the cause. If, in the analyst's judgment, sample matrix effects are indicated, no corrective action is performed. Otherwise, the MS/MSD and the environmental sample used to prepare them are reprepared and reanalyzed.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample are spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

The acceptance criteria do not apply to samples that are diluted. If the dilution is more than 5X, the recoveries will be reported as diluted out. All other surrogate recoveries will be reported. If the LCS, LCSD, or the Method Blank surrogates fail to meet recovery criteria (exception for dilutions), the entire batch of samples is reprepared and reanalyzed.

If the surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank and the associated sample(s) are ND, the batch is acceptable. If the surrogate recoveries are outside criteria for environmental or MS/MSD samples, the batch may be acceptable based on the analyst's judgment that sample matrix effects are indicated.

For the GC/MS BNA methods, the surrogate criteria is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide/PCB, PAH, TPH, and Herbicide methods, the surrogate criteria is that one of two surrogate compounds meet acceptance criteria.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L150124 **Work Order #...:** CELXK102 **Matrix.....:** SOLID
LCS Lot-Sample#: A7L190000-121
Prep Date.....: 12/18/97 **Analysis Date..:** 12/18/97
Prep Batch #...: 7353121
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	116	(60 - 119)	SW846 8260A
Trichloroethene	106	(74 - 115)	SW846 8260A
Chlorobenzene	94	(85 - 116)	SW846 8260A
Toluene	101	(87 - 118)	SW846 8260A
Benzene	100	(83 - 118)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(61 - 115)
Toluene-d8	94	(82 - 129)
Bromofluorobenzene	89	(64 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L150124 **Work Order #...:** CEP5W102 **Matrix.....:** WATER
LCS Lot-Sample#: A7L240000-160
Prep Date.....: 12/24/97 **Analysis Date..:** 12/24/97
Prep Batch #...: 7358160
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	102	(60 - 109)	SW846 8260A
Trichloroethene	101	(75 - 119)	SW846 8260A
Chlorobenzene	102	(76 - 120)	SW846 8260A
Toluene	106	(76 - 119)	SW846 8260A
Benzene	102	(73 - 118)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	109	(73 - 115)
Toluene-d8	98	(90 - 110)
Bromofluorobenzene	100	(87 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L150124 **Work Order #...:** CEP99101 **Matrix.....:** SOLID
LCS Lot-Sample#: A7L240000-177
Prep Date.....: 01/05/98 **Analysis Date..:** 01/05/98
Prep Batch #...: 7358177
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethylene	103	(60 - 119)	SW846 8260A
Trichloroethylene	107	(74 - 115)	SW846 8260A
Chlorobenzene	109	(85 - 116)	SW846 8260A
Benzene	108	(83 - 118)	SW846 8260A
Toluene	129 a	(87 - 118)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	105	(61 - 115)
Toluene-d8	96	(82 - 129)
Bromofluorobenzene	90	(64 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L150124 **Work Order #...:** CEMVR102 **Matrix.....:** SOLID
LCS Lot-Sample#: A7L210000-101
Prep Date.....: 12/21/97 **Analysis Date..:** 12/26/97
Prep Batch #...: 7355101
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,4-Dichlorobenzene	68	(34 - 113)	SW846 8270B
2,4-Dinitrotoluene	102	(41 - 154)	SW846 8270B
Hexachlorobenzene	85	(57 - 118)	SW846 8270B
Hexachlorobutadiene	68	(44 - 104)	SW846 8270B
Hexachloroethane	63	(39 - 96)	SW846 8270B
Nitrobenzene	81	(49 - 111)	SW846 8270B
Pentachlorophenol	80	(24 - 145)	SW846 8270B
Pyridine	38	(0.0- 99)	SW846 8270B
2,4,5-Trichlorophenol	90	(43 - 118)	SW846 8270B
2,4,6-Trichlorophenol	78	(45 - 102)	SW846 8270B
Cresols (total)	86	(46 - 109)	SW846 8270B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	82	(44 - 110)
2-Fluorobiphenyl	76	(50 - 105)
Terphenyl-d14	105	(11 - 158)
Phenol-d5	88	(0.0- 131)
2-Fluorophenol	84	(0.0- 130)
2,4,6-Tribromophenol	106	(0.0- 156)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L150124 **Work Order #...:** CEPWJ102 **Matrix.....:** SOLID
LCS Lot-Sample#: A7L300000-109
Prep Date.....: 12/30/97 **Analysis Date..:** 01/05/98
Prep Batch #...: 7364109
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,4-Dichlorobenzene	74	(34 - 113)	SW846 8270B
2,4-Dinitrotoluene	81	(41 - 154)	SW846 8270B
Hexachlorobenzene	71	(57 - 118)	SW846 8270B
Hexachlorobutadiene	66	(44 - 104)	SW846 8270B
Hexachloroethane	67	(39 - 96)	SW846 8270B
Nitrobenzene	63	(49 - 111)	SW846 8270B
Pentachlorophenol	71	(24 - 145)	SW846 8270B
Pyridine	31	(0.0- 99)	SW846 8270B
2,4,5-Trichlorophenol	69	(43 - 118)	SW846 8270B
2,4,6-Trichlorophenol	68	(45 - 102)	SW846 8270B
Cresols (total)	75	(46 - 109)	SW846 8270B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66	(44 - 110)
2-Fluorobiphenyl	77	(50 - 105)
Terphenyl-d14	113	(11 - 158)
Phenol-d5	79	(0.0- 131)
2-Fluorophenol	75	(0.0- 130)
2,4,6-Tribromophenol	85	(0.0- 156)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7L150124 **Work Order #...:** CEJGW102 **Matrix.....:** SOLID
LCS Lot-Sample#: A7L150000-234
Prep Date.....: 12/15/97 **Analysis Date..:** 12/18/97
Prep Batch #...: 7349234
Dilution Factor: 5

