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ANALYTICAL REPORT

PROJECT NO. RFA# YGQP9700228-1

DAYTON THERMAL

Lot #: A7K140171

Cathy Dover

Compuchem Environmental

QUANTERRA INCORPORATED

Jeffrey Smith/R. Stat
Jeffrey C. Smith
Project Manager

December 5, 1997

CASE NARRATIVE

The following report contains the analytical results for seven solid and two water samples submitted to Quanterra-North Canton by Compuchem Environmental from the Dayton Thermal Site, project number RFA #YGQP9700228-1. The samples were received November 14, 1997, according to documented sample acceptance procedures.

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 Kathy Dover on December 2, 1997.

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 0.7° C.

The following sample IDs were changed per Dave Strand of Leggette, Brashears & Graham: PZ20I to PX20D and PZ19 to PZ19I.

GC/MS VOLATILES

The matrix spike/matrix spike duplicates associated with this lot failed recovery criteria. The laboratory control samples associated with these batches were in control. These were believed to be matrix effects; therefore, no further corrective action was taken.

Internal standard areas were outside acceptance limits for samples MW7S 20-22' AND MW7S 30-32' due to matrix effects.

Surrogate recovery is outside acceptance limits in sample MW7S 30-32'. Reanalysis achieved similar results; therefore, the original data has been reported.

The pH of sample PZ-21 40-42' was greater than 2. The sample was analyzed within the normal 14-day holding time; however, experimental evidence suggests that some aromatic compounds in wastewater samples, notably Benzene, Toluene, and Ethylbenzene, are susceptible to biological degradation if the sample is not preserved to a pH of 2.

ANALYTICAL METHODS SUMMARY

A7K140171

PARAMETER	ANALYTICAL METHOD
Total Residue as Percent Solids	MCAWW 160.3 MOD
Volatile Organics by GC/MS	SW846 8260A

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A7K140171

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
CE2A4	001	MW7S 20-22'	11/11/97	10:45
CE2A6	002	MW7S 30-32'	11/11/97	12:00
CE2A7	003	PZ7I 55-57'	11/12/97	09:15
CE2A8	004	MW20S 20-22'	11/12/97	14:15
CE2AC	005	PZ20D 60-62'	11/13/97	11:50
CE2AG	006	PZ20D 86-87'	11/13/97	14:40
CE2AJ	007	PZ19I 20-22'	11/12/97	08:30
CE2AK	008	MW20S-E	11/12/97	15:35
CE2AM	009	PZ-21 40-42'	11/13/97	14:47

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: 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

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
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

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

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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
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
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

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

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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
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

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

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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
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

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

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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
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
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

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

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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
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

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
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

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
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

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' Hydropunch water sample

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

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
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

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

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 #...: A7K140171 **Work Order #...:** CE7F7102 **Matrix.....:** WATER
LCS Lot-Sample#: A7K240000-174
Prep Date.....: 11/20/97 **Analysis Date..:** 11/20/97
Prep Batch #...: 7328174
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	104	(87 - 113)	SW846 8260A
Trichloroethene	99	(89 - 115)	SW846 8260A
Chlorobenzene	102	(89 - 119)	SW846 8260A
Toluene	103	(81 - 117)	SW846 8260A
Benzene	107	(77 - 126)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(69 - 127)
Toluene-d8	98	(90 - 112)
Bromofluorobenzene	105	(87 - 114)

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 #...: A7K140171 **Work Order #...:** CE944102 **Matrix.....:** SOLID
LCS Lot-Sample#: A7K260000-207
Prep Date.....: 11/24/97 **Analysis Date..:** 11/24/97
Prep Batch #...: 7330207
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	118	(60 - 119)	SW846 8260A
Trichloroethene	93	(74 - 115)	SW846 8260A
Chlorobenzene	107	(85 - 116)	SW846 8260A
Toluene	107	(87 - 118)	SW846 8260A
Benzene	111	(83 - 118)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	85	(61 - 115)
Toluene-d8	96	(82 - 129)
Bromofluorobenzene	88	(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 #...: A7K140171 **Work Order #...:** CE9KG102 **Matrix.....:** SOLID
LCS Lot-Sample#: A7K260000-256
Prep Date.....: 11/26/97 **Analysis Date..:** 11/26/97
Prep Batch #...: 7330256
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	115	(60 - 119)	SW846 8260A
Trichloroethene	107	(74 - 115)	SW846 8260A
Chlorobenzene	113	(85 - 116)	SW846 8260A
Toluene	107	(87 - 118)	SW846 8260A
Benzene	114	(83 - 118)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(61 - 115)
Toluene-d8	97	(82 - 129)
Bromofluorobenzene	97	(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 #...: A7K140171 **Work Order #...:** CE913102 **Matrix.....:** SOLID
LCS Lot-Sample#: A7K260000-194
Prep Date.....: 11/25/97 **Analysis Date..:** 11/25/97
Prep Batch #...: 7330194
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	115	(60 - 119)	SW846 8260A
Trichloroethene	111	(74 - 115)	SW846 8260A
Chlorobenzene	115	(85 - 116)	SW846 8260A
Toluene	110	(87 - 118)	SW846 8260A
Benzene	114	(83 - 118)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(61 - 115)
Toluene-d8	98	(82 - 129)
Bromofluorobenzene	98	(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 #...: A7K140171 **Work Order #...:** CEAAK102 **Matrix.....:** SOLID
LCS Lot-Sample#: A7L010000-219
Prep Date.....: 11/26/97 **Analysis Date..:** 11/26/97
Prep Batch #...: 7335219
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	104	(60 - 119)	SW846 8260A
Trichloroethene	92	(74 - 115)	SW846 8260A
Chlorobenzene	101	(85 - 116)	SW846 8260A
Toluene	100	(87 - 118)	SW846 8260A
Benzene	107	(83 - 118)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(61 - 115)
Toluene-d8	96	(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 #...: 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
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

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 #...:** 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
1,2-Dichloroethene (total)	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

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
1,2-Dichloroethene (total)	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

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.

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
1,2-Dichloroethene (total)	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

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 #...:** 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
1,2-Dichloroethene (total)	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

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.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7K140171 **Work Order #...:** CE26C103-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K140151-009 CE26C104-MSD
Date Sampled...: 11/13/97 12:50 **Date Received..:** 11/14/97
Prep Date.....: 11/20/97 **Analysis Date..:** 11/20/97
Prep Batch #...: 7328174
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	103	(75 - 113)			SW846 8260A
	105	(75 - 113)	2.1	(0-20)	SW846 8260A
Trichloroethene	102	(71 - 110)			SW846 8260A
	100	(71 - 110)	2.0	(0-22)	SW846 8260A
Chlorobenzene	100	(81 - 115)			SW846 8260A
	105	(81 - 115)	4.6	(0-18)	SW846 8260A
Toluene	103	(78 - 126)			SW846 8260A
	102	(78 - 126)	0.41	(0-24)	SW846 8260A
Benzene	105	(78 - 117)			SW846 8260A
	105	(78 - 117)	0.05	(0-17)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	85	(69 - 127)
	94	(69 - 127)
Toluene-d8	101	(90 - 112)
	101	(90 - 112)
Bromofluorobenzene	103	(87 - 114)
	102	(87 - 114)

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 #...: A7K140171 **Work Order #...:** CE2GV113-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7K140185-025 CE2GV114-MSD
Date Sampled...: 11/11/97 15:25 **Date Received..:** 11/13/97
Prep Date.....: 11/25/97 **Analysis Date..:** 11/25/97
Prep Batch #...: 7330194
Dilution Factor: 1 **% Moisture.....:** 33

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	121 a	(75 - 113)			SW846 8260A
	116 a	(75 - 113)	4.1	(0-20)	SW846 8260A
Trichloroethene	103	(71 - 110)			SW846 8260A
	103	(71 - 110)	0.48	(0-22)	SW846 8260A
Chlorobenzene	114	(81 - 115)			SW846 8260A
	116 a	(81 - 115)	2.1	(0-18)	SW846 8260A
Toluene	104	(78 - 126)			SW846 8260A
	105	(78 - 126)	0.58	(0-24)	SW846 8260A
Benzene	121 a	(78 - 117)			SW846 8260A
	123 a	(78 - 117)	1.4	(0-17)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	107	(61 - 115)
	112	(61 - 115)
Toluene-d8	93	(82 - 129)
	93	(82 - 129)
Bromofluorobenzene	87	(64 - 112)
	88	(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.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7K140171 **Work Order #...:** CE2A4103-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7K140171-001 CE2A4104-MSD
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

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	101	(75 - 113)			SW846 8260A
	106	(75 - 113)	4.3	(0-20)	SW846 8260A
Trichloroethene	97	(71 - 110)			SW846 8260A
	102	(71 - 110)	4.8	(0-22)	SW846 8260A
Benzene	115	(78 - 117)			SW846 8260A
	122 a	(78 - 117)	6.2	(0-17)	SW846 8260A
Toluene	104	(78 - 126)			SW846 8260A
	115	(78 - 126)	9.5	(0-24)	SW846 8260A
Chlorobenzene	105	(81 - 115)			SW846 8260A
	109	(81 - 115)	4.0	(0-18)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	112	(61 - 115)
	118 *	(61 - 115)
Toluene-d8	95	(82 - 129)
	96	(82 - 129)
Bromofluorobenzene	84	(64 - 112)
	86	(64 - 112)

NOTE(S):

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

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7K140171 **Work Order #...:** CE1TG110-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7K140112-007 CE1TG111-MSD
Date Sampled...: 11/13/97 15:43 **Date Received..:** 11/14/97
Prep Date.....: 11/26/97 **Analysis Date..:** 11/26/97
Prep Batch #...: 7330256
Dilution Factor: 1 **% Moisture.....:** 8.0

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	114 a	(75 - 113)			SW846 8260A
	101	(75 - 113)	12	(0-20)	SW846 8260A
Trichloroethene	95	(71 - 110)			SW846 8260A
	90	(71 - 110)	6.3	(0-22)	SW846 8260A
Chlorobenzene	111	(81 - 115)			SW846 8260A
	104	(81 - 115)	6.1	(0-18)	SW846 8260A
Toluene	97	(78 - 126)			SW846 8260A
	89	(78 - 126)	8.6	(0-24)	SW846 8260A
Benzene	120 a	(78 - 117)			SW846 8260A
	114	(78 - 117)	4.8	(0-17)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	113	(61 - 115)
	117 *	(61 - 115)
Toluene-d8	89	(82 - 129)
	86	(82 - 129)
Bromofluorobenzene	84	(64 - 112)
	80	(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.

* Surrogate recovery is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7K140171 **Work Order #...:** CE1T0130-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7K140112-006 CE1T0131-MSD
Date Sampled...: 11/13/97 15:28 **Date Received..:** 11/14/97
Prep Date.....: 11/26/97 **Analysis Date..:** 11/26/97
Prep Batch #...: 7335219
Dilution Factor: 1 **% Moisture.....:** 11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	98	(75 - 113)			SW846 8260A
	107	(75 - 113)	8.5	(0-20)	SW846 8260A
Trichloroethene	91	(71 - 110)			SW846 8260A
	96	(71 - 110)	5.7	(0-22)	SW846 8260A
Chlorobenzene	103	(81 - 115)			SW846 8260A
	105	(81 - 115)	1.9	(0-18)	SW846 8260A
Toluene	98	(78 - 126)			SW846 8260A
	106	(78 - 126)	8.0	(0-24)	SW846 8260A
Benzene	123 a	(78 - 117)			SW846 8260A
	128 a	(78 - 117)	3.7	(0-17)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	127 *	(61 - 115)
	122 *	(61 - 115)
Toluene-d8	94	(82 - 129)
	96	(82 - 129)
Bromofluorobenzene	79	(64 - 112)
	79	(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.

* Surrogate recovery is outside stated control limits.

CHRYSLER CORPORATION

Chain-of-Custody

00081 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, OHIO Site Code: SC001 RFA Number: YGQP9700228-T Chrysler PM: GARY STANCZUK	Consultant: LEGGETTE, BRASHEARS & GRAHAM Address: 1210 WEST COUNTY RD. E, STE 70 ST. PAUL, MN 55112 Consultant PM: KEN VOGEL Phone: 612-490-1405 Fax: 612-490-1006

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)

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOC 8260 4OZ GLASS/NONE	VOC 8260 40ML GLASS/HCL								Volatiles pH <2	Metals pH < 2	Cyanide pH > 12	Other ____	Remarks
MW7S 20-22'	11/11/97	10:45	G	S	1	X													
MW7S 30-32'	11/11/97	12:00	G	S	1	X													
PZ7I 55-57'	11/12/97	9:15	G	S	1	X													
MW20S 20-22'	11/12/97	14:15	G	S	1	X													
PZ20I 60-62'	11/13/97	11:50	G	S	1	X													
PZ20I 86-87'	11/13/97	14:40	G	S	1	X													
PZ19 20-22'	11/12/97	8:30	G	S	1	X													
MW20S-E	11/12/97	15:35	G	O	3		X												EQ. BLANK
PZ-21 40-42'	11/13/97	14:47	G	GW	2		X												HYDROPUNCH

Sampler(s)
MARK HEMSTREET
DAVE STRAND

Cooler ID # D53

Is RFA sampling complete? Yes (No)

Bottles Relinquished under Airbill No. 1658 6268 2534 2564 4521 5555 6551

Samples Relinquished under Airbill No. 8024954711

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[signature]	11/13/97	17:30				(Yes) No
						Yes No
			Received for Laboratory by: [signature]	11/14/97	12:20P	(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

SDG-228A IS COMPLETE. PROCEED WITH ANALYSIS.

Revision No. 1

Quanterra Incorporated
4101 Shuffel Drive, NW
North Canton, Ohio 44720

330 497-9396 Telephone
330 497-0772 Fax

Quanterra
Environmental Services

ENTERED IN DATABASE
BY/DATE DVS 12/15/97
CHECKED BY KRB
DATE 1/6/98

EPA Region 5 Records Ctr.
349853

ANALYTICAL REPORT

PROJECT NO. SC001 RFA #YGQP9700228-T

DAYTON THERMAL

Lot #: A7K200127

Cathy Dover

Compuchem Environmental

QUANTERRA INCORPORATED

Jeffrey Smith / R. Stout
Jeffrey C. Smith
Project Manager

December 8, 1997

CASE NARRATIVE

The following report contains the analytical results for eleven solid and three water samples submitted to Quanterra-North Canton by Compuchem Environmental from the Dayton Thermal Site, project number SC001 RFA #YGQP9700228-T. The samples were received November 19, 1997, according to documented sample acceptance procedures.