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	105	(60 - 133)	SW846 8080A
Aroclor 1260	97	(59 - 129)	SW846 8080A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	111	(8.0- 129)
Decachlorobiphenyl	97	(0.0- 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: A7L150124 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7L180000-247 **Prep Batch #...:** 7352247					
Barium	99	(50 - 150)	SW846 6010A	12/19/97	CELR210D
		Dilution Factor: 1			
Cadmium	114	(50 - 150)	SW846 6010A	12/19/97	CELR210E
		Dilution Factor: 1			
Chromium	111	(50 - 150)	SW846 6010A	12/19/97	CELR210F
		Dilution Factor: 1			
Lead	107	(50 - 150)	SW846 6010A	12/19/97	CELR210G
		Dilution Factor: 1			
Selenium	100	(50 - 150)	SW846 6010A	12/19/97	CELR210H
		Dilution Factor: 1			
Copper	99	(50 - 150)	SW846 6010A	12/19/97	CELR210J
		Dilution Factor: 1			
Nickel	111	(50 - 150)	SW846 6010A	12/19/97	CELR210K
		Dilution Factor: 1			
Silver	105	(50 - 150)	SW846 6010A	12/19/97	CELR210L
		Dilution Factor: 1			
Arsenic	108	(50 - 150)	SW846 6010A	12/19/97	CELR210M
		Dilution Factor: 1			
Zinc	112	(50 - 150)	SW846 6010A	12/19/97	CELR210N
		Dilution Factor: 1			
Mercury	91	(50 - 150)	SW846 7470A	12/19-12/22/97	CELR210P
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L150124 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium		Work Order #: CEQC9102	LCS Lot-Sample#: A7L310000-134		
	104	(75 - 125)	SW846 7196A	12/31/97	7365134

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L150124 **Work Order #...:** CELXK101 **Matrix.....:** SOLID
MB Lot-Sample #: A7L190000-121

Prep Date.....: 12/18/97
Analysis Date..: 12/18/97 **Prep Batch #...:** 7353121
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acrolein	ND	100	ug/kg	SW846 8260A
Acrylonitrile	ND	100	ug/kg	SW846 8260A
Benzene	ND	5.0	ug/kg	SW846 8260A
Bromoform	ND	5.0	ug/kg	SW846 8260A
Bromomethane	ND	10	ug/kg	SW846 8260A
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260A
Chlorobenzene	ND	5.0	ug/kg	SW846 8260A
Chlorodibromomethane	ND	5.0	ug/kg	SW846 8260A
Chloroethane	ND	10	ug/kg	SW846 8260A
Chloroform	ND	5.0	ug/kg	SW846 8260A
Chloromethane	ND	10	ug/kg	SW846 8260A
Dichlorobromomethane	ND	5.0	ug/kg	SW846 8260A
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260A
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloroethene (total)	ND	5.0	ug/kg	SW846 8260A
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260A
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260A
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260A
Ethylbenzene	ND	5.0	ug/kg	SW846 8260A
Methylene chloride	ND	5.0	ug/kg	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260A
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260A
Toluene	ND	5.0	ug/kg	SW846 8260A
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260A
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260A
Trichloroethene	ND	5.0	ug/kg	SW846 8260A
Vinyl chloride	ND	10	ug/kg	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(61 - 115)
Toluene-d8	93	(82 - 129)
Bromofluorobenzene	91	(64 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP GC/MS Volatiles

Client Lot #...: A7L150124 **Work Order #...:** CENN4101 **Matrix.....:** SOLID
MB Lot-Sample #: A7L230000-171
Leach Date.....: 12/24/97 **Prep Date.....:** 01/05/98 **Analysis Date..:** 01/05/98
Leach Batch #..: P735702 **Prep Batch #...:** 7358177
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	0.025	mg/L	SW846 8260A
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260A
Chlorobenzene	ND	0.025	mg/L	SW846 8260A
Chloroform	ND	0.025	mg/L	SW846 8260A
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260A
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260A
Methyl ethyl ketone	ND	0.050	mg/L	SW846 8260A
Tetrachloroethylene	ND	0.025	mg/L	SW846 8260A
Trichloroethylene	ND	0.025	mg/L	SW846 8260A
Vinyl chloride	ND	0.050	mg/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(61 - 115)
Toluene-d8	97	(82 - 129)
Bromofluorobenzene	91	(64 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L150124 **Work Order #...:** CEP5W101 **Matrix.....:** WATER
MB Lot-Sample #: A7L240000-160

Prep Date.....: 12/24/97
Analysis Date..: 12/24/97 **Prep Batch #...:** 7358160
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acrolein	ND	100	ug/L	SW846 8260A
Acrylonitrile	ND	100	ug/L	SW846 8260A
Benzene	ND	5.0	ug/L	SW846 8260A
Bromoform	ND	5.0	ug/L	SW846 8260A
Bromomethane	ND	10	ug/L	SW846 8260A
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260A
Chlorobenzene	ND	5.0	ug/L	SW846 8260A
Chlorodibromomethane	ND	5.0	ug/L	SW846 8260A
Chloroethane	ND	10	ug/L	SW846 8260A
Chloroform	ND	5.0	ug/L	SW846 8260A
Chloromethane	ND	10	ug/L	SW846 8260A
Dichlorobromomethane	ND	5.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260A
1,2-Dichloroethene (total)	ND	5.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A
Ethylbenzene	ND	5.0	ug/L	SW846 8260A
Methylene chloride	ND	5.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260A
Tetrachloroethene	ND	5.0	ug/L	SW846 8260A
Toluene	ND	5.0	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260A
Trichloroethene	ND	5.0	ug/L	SW846 8260A
Vinyl chloride	ND	10	ug/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(73 - 115)
Toluene-d8	95	(90 - 110)
Bromofluorobenzene	97	(87 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP GC/MS Semivolatiles

Client Lot #...: A7L150124 **Work Order #...:** CEMVR101 **Matrix.....:** SOLID
MB Lot-Sample #: A7L210000-101
Leach Date.....: 12/19/97 **Prep Date.....:** 12/21/97 **Analysis Date..:** 12/26/97
Leach Batch #..: P735203 **Prep Batch #...:** 7355101
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Nitrobenzene	ND	0.050	mg/L	SW846 8270B
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B
Pyridine	ND	0.10	mg/L	SW846 8270B
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B
Hexachloroethane	ND	0.050	mg/L	SW846 8270B
o-Cresol	ND	0.050	mg/L	SW846 8270B
Phenol	ND	0.050	mg/L	SW846 8270B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	76	(44 - 110)
2-Fluorobiphenyl	74	(50 - 105)
Terphenyl-d14	94	(11 - 158)
Phenol-d5	89	(0.0- 131)
2-Fluorophenol	81	(0.0- 130)
2,4,6-Tribromophenol	95	(0.0- 156)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP GC/MS Semivolatiles

Client Lot #...: A7L150124 **Work Order #...:** CEPWJ101 **Matrix.....:** SOLID
MB Lot-Sample #: A7L300000-109
Leach Date.....: 12/19/97 **Prep Date.....:** 12/30/97 **Analysis Date..:** 01/05/98
Leach Batch #..: P735203 **Prep Batch #...:** 7364109
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Nitrobenzene	ND	0.050	mg/L	SW846 8270B
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B
Pyridine	ND	0.10	mg/L	SW846 8270B
2,4,5-Trichlorophenol	ND	0.25	mg/L	SW846 8270B
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B
Hexachloroethane	ND	0.050	mg/L	SW846 8270B
o-Cresol	ND	0.050	mg/L	SW846 8270B
Phenol	ND	0.050	mg/L	SW846 8270B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	55	(44 - 110)
2-Fluorobiphenyl	64	(50 - 105)
Terphenyl-d14	103	(11 - 158)
Phenol-d5	62	(0.0- 131)
2-Fluorophenol	61	(0.0- 130)
2,4,6-Tribromophenol	75	(0.0- 156)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A7L150124 **Work Order #...:** CEJGW101 **Matrix.....:** SOLID
MB Lot-Sample #: A7L150000-234

Prep Date.....: 12/15/97
Analysis Date..: 12/18/97 **Prep Batch #...:** 7349234
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	17	ug/kg	SW846 8080A
Aroclor 1221	ND	17	ug/kg	SW846 8080A
Aroclor 1232	ND	17	ug/kg	SW846 8080A
Aroclor 1242	ND	17	ug/kg	SW846 8080A
Aroclor 1248	ND	17	ug/kg	SW846 8080A
Aroclor 1254	ND	33	ug/kg	SW846 8080A
Aroclor 1260	ND	33	ug/kg	SW846 8080A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(8.0- 129)
Decachlorobiphenyl	86	(0.0- 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: A7L150124 **Matrix.....:** SOLID

MB Lot-Sample #: A7L180000-187 **Prep Batch #...:** 7352247
Leach Date.....: 12/19/97 **Leach Batch #..:** P735203

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	0.50	mg/L	SW846 6010A	12/19/97	CELDV105
		Dilution Factor: 1				
Arsenic	ND	0.50	mg/L	SW846 6010A	12/19/97	CELDV106
		Dilution Factor: 1				
Barium	ND	10.0	mg/L	SW846 6010A	12/19/97	CELDV107
		Dilution Factor: 1				
Cadmium	ND	0.10	mg/L	SW846 6010A	12/19/97	CELDV108
		Dilution Factor: 1				
Chromium	ND	0.50	mg/L	SW846 6010A	12/19/97	CELDV109
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010A	12/19/97	CELDV10A
		Dilution Factor: 1				
Selenium	ND	0.25	mg/L	SW846 6010A	12/19/97	CELDV10C
		Dilution Factor: 1				
Copper	ND	1.0	mg/L	SW846 6010A	12/19/97	CELDV101
		Dilution Factor: 1				
Nickel	ND	0.040	mg/L	SW846 6010A	12/19/97	CELDV102
		Dilution Factor: 1				
Mercury	ND	0.0020	mg/L	SW846 7470A	12/19-12/22/97	CELDV104
		Dilution Factor: 1				
Zinc	ND	1.0	mg/L	SW846 6010A	12/19/97	CELDV103
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: A7L150124 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A7L180000-247 **Prep Batch #...:** 7352247						
Silver	ND	0.50	mg/L	SW846 6010A	12/19/97	CELR2108
		Dilution Factor: 1				
Arsenic	ND	0.50	mg/L	SW846 6010A	12/19/97	CELR2109
		Dilution Factor: 1				
Barium	ND	10.0	mg/L	SW846 6010A	12/19/97	CELR2101
		Dilution Factor: 1				
Cadmium	ND	0.10	mg/L	SW846 6010A	12/19/97	CELR2102
		Dilution Factor: 1				
Chromium	ND	0.50	mg/L	SW846 6010A	12/19/97	CELR2103
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010A	12/19/97	CELR2104
		Dilution Factor: 1				
Selenium	ND	0.25	mg/L	SW846 6010A	12/19/97	CELR2105
		Dilution Factor: 1				
Copper	ND	1.0	mg/L	SW846 6010A	12/19/97	CELR2106
		Dilution Factor: 1				
Nickel	ND	0.040	mg/L	SW846 6010A	12/19/97	CELR2107
		Dilution Factor: 1				
Mercury	ND	0.0020	mg/L	SW846 7470A	12/19-12/22/97	CELR210C
		Dilution Factor: 1				
Zinc	ND	1.0	mg/L	SW846 6010A	12/19/97	CELR210A
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A7L150124 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids		Work Order #:	CEJLJ101	MB Lot-Sample #:	A7L160000-115	
	ND	0.10	%	MCAWW 160.3 MOD	12/16-12/17/97	7350115
		Dilution Factor: 1				
Reactive Cyanide		Work Order #:	CEKHL101	MB Lot-Sample #:	A7L170000-210	
	ND	200	mg/kg	SW846 7.3.3	12/17/97	7351210
		Dilution Factor: 1				
Reactive Sulfide		Work Order #:	CEKHG101	MB Lot-Sample #:	A7L170000-208	
	ND	200	mg/kg	SW846 7.3.4	12/17/97	7351208
		Dilution Factor: 1				
Total Halogens		Work Order #:	CEM08101	MB Lot-Sample #:	C7L190000-131	
	ND	1.0	%	ASTM D 2361-91	12/19-12/23/97	7353131
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A7L150124 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium		Work Order #: CEQC9101		MB Lot-Sample #:	A7L310000-134	
	ND	0.02	mg/L	SW846 7196A	12/31/97	7365134
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L150124 **Work Order #...:** CEJCV103-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L150124-007 CEJCV104-MSD
Date Sampled...: 12/12/97 17:00 **Date Received..:** 12/13/97
Prep Date.....: 12/18/97 **Analysis Date..:** 12/18/97
Prep Batch #...: 7353121
Dilution Factor: 1 **% Moisture.....:** 26