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 December 4, 1997.

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.

One 40ml Volatile vial for sample Trip Blank was received with headspace.

GC/MS VOLATILES

Sample PZ-21 60-62 was analyzed outside the recommended holding time due to a laboratory error.

Internal standard areas were outside acceptance limits for sample PZ-12D 85-87 due to matrix effects. Surrogate recovery was also outside acceptance limits in this sample. Reextraction and/or reanalysis achieved similar results; therefore, the original data has been reported.

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.

ANALYTICAL METHODS SUMMARY

A7K200127

PARAMETER	ANALYTICAL METHOD
Total Residue as Percent Solids	MCAWW 160.3 MOD
Volatile Organics by GC/MS	SW846 8260A

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A7K200127

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
CE4P0	001	PZ-21 60-62	11/13/97	16:58
CE4P8	002	MW-18S 25-27	11/14/97	15:05
CE4PF	003	PZ-13D 30-32	11/15/97	08:23
CE4PH	004	PZ13D-E	11/15/97	10:35
CE4PL	005	PZ-16D 20-22	11/15/97	12:15
CE4PN	006	PZ-16D 20-22 DUP	11/15/97	12:15
CE4PP	007	PZ-16D 40-42	11/15/97	13:00
CE4PQ	008	PZ-8D 35-37	11/17/97	10:02
CE4PX	009	PZ12D-E	11/18/97	09:00
CE4Q9	010	PZ-12D 20-22	11/18/97	09:10
CE4QC	011	PZ-12D 40-42	11/18/97	09:50
CE4QD	012	PZ-12D 55-57	11/18/97	10:55
CE4QF	013	PZ-12D 85-87	11/18/97	14:00
CE4QG	014	T-111897	11/18/97	00:00

Missing PZ 12D 20-22 MS/MSD
Included in back of date + time sampled

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: PZ-21 60-62

GC/MS Volatiles

Lot-Sample #...: A7K200127-001 **Work Order #...:** CE4P0102 **Matrix.....:** SOLID
Date Sampled...: 11/13/97 16:58 **Date Received..:** 11/19/97
Prep Date.....: 12/02/97 **Analysis Date..:** 12/02/97
Prep Batch #...: 7337225
Dilution Factor: 1
% Moisture.....: 8.2

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
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(61 - 115)
Toluene-d8	91	(82 - 129)
Bromofluorobenzene	83	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-21 60-62

GC/MS Volatiles

Lot-Sample #...: A7K200127-001 **Work Order #...:** CE4P0102 **Matrix.....:** SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: MW-18S 25-27

GC/MS Volatiles

Lot-Sample #...: A7K200127-002 **Work Order #...:** CE4P8102 **Matrix.....:** SOLID
Date Sampled...: 11/14/97 15:05 **Date Received..:** 11/19/97
Prep Date.....: 11/24/97 **Analysis Date..:** 11/26/97
Prep Batch #...: 7328274
Dilution Factor: 1
% Moisture.....: 12

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	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
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(61 - 115)
Toluene-d8	92	(82 - 129)
Bromofluorobenzene	97	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: MW-18S 25-27

GC/MS Volatiles

Lot-Sample #...: A7K200127-002 Work Order #...: CE4P8102 Matrix.....: SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Sample renamed by LBG to PZ-13I 30-32' on 12/12/97

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-13D 30-32

GC/MS Volatiles

Lot-Sample #...: A7K200127-003 **Work Order #...:** CE4PF102
Date Sampled...: 11/15/97 08:23 **Date Received..:** 11/19/97
Prep Date.....: 11/29/97 **Analysis Date..:** 11/29/97
Prep Batch #...: 7336234
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
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
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	77	(61 - 115)
Toluene-d8	89	(82 - 129)
Bromofluorobenzene	71	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-13D 30-32

GC/MS Volatiles

Lot-Sample #...: A7K200127-003 **Work Order #...:** CE4PF102 **Matrix.....:** SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ13D-E

This Sample renamed PZ#13I-E on 12/17/97

GC/MS Volatiles

ER

Lot-Sample #...: A7K200127-004 **Work Order #...:** CE4PH101
Date Sampled...: 11/15/97 10:35 **Date Received..:** 11/19/97
Prep Date.....: 11/25/97 **Analysis Date..:** 11/25/97
Prep Batch #...: 7330143
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
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(69 - 127)
Toluene-d8	97	(90 - 112)
Bromofluorobenzene	103	(87 - 114)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-16D 20-22

GC/MS Volatiles

Lot-Sample #...: A7K200127-005 **Work Order #...:** CE4PL102 **Matrix.....:** SOLID
Date Sampled...: 11/15/97 12:15 **Date Received..:** 11/19/97
Prep Date.....: 11/24/97 **Analysis Date..:** 11/28/97
Prep Batch #...: 7328274
Dilution Factor: 2.5
% Moisture.....: 8.8

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	3400	ug/kg	SW846 8260A
Bromomethane	ND	3400	ug/kg	SW846 8260A
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	91	(61 - 115)
Toluene-d8	88	(82 - 129)
Bromofluorobenzene	94	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-16D 20-22

GC/MS Volatiles

Lot-Sample #...: A7K200127-005 **Work Order #...:** CE4PL102 **Matrix.....:** SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-16D 20-22 DUP

GC/MS Volatiles

Lot-Sample #...: A7K200127-006 **Work Order #...:** CE4PN102 **Matrix.....:** SOLID
Date Sampled...: 11/15/97 12:15 **Date Received..:** 11/19/97
Prep Date.....: 11/24/97 **Analysis Date..:** 11/28/97
Prep Batch #...: 7328274
Dilution Factor: 1
% Moisture.....: 7.0

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
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
Tetrachloroethene	**28000**	**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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(61 - 115)
Toluene-d8	93	(82 - 129)
Bromofluorobenzene	100	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-16D 20-22 DUP

GC/MS Volatiles

Lot-Sample #...: A7K200127-006 **Work Order #...:** CE4PN102 **Matrix.....:** SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-16D 40-42

GC/MS Volatiles

Lot-Sample #...: A7K200127-007 **Work Order #...:** CE4PP102 **Matrix.....:** SOLID
Date Sampled...: 11/15/97 13:00 **Date Received..:** 11/19/97
Prep Date.....: 11/24/97 **Analysis Date..:** 11/28/97
Prep Batch #...: 7328274
Dilution Factor: 1
% Moisture.....: 13

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	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
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	88	(61 - 115)
Toluene-d8	95	(82 - 129)
Bromofluorobenzene	102	(64 - 112)

(Continued on next page)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-16D 40-42

GC/MS Volatiles

Lot-Sample #...: A7K200127-007 Work Order #...: CE4PP102 Matrix.....: SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-8D 35-37

GC/MS Volatiles

Lot-Sample #...: A7K200127-008 **Work Order #...:** CE4PQ102 **Matrix.....:** SOLID
Date Sampled...: 11/17/97 10:02 **Date Received..:** 11/19/97
Prep Date.....: 11/24/97 **Analysis Date..:** 11/28/97
Prep Batch #...: 7328274
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
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	85	(61 - 115)
Toluene-d8	90	(82 - 129)
Bromofluorobenzene	95	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-8D 35-37

GC/MS Volatiles

Lot-Sample #...: A7K200127-008 **Work Order #...:** CE4PQ102 **Matrix.....:** SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ12D-E

GC/MS Volatiles

Lot-Sample #...: A7K200127-009 **Work Order #...:** CE4PX101 **Matrix.....:** WATER
Date Sampled...: 11/18/97 09:00 **Date Received..:** 11/19/97
Prep Date.....: 11/25/97 **Analysis Date..:** 11/25/97
Prep Batch #...: 7330143
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
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(69 - 127)
Toluene-d8	100	(90 - 112)
Bromofluorobenzene	101	(87 - 114)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-12D 20-22

GC/MS Volatiles

Lot-Sample #...: A7K200127-010 **Work Order #...:** CE4Q9102 **Matrix.....:** SOLID
Date Sampled...: 11/18/97 09:10 **Date Received..:** 11/19/97
Prep Date.....: 11/29/97 **Analysis Date..:** 11/29/97
Prep Batch #...: 7336234
Dilution Factor: 1
% Moisture.....: 3.1

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	5.2	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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	83	(61 - 115)
Toluene-d8	91	(82 - 129)
Bromofluorobenzene	78	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-12D 20-22

GC/MS Volatiles

Lot-Sample #...: A7K200127-010 **Work Order #...:** CE4Q9102 **Matrix.....:** SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-12D 40-42

GC/MS Volatiles

Lot-Sample #...: A7K200127-011 **Work Order #...:** CE4QC102 **Matrix.....:** SOLID
Date Sampled...: 11/18/97 09:50 **Date Received..:** 11/19/97
Prep Date.....: 11/29/97 **Analysis Date..:** 11/29/97
Prep Batch #...: 7336234
Dilution Factor: 1
% Moisture.....: 10

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	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
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	81	(61 - 115)
Toluene-d8	89	(82 - 129)
Bromofluorobenzene	74	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-12D 40-42

GC/MS Volatiles

Lot-Sample #...: A7K200127-011 **Work Order #...:** CE4QC102 **Matrix.....:** SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-12D 55-57

GC/MS Volatiles

Lot-Sample #...: A7K200127-012 **Work Order #...:** CE4QD102 **Matrix.....:** SOLID
Date Sampled...: 11/18/97 10:55 **Date Received..:** 11/19/97
Prep Date.....: 11/29/97 **Analysis Date..:** 11/29/97
Prep Batch #...: 7336234
Dilution Factor: 1
% Moisture.....: 9.8

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	5.5	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	**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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(61 - 115)
Toluene-d8	87	(82 - 129)
Bromofluorobenzene	69	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-12D 55-57

GC/MS Volatiles

Lot-Sample #...: A7K200127-012 **Work Order #...:** CE4QD102 **Matrix.....:** SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-12D 85-87

GC/MS Volatiles

Lot-Sample #...: A7K200127-013 **Work Order #...:** CE4QF102 **Matrix.....:** SOLID
Date Sampled...: 11/18/97 14:00 **Date Received..:** 11/19/97
Prep Date.....: 11/29/97 **Analysis Date..:** 11/29/97
Prep Batch #...: 7336234
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
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	90	(61 - 115)
Toluene-d8	84	(82 - 129)
Bromofluorobenzene	60 *	(64 - 112)

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COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-12D 85-87

GC/MS Volatiles

Lot-Sample #...: A7K200127-013 **Work Order #...:** CE4QF102 **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: T-111897

GC/MS Volatiles

Lot-Sample #...: A7K200127-014 **Work Order #...:** CE4QG101 **Matrix.....:** WATER
Date Sampled...: 11/18/97 00:00 **Date Received..:** 11/19/97
Prep Date.....: 11/25/97 **Analysis Date..:** 11/25/97
Prep Batch #...: 7330143
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
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(69 - 127)
Toluene-d8	98	(90 - 112)
Bromofluorobenzene	101	(87 - 114)

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 #...: A7K200127 **Work Order #...:** CE7TD102 **Matrix.....:** SOLID
LCS Lot-Sample#: A7K240000-274
Prep Date.....: 11/24/97 **Analysis Date..:** 11/26/97
Prep Batch #...: 7328274
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	106	(60 - 119)	SW846 8260A
Trichloroethene	101	(74 - 115)	SW846 8260A
Chlorobenzene	107	(85 - 116)	SW846 8260A
Toluene	112	(87 - 118)	SW846 8260A
Benzene	105	(83 - 118)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	105	(61 - 115)
Toluene-d8	101	(82 - 129)
Bromofluorobenzene	104	(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 #...: A7K200127 **Work Order #...:** CEAXT102 **Matrix.....:** SOLID
LCS Lot-Sample#: A7L020000-234
Prep Date.....: 11/29/97 **Analysis Date..:** 11/29/97
Prep Batch #...: 7336234
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	110	(60 - 119)	SW846 8260A
Trichloroethene	104	(74 - 115)	SW846 8260A
Chlorobenzene	108	(85 - 116)	SW846 8260A
Toluene	102	(87 - 118)	SW846 8260A
Benzene	105	(83 - 118)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	75	(61 - 115)
Toluene-d8	92	(82 - 129)
Bromofluorobenzene	83	(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 #...: A7K200127 **Work Order #...:** CECGL102 **Matrix.....:** SOLID
LCS Lot-Sample#: A7L030000-225
Prep Date.....: 12/02/97 **Analysis Date..:** 12/02/97
Prep Batch #...: 7337225
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	93	(60 - 119)	SW846 8260A
Trichloroethene	101	(74 - 115)	SW846 8260A
Chlorobenzene	104	(85 - 116)	SW846 8260A
Toluene	98	(87 - 118)	SW846 8260A
Benzene	102	(83 - 118)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	83	(61 - 115)
Toluene-d8	93	(82 - 129)
Bromofluorobenzene	85	(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 #...: A7K200127 **Work Order #...:** CE8VF102 **Matrix.....:** WATER
LCS Lot-Sample#: A7K260000-143
Prep Date.....: 11/25/97 **Analysis Date..:** 11/25/97
Prep Batch #...: 7330143
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	107	(87 - 113)	SW846 8260A
Trichloroethene	101	(89 - 115)	SW846 8260A
Chlorobenzene	102	(89 - 119)	SW846 8260A
Toluene	103	(81 - 117)	SW846 8260A
Benzene	106	(77 - 126)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	88	(69 - 127)
Toluene-d8	100	(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 #...: A7K200127 **Work Order #...:** CE7TD101 **Matrix.....:** SOLID
MB Lot-Sample #: A7K240000-274

Prep Date.....: 11/24/97
Analysis Date..: 11/26/97 **Prep Batch #...:** 7328274
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
1,2-Dichloroethene (total)	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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(61 - 115)
Toluene-d8	95	(82 - 129)
Bromofluorobenzene	97	(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 #...: A7K200127 **Work Order #...:** CEAXT101 **Matrix.....:** SOLID
MB Lot-Sample #: A7L020000-234

Prep Date.....: 11/29/97
Analysis Date..: 11/29/97 **Prep Batch #...:** 7336234
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
1,2-Dichloroethene (total)	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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	74	(61 - 115)
Toluene-d8	91	(82 - 129)
Bromofluorobenzene	82	(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 #...: A7K200127 **Work Order #...:** CECGL101 **Matrix.....:** SOLID
MB Lot-Sample #: A7L030000-225

Prep Date.....: 12/02/97
Analysis Date..: 12/02/97 **Prep Batch #...:** 7337225
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
1,2-Dichloroethene (total)	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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	85	(61 - 115)
Toluene-d8	93	(82 - 129)
Bromofluorobenzene	83	(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 #...: A7K200127 **Work Order #...:** CE8VF101 **Matrix.....:** WATER
MB Lot-Sample #: A7K260000-143

Prep Date.....: 11/25/97
Analysis Date..: 11/25/97 **Prep Batch #...:** 7330143
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
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(69 - 127)
Toluene-d8	98	(90 - 112)
Bromofluorobenzene	103	(87 - 114)

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

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Client Lot #...: A7K200127 **Work Order #...:** CE4PP103-MS **Matri**
MS Lot-Sample #: A7K200127-007 CE4PP104-MSD
Date Sampled...: 11/15/97 13:00 **Date Received..:** 11/19/97
Prep Date.....: 11/24/97 **Analysis Date..:** 11/28/97
Prep Batch #...: 7328274
Dilution Factor: 1 **% Moisture.....:** 13

PZ-16D

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	92	(75 - 113)			SW846 8260A
	98	(75 - 113)	6.5	(0-20)	SW846 8260A
Trichloroethene	94	(71 - 110)			SW846 8260A
	88	(71 - 110)	5.5	(0-22)	SW846 8260A
Benzene	104	(78 - 117)			SW846 8260A
	100	(78 - 117)	3.3	(0-17)	SW846 8260A
Toluene	111	(78 - 126)			SW846 8260A
	107	(78 - 126)	3.7	(0-24)	SW846 8260A
Chlorobenzene	107	(81 - 115)			SW846 8260A
	101	(81 - 115)	6.5	(0-18)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(61 - 115)
	92	(61 - 115)
Toluene-d8	94	(82 - 129)
	88	(82 - 129)
Bromofluorobenzene	100	(64 - 112)
	94	(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.