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	100	(78 - 117)			SW846 8260A
	101	(78 - 117)	1.8	(0-17)	SW846 8260A
Chlorobenzene	93	(81 - 115)			SW846 8260A
	95	(81 - 115)	2.4	(0-18)	SW846 8260A
1,1-Dichloroethene	115 a	(75 - 113)			SW846 8260A
	116 a	(75 - 113)	0.66	(0-20)	SW846 8260A
Toluene	97	(78 - 126)			SW846 8260A
	101	(78 - 126)	3.8	(0-24)	SW846 8260A
Trichloroethene	97	(71 - 110)			SW846 8260A
	71	(71 - 110)	14	(0-22)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	108	(61 - 115)
	106	(61 - 115)
Toluene-d8	93	(82 - 129)
	96	(82 - 129)
Bromofluorobenzene	86	(64 - 112)
	89	(64 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP GC/MS Volatiles

Client Lot #...: A7L150124 **Work Order #...:** CEKK5129-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L170124-004 CEKK512A-MSD
Date Sampled...: 12/13/97 10:50 **Date Received..:** 12/16/97
Leach Date.....: 12/24/97 **Prep Date.....:** 01/06/98 **Analysis Date..:** 01/06/98
Leach Batch #..: P735702 **Prep Batch #...:** 7358177
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethylene	110	(75 - 113)			SW846 8260A
	111	(75 - 113)	0.99	(0-20)	SW846 8260A
Trichloroethylene	105	(71 - 110)			SW846 8260A
	108	(71 - 110)	2.8	(0-22)	SW846 8260A
Chlorobenzene	103	(81 - 115)			SW846 8260A
	104	(81 - 115)	0.37	(0-18)	SW846 8260A
Benzene	101	(78 - 117)			SW846 8260A
	102	(78 - 117)	1.0	(0-17)	SW846 8260A
Toluene	101	(78 - 126)			SW846 8260A
	104	(78 - 126)	2.6	(0-24)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	91	(61 - 115)
	92	(61 - 115)
Toluene-d8	97	(82 - 129)
	98	(82 - 129)
Bromofluorobenzene	89	(64 - 112)
	87	(64 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L150124 **Work Order #...:** CEMED102-MS **Matrix.....:** WATER
MS Lot-Sample #: A7L190161-005 CEMED103-MSD
Date Sampled...: 12/13/97 08:46 **Date Received..:** 12/19/97
Prep Date.....: 12/24/97 **Analysis Date..:** 12/24/97
Prep Batch #...: 7358160
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	95	(75 - 113)			SW846 8260A
	101	(75 - 113)	6.6	(0-20)	SW846 8260A
Trichloroethene	98	(71 - 110)			SW846 8260A
	97	(71 - 110)	1.2	(0-22)	SW846 8260A
Chlorobenzene	100	(81 - 115)			SW846 8260A
	99	(81 - 115)	1.3	(0-18)	SW846 8260A
Toluene	106	(78 - 126)			SW846 8260A
	101	(78 - 126)	4.1	(0-24)	SW846 8260A
Benzene	104	(78 - 117)			SW846 8260A
	104	(78 - 117)	0.83	(0-17)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	111	(73 - 115)
	109	(73 - 115)
Toluene-d8	98	(90 - 110)
	98	(90 - 110)
Bromofluorobenzene	102	(87 - 110)
	101	(87 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP GC/MS Semivolatiles