MATRIX SPIKE SAMPLE EVALUATION REPOR

GC/MS Volatiles

12D 20-22

Client Lot #...: A7K200127 **Work Order #...:** CE4Q9103-MS D
MS Lot-Sample #: A7K200127-010 CE4Q9104-MSD
Date Sampled...: 11/18/97 09:10 **Date Received..:** 11/19/97
Prep Date.....: 11/29/97 **Analysis Date..:** 11/29/97
Prep Batch #...: 7336234
Dilution Factor: 1 **% Moisture.....:** 3.1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	97	(75 - 113)			SW846 8260A
	98	(75 - 113)	1.3	(0-20)	SW846 8260A
Trichloroethene	92	(71 - 110)			SW846 8260A
	95	(71 - 110)	2.4	(0-22)	SW846 8260A
Benzene	105	(78 - 117)			SW846 8260A
	109	(78 - 117)	3.3	(0-17)	SW846 8260A
Toluene	98	(78 - 126)			SW846 8260A
	99	(78 - 126)	0.65	(0-24)	SW846 8260A
Chlorobenzene	102	(81 - 115)			SW846 8260A
	103	(81 - 115)	0.55	(0-18)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	82	(61 - 115)
	84	(61 - 115)
Toluene-d8	93	(82 - 129)
	93	(82 - 129)
Bromofluorobenzene	80	(64 - 112)
	80	(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.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7K200127 **Work Order #...:** CE56R103-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7K210101-005 CE56R104-MSD
Date Sampled...: 11/19/97 10:00 **Date Received..:** 11/20/97
Prep Date.....: 12/02/97 **Analysis Date..:** 12/02/97
Prep Batch #...: 7337225
Dilution Factor: 1 **% Moisture.....:** 22

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	93	(75 - 113)			SW846 8260A
	91	(75 - 113)	1.6	(0-20)	SW846 8260A
Trichloroethene	102	(71 - 110)			SW846 8260A
	106	(71 - 110)	3.7	(0-22)	SW846 8260A
Chlorobenzene	107	(81 - 115)			SW846 8260A
	103	(81 - 115)	3.5	(0-18)	SW846 8260A
Toluene	98	(78 - 126)			SW846 8260A
	98	(78 - 126)	0.09	(0-24)	SW846 8260A
Benzene	113	(78 - 117)			SW846 8260A
	110	(78 - 117)	2.4	(0-17)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(61 - 115)
	104	(61 - 115)
Toluene-d8	92	(82 - 129)
	93	(82 - 129)
Bromofluorobenzene	81	(64 - 112)
	82	(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.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7K200127 **Work Order #...:** CE4XR102-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K200152-004 CE4XR103-MSD
Date Sampled...: 11/18/97 00:00 **Date Received..:** 11/20/97
Prep Date.....: 11/25/97 **Analysis Date..:** 11/25/97
Prep Batch #...: 7330143
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	105	(75 - 113)			SW846 8260A
	110	(75 - 113)	4.5	(0-20)	SW846 8260A
Trichloroethene	100	(71 - 110)			SW846 8260A
	106	(71 - 110)	6.1	(0-22)	SW846 8260A
Chlorobenzene	102	(81 - 115)			SW846 8260A
	104	(81 - 115)	2.6	(0-18)	SW846 8260A
Toluene	103	(78 - 126)			SW846 8260A
	101	(78 - 126)	1.9	(0-24)	SW846 8260A
Benzene	99	(78 - 117)			SW846 8260A
	110	(78 - 117)	7.7	(0-17)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	85	(69 - 127)
	90	(69 - 127)
Toluene-d8	100	(90 - 112)
	96	(90 - 112)
Bromofluorobenzene	101	(87 - 114)
	103	(87 - 114)

NOTE(S):

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

CHRYSLER CORPORATION

Chain-of-Custody

00082 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, OHIO Site Code: SC001 RFA Number: YGQP9700228-T Chrysler PM: GARY STANCZUK	Consultant: LEGGETTE, BRASHEARS & GRAHAM Address: 1210 WEST COUNTY RD. E, STE 700 ST. PAUL, MN 55112 Consultant PM: KEN VOGEL Phone: 612-490-1405 Fax: 612-490-1006

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) PURGE WATER

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOC8260 40Z GLASS/NONE	VOC8260 40ml GLASS/HCL								Volatiles pH <2	Metals pH < 2	Cyanide pH > 12	Other ____	Remarks
PZ-21 60-62	11/13/97	16:58	G	S	1	X													
MW-18S 25-27	11/14/97	15:05	G	S	1	X													
PZ-13D 30-32	11/15/97	08:23	G	S	1	X													
PZ13D-E	11/15/97	10:35		O	3		X												EQUIPMENT BLANK
PZ-16D 20-22	11/15/97	12:15	G	S	1	X													HIGH PID READING - 169 ppm
PZ-16D 20-22 DUP	11/15/97	12:15	G	S	1	X													
PZ-16D 40-42	11/15/97	13:00	G	S	1	X													HIGH PID - 177 ppm
PZ-8D 35-37	11/17/97	10:02	G	S	1	X													HIGH PID - 236 ppm
PZ12D-E	11/18/97	09:00		O	3		X												EQUIPMENT BLANK

Sampler(s)
David Strand
Mark Hemstreet

Cooler ID # F02

Is RFA sampling complete?
Yes (No)

Bottles Relinquished under Airbill No. 6586268-555			Samples Relinquished under Airbill No. 8737873863			Temperature (corrected) ___ C
Relinquished by: Mark P. Hemstreet	Date: 11/18/97	Time: 18:00	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Relinquished by:	Date:	Time:	Received for Laboratory by: Denny Burns	Date: 11/19/97	Time: 2:30 PM	Custody Seal Intact? 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

SDG 228B IS COMPLETE, PROCEED WITH ANALYSIS.

Revision No. 1
Created: September 23, 1997

CHRYSLER CORPORATION

Chain-of-Custody

00083 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number: 1-800-833-5097 Fax Number: (919) 379-4050	Project Name: Dayton Thermal Products Plant Site Location: Dayton Ohio Site Code: SC001 RFA Number: YGQP9700228-T Chrysler PM: Gary Stanczuk	Consultant: Leggette, Brashears & Graham, Inc Address: 1210 West County Road E St. Paul, MN 55112 Consultant PM: Ken Vogel Phone: 612 490-1405 Fax: 612 490-1006

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)

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOCs 8260 4OZ Glass/None	VOCs 8260 40ml glass/HCl	Volatiles pH <2	Metals pH < 2	Cyanide pH > 12	Other ____	Remarks
PZ-12D 20-22	11/18/97	09:10	G	S	1	X						
PZ-12D 20-22 MS/MSD	11/18/97	09:10	G	S	1	X						
PZ-12D 40-42	11/18/97	09:50	G	S	1	X						HIGH PID - 138ppm
PZ-12D 55-57	11/18/97	10:55	G	S	1	X						
PZ-12D 85-87	11/18/97	14:00	G	S	1	X						
~~[illegible]~~							X					
T-111897												TRIP BLANK

Sampler(s)
DAVID STRAND
MARK HEMSTREET

Cooler ID # F02

Is RFA sampling complete? Yes (No)

Bottles Relinquished under Airbill No. 6586268 555

Samples Relinquished under Airbill No. 8737873863

Temperature (corrected) ____ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
Mark P. Hemstreet	11/18/97	18:00				Yes No
						Yes No
			Received for Laboratory by: Terry Burns	11/19/97	2:30 PM	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

SDG 228B IS COMPLETE. PROCEED WITH ANALYSIS.

Quanterra Incorporated
4101 Shuffel Drive, NW
North Canton, Ohio 44720

330 497-9396 Telephone
330 497-0772 Fax

Quanterra
Environmental Services

ENTERED IN DATABASE
DVS 12/17/97
KRB
DATE 1/16/98

EPA Region 5 Records Ctr.
349854

ANALYTICAL REPORT

PROJECT NO. YGQP9700228-T

DAYTON THERMAL

Lot #: A7K250157

Cathy Dover

Compuchem Environmental

QUANTERRA INCORPORATED

Jeffrey Smith / R. Hurst
Jeffrey C. Smith
Project Manager

December 15, 1997

CASE NARRATIVE

The following report contains the analytical results for seven solid and three water samples submitted to Quanterra-North Canton by Compuchem Environmental from the Dayton Thermal Site, project number YGQP9700228-T. The samples were received November 25, 1997, according to documented sample acceptance procedures.

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 December 12, 1997.

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 2.3° C.

One 40ml Volatile vial for sample T-112497 was received with headspace.

GC/MS VOLATILES

Sample PZ-15I 30-32' exhibited surrogate recovery outside quality control acceptance criteria. Upon reextraction and/or reanalysis, the recovery met acceptance criteria; however, the recommended sample holding time had expired. Both sets of data have been provided.

Surrogate recovery is outside acceptance limits in sample PZ-22I 40-42'. Reextraction and/or reanalysis achieved similar results; therefore, the original data has been reported.

Methylene chloride was detected in the method blank associated with batch 7339218. This is a common laboratory contaminant with concentrations less than five times the requested reporting limit. All affected sample results have been qualified with "B".

The matrix spike/matrix spike duplicate associated with batch 7344207 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.

ANALYTICAL METHODS SUMMARY

A7K250157

PARAMETER	ANALYTICAL METHOD
Total Residue as Percent Solids	MCAWW 160.3 MOD
Volatile Organics by GC/MS	SW846 8260A

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A7K250157

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
CE8MJ	001	PZ-22I 40-42'	11/21/97	08:15
CE8MM	002	PZ15I-E	11/22/97	08:05
CE8MN	003	PZ-15I 30-32'	11/22/97	08:25
CE8MQ	004	PZ-15I 30-32' DUP	11/22/97	08:25
CE8MR	005	MW11S-E	11/24/97	10:45
CE8MT	006	MW-11S 28-30'	11/24/97	11:19
CE8MV	007	PZ-10I 30-32' (MS/MSD)	11/24/97	13:00
CE8N0	008	PZ-10I 50-52'	11/24/97	13:50
CE8N2	009	PZ-10I 50-52' DUP	11/24/97	13:50
CE8N3	010	T-112497	11/24/97	00:00

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: 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

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
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

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

(Continued on next page)

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
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

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
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

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

(Continued on next page)

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

Do not use result.
Outside recovery %
See next pages

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

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

(Continued on next page)

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

Use this data
More accurate since w/in the percent recovery but outside holding time

Lot-Sample #...: A7K250157-004 **Work Order #...:** CE8MQ202
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
1,2-Dichloroethene (total)	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

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

(Continued on next page)

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
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

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
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

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

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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
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
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

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
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
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

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

(Continued on next page)

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
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

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.

QUALITY CONTROL SECTION

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
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

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

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 #...: A7K250157 **Work Order #...:** CED09102 **Matrix.....:** SOLID
LCS Lot-Sample#: A7L040000-202
Prep Date.....: 12/04/97 **Analysis Date..:** 12/08/97
Prep Batch #...: 7338202
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	113	(60 - 119)	SW846 8260A
Trichloroethene	103	(74 - 115)	SW846 8260A
Chlorobenzene	104	(85 - 116)	SW846 8260A
Toluene	110	(87 - 118)	SW846 8260A
Benzene	106	(83 - 118)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(61 - 115)
Toluene-d8	92	(82 - 129)
Bromofluorobenzene	96	(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 #...: A7K250157 **Work Order #...:** CEDNR102 **Matrix.....:** WATER
LCS Lot-Sample#: A7L050000-194
Prep Date.....: 12/04/97 **Analysis Date..:** 12/04/97
Prep Batch #...: 7339194
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	113	(87 - 113)	SW846 8260A
Trichloroethene	107	(89 - 115)	SW846 8260A
Chlorobenzene	108	(89 - 119)	SW846 8260A
Toluene	104	(81 - 117)	SW846 8260A
Benzene	107	(77 - 126)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	108	(69 - 127)
Toluene-d8	99	(90 - 112)
Bromofluorobenzene	104	(87 - 114)

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 #...: A7K250157 **Work Order #...:** CEDX3102 **Matrix.....:** WATER
LCS Lot-Sample#: A7L050000-218
Prep Date.....: 12/04/97 **Analysis Date..:** 12/04/97
Prep Batch #...: 7339218
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	109	(87 - 113)	SW846 8260A
Trichloroethene	97	(89 - 115)	SW846 8260A
Chlorobenzene	106	(89 - 119)	SW846 8260A
Toluene	107	(81 - 117)	SW846 8260A
Benzene	103	(77 - 126)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(69 - 127)
Toluene-d8	102	(90 - 112)
Bromofluorobenzene	111	(87 - 114)