Client Lot #...: A7L150124 **Work Order #...:** CEJCJ10X-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L150124-003 CEJCJ110-MSD
Date Sampled...: 12/11/97 13:20 **Date Received..:** 12/13/97
Leach Date.....: 12/19/97 **Prep Date.....:** 12/21/97 **Analysis Date..:** 12/26/97
Leach Batch #..: P735203 **Prep Batch #...:** 7355101
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Cresols (total)	57	(22 - 115)			SW846 8270B
	71	(22 - 115)	22	(0-43)	SW846 8270B
Nitrobenzene	78	(40 - 118)			SW846 8270B
	95	(40 - 118)	20	(0-25)	SW846 8270B
Pentachlorophenol	57	(10 - 148)			SW846 8270B
	89	(10 - 148)	43	(0-75)	SW846 8270B
Pyridine	22	(22 - 96)			SW846 8270B
	38	(22 - 96)	51	(0-52)	SW846 8270B
2,4,5-Trichlorophenol	71	(25 - 136)			SW846 8270B
	68	(25 - 136)	4.1	(0-62)	SW846 8270B
2,4,6-Trichlorophenol	49	(20 - 127)			SW846 8270B
	59	(20 - 127)	19	(0-55)	SW846 8270B
1,4-Dichlorobenzene	55	(34 - 105)			SW846 8270B
	73 p	(34 - 105)	28	(0-21)	SW846 8270B
2,4-Dinitrotoluene	95	(10 - 154)			SW846 8270B
	110	(10 - 154)	14	(0-42)	SW846 8270B
Hexachlorobenzene	80	(33 - 123)			SW846 8270B
	94	(33 - 123)	15	(0-23)	SW846 8270B
Hexachlorobutadiene	64	(27 - 107)			SW846 8270B
	80	(27 - 107)	22	(0-24)	SW846 8270B
Hexachloroethane	53	(24 - 107)			SW846 8270B
	70 p	(24 - 107)	28	(0-20)	SW846 8270B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	78	(44 - 110)
	92	(44 - 110)
2-Fluorobiphenyl	72	(50 - 105)
	85	(50 - 105)
Terphenyl-d14	97	(11 - 158)
	113	(11 - 158)
Phenol-d5	55	(0.0- 131)
	49	(0.0- 131)
2-Fluorophenol	43	(0.0- 130)
	33	(0.0- 130)
2,4,6-Tribromophenol	47	(0.0- 156)
	82	(0.0- 156)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP GC/MS Semivolatiles

Client Lot #...: A7L150124 **Work Order #...:** CEJCP10V-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L150124-005 CEJCP10W-MSD
Date Sampled...: 12/12/97 14:00 **Date Received..:** 12/13/97
Leach Date.....: 12/19/97 **Prep Date.....:** 12/30/97 **Analysis Date..:** 01/05/98
Leach Batch #..: P735203 **Prep Batch #...:** 7364109
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Cresols (total)	24	(22 - 115)			SW846 8270B
	54 p	(22 - 115)	77	(0-43)	SW846 8270B
Nitrobenzene	49	(40 - 118)			SW846 8270B
	63 p	(40 - 118)	26	(0-25)	SW846 8270B
Pentachlorophenol	6.8 a	(10 - 148)			SW846 8270B
	12	(10 - 148)	58	(0-75)	SW846 8270B
Pyridine	6.3 a	(22 - 96)			SW846 8270B
	21 a,p	(22 - 96)	107	(0-52)	SW846 8270B
2,4,5-Trichlorophenol	10 a	(25 - 136)			SW846 8270B
	12 a	(25 - 136)	21	(0-62)	SW846 8270B
2,4,6-Trichlorophenol	2.8 a	(20 - 127)			SW846 8270B
	4.6 a	(20 - 127)	50	(0-55)	SW846 8270B
1,4-Dichlorobenzene	57	(34 - 105)			SW846 8270B
	73 p	(34 - 105)	25	(0-21)	SW846 8270B
2,4-Dinitrotoluene	68	(10 - 154)			SW846 8270B
	83	(10 - 154)	20	(0-42)	SW846 8270B
Hexachlorobenzene	64	(33 - 123)			SW846 8270B
	75	(33 - 123)	16	(0-23)	SW846 8270B
Hexachlorobutadiene	56	(27 - 107)			SW846 8270B
	72 p	(27 - 107)	26	(0-24)	SW846 8270B
Hexachloroethane	55	(24 - 107)			SW846 8270B
	69 p	(24 - 107)	22	(0-20)	SW846 8270B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	54	(44 - 110)
	66	(44 - 110)
2-Fluorobiphenyl	66	(50 - 105)
	71	(50 - 105)
Terphenyl-d14	102	(11 - 158)
	113	(11 - 158)
Phenol-d5	7.2	(0.0- 131)
	22	(0.0- 131)
2-Fluorophenol	2.6	(0.0- 130)
	6.5	(0.0- 130)
2,4,6-Tribromophenol	2.6	(0.0- 156)
	3.2	(0.0- 156)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7L150124 **Work Order #...:** CEEAV10E-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L060126-001 CEEAV10F-MSD
Date Sampled...: 12/02/97 09:43 **Date Received..:** 12/06/97
Prep Date.....: 12/15/97 **Analysis Date..:** 12/22/97
Prep Batch #...: 7349234
Dilution Factor: 5 **% Moisture.....:** 25

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**103**	**(44 - 139)**			**SW846 8080A**
	110	**(44 - 139)**	**7.2**	**(0-28)**	**SW846 8080A**
Aroclor 1260	**101**	**(44 - 139)**			**SW846 8080A**
	112	**(44 - 139)**	**9.8**	**(0-28)**	**SW846 8080A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	110	(8.0- 129)
	111	(8.0- 129)
Decachlorobiphenyl	92	(0.0- 138)
	109	(0.0- 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: A7L150124 **Matrix.....:** SOLID
Date Sampled...: 12/12/97 17:00 **Date Received..:** 12/13/97

MS Lot-Sample #: A7L150124-007 **Prep Batch #...:** 7352247
Leach Date.....: 12/19/97 **Leach Batch #..:** P735203

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	109	(50 - 150)			SW846 6010A	12/19-12/22/97	CEJCV12T
	106	(50 - 150)	2.9	(0-20)	SW846 6010A	12/19-12/22/97	CEJCV12U
		Dilution Factor: 1					
Arsenic	105	(50 - 150)			SW846 6010A	12/19-12/22/97	CEJCV12V
	103	(50 - 150)	2.4	(0-20)	SW846 6010A	12/19-12/22/97	CEJCV12W
		Dilution Factor: 1					
Barium	103	(50 - 150)			SW846 6010A	12/19-12/22/97	CEJCV136
	101	(50 - 150)	2.6	(0-20)	SW846 6010A	12/19-12/22/97	CEJCV137
		Dilution Factor: 1					
Cadmium	98	(50 - 150)			SW846 6010A	12/19-12/22/97	CEJCV12D
	96	(50 - 150)	2.2	(0-20)	SW846 6010A	12/19-12/22/97	CEJCV12E
		Dilution Factor: 1					
Chromium	103	(50 - 150)			SW846 6010A	12/19-12/22/97	CEJCV12G
	100	(50 - 150)	3.1	(0-20)	SW846 6010A	12/19-12/22/97	CEJCV12H
		Dilution Factor: 1					
Lead	97	(50 - 150)			SW846 6010A	12/19-12/22/97	CEJCV12J
	95	(50 - 150)	2.4	(0-20)	SW846 6010A	12/19-12/22/97	CEJCV12K
		Dilution Factor: 1					
Selenium	91	(50 - 150)			SW846 6010A	12/19-12/22/97	CEJCV12L
	89	(50 - 150)	2.7	(0-20)	SW846 6010A	12/19-12/22/97	CEJCV12M
		Dilution Factor: 1					
Copper	104	(50 - 150)			SW846 6010A	12/19-12/22/97	CEJCV12N
	101	(50 - 150)	2.8	(0-20)	SW846 6010A	12/19-12/22/97	CEJCV12P
		Dilution Factor: 1					
Nickel	101	(50 - 150)			SW846 6010A	12/19-12/22/97	CEJCV12Q
	98	(50 - 150)	3.1	(0-20)	SW846 6010A	12/19-12/22/97	CEJCV12R
		Dilution Factor: 1					
Mercury	65	(50 - 150)			SW846 7470A	12/19-12/22/97	CEJCV131
	93 *	(50 - 150)	35	(0-20)	SW846 7470A	12/19-12/22/97	CEJCV132
		Dilution Factor: 1					
Zinc	103	(50 - 150)			SW846 6010A	12/19-12/22/97	CEJCV12X
	100	(50 - 150)	2.9	(0-20)	SW846 6010A	12/19-12/22/97	CEJCV130
		Dilution Factor: 1					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: A7L150124 **Matrix.....:** SOLID
Date Sampled...: 12/12/97 17:00 **Date Received..:** 12/13/97

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L150124 **Matrix.....:** SOLID
Date Sampled...: 12/13/97 10:50 **Date Received..:** 12/16/97

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium		WO#:	CEKK512Q-MS/CEKK512R-MSD			MS Lot-Sample #:	A7L170124-004
	113	(75 - 125)			SW846 7196A	12/31/97	7365134
	105	(75 - 125)	7.3	(0-20)	SW846 7196A	12/31/97	7365134

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L150124 **Work Order #...:** CEJCJ-SMP CEJCJ-DUP **Matrix.....:** SOLID

Date Sampled...: 12/11/97 13:20 **Date Received..:** 12/13/97

% Moisture.....: 4.2

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
DI Leachable pH						SD Lot-Sample #:	A7L150124-003	
	9.2	9.2	No Units	0.0	(0-20)	MCAWW 150.1	12/19/97	7352122

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L150124 **Work Order #...:** CEJCJ-SMP **Matrix.....:** SOLID
CEJCJ-DUP

Date Sampled...: 12/11/97 13:20 **Date Received..:** 12/13/97

% Moisture.....: 4.2

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Halogens						SD Lot-Sample #:	A7L150124-003	
	3.2	2.4	%	29	(0-20)	ASTM D 2361-91	12/19-12/23/97	7353131

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L150124 **Work Order #...:** CEJCN-SMP CEJCN-DUP **Matrix.....:** SOLID

Date Sampled...: 12/11/97 09:40 **Date Received..:** 12/13/97

% Moisture.....: 4.5

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Reactive Cyanide						SD Lot-Sample #:	A7L150124-004	
	ND	ND	mg/kg	0	(0-20)	SW846 7.3.3	12/17/97	7351210
		Dilution Factor: 1						
Reactive Sulfide						SD Lot-Sample #:	A7L150124-004	
	ND	ND	mg/kg	0	(0-20)	SW846 7.3.4	12/17/97	7351208
		Dilution Factor: 1						

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L150124 **Work Order #...:** CEJ3P-SMP **Matrix.....:** SOLID
CEJ3P-DUP

Date Sampled...: 12/12/97 12:15 **Date Received..:** 12/13/97

% Moisture.....: 17

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #:	A7L130141-001	
	83.1	85.1	%	2.4	(0-20)	MCAWW 160.3 MOD	12/16-12/17/97	7350115

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L150124 **Work Order #...:** CEKK5-SMP CEKK5-DUP **Matrix.....:** SOLID

Date Sampled...: 12/13/97 10:50 **Date Received..:** 12/16/97

% Moisture.....: 4.7

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Specific Gravity						SD Lot-Sample #:	A7L170124-004	
	1.5	1.5	No Units	2.5	(0-20)	SM18 2710 F	12/30/97	7364206

Dilution Factor: 1

CHRYSLER CORPORATION

Chain-of-Custody

00090 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number: 1-800-833-5097 Fax Number: (919) 379-4050	Project Name: DAYTON THERMAL Site Location: DAYTON, OH Site Code: SC001 RFA Number: YGQP9700234-T Chrysler PM: GARY STANCZUK	Consultant: Leggette, Brashears & Graham, Inc. Address: 1210 W. County Rd E, Suite 700 St. Paul, MN 55112 Consultant PM: Ken Vogel Phone: (612) 490-1405 Fax: -1006