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 #...: A7K250157 **Work Order #...:** CEEEW102 **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-105
Prep Date.....: 12/06/97 **Analysis Date..:** 12/06/97
Prep Batch #...: 7341105
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	114	(60 - 119)	SW846 8260A
Trichloroethene	107	(74 - 115)	SW846 8260A
Chlorobenzene	114	(85 - 116)	SW846 8260A
Toluene	106	(87 - 118)	SW846 8260A
Benzene	111	(83 - 118)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(61 - 115)
Toluene-d8	96	(82 - 129)
Bromofluorobenzene	91	(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 #...: A7K250157 **Work Order #...:** CEEWL102 **Matrix.....:** SOLID
LCS Lot-Sample#: A7L080000-241
Prep Date.....: 12/05/97 **Analysis Date..:** 12/05/97
Prep Batch #...: 7342241
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	101	(60 - 119)	SW846 8260A
Trichloroethene	98	(74 - 115)	SW846 8260A
Chlorobenzene	104	(85 - 116)	SW846 8260A
Toluene	97	(87 - 118)	SW846 8260A
Benzene	103	(83 - 118)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	113	(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.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7K250157 **Work Order #...:** CEFRR102 **Matrix.....:** SOLID
LCS Lot-Sample#: A7L100000-207
Prep Date.....: 12/07/97 **Analysis Date..:** 12/07/97
Prep Batch #...: 7344207
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	108	(60 - 119)	SW846 8260A
Trichloroethene	101	(74 - 115)	SW846 8260A
Chlorobenzene	109	(85 - 116)	SW846 8260A
Toluene	101	(87 - 118)	SW846 8260A
Benzene	105	(83 - 118)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	108	(61 - 115)
Toluene-d8	95	(82 - 129)
Bromofluorobenzene	97	(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 #...:** 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
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

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
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

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
1,2-Dichloroethene (total)	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

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
1,2-Dichloroethene (total)	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

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
1,2-Dichloroethene (total)	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

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
1,2-Dichloroethene (total)	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

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.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7K250157 **Work Order #...:** CE7M7102-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K240129-020 CE7M7103-MSD
Date Sampled...: 11/20/97 19:00 **Date Received..:** 11/24/97
Prep Date.....: 12/04/97 **Analysis Date..:** 12/04/97
Prep Batch #...: 7339218
Dilution Factor: 2.5

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	107	(75 - 113)			SW846 8260A
	106	(75 - 113)	0.87	(0-20)	SW846 8260A
Trichloroethene	170 a	(71 - 110)			SW846 8260A
	133 a	(71 - 110)	7.9	(0-22)	SW846 8260A
Chlorobenzene	104	(81 - 115)			SW846 8260A
	106	(81 - 115)	1.3	(0-18)	SW846 8260A
Toluene	105	(78 - 126)			SW846 8260A
	108	(78 - 126)	2.6	(0-24)	SW846 8260A
Benzene	106	(78 - 117)			SW846 8260A
	106	(78 - 117)	0.56	(0-17)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(69 - 127)
	96	(69 - 127)
Toluene-d8	97	(90 - 112)
	101	(90 - 112)
Bromofluorobenzene	113	(87 - 114)
	112	(87 - 114)

NOTE(S):

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

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7K250157 **Work Order #...:** CE73010W-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7K220136-007 CE73010X-MSD
Date Sampled...: 11/21/97 10:10 **Date Received..:** 11/22/97
Prep Date.....: 12/05/97 **Analysis Date..:** 12/05/97
Prep Batch #...: 7342241
Dilution Factor: 1 **% Moisture.....:** 12

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	93	(75 - 113)			SW846 8260A
	98	(75 - 113)	5.4	(0-20)	SW846 8260A
Trichloroethene	89	(71 - 110)			SW846 8260A
	92	(71 - 110)	3.3	(0-22)	SW846 8260A
Chlorobenzene	101	(81 - 115)			SW846 8260A
	106	(81 - 115)	4.3	(0-18)	SW846 8260A
Toluene	89	(78 - 126)			SW846 8260A
	91	(78 - 126)	2.6	(0-24)	SW846 8260A
Benzene	110	(78 - 117)			SW846 8260A
	114	(78 - 117)	4.0	(0-17)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	114	(61 - 115)
	116 *	(61 - 115)
Toluene-d8	88	(82 - 129)
	87	(82 - 129)
Bromofluorobenzene	83	(64 - 112)
	82	(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.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7K250157 **Work Order #...:** CE8MN103-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7K250157-003 CE8MN104-MSD
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	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	106	(75 - 113)			SW846 8260A
	103	(75 - 113)	2.5	(0-20)	SW846 8260A
Trichloroethene	99	(71 - 110)			SW846 8260A
	99	(71 - 110)	0.49	(0-22)	SW846 8260A
Benzene	110	(78 - 117)			SW846 8260A
	108	(78 - 117)	2.7	(0-17)	SW846 8260A
Toluene	98	(78 - 126)			SW846 8260A
	97	(78 - 126)	0.56	(0-24)	SW846 8260A
Chlorobenzene	108	(81 - 115)			SW846 8260A
	107	(81 - 115)	1.0	(0-18)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	114	(61 - 115)
	114	(61 - 115)
Toluene-d8	93	(82 - 129)
	93	(82 - 129)
Bromofluorobenzene	88	(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.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7K250157 **Work Order #...:** CE8MV103-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7K250157-007 CE8MV104-MSD
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	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	105	(75 - 113)			SW846 8260A
	101	(75 - 113)	3.5	(0-20)	SW846 8260A
Trichloroethene	178 a	(71 - 110)			SW846 8260A
	234 a	(71 - 110)	12	(0-22)	SW846 8260A
Benzene	102	(78 - 117)			SW846 8260A
	98	(78 - 117)	3.2	(0-17)	SW846 8260A
Toluene	106	(78 - 126)			SW846 8260A
	104	(78 - 126)	1.8	(0-24)	SW846 8260A
Chlorobenzene	103	(81 - 115)			SW846 8260A
	99	(81 - 115)	4.1	(0-18)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	89	(61 - 115)
	87	(61 - 115)
Toluene-d8	89	(82 - 129)
	87	(82 - 129)
Bromofluorobenzene	91	(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

GC/MS Volatiles

Client Lot #...: A7K250157 **Work Order #...:** CE82Q102-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K250108-001 CE82Q103-MSD
Date Sampled...: 11/23/97 10:40 **Date Received..:** 11/25/97
Prep Date.....: 12/04/97 **Analysis Date..:** 12/04/97
Prep Batch #...: 7339194
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	99	(75 - 113)			SW846 8260A
	107	(75 - 113)	8.0	(0-20)	SW846 8260A
Trichloroethene	98	(71 - 110)			SW846 8260A
	107	(71 - 110)	7.9	(0-22)	SW846 8260A
Chlorobenzene	101	(81 - 115)			SW846 8260A
	110	(81 - 115)	6.2	(0-18)	SW846 8260A
Toluene	93	(78 - 126)			SW846 8260A
	101	(78 - 126)	7.9	(0-24)	SW846 8260A
Benzene	98	(78 - 117)			SW846 8260A
	107	(78 - 117)	8.4	(0-17)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	111	(69 - 127)
	111	(69 - 127)
Toluene-d8	97	(90 - 112)
	97	(90 - 112)
Bromofluorobenzene	100	(87 - 114)
	101	(87 - 114)

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 #...: A7K250157 **Work Order #...:** CE899103-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7K250124-002 CE899104-MSD
Date Sampled...: 11/24/97 09:18 **Date Received..:** 11/25/97
Prep Date.....: 12/07/97 **Analysis Date..:** 12/07/97
Prep Batch #...: 7344207
Dilution Factor: 1 **% Moisture.....:** 17

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	111	(75 - 113)			SW846 8260A
	113	(75 - 113)	1.5	(0-20)	SW846 8260A
Trichloroethene	103	(71 - 110)			SW846 8260A
	103	(71 - 110)	0.22	(0-22)	SW846 8260A
Chlorobenzene	106	(81 - 115)			SW846 8260A
	108	(81 - 115)	1.9	(0-18)	SW846 8260A
Toluene	100	(78 - 126)			SW846 8260A
	101	(78 - 126)	0.84	(0-24)	SW846 8260A
Benzene	107	(78 - 117)			SW846 8260A
	107	(78 - 117)	0.16	(0-17)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(61 - 115)
	105	(61 - 115)
Toluene-d8	96	(82 - 129)
	95	(82 - 129)
Bromofluorobenzene	93	(64 - 112)
	94	(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.

CHRYSLER CORPORATION

Chain-of-Custody

00085 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, OHIO
Site Code: SC001
RFA Number: YGQP9700228-T
Chrysler PM: GARY STANCZUK

Consultant: LEGGETTE, BRASHEARS & GRAHAM
Address: 1210 WEST COUNTY RD.E. STE 700 ST. PAUL, MN 55112
Consultant PM: KEN VOGEL
Phone: 612-490-1405 Fax: 612-490-1006

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) Purge Water

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOC 8260 4oz. Glass/None	VOC 8260 40ml Glass/HCl								Volatiles pH <2	Metals pH < 2	Cyanide pH > 12	Other ____	Remarks
PZ-22I 40-42'	11/21/97	08:15	G	S	1	X													
PZ15I-E	11/22/97	08:05	G	O	2		X												Equipment Blank
PZ-15I 30-32'	11/22/97	08:25	G	S	1	X													
PZ-15I 30-32' DUP	11/22/97	08:25	G	S	1	X													Duplicate
MW115-E	11/24/97	10:45	G	O	3		X												EQUIPMENT BLANK
MW-115 28-30'	11/24/97	11:19	G	S	1	X													
PZ-10I 30-32'	11/24/97	13:00	G	S	1	X													HIGH PID - 479 ppm
PZ-10I 30-32' MS/MSD	11/24/97	13:00	G	S	1	X													MS/MSD
PZ-10I 50-52'	11/24/97	13:50	G	S	1	X													HIGH PID - 568 ppm
PZ-10I 50-52' DUP	11/24/97	13:50	G	S	1	X													DUPLICATE

Sampler(s)
David Strand
MARK HEMSTREET

Cooler ID # 85

Is RFA sampling complete? Yes (No)

Bottles Relinquished under Airbill No. 6586268-555

Samples Relinquished under Airbill No. FEDEX 8737873852

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
Mark P. Hemstreet	11/24/97	17:00				Yes No
						Yes No
			Received for Laboratory by:	11/25/97	1320	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

SDG 228D IS COMPLETE. PROCEED WITH ANALYSIS.

Revision No. 1
Created: September 23, 1997

CHRYSLER CORPORATION

Chain-of-Custody

00087 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, OHIO
Site Code: SC001
RFA Number: YGQP9700228-T
Chrysler PM: GARY STANCZUK

Consultant: LEGGETTE, BRASHEARS & GRAHAM
Address: 1210 WEST COUNTY RD E. STE 700
ST. PAUL, MN 55112
Consultant PM: KEN VOGEL
Phone: 612-490-1405 Fax: 612-490-1006

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) _____

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOC 8260 40 ml GLASS / HCL								Volatiles pH <2	Metals pH < 2	Cyanide pH > 12	Other ____	Remarks
T-112497					2	X												TRIP BLANK

Lab Use Only

Sampler(s)
DAVID STRAND
MARK HEMSTREET

Cooler ID # 85

Is RFA sampling complete? Yes No

Bottles Relinquished under Airbill No. 6596268-555

Samples Relinquished under Airbill No. FEDEX 873787385 2

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
Mark P. Hemstreet	11/24/97	17:00				Yes No
						Yes No
			Received for Laboratory by:	11/25/97	1320	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

SDG 228D IS COMPLETE. PROCEED WITH ANALYSIS.

Revision No. 1
Created: September 23, 1997

LEGGETTE, BRASHEARS & GRAHAM, INC.

PROFESSIONAL GROUND-WATER
AND ENVIRONMENTAL ENGINEERING SERVICES

1210 WEST COUNTY ROAD E
SAINT PAUL, MN 55112

(612) 490-1405 FAX (612) 490-1006

FAXED DEC 18 1997

TO: **Jeffrey C. Smith**

FAX #: **(330) 497-0772**

COMPANY: **Quanterra Inc.**

PHONE #: (330) 497-9396

FROM: Dave Strand/Ken Vogel

DATE: December 18, 1997

PAGES: 1

RE: Dayton Thermal Products
Project No. YGQP9700228-T

We have received four final laboratory reports for the above-referenced site. Comparing the chain-of-custodies to the laboratory reports, the following concerns were noted:

Lot #: A7K140171
C-O-C 00081: Everything appears in order.

Lot #: A7K200127
C-O-C 00082: Everything appears in order.
C-O-C 00083: Missing data for "PZ-12D 20-22' MS/MSD."

listed in the back of the report by date & time sampled only

Lot #: A7K250157 (Report received in duplicate)
C-O-C 00085: Sample "PZ-15I 30-32' Dup" is listed twice in the report with different concentrations reported. Which is the correct analyses?
Missing data for "PZ-10I 30-32'"
C-O-C 00087: Everything appears in order.

One result was outside of the surrogate recovery %
The 2nd was past holding time but w/in " " " "
The 2nd result is more accurate. (Not biased high)

This is followed by "(MS/MSD)" in the report indicating a MS/MSD was run on the sample which is indicated in the back of the report by date and time sampled only.

Therefore, the sample listed PZ-10I 30-32 (MS/MS is actually PZ-10I 30-32'

No data yet received for the following:
C-O-C 00084
C-O-C 00088

fax MEMORANDUM

S:\TECH\3CHRY\DAYTON\FINALDOC\LABPROB.FAX

Quanterra Incorporated
4101 Shuffel Drive, NW
North Canton, Ohio 44720

330 497-9396 Telephone
330 497-0772 Fax

Quanterra
Environmental Services

EPA Region 5 Records Ctr.
349856

ENTERED IN DATABASE
BY/DATE DVS 12/29/97
CHECKED BY KRB
DATE 1/6/98

ANALYTICAL REPORT

PROJECT NO. YGQP9700228-T

DAYTON THERMAL

Lot #: A7L030153

Cathy Dover

Compuchem Environmental

QUANTERRA INCORPORATED

Jeffrey C. Smith
Project Manager

December 23, 1997

CASE NARRATIVE

The following report contains the analytical results for two solid and two water samples submitted to Quanterra-North Canton by Compuchem Environmental from the Dayton Thermal Site, project number YGQP9700228-T. The samples were received December 3, 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 December 15, 1997.

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 5.4° C.

One 40ml Volatile vial for sample TB120297 was received with headspace.

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.

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.

ANALYTICAL METHODS SUMMARY

A7L030153

PARAMETER	ANALYTICAL METHOD
Total Residue as Percent Solids	MCAWW 160.3 MOD
Volatile Organics by GC/MS	SW846 8260A

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A7L030153

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
CECKL	001	PZ-17D-E	12/02/97	09:10
CECKM	002	PZ-17D (20-22)	12/02/97	09:02
CECKN	003	PZ-17D (30-32)	12/02/97	09:40
CECKP	004	TB120297	12/02/97	00:00

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: PZ-17D-E

GC/MS Volatiles

Lot-Sample #...: A7L030153-001 **Work Order #...:** CECKL101 **Matrix.....:** WATER
Date Sampled...: 12/02/97 09:10 **Date Received..:** 12/03/97
Prep Date.....: 12/10/97 **Analysis Date..:** 12/10/97
Prep Batch #...: 7345161
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
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	114	(69 - 127)
Toluene-d8	105	(90 - 112)
Bromofluorobenzene	104	(87 - 114)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-17D (20-22)

GC/MS Volatiles

Lot-Sample #...: A7L030153-002 **Work Order #...:** CECKM102 **Matrix.....:** SOLID
Date Sampled...: 12/02/97 09:02 **Date Received..:** 12/03/97
Prep Date.....: 12/10/97 **Analysis Date..:** 12/10/97
Prep Batch #...: 7345223
Dilution Factor: 1
% Moisture.....: 3.7

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
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	**86**	**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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	105	(61 - 115)
Toluene-d8	95	(82 - 129)
Bromofluorobenzene	91	(64 - 112)

(Continued on next page)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-17D (20-22)

GC/MS Volatiles

Lot-Sample #...: A7L030153-002 **Work Order #...:** CECKM102 **Matrix.....:** SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-17D (30-32)

GC/MS Volatiles

Lot-Sample #...: A7L030153-003 **Work Order #...:** CECKN102 **Matrix.....:** SOLID
Date Sampled...: 12/02/97 09:40 **Date Received..:** 12/03/97
Prep Date.....: 12/11/97 **Analysis Date..:** 12/11/97
Prep Batch #...: 7345196
Dilution Factor: 1
% Moisture.....: 12

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	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
Tetrachloroethene	**12000**	**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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(61 - 115)
Toluene-d8	96	(82 - 129)
Bromofluorobenzene	97	(64 - 112)

(Continued on next page)

COMPUCHEM ENVIRONMENTAL

Client Sample ID: PZ-17D (30-32)

GC/MS Volatiles

Lot-Sample #...: A7L030153-003 **Work Order #...:** CECKN102 **Matrix.....:** SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

COMPUCHEM ENVIRONMENTAL

Client Sample ID: TB120297

GC/MS Volatiles

Lot-Sample #...: A7L030153-004 **Work Order #...:** CECKP101 **Matrix.....:** WATER
Date Sampled...: 12/02/97 00:00 **Date Received..:** 12/03/97
Prep Date.....: 12/10/97 **Analysis Date..:** 12/10/97
Prep Batch #...: 7345161
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
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	107	(69 - 127)
Toluene-d8	105	(90 - 112)
Bromofluorobenzene	106	(87 - 114)

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*

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 #...: A7L030153 **Work Order #...:** CEGC3102 **Matrix.....:** WATER
LCS Lot-Sample#: A7L110000-161
Prep Date.....: 12/10/97 **Analysis Date..:** 12/10/97
Prep Batch #...: 7345161
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	107	(87 - 113)	SW846 8260A
Trichloroethene	108	(89 - 115)	SW846 8260A
Chlorobenzene	107	(89 - 119)	SW846 8260A
Toluene	104	(81 - 117)	SW846 8260A
Benzene	107	(77 - 126)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	113	(69 - 127)
Toluene-d8	106	(90 - 112)
Bromofluorobenzene	105	(87 - 114)

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 #...: A7L030153 **Work Order #...:** CEGGQ102 **Matrix.....:** SOLID
LCS Lot-Sample#: A7L110000-196
Prep Date.....: 12/11/97 **Analysis Date..:** 12/11/97
Prep Batch #...: 7345196
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	111	(60 - 119)	SW846 8260A
Trichloroethene	105	(74 - 115)	SW846 8260A
Chlorobenzene	106	(85 - 116)	SW846 8260A
Toluene	113	(87 - 118)	SW846 8260A
Benzene	108	(83 - 118)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(61 - 115)
Toluene-d8	101	(82 - 129)
Bromofluorobenzene	100	(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 #...: A7L030153 **Work Order #...:** CEGL6102 **Matrix.....:** SOLID
LCS Lot-Sample#: A7L110000-223
Prep Date.....: 12/10/97 **Analysis Date..:** 12/10/97
Prep Batch #...: 7345223
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	100	(60 - 119)	SW846 8260A
Trichloroethene	100	(74 - 115)	SW846 8260A
Chlorobenzene	113	(85 - 116)	SW846 8260A
Toluene	104	(87 - 118)	SW846 8260A
Benzene	109	(83 - 118)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(61 - 115)
Toluene-d8	95	(82 - 129)
Bromofluorobenzene	92	(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 #...:** CEGC3101 **Matrix.....:** WATER
MB Lot-Sample #: A7L110000-161

Prep Date.....: 12/10/97
Analysis Date..: 12/10/97 **Prep Batch #...:** 7345161
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
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	111	(69 - 127)
Toluene-d8	104	(90 - 112)
Bromofluorobenzene	105	(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 #...: 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
1,2-Dichloroethene (total)	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

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
1,2-Dichloroethene (total)	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

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.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L030153 **Work Order #...:** CECFQ102-MS **Matrix.....:** WATER
MS Lot-Sample #: A7L030141-004 CECFQ103-MSD
Date Sampled...: 12/02/97 14:00 **Date Received..:** 12/03/97
Prep Date.....: 12/10/97 **Analysis Date..:** 12/10/97
Prep Batch #...: 7345161
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	111	(75 - 113)			SW846 8260A
	112	(75 - 113)	1.0	(0-20)	SW846 8260A
Trichloroethene	112 a	(71 - 110)			SW846 8260A
	112 a	(71 - 110)	0.16	(0-22)	SW846 8260A
Chlorobenzene	111	(81 - 115)			SW846 8260A
	112	(81 - 115)	1.7	(0-18)	SW846 8260A
Toluene	110	(78 - 126)			SW846 8260A
	112	(78 - 126)	1.3	(0-24)	SW846 8260A
Benzene	110	(78 - 117)			SW846 8260A
	111	(78 - 117)	0.97	(0-17)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	114	(69 - 127)
	123	(69 - 127)
Toluene-d8	105	(90 - 112)
	106	(90 - 112)
Bromofluorobenzene	108	(87 - 114)
	105	(87 - 114)

NOTE(S):

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

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L030153 **Work Order #...:** CECKM103-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L030153-002 CECKM104-MSD
Date Sampled...: 12/02/97 09:02 **Date Received..:** 12/03/97
Prep Date.....: 12/10/97 **Analysis Date..:** 12/10/97
Prep Batch #...: 7345223
Dilution Factor: 1 **% Moisture.....:** 3.7

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	102	(75 - 113)			SW846 8260A
	107	(75 - 113)	5.0	(0-20)	SW846 8260A
Trichloroethene	96	(71 - 110)			SW846 8260A
	101	(71 - 110)	5.4	(0-22)	SW846 8260A
Benzene	106	(78 - 117)			SW846 8260A
	112	(78 - 117)	5.6	(0-17)	SW846 8260A
Toluene	97	(78 - 126)			SW846 8260A
	103	(78 - 126)	6.7	(0-24)	SW846 8260A
Chlorobenzene	101	(81 - 115)			SW846 8260A
	107	(81 - 115)	6.5	(0-18)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	105	(61 - 115)
	106	(61 - 115)
Toluene-d8	94	(82 - 129)
	95	(82 - 129)
Bromofluorobenzene	88	(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.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L030153 **Work Order #...:** CECKN103-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L030153-003 CECKN104-MSD
Date Sampled...: 12/02/97 09:40 **Date Received..:** 12/03/97
Prep Date.....: 12/11/97 **Analysis Date..:** 12/11/97
Prep Batch #...: 7345196
Dilution Factor: 1 **% Moisture.....:** 12

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	112	(75 - 113)			SW846 8260A
	110	(75 - 113)	1.4	(0-20)	SW846 8260A
Trichloroethene	107	(71 - 110)			SW846 8260A
	104	(71 - 110)	2.8	(0-22)	SW846 8260A
Benzene	108	(78 - 117)			SW846 8260A
	104	(78 - 117)	3.4	(0-17)	SW846 8260A
Toluene	112	(78 - 126)			SW846 8260A
	108	(78 - 126)	3.0	(0-24)	SW846 8260A
Chlorobenzene	108	(81 - 115)			SW846 8260A
	103	(81 - 115)	4.4	(0-18)	SW846 8260A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(61 - 115)
	94	(61 - 115)
Toluene-d8	94	(82 - 129)
	93	(82 - 129)
Bromofluorobenzene	94	(64 - 112)
	91	(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.

CHRYSLER CORPORATION

Chain-of-Custody

00088 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, OHIO
Site Code: SC001
RFA Number: YGQR97 00228-T
Chrysler PM: Gary Stanczuk

Consultant: Leggette, Brashears & Graham, Inc.
Address: 1210 West 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) Purge Water/DI

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOC 8260 40 ml VOA glass, HCl	VOC 8260 4oz. glass/none								Volatiles pH <2	Metals pH < 2	Cyanide pH > 12	Other ___	Remarks
PZ-17D-E	12/2/97	910	G	O	3	✓													Begin SOG 228E [Equipment blank]
PZ-17D (20-22)	↓	902	G	S	1		✓												↓
PZ-17D (30-32)	↓	940	G	S	1		✓												↓
TB120297	—	—	G	O	1	✓													End SOG 228E

Lab Use Only

Sampler(s)
Mike Bostrud
Kai Hansen

Cooler ID # LBG

Is RFA sampling complete? (Yes) No

Bottles Relinquished under Airbill No. 6586268-555

Samples Relinquished under Airbill No. FedEx 801298506948

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
Kai Hansen	12/2/97	1800	Doris Herren	12/3/97	925	(Yes) No
						Yes No
						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

EPA Region 5 Records Ctr.
349857

RFA205
LBG / Vogel

KEMRON Environmental Services
109 Starlite Park
Marietta, Ohio 45750
Phone: (740) 373-4071

CompuChem
501 Madison Ave.
Cary, NC 27513

Attention: Diane Byrd

PO Number:
Account Number: COMPUCHEM-529

Login #: L0002129
Report Date: 02/16/00
Work ID: SC001/DAYTON THERMAL PRODUCTS
Date Received: 02/04/00
RFA205

?

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L0002129-01	DP-075@2-4'	L0002129-02	DP-075@6-8'
L0002129-03	DP-075@14-16'	L0002129-04	DP-075@18-20'
L0002129-05	DP-076@2-4'	L0002129-06	DP-076@6-8'
L0002129-07	DP-077@10-12'	L0002129-08	DP-077@14-16'
L0002129-09	DP-078@6-8'	L0002129-10	DPT020200/KL558
L0002129-11	DP-083@2-4'	L0002129-12	DP-083@18-20'
L0002129-13	DP-084@2-4'	L0002129-14	DP-084@6-8'
L0002129-15	DP-085@2-4'	L0002129-16	DP-085@10-12'
L0002129-17	DP-086@1-4'	L0002129-18	DP-086@1-4'/DUP
L0002129-19	DP-086@14-16'	L0002129-20	DP-087@2-4'
L0002129-21	DPT020300/KL304	L0002129-22	DP-078@16-18'
L0002129-23	DP-079@2-4'	L0002129-24	DP-079@14-16'
L0002129-25	DP-079@18-20'	L0002129-26	DP-080@2-4'
L0002129-27	DP-081@2-4'	L0002129-28	DP-081@8-12'
L0002129-29	DP-082@2-4'	L0002129-30	DP-082@6-8'
L0002129-31	DPT020300/KL734	L0002129-32	DP-087@5-8'
L0002129-33	DP-087@5-8'/DUP	L0002129-34	DP-087@14-16'
L0002129-35	DP-088@2-4'	L0002129-36	DP-088@6-8'
L0002129-37	DP-087@18-20'	L0002129-38	EDP020300
L0002129-39	DPT020300/KL339		

FEB 18 2000

Drum Storage Geoprobe

KEMRON
ENVIRONMENTAL SERVICES

All results on solids/sludges are reported on a dry weight basis, where applicable, unless otherwise specified. This report shall not be reproduced, except in full, without the written approval of KEMRON.

NYSDOH ELAP ID: 10861

Certified By
Dennis S. Tepe

RL = Reporting Limit

KEMRON
ENVIRONMENTAL SERVICES

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

SEMIVOLATILE ORGANICS - 8270:

Sample fractions 17,18 and 23 yielded % recoveries for 2-fluorobiphenyl that were outside acceptable limits. All other surrogates were within limits. Sample fraction 28 yielded % recoveries for 2-fluorophenol and 2,4,6-tribromophenol that were outside acceptable limits. This sample was re-extracted and re-analyzed. This time only 2,4,6-tribromophenol was outside acceptable limits. Only the re-extract was reported.

PESTICIDES - 8081:

The batch LCS associated with sample fractions 01 through 18 yielded % recoveries for several analytes that were outside advisory limits. There were no target analytes found in any of these samples.

PCB's - 8081:

There were no technical difficulties encountered during the analysis of this Sample Delivery Group (SDG).

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0002129-01 Matrix: Soil % Solid: 93
Client Sample ID: DP-075@2-4' Collected: 02/02/00 N/A COC Info: 0624/
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Corrosivity pH.....	UNITS	9.58			1	N/A	DIH	02/07/00	15:35	9045
Ignitability.....	Degrees C	95	>		1	N/A	JWR	02/07/00	10:00	1010
Percent Solids.....	weight %	93		1.0	1	N/A	TMM	02/07/00	11:15	D2216-90
Reactivity, Cyanide.....	mg/kg		ND	10	1	N/A	JCR	02/10/00	16:15	SW-846
Reactivity, Sulfide.....	mg/kg		ND	100	1	N/A	JCR	02/10/00	13:05	SW-846
Silver, Total.....	mg/kg		ND	2.2	1	N/A	ALT	02/11/00	18:38	6010B\3050A
Arsenic, Total.....	mg/kg	6.0		5.4	1	N/A	ALT	02/11/00	18:38	6010B\3050A
Barium, Total.....	mg/kg	21		0.54	1	N/A	ALT	02/11/00	18:38	6010B\3050A
Cadmium, Total.....	mg/kg		ND	0.54	1	N/A	ALT	02/11/00	18:38	6010B\3050A
Chromium, Total.....	mg/kg	5.4		1.1	1	N/A	ALT	02/11/00	18:38	6010B\3050A
Mercury, Total.....	mg/kg		ND	0.27	1	N/A	RSS	02/08/00	10:37	7471A\7471A
Lead, Total.....	mg/kg		ND	5.4	1	N/A	ALT	02/11/00	18:38	6010B\3050A
Selenium, Total.....	mg/kg		ND,S	1.1	5	N/A	CRC	02/13/00	11:20	7740

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8081P - Organochlorine Pesticides

Lab Sample ID: L0002129-01
Client Sample ID: DP-075@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/11/00 Time: 05:18

Instrument: HP9
Analyst: ECL
Lab File ID: 9G8763

Method: 8081A\3550B
Run ID: R82782
Batch : WG71921

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
319-84-6	alpha-BHC	ug/kg		ND	1.8	1
319-85-7	beta-BHC	ug/kg		ND	1.8	1
319-86-8	delta-BHC	ug/kg		ND	1.8	1
76-44-8	Heptachlor	ug/kg		ND	1.8	1
309-00-2	Aldrin	ug/kg		ND	1.8	1
1024-57-3	Heptachlor epoxide	ug/kg		ND	1.8	1
959-98-8	Endosulfan I	ug/kg		ND	1.8	1
60-57-1	Dieldrin	ug/kg		ND	3.5	1
72-55-9	4,4'-DDE	ug/kg		ND	3.5	1
72-20-8	Endrin	ug/kg		ND	3.5	1
33213-65-9	Endosulfan II	ug/kg		ND	3.5	1
72-54-8	4,4'-DDD	ug/kg		ND	3.5	1
1031-07-8	Endosulfan sulfate	ug/kg		ND	3.5	1
50-29-3	4,4'-DDT	ug/kg		ND	3.5	1
72-43-5	Methoxychlor	ug/kg		ND	18	1
53494-70-5	Endrin ketone	ug/kg		ND	3.5	1
7421-93-4	Endrin aldehyde	ug/kg		ND	3.5	1
5103-71-9	alpha Chlordane	ug/kg		ND	1.8	1
5103-74-2	gamma Chlordane	ug/kg		ND	1.8	1
8001-35-2	Toxaphene	ug/kg		ND	35	1
58-89-9	gamma-BHC (Lindane)	ug/kg		ND	1.8	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	80.2	(29 - 133%)
Decachlorobiphenyl	93.2	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8082 - PCB

Lab Sample ID: L0002129-01
Client Sample ID: DP-075@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

CLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 14:37

Instrument: HP7
Analyst: SMW
Lab File ID: 7G6052R

Method: 8082\3550
Run ID: R82723
Batch : WG71913

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
12674-11-2	Aroclor-1016	ug/kg		ND	18	1
11104-28-2	Aroclor-1221	ug/kg		ND	18	1
11141-16-5	Aroclor-1232	ug/kg		ND	18	1
53469-21-9	Aroclor-1242	ug/kg		ND	18	1
12672-29-6	Aroclor-1248	ug/kg		ND	18	1
11097-69-1	Aroclor-1254	ug/kg		ND	18	1
11096-82-5	Aroclor-1260	ug/kg		ND	18	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	91.8	(29 - 133%)
Decachlorobiphenyl	118	(30 - 173%)

L = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8150-A9 - Appendix IX Herbicides

Lab Sample ID: L0002129-01
Client Sample ID: DP-075@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

CLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 10:33

Instrument: HP1
Analyst: ECL
Lab File ID: 1G1355

Method: 8151A\3550
Run ID: R82684
Batch : WG71954

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
94-75-7	2,4-D.....	ug/kg		ND	220	1
88-85-7	Dinoseb.....	ug/kg		ND	15	1
93-72-1	Silvex.....	ug/kg		ND	43	1
93-76-5	2,4,5-T.....	ug/kg		ND	43	1

SURROGATES- In Percent Recovery:

2,4-Dichlorophenylacetic acid.....	68.7	(51 - 146%)

L = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-01
Client Sample ID: DP-075@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

CLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 14:25

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19888

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-95-2	Phenol	ug/kg		ND	180	1
111-44-4	Bis(2-Chloroethyl)ether	ug/kg		ND	180	1
95-57-8	2-Chlorophenol	ug/kg		ND	180	1
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	180	1
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	180	1
100-51-6	Benzyl alcohol	ug/kg		ND	180	1
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	180	1
95-48-7	2-Methylphenol	ug/kg		ND	180	1
108-39-4	3-Methylphenol	ug/kg		ND	180	1
108-60-1	bis(2-Chloroisopropyl)ether	ug/kg		ND	180	1
106-44-5	4-Methylphenol	ug/kg		ND	180	1
621-64-7	N-Nitroso-di-n-propylamine	ug/kg		ND	180	1
67-72-1	Hexachloroethane	ug/kg		ND	180	1
98-95-3	Nitrobenzene	ug/kg		ND	180	1
78-59-1	Isophorone	ug/kg		ND	180	1
88-75-5	2-Nitrophenol	ug/kg		ND	180	1
105-67-9	2,4-Dimethylphenol	ug/kg		ND	180	1
65-85-0	Benzoic acid	ug/kg		ND	890	1
111-91-1	Bis(2-Chloroethoxy)Methane	ug/kg		ND	180	1
120-83-2	2,4-Dichlorophenol	ug/kg		ND	180	1
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	180	1
91-20-3	Naphthalene	ug/kg		ND	180	1
106-47-8	4-Chloroaniline	ug/kg		ND	180	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	180	1
59-50-7	4-Chloro-3-methylphenol	ug/kg		ND	180	1
91-57-6	2-Methylnaphthalene	ug/kg		ND	180	1
77-47-4	Hexachlorocyclopentadiene	ug/kg		ND	180	1
88-06-2	2,4,6-Trichlorophenol	ug/kg		ND	180	1
95-95-4	2,4,5-Trichlorophenol	ug/kg		ND	890	1
91-58-7	2-Chloronaphthalene	ug/kg		ND	180	1
88-74-4	2-Nitroaniline	ug/kg		ND	890	1
131-11-3	Dimethylphthalate	ug/kg		ND	180	1
208-96-8	Acenaphthylene	ug/kg		ND	180	1
606-20-2	2,6-Dinitrotoluene	ug/kg		ND	180	1
99-09-2	3-Nitroaniline	ug/kg		ND	890	1
83-32-9	Acenaphthene	ug/kg		ND	180	1
51-28-5	2,4-Dinitrophenol	ug/kg		ND	890	1
100-02-7	4-Nitrophenol	ug/kg		ND	890	1
132-64-9	Dibenzofuran	ug/kg		ND	180	1

L = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-01
Client Sample ID: DP-075@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

CLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 14:25

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19888

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
121-14-2	2,4-Dinitrotoluene	ug/kg		ND	180	1
84-66-2	Diethylphthalate	ug/kg		ND	180	1
7005-72-3	4-Chlorophenyl-phenyl ether	ug/kg		ND	180	1
86-73-7	Fluorene	ug/kg		ND	180	1
100-01-6	4-Nitroaniline	ug/kg		ND	890	1
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg		ND	890	1
86-30-6	N-Nitrosodiphenylamine	ug/kg		ND	180	1
101-55-3	4-Bromophenyl-phenylether	ug/kg		ND	180	1
118-74-1	Hexachlorobenzene	ug/kg		ND	180	1
87-86-5	Pentachlorophenol	ug/kg		ND	890	1
85-01-8	Phenanthrene	ug/kg		ND	180	1
120-12-7	Anthracene	ug/kg		ND	180	1
84-74-2	Di-N-Butylphthalate	ug/kg		ND	180	1
206-44-0	Fluoranthene	ug/kg		ND	180	1
129-00-0	Pyrene	ug/kg		ND	180	1
85-68-7	Butylbenzylphthalate	ug/kg		ND	180	1
91-94-1	3,3'-Dichlorobenzidine	ug/kg		ND	350	1
56-55-3	Benzo(a)anthracene	ug/kg		ND	180	1
218-01-9	Chrysene	ug/kg		ND	180	1
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg		ND	180	1
117-84-0	Di-n-octylphthalate	ug/kg		ND	180	1
205-99-2	Benzo(b)fluoranthene	ug/kg		ND	180	1
207-08-9	Benzo(k)fluoranthene	ug/kg		ND	180	1
50-32-8	Benzo(a)pyrene	ug/kg		ND	180	1
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg		ND	180	1
53-70-3	Dibenzo(a,h)Anthracene	ug/kg		ND	180	1
191-24-2	Benzo(g,h,i)Perylene	ug/kg		ND	180	1

SURROGATES- In Percent Recovery:

2-Fluorophenol	45.1	(25 - 121%)
Phenol-d5	45.4	(24 - 113%)
Nitrobenzene-d5	45.6	(23 - 120%)
2-Fluorobiphenyl	49.0	(30 - 115%)
2,4,6-Tribromophenol	53.0	(19 - 122%)
p-Terphenyl-d14	76.0	(18 - 137%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-01
Client Sample ID: DP-075@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

CLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 01:25

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18024

Method: 8260A\5030
Run ID: R82704
Batch : WG72091

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg		ND	110	1
71-43-2	Benzene	ug/kg		ND	5.4	1
75-27-4	Bromodichloromethane	ug/kg		ND	5.4	1
75-25-2	Bromoform	ug/kg		ND	5.4	1
74-83-9	Bromomethane	ug/kg		ND	11	1
78-93-3	2-Butanone	ug/kg		ND	110	1
75-15-0	Carbon disulfide	ug/kg		ND	5.4	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5.4	1
108-90-7	Chlorobenzene	ug/kg		ND	5.4	1
75-00-3	Chloroethane	ug/kg		ND	11	1
67-66-3	Chloroform	ug/kg		ND	5.4	1
74-87-3	Chloromethane	ug/kg		ND	11	1
124-48-1	Dibromochloromethane	ug/kg		ND	5.4	1
75-34-3	1,1-Dichloroethane	ug/kg		ND	5.4	1
107-06-2	1,2-Dichloroethane	ug/kg		ND	5.4	1
75-35-4	1,1-Dichloroethene	ug/kg		ND	5.4	1
540-59-0	1,2-Dichloroethene (Total)	ug/kg		ND	5.4	1
78-87-5	1,2-Dichloropropane	ug/kg		ND	5.4	1
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	5.4	1
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	5.4	1
100-41-4	Ethylbenzene	ug/kg		ND	5.4	1
591-78-6	2-Hexanone	ug/kg		ND	11	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	11	1
75-09-2	Methylene chloride	ug/kg		ND	5.4	1
100-42-5	Styrene	ug/kg		ND	5.4	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	5.4	1
127-18-4	Tetrachloroethene	ug/kg		ND	5.4	1
108-88-3	Toluene	ug/kg		ND	5.4	1
71-55-6	1,1,1-Trichloroethane	ug/kg		ND	5.4	1
79-00-5	1,1,2-Trichloroethane	ug/kg		ND	5.4	1
79-01-6	Trichloroethene	ug/kg		ND	5.4	1
75-01-4	Vinyl chloride	ug/kg		ND	11	1
95-47-6	o-Xylene	ug/kg		ND	5.4	1
108-38-3	m-Xylene	ug/kg		ND	5.4	1
106-42-3	p-Xylene	ug/kg		ND	5.4	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-01
Client Sample ID: DP-075@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 01:25

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18024

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

Method: 8260A\5030
Run ID: R82704
Batch : WG72091

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane.....		98.8	(80 - 120%)		
	1,2-Dichloroethane-d4.....		97.7	(80 - 120%)		
	Toluene-d8.....		104	(81 - 117%)		

L = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0002129-02
lient Sample ID: DP-075@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS

Matrix: Soil
Collected: 02/02/00 N/A

% Solid: 95
COC Info: 0624/

nalyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
ercent Solids.....	weight %	95		1.0	1	N/A	TMM	02/07/00	11:15	D2216-90
ilver, Total.....	mg/kg		ND	2.1	1	N/A	ALT	02/11/00	19:05	6010B\3050A
rsenic, Total.....	mg/kg		ND	5.3	1	N/A	ALT	02/11/00	19:05	6010B\3050A
arium, Total.....	mg/kg	11		0.53	1	N/A	ALT	02/11/00	19:05	6010B\3050A
admium, Total.....	mg/kg		ND	0.53	1	N/A	ALT	02/11/00	19:05	6010B\3050A
hromium, Total.....	mg/kg	5.0		1.1	1	N/A	ALT	02/11/00	19:05	6010B\3050A
ercury, Total.....	mg/kg		ND	0.26	1	N/A	RSS	02/08/00	10:37	7471A\7471A
ead, Total.....	mg/kg		ND	5.3	1	N/A	ALT	02/11/00	19:05	6010B\3050A
elenium, Total.....	mg/kg		ND,S	2.1	10	N/A	RSS	02/14/00	10:15	7740

L = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8081P - Organochlorine Pesticides

Lab Sample ID: L0002129-02
Client Sample ID: DP-075@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/11/00 Time: 03:15

Instrument: HP9
Analyst: ECL
Lab File ID: 9G8758

Method: 8081A\3550B
Run ID: R82782
Batch : WG71921

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
319-84-6	alpha-BHC	ug/kg		ND	1.7	1
319-85-7	beta-BHC	ug/kg		ND	1.7	1
319-86-8	delta-BHC	ug/kg		ND	1.7	1
76-44-8	Heptachlor	ug/kg		ND	1.7	1
309-00-2	Aldrin	ug/kg		ND	1.7	1
1024-57-3	Heptachlor epoxide	ug/kg		ND	1.7	1
959-98-8	Endosulfan I	ug/kg		ND	1.7	1
60-57-1	Dieldrin	ug/kg		ND	3.5	1
72-55-9	4,4'-DDE	ug/kg		ND	3.5	1
72-20-8	Endrin	ug/kg		ND	3.5	1
33213-65-9	Endosulfan II	ug/kg		ND	3.5	1
72-54-8	4,4'-DDD	ug/kg		ND	3.5	1
1031-07-8	Endosulfan sulfate	ug/kg		ND	3.5	1
50-29-3	4,4'-DDT	ug/kg		ND	3.5	1
72-43-5	Methoxychlor	ug/kg		ND	17	1
53494-70-5	Endrin ketone	ug/kg		ND	3.5	1
7421-93-4	Endrin aldehyde	ug/kg		ND	3.5	1
5103-71-9	alpha Chlordane	ug/kg		ND	1.7	1
5103-74-2	gamma Chlordane	ug/kg		ND	1.7	1
8001-35-2	Toxaphene	ug/kg		ND	35	1
58-89-9	gamma-BHC (Lindane)	ug/kg		ND	1.7	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	76.8	(29 - 133%)
Decachlorobiphenyl	91.6	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8082 - PCB

Lab Sample ID: L0002129-02
Client Sample ID: DP-075@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 15:02

Instrument: HP7
Analyst: SMW
Lab File ID: 7G6053R

Method: 8082\3550
Run ID: R82723
Batch : WG71913

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
12674-11-2	Aroclor-1016	ug/kg		ND	17	1
11104-28-2	Aroclor-1221	ug/kg		ND	17	1
11141-16-5	Aroclor-1232	ug/kg		ND	17	1
53469-21-9	Aroclor-1242	ug/kg		ND	17	1
12672-29-6	Aroclor-1248	ug/kg		ND	17	1
11097-69-1	Aroclor-1254	ug/kg		ND	17	1
11096-82-5	Aroclor-1260	ug/kg		ND	17	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	86.6	(29 - 133%)
Decachlorobiphenyl	118	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8150-A9 - Appendix IX Herbicides

Lab Sample ID: L0002129-02
Client Sample ID: DP-075@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 10:57

Instrument: HP1
Analyst: ECL
Lab File ID: 1G1356

Method: 8151A\3550
Run ID: R82684
Batch : WG71954

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
94-75-7	2,4-D.....	ug/kg		ND	210	1
88-85-7	Dinoseb.....	ug/kg		ND	15	1
93-72-1	Silvex.....	ug/kg		ND	42	1
93-76-5	2,4,5-T.....	ug/kg		ND	42	1

SURROGATES- In Percent Recovery:

2,4-Dichlorophenylacetic acid.....	76.4	(51 - 146%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-02
Client Sample ID: DP-075@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 15:02

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19889

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-95-2	Phenol	ug/kg		ND	170	1
111-44-4	Bis(2-Chloroethyl)ether	ug/kg		ND	170	1
95-57-8	2-Chlorophenol	ug/kg		ND	170	1
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	170	1
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	170	1
100-51-6	Benzyl alcohol	ug/kg		ND	170	1
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	170	1
95-48-7	2-Methylphenol	ug/kg		ND	170	1
108-39-4	3-Methylphenol	ug/kg		ND	170	1
108-60-1	bis(2-Chloroisopropyl)ether	ug/kg		ND	170	1
106-44-5	4-Methylphenol	ug/kg		ND	170	1
621-64-7	N-Nitroso-di-n-propylamine	ug/kg		ND	170	1
67-72-1	Hexachloroethane	ug/kg		ND	170	1
98-95-3	Nitrobenzene	ug/kg		ND	170	1
78-59-1	Isophorone	ug/kg		ND	170	1
88-75-5	2-Nitrophenol	ug/kg		ND	170	1
105-67-9	2,4-Dimethylphenol	ug/kg		ND	170	1
65-85-0	Benzoic acid	ug/kg		ND	870	1
111-91-1	Bis(2-Chloroethoxy)Methane	ug/kg		ND	170	1
120-83-2	2,4-Dichlorophenol	ug/kg		ND	170	1
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	170	1
91-20-3	Naphthalene	ug/kg		ND	170	1
106-47-8	4-Chloroaniline	ug/kg		ND	170	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	170	1
59-50-7	4-Chloro-3-methylphenol	ug/kg		ND	170	1
91-57-6	2-Methylnaphthalene	ug/kg		ND	170	1
77-47-4	Hexachlorocyclopentadiene	ug/kg		ND	170	1
88-06-2	2,4,6-Trichlorophenol	ug/kg		ND	170	1
95-95-4	2,4,5-Trichlorophenol	ug/kg		ND	870	1
91-58-7	2-Chloronaphthalene	ug/kg		ND	170	1
88-74-4	2-Nitroaniline	ug/kg		ND	870	1
131-11-3	Dimethylphthalate	ug/kg		ND	170	1
208-96-8	Acenaphthylene	ug/kg		ND	170	1
606-20-2	2,6-Dinitrotoluene	ug/kg		ND	170	1
99-09-2	3-Nitroaniline	ug/kg		ND	870	1
83-32-9	Acenaphthene	ug/kg		ND	170	1
51-28-5	2,4-Dinitrophenol	ug/kg		ND	870	1
100-02-7	4-Nitrophenol	ug/kg		ND	870	1
132-64-9	Dibenzofuran	ug/kg		ND	170	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-02
Client Sample ID: DP-075@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 15:02

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19889

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
121-14-2	2,4-Dinitrotoluene	ug/kg		ND	170	1
84-66-2	Diethylphthalate	ug/kg		ND	170	1
7005-72-3	4-Chlorophenyl-phenyl ether	ug/kg		ND	170	1
86-73-7	Fluorene	ug/kg		ND	170	1
100-01-6	4-Nitroaniline	ug/kg		ND	870	1
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg		ND	870	1
86-30-6	N-Nitrosodiphenylamine	ug/kg		ND	170	1
101-55-3	4-Bromophenyl-phenylether	ug/kg		ND	170	1
118-74-1	Hexachlorobenzene	ug/kg		ND	170	1
87-86-5	Pentachlorophenol	ug/kg		ND	870	1
85-01-8	Phenanthrene	ug/kg		ND	170	1
120-12-7	Anthracene	ug/kg		ND	170	1
84-74-2	Di-N-Butylphthalate	ug/kg		ND	170	1
206-44-0	Fluoranthene	ug/kg		ND	170	1
129-00-0	Pyrene	ug/kg		ND	170	1
85-68-7	Butylbenzylphthalate	ug/kg		ND	170	1
91-94-1	3,3'-Dichlorobenzidine	ug/kg		ND	350	1
56-55-3	Benzo(a)anthracene	ug/kg		ND	170	1
218-01-9	Chrysene	ug/kg		ND	170	1
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg		ND	170	1
117-84-0	Di-n-octylphthalate	ug/kg		ND	170	1
205-99-2	Benzo(b)fluoranthene	ug/kg		ND	170	1
207-08-9	Benzo(k)fluoranthene	ug/kg		ND	170	1
50-32-8	Benzo(a)pyrene	ug/kg		ND	170	1
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg		ND	170	1
53-70-3	Dibenzo(a,h)Anthracene	ug/kg		ND	170	1
191-24-2	Benzo(g,h,i)Perylene	ug/kg		ND	170	1

SURROGATES- In Percent Recovery:

2-Fluorophenol	50.1	(25 - 121%)
Phenol-d5	50.8	(24 - 113%)
Nitrobenzene-d5	50.5	(23 - 120%)
2-Fluorobiphenyl	54.7	(30 - 115%)
2,4,6-Tribromophenol	59.4	(19 - 122%)
p-Terphenyl-d14	79.4	(18 - 137%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-02
Client Sample ID: DP-075@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 01:58

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18025

Method: 8260A\5030
Run ID: R82704
Batch : WG72091

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg		ND	110	1
71-43-2	Benzene	ug/kg		ND	5.3	1
75-27-4	Bromodichloromethane	ug/kg		ND	5.3	1
75-25-2	Bromoform	ug/kg		ND	5.3	1
74-83-9	Bromomethane	ug/kg		ND	11	1
78-93-3	2-Butanone	ug/kg		ND	110	1
75-15-0	Carbon disulfide	ug/kg		ND	5.3	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5.3	1
108-90-7	Chlorobenzene	ug/kg		ND	5.3	1
75-00-3	Chloroethane	ug/kg		ND	11	1
67-66-3	Chloroform	ug/kg		ND	5.3	1
74-87-3	Chloromethane	ug/kg		ND	11	1
124-48-1	Dibromochloromethane	ug/kg		ND	5.3	1
75-34-3	1,1-Dichloroethane	ug/kg		ND	5.3	1
107-06-2	1,2-Dichloroethane	ug/kg		ND	5.3	1
75-35-4	1,1-Dichloroethene	ug/kg		ND	5.3	1
540-59-0	1,2-Dichloroethene (Total)	ug/kg		ND	5.3	1
78-87-5	1,2-Dichloropropane	ug/kg		ND	5.3	1
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	5.3	1
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	5.3	1
100-41-4	Ethylbenzene	ug/kg		ND	5.3	1
591-78-6	2-Hexanone	ug/kg		ND	11	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	11	1
75-09-2	Methylene chloride	ug/kg		ND	5.3	1
100-42-5	Styrene	ug/kg		ND	5.3	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	5.3	1
127-18-4	Tetrachloroethene	ug/kg	8.1		5.3	1
108-88-3	Toluene	ug/kg		ND	5.3	1
71-55-6	1,1,1-Trichloroethane	ug/kg		ND	5.3	1
79-00-5	1,1,2-Trichloroethane	ug/kg		ND	5.3	1
79-01-6	Trichloroethene	ug/kg		ND	5.3	1
75-01-4	Vinyl chloride	ug/kg		ND	11	1
95-47-6	o-Xylene	ug/kg		ND	5.3	1
108-38-3	m-Xylene	ug/kg		ND	5.3	1
106-42-3	p-Xylene	ug/kg		ND	5.3	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-02
Client Sample ID: DP-075@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

CLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 01:58

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18025

Method: 8260A\5030
Run ID: R82704
Batch : WG72091

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane.....	100		(80 - 120%)		
	1,2-Dichloroethane-d4.....	98.9		(80 - 120%)		
	Toluene-d8.....	106		(81 - 117%)		

L = Reporting Limit

Login #L0002129
February 16, 2000 01:39 pm

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0002129-03
Client Sample ID: DP-075@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS

Matrix: Soil
Collected: 02/02/00 N/A

% Solid: 95
COC Info: 0624/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	95		1.0	1	N/A	TMM	02/07/00	11:15	D2216-90
Silver, Total.....	mg/kg		ND	2.1	1	N/A	ALT	02/11/00	19:20	6010B\3050A
Arsenic, Total.....	mg/kg	5.7		5.3	1	N/A	ALT	02/11/00	19:20	6010B\3050A
Barium, Total.....	mg/kg	18		0.53	1	N/A	ALT	02/11/00	19:20	6010B\3050A
Cadmium, Total.....	mg/kg		ND	0.53	1	N/A	ALT	02/11/00	19:20	6010B\3050A
Chromium, Total.....	mg/kg	4.9		1.1	1	N/A	ALT	02/11/00	19:20	6010B\3050A
Mercury, Total.....	mg/kg		ND	0.26	1	N/A	RSS	02/08/00	10:37	7471A\7471A
Lead, Total.....	mg/kg		ND	5.3	1	N/A	ALT	02/11/00	19:20	6010B\3050A
Selenium, Total.....	mg/kg		ND,S	11	50	N/A	RSS	02/14/00	10:15	7740

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8081P - Organochlorine Pesticides

Lab Sample ID: L0002129-03
Client Sample ID: DP-075@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/11/00 Time: 05:42

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Instrument: HP9
Analyst: ECL
Lab File ID: 9G8764

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

Method: 8081A\3550B
Run ID: R82782
Batch : WG71921

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
319-84-6	alpha-BHC	ug/kg		ND	1.7	1
319-85-7	beta-BHC	ug/kg		ND	1.7	1
319-86-8	delta-BHC	ug/kg		ND	1.7	1
76-44-8	Heptachlor	ug/kg		ND	1.7	1
309-00-2	Aldrin	ug/kg		ND	1.7	1
1024-57-3	Heptachlor epoxide	ug/kg		ND	1.7	1
959-98-8	Endosulfan I	ug/kg		ND	1.7	1
60-57-1	Dieldrin	ug/kg		ND	3.5	1
72-55-9	4,4'-DDE	ug/kg		ND	3.5	1
72-20-8	Endrin	ug/kg		ND	3.5	1
33213-65-9	Endosulfan II	ug/kg		ND	3.5	1
72-54-8	4,4'-DDD	ug/kg		ND	3.5	1
1031-07-8	Endosulfan sulfate	ug/kg		ND	3.5	1
50-29-3	4,4'-DDT	ug/kg		ND	3.5	1
72-43-5	Methoxychlor	ug/kg		ND	17	1
53494-70-5	Endrin ketone	ug/kg		ND	3.5	1
7421-93-4	Endrin aldehyde	ug/kg		ND	3.5	1
5103-71-9	alpha Chlordane	ug/kg		ND	1.7	1
5103-74-2	gamma Chlordane	ug/kg		ND	1.7	1
8001-35-2	Toxaphene	ug/kg		ND	35	1
58-89-9	gamma-BHC (Lindane)	ug/kg		ND	1.7	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	91.2	(29 - 133%)
Decachlorobiphenyl	107	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8082 - PCB

Lab Sample ID: L0002129-03
Client Sample ID: DP-075@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 15:28

Instrument: HP7
Analyst: SMW
Lab File ID: 7G6054R

Method: 8082\3550
Run ID: R82723
Batch : WG71913

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
12674-11-2	Aroclor-1016	ug/kg		ND	17	1
11104-28-2	Aroclor-1221	ug/kg		ND	17	1
11141-16-5	Aroclor-1232	ug/kg		ND	17	1
53469-21-9	Aroclor-1242	ug/kg		ND	17	1
12672-29-6	Aroclor-1248	ug/kg		ND	17	1
11097-69-1	Aroclor-1254	ug/kg		ND	17	1
11096-82-5	Aroclor-1260	ug/kg		ND	17	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	79.0	(29 - 133%)
Decachlorobiphenyl	99.8	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8150-A9 - Appendix IX Herbicides

Lab Sample ID: L0002129-03
Client Sample ID: DP-075@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 11:20

Instrument: HP1
Analyst: ECL
Lab File ID: 1G1357

Method: 8151A\3550
Run ID: R82684
Batch : WG71954

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
94-75-7	2,4-D.....	ug/kg		ND	210	1
88-85-7	Dinoseb.....	ug/kg		ND	15	1
93-72-1	Silvex.....	ug/kg		ND	42	1
93-76-5	2,4,5-T.....	ug/kg		ND	42	1

SURROGATES- In Percent Recovery:

2,4-Dichlorophenylacetic acid.....	67.2	(51 - 146%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-03
Client Sample ID: DP-075@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

CLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 15:38

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19890

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-95-2	Phenol	ug/kg		ND	170	1
111-44-4	Bis(2-Chloroethyl)ether	ug/kg		ND	170	1
95-57-8	2-Chlorophenol	ug/kg		ND	170	1
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	170	1
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	170	1
100-51-6	Benzyl alcohol	ug/kg		ND	170	1
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	170	1
95-48-7	2-Methylphenol	ug/kg		ND	170	1
108-39-4	3-Methylphenol	ug/kg		ND	170	1
108-60-1	bis(2-Chloroisopropyl)ether	ug/kg		ND	170	1
106-44-5	4-Methylphenol	ug/kg		ND	170	1
621-64-7	N-Nitroso-di-n-propylamine	ug/kg		ND	170	1
67-72-1	Hexachloroethane	ug/kg		ND	170	1
98-95-3	Nitrobenzene	ug/kg		ND	170	1
78-59-1	Isophorone	ug/kg		ND	170	1
88-75-5	2-Nitrophenol	ug/kg		ND	170	1
105-67-9	2,4-Dimethylphenol	ug/kg		ND	170	1
65-85-0	Benzoic acid	ug/kg		ND	870	1
111-91-1	Bis(2-Chloroethoxy)Methane	ug/kg		ND	170	1
120-83-2	2,4-Dichlorophenol	ug/kg		ND	170	1
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	170	1
91-20-3	Naphthalene	ug/kg		ND	170	1
106-47-8	4-Chloroaniline	ug/kg		ND	170	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	170	1
59-50-7	4-Chloro-3-methylphenol	ug/kg		ND	170	1
91-57-6	2-Methylnaphthalene	ug/kg		ND	170	1
77-47-4	Hexachlorocyclopentadiene	ug/kg		ND	170	1
88-06-2	2,4,6-Trichlorophenol	ug/kg		ND	170	1
95-95-4	2,4,5-Trichlorophenol	ug/kg		ND	870	1
91-58-7	2-Chloronaphthalene	ug/kg		ND	170	1
88-74-4	2-Nitroaniline	ug/kg		ND	870	1
131-11-3	Dimethylphthalate	ug/kg		ND	170	1
208-96-8	Acenaphthylene	ug/kg		ND	170	1
606-20-2	2,6-Dinitrotoluene	ug/kg		ND	170	1
99-09-2	3-Nitroaniline	ug/kg		ND	870	1
83-32-9	Acenaphthene	ug/kg		ND	170	1
51-28-5	2,4-Dinitrophenol	ug/kg		ND	870	1
100-02-7	4-Nitrophenol	ug/kg		ND	870	1
132-64-9	Dibenzofuran	ug/kg		ND	170	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-03
Client Sample ID: DP-075@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

CLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 15:38

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19890

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
121-14-2	2,4-Dinitrotoluene	ug/kg		ND	170	1
84-66-2	Diethylphthalate	ug/kg		ND	170	1
7005-72-3	4-Chlorophenyl-phenyl ether	ug/kg		ND	170	1
86-73-7	Fluorene	ug/kg		ND	170	1
100-01-6	4-Nitroaniline	ug/kg		ND	870	1
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg		ND	870	1
86-30-6	N-Nitrosodiphenylamine	ug/kg		ND	170	1
101-55-3	4-Bromophenyl-phenylether	ug/kg		ND	170	1
118-74-1	Hexachlorobenzene	ug/kg		ND	170	1
87-86-5	Pentachlorophenol	ug/kg		ND	870	1
85-01-8	Phenanthrene	ug/kg		ND	170	1
120-12-7	Anthracene	ug/kg		ND	170	1
84-74-2	Di-N-Butylphthalate	ug/kg		ND	170	1
206-44-0	Fluoranthene	ug/kg		ND	170	1
129-00-0	Pyrene	ug/kg		ND	170	1
85-68-7	Butylbenzylphthalate	ug/kg		ND	170	1
91-94-1	3,3'-Dichlorobenzidine	ug/kg		ND	350	1
56-55-3	Benzo(a)anthracene	ug/kg		ND	170	1
218-01-9	Chrysene	ug/kg		ND	170	1
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg		ND	170	1
117-84-0	Di-n-octylphthalate	ug/kg		ND	170	1
205-99-2	Benzo(b)fluoranthene	ug/kg		ND	170	1
207-08-9	Benzo(k)fluoranthene	ug/kg		ND	170	1
50-32-8	Benzo(a)pyrene	ug/kg		ND	170	1
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg		ND	170	1
53-70-3	Dibenzo(a,h)Anthracene	ug/kg		ND	170	1
191-24-2	Benzo(g,h,i)Perylene	ug/kg		ND	170	1

SURROGATES- In Percent Recovery:

2-Fluorophenol	50.3	(25 - 121%)
Phenol-d5	50.4	(24 - 113%)
Nitrobenzene-d5	49.9	(23 - 120%)
2-Fluorobiphenyl	54.6	(30 - 115%)
2,4,6-Tribromophenol	58.2	(19 - 122%)
p-Terphenyl-d14	68.9	(18 - 137%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-03
Client Sample ID: DP-075@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

CLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 02:30

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18026

Method: 8260A\5030
Run ID: R82704
Batch : WG72091

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg		ND	110	1
71-43-2	Benzene	ug/kg		ND	5.3	1
75-27-4	Bromodichloromethane	ug/kg		ND	5.3	1
75-25-2	Bromoform	ug/kg		ND	5.3	1
74-83-9	Bromomethane	ug/kg		ND	11	1
78-93-3	2-Butanone	ug/kg		ND	110	1
75-15-0	Carbon disulfide	ug/kg		ND	5.3	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5.3	1
108-90-7	Chlorobenzene	ug/kg		ND	5.3	1
75-00-3	Chloroethane	ug/kg		ND	11	1
67-66-3	Chloroform	ug/kg		ND	5.3	1
74-87-3	Chloromethane	ug/kg		ND	11	1
124-48-1	Dibromochloromethane	ug/kg		ND	5.3	1
75-34-3	1,1-Dichloroethane	ug/kg		ND	5.3	1
107-06-2	1,2-Dichloroethane	ug/kg		ND	5.3	1
75-35-4	1,1-Dichloroethene	ug/kg		ND	5.3	1
540-59-0	1,2-Dichloroethene (Total)	ug/kg		ND	5.3	1
78-87-5	1,2-Dichloropropane	ug/kg		ND	5.3	1
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	5.3	1
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	5.3	1
100-41-4	Ethylbenzene	ug/kg		ND	5.3	1
591-78-6	2-Hexanone	ug/kg		ND	11	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	11	1
75-09-2	Methylene chloride	ug/kg		ND	5.3	1
100-42-5	Styrene	ug/kg		ND	5.3	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	5.3	1
127-18-4	Tetrachloroethene	ug/kg	22		5.3	1
108-88-3	Toluene	ug/kg		ND	5.3	1
71-55-6	1,1,1-Trichloroethane	ug/kg		ND	5.3	1
79-00-5	1,1,2-Trichloroethane	ug/kg		ND	5.3	1
79-01-6	Trichloroethene	ug/kg		ND	5.3	1
75-01-4	Vinyl chloride	ug/kg		ND	11	1
95-47-6	o-Xylene	ug/kg		ND	5.3	1
108-38-3	m-Xylene	ug/kg		ND	5.3	1
106-42-3	p-Xylene	ug/kg		ND	5.3	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-03
Client Sample ID: DP-075@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

CLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 02:30

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18026

Method: 8260A\5030
Run ID: R82704
Batch : WG72091

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane.....	99.5		(80 - 120%)		
	1,2-Dichloroethane-d4.....	99.4		(80 - 120%)		
	Toluene-d8.....	105		(81 - 117%)		

L = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0002129-04
lient Sample ID: DP-075@18-20'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS

Matrix: Soil
Collected: 02/02/00 N/A

% Solid: 96
COC Info: 0624/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
ercent Solids.....	weight %	96		1.0	1	N/A	TMM	02/10/00	11:10	D2216-90

L = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-04
Client Sample ID: DP-075@18-20'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

CLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 03:02

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18027

Method: 8260A\5030
Run ID: R82704
Batch : WG72091

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg		ND	100	1
71-43-2	Benzene	ug/kg		ND	5.2	1
75-27-4	Bromodichloromethane	ug/kg		ND	5.2	1
75-25-2	Bromoform	ug/kg		ND	5.2	1
74-83-9	Bromomethane	ug/kg		ND	10	1
78-93-3	2-Butanone	ug/kg		ND	100	1
75-15-0	Carbon disulfide	ug/kg		ND	5.2	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5.2	1
108-90-7	Chlorobenzene	ug/kg		ND	5.2	1
75-00-3	Chloroethane	ug/kg		ND	10	1
67-66-3	Chloroform	ug/kg		ND	5.2	1
74-87-3	Chloromethane	ug/kg		ND	10	1
124-48-1	Dibromochloromethane	ug/kg		ND	5.2	1
75-34-3	1,1-Dichloroethane	ug/kg		ND	5.2	1
107-06-2	1,2-Dichloroethane	ug/kg		ND	5.2	1
75-35-4	1,1-Dichloroethene	ug/kg		ND	5.2	1
540-59-0	1,2-Dichloroethene (Total)	ug/kg		ND	5.2	1
78-87-5	1,2-Dichloropropane	ug/kg		ND	5.2	1
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	5.2	1
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	5.2	1
100-41-4	Ethylbenzene	ug/kg		ND	5.2	1
591-78-6	2-Hexanone	ug/kg		ND	10	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	10	1
75-09-2	Methylene chloride	ug/kg		ND	5.2	1
100-42-5	Styrene	ug/kg		ND	5.2	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	5.2	1
127-18-4	Tetrachloroethene	ug/kg	190		5.2	1
108-88-3	Toluene	ug/kg		ND	5.2	1
71-55-6	1,1,1-Trichloroethane	ug/kg		ND	5.2	1
79-00-5	1,1,2-Trichloroethane	ug/kg		ND	5.2	1
79-01-6	Trichloroethene	ug/kg	8.1		5.2	1
75-01-4	Vinyl chloride	ug/kg		ND	10	1
95-47-6	o-Xylene	ug/kg		ND	5.2	1
108-38-3	m-Xylene	ug/kg		ND	5.2	1
106-42-3	p-Xylene	ug/kg		ND	5.2	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-04
Client Sample ID: DP-075@18-20'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 03:02

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18027

Method: 8260A\5030
Run ID: R82704
Batch : WG72091

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane.....		99.5	(80 - 120%)		
	1,2-Dichloroethane-d4.....		99.4	(80 - 120%)		
	Toluene-d8.....		103	(81 - 117%)		

RL = Reporting Limit

Login #L0002129
February 16, 2000 01:39 pm

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0002129-05
Client Sample ID: DP-076@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS

Matrix: Soil
Collected: 02/02/00 N/A

% Solid: 96
COC Info: 0624/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	96		1.0	1	N/A	TMM	02/07/00	11:15	D2216-90
Silver, Total.....	mg/kg		ND	2.1	1	N/A	ALT	02/11/00	19:24	6010B\3050A
Arsenic, Total.....	mg/kg		ND	5.2	1	N/A	ALT	02/11/00	19:24	6010B\3050A
Barium, Total.....	mg/kg	17		0.52	1	N/A	ALT	02/11/00	19:24	6010B\3050A
Cadmium, Total.....	mg/kg		ND	0.52	1	N/A	ALT	02/11/00	19:24	6010B\3050A
Chromium, Total.....	mg/kg	4.4		1.0	1	N/A	ALT	02/11/00	19:24	6010B\3050A
Mercury, Total.....	mg/kg		ND	0.26	1	N/A	RSS	02/08/00	10:37	7471A\7471A
Lead, Total.....	mg/kg		ND	5.2	1	N/A	ALT	02/11/00	19:24	6010B\3050A
Selenium, Total.....	mg/kg		ND,S	1.0	5	N/A	CRC	02/13/00	11:20	7740

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8081P - Organochlorine Pesticides

Lab Sample ID: L0002129-05
Client Sample ID: DP-076@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/11/00 Time: 06:07

Instrument: HP9
Analyst: ECL
Lab File ID: 9G8765

Method: 8081A\3550B
Run ID: R82782
Batch : WG71921

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
319-84-6	alpha-BHC	ug/kg		ND	1.7	1
319-85-7	beta-BHC	ug/kg		ND	1.7	1
319-86-8	delta-BHC	ug/kg		ND	1.7	1
76-44-8	Heptachlor	ug/kg		ND	1.7	1
309-00-2	Aldrin	ug/kg		ND	1.7	1
1024-57-3	Heptachlor epoxide	ug/kg		ND	1.7	1
959-98-8	Endosulfan I	ug/kg		ND	1.7	1
60-57-1	Dieldrin	ug/kg		ND	3.4	1
72-55-9	4,4'-DDE	ug/kg		ND	3.4	1
72-20-8	Endrin	ug/kg		ND	3.4	1
33213-65-9	Endosulfan II	ug/kg		ND	3.4	1
72-54-8	4,4'-DDD	ug/kg		ND	3.4	1
1031-07-8	Endosulfan sulfate	ug/kg		ND	3.4	1
50-29-3	4,4'-DDT	ug/kg		ND	3.4	1
72-43-5	Methoxychlor	ug/kg		ND	17	1
53494-70-5	Endrin ketone	ug/kg		ND	3.4	1
7421-93-4	Endrin aldehyde	ug/kg		ND	3.4	1
5103-71-9	alpha Chlordane	ug/kg		ND	1.7	1
5103-74-2	gamma Chlordane	ug/kg		ND	1.7	1
8001-35-2	Toxaphene	ug/kg		ND	34	1
58-89-9	gamma-BHC (Lindane)	ug/kg		ND	1.7	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	86.5	(29 - 133%)
Decachlorobiphenyl	104	(30 - 173%)

L = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8082 - PCB

Lab Sample ID: L0002129-05
Client Sample ID: DP-076@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 17:37

Instrument: HP7
Analyst: SMW
Lab File ID: 7G6059R

Method: 8082\3550
Run ID: R82723
Batch : WG71913

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
12674-11-2	Aroclor-1016	ug/kg		ND	17	1
11104-28-2	Aroclor-1221	ug/kg		ND	17	1
11141-16-5	Aroclor-1232	ug/kg		ND	17	1
53469-21-9	Aroclor-1242	ug/kg		ND	17	1
12672-29-6	Aroclor-1248	ug/kg		ND	17	1
11097-69-1	Aroclor-1254	ug/kg		ND	17	1
11096-82-5	Aroclor-1260	ug/kg		ND	17	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	88.8	(29 - 133%)
Decachlorobiphenyl	111	(30 - 173%)

L = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8150-A9 - Appendix IX Herbicides

Lab Sample ID: L0002129-05
Client Sample ID: DP-076@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 11:43

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Instrument: HP1
Analyst: ECL
Lab File ID: 1G1358

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

Method: 8151A\3550
Run ID