Turn-around Time Request:
24 calendar hrs.
48 calendar hrs.
(10 days)
28 days

Data Package Deliverables: (circle)
(Chrysler Level 1)
Chrysler Level 2
Other (specify):

Matrix Codes
(S) Soil — SW - Surface Water
GW - Groundwater — A - Air
Sed. - Sediment
(O) Other (specify) DI H2O

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOC 8260 PPL 40ml VOA, HCl	1311 TCLP prep 16 oz wm jar, none	6/7000 TCLP MTS. var 16 oz wm jar	150 pH/Sol 16 oz wm jars, none	4095 LIQD (free liquids) 16 oz wm jars, none	320 Cl 16 oz wm jars, none	ch. 7, Ign 16 oz wm jar, none	160 Rea (Reactive Sulfide + Cyanide) 16 oz wm jars, none	8080 PPL, PCB-GC 16 oz wm jar	Lab Use Only: Volatiles pH <2	Metals pH <2	Cyanide pH > 12	Other	Remarks
FB121297	12/12/97	1500	G	O	3	✓													Begin SD6234 A
Trip Blank 121297	—	—	G	O	1	✓													
TB1 (7-9')	12/11/97	1320	G	S	3	✓	✓	✓	✓	✓	✓	✓	✓	✓					Analyses con't next chain
TB3 (~~13~~-15')	12/11/97	0940	G	S	3	✓	✓	✓	✓	✓	✓	✓	✓	✓					
TB4 (3-5')	12/12/97	1400	G	S	3	✓	✓	✓	✓	✓	✓	✓	✓	✓					
TB4 (14-16')		1530	G	S	3	✓	✓	✓	✓	✓	✓	✓	✓	✓					
TB6 (3-5')		1700	G	S	3	✓	✓	✓	✓	✓	✓	✓	✓	✓					See COC 2 of 2
TB6 (3-5') MS/MSD		1700	G	S	2	✓													MS/MSD

Sampler(s): Kai S. Hansen

Bottles Relinquished under Airbill No. ~~Fed Ex~~ AirBorne 6586319751

Samples Relinquished under Airbill No. FedEx 873873874

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
Kai S. Hansen	12/12/97	7:45				Yes No
						Yes No
			Received for Laboratory by: Valerie Graves	Date: 971213	Time: 1015A	Yes No

Cooler ID # _____

Is RFA sampling complete? Yes (No)

Chrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution: White copy: Data package Yellow: Retained by laboratory Pink: Retained by sampler

Revision No 1
Created: September 23, 1997

CHRYSLER CORPORATION

Chain-of-Custody

00091 A

CompuChem
501 Madison Avenue
Cary, NC 27513
Phone Number: 1-800-833-5097
Fax Number: (919) 379-4050

Project Name: DAYTON THERMAL
Site Location: DAYTON, OH
Site Code: SC001
RFA Number: YGQP 9700234-T
Chrysler PM: Gary Stanczak

Consultant: Leggette, Brashears & Graham, Inc
Address: 1210 W. County Rd E, Suite 700
St Paul, MN 55112
Consultant PM: Ken Vogel
Phone: (612) 490-1405 Fax: -1006

Turn-around Time Request:
24 calendar hrs.
48 calendar hrs.
10 days
28 days

Data Package Deliverables: (circle)
Chrysler Level 1
Chrysler Level 2
Other (specify):

Matrix Codes
S - Soil
GW - Groundwater
Sed. - Sediment
O - Other (specify)
SW - Surface Water
A - Air

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	8270A, TCLP, SVOC GC/MS, 16 oz wm jar	420, PhenSol 16 oz wm jar, none	hold LD VOC Hold							Volatiles pH <2	Metals pH < 2	Cyanide pH > 12	Other ____	Remarks
TB1 (7-9')	12/11/97	1320	G	S	3	✓	✓	✓											cont SO6234A
TB3 (13-15')	12/11/97	0940	G	S	3	✓	✓	✓											
TB4 (3-5')	12/12/97	1400	G	S	3	✓	✓	✓											
TB4 (14-16')		1530	G	S	3	✓	✓	✓											
TB6 (3-5')		1700	G	S	3	✓	✓	✓											END SO6234A

Lab Use Only

Sampler(s): Kai S. Hansen

Bottles Relinquished under Airbill No. AirBorne 6586319751

Samples Relinquished under Airbill No. Fed Ex 8737873874

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
Kai Hansen	12/12/97	7:45				Yes No
						Yes No
			Received for Laboratory by: Yolanda Graves	971213	1015A	Yes No

Cooler ID # _____

Is RFA sampling complete? Yes No

Chrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution: White copy: Data package Yellow : Retained by laboratory Pink: Retained by sampler

NOTE: Please refer to RFA sent to CompuChem Labs and special instructions before proceding w/ analyses.

Revision No. 1
Created: September 23, 1997

EPA Region 5 Records Ctr.
349874

Quanterra
Environmental Services

Quanterra Incorporated
4101 Shuffel Drive, NW
North Canton, Ohio 44720

330 497-9396 Telephone
330 497-0772 Fax

ANALYTICAL REPORT

PROJECT NO. YGQP97-00234-T

DAYTON THERMAL

Lot #: A7L170124

Cathy Dover

Compuchem Environmental

QUANTERRA INCORPORATED

Denise Pohl
for
Jeffrey C. Smith
Project Manager

January 15, 1998

CASE NARRATIVE

The following report contains the analytical results for three solid and two water samples submitted to Quanterra-North Canton by Compuchem Environmental from the Dayton Thermal Site, project number YGQP97-00234-T. The samples were received December 16, 1997, according to documented sample acceptance procedures, and were analyzed in accordance with Ohio Voluntary Action Program protocols (Lab Certification CL0024).

Quanterra-North Canton utilizes only USEPA approved methods and instrumentation in all analytical work. The samples presented in this report were analyzed for the parameters listed on the method reference page in accordance with the methods indicated. Preliminary results were provided by facsimile transmission to Cathy Dover on January 8, 1998.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan. All data have been found to be compliant with laboratory protocol.

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

Samples were received at the laboratory at a temperature of 2.2° C.

GC/MS VOLATILES

Recoveries of Toluene were out high in the Laboratory control sample. No positive hits were detected in any of the samples

GC/MS SEMIVOLATILES

The matrix spike/matrix spike duplicate associated with batch 7363111 exhibited recoveries outside acceptance limits However, since the associated method blank and laboratory control sample were in control, no corrective action was necessary.

ANALYTICAL METHODS SUMMARY

A7L170124

PARAMETER	ANALYTICAL METHOD
DI Leachable pH	MCAWW 150.1
Hexavalent Chromium	SW846 7196A
Ignitability	SW846 SECTION 7.1.2
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Method for Chlorine in Coal	ASTM D 2361-91
Organochlorine Pesticides and PCBs	SW846 8080A
Paint Filter Test	SW846 9095
Reactive Cyanide	SW846 7.3.3
Reactive Sulfide	SW846 7.3.4
Specific Gravity	SM18 2710 F
Total Residue as Percent Solids	MCAWW 160.3 MOD
Trivalent chromium	SW846 7196A
TCLP BNA's	SW846 8270B
TCLP Metals (ICP)	SW846 6010A
TCLP Volatiles	SW846 8260A
Volatile Organics by GC/MS	SW846 8260A

References:

ASTM Annual Book Of ASTM Standards.

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SM18 "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A7L170124

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
CEKJ6	001	FB121397	12/13/97	10:40
CEKJV	002	TB121397	12/13/97	00:00
CEKK0	003	TB9(3-5')	12/13/97	09:30
CEKK5	004	TB12(5-7')	12/13/97	10:50
CEKK8	005	TB10(1-3')	12/13/97	12:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages
- All calculations are performed before rounding to avoid round-off errors in calculated results
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: FB121397

GC/MS Volatiles

Lot-Sample #...: A7L170124-001 **Work Order #...:** CEKJ6101 **Matrix.....:** WATER
Date Sampled...: 12/13/97 10:40 **Date Received..:** 12/16/97
Prep Date.....: 12/24/97 **Analysis Date..:** 12/24/97
Prep Batch #...: 7358160
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acrolein	ND	100	ug/L	SW846 8260A
Acrylonitrile	ND	100	ug/L	SW846 8260A
Benzene	ND	5.0	ug/L	SW846 8260A
Bromoform	ND	5.0	ug/L	SW846 8260A
Bromomethane	ND	10	ug/L	SW846 8260A
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260A
Chlorobenzene	ND	5.0	ug/L	SW846 8260A
Chlorodibromomethane	ND	5.0	ug/L	SW846 8260A
Chloroethane	ND	10	ug/L	SW846 8260A
Chloroform	ND	5.0	ug/L	SW846 8260A
Chloromethane	ND	10	ug/L	SW846 8260A
Dichlorobromomethane	ND	5.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260A
1,2-Dichloroethene (total)	ND	5.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A
Ethylbenzene	ND	5.0	ug/L	SW846 8260A
Methylene chloride	ND	5.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260A
Tetrachloroethene	ND	5.0	ug/L	SW846 8260A
Toluene	ND	5.0	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260A
Trichloroethene	ND	5.0	ug/L	SW846 8260A
Vinyl chloride	ND	10	ug/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(73 - 115)
Toluene-d8	95	(90 - 110)
Bromofluorobenzene	99	(87 - 110)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB121397

GC/MS Volatiles

Lot-Sample #...: A7L170124-002 **Work Order #...:** CEKJV101 **Matrix.....:** WATER
Date Sampled...: 12/13/97 00:00 **Date Received..:** 12/16/97
Prep Date.....: 12/24/97 **Analysis Date..:** 12/24/97
Prep Batch #...: 7358160
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acrolein	ND	100	ug/L	SW846 8260A
Acrylonitrile	ND	100	ug/L	SW846 8260A
Benzene	ND	5.0	ug/L	SW846 8260A
Bromoform	ND	5.0	ug/L	SW846 8260A
Bromomethane	ND	10	ug/L	SW846 8260A
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260A
Chlorobenzene	ND	5.0	ug/L	SW846 8260A
Chlorodibromomethane	ND	5.0	ug/L	SW846 8260A
Chloroethane	ND	10	ug/L	SW846 8260A
Chloroform	ND	5.0	ug/L	SW846 8260A
Chloromethane	ND	10	ug/L	SW846 8260A
Dichlorobromomethane	ND	5.0	ug/L	SW846 8260A
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260A
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260A
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260A
1,2-Dichloroethene (total)	ND	5.0	ug/L	SW846 8260A
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260A
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260A
Ethylbenzene	ND	5.0	ug/L	SW846 8260A
Methylene chloride	ND	5.0	ug/L	SW846 8260A
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260A
Tetrachloroethene	ND	5.0	ug/L	SW846 8260A
Toluene	ND	5.0	ug/L	SW846 8260A
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260A
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260A
Trichloroethene	ND	5.0	ug/L	SW846 8260A
Vinyl chloride	ND	10	ug/L	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(73 - 115)
Toluene-d8	95	(90 - 110)
Bromofluorobenzene	97	(87 - 110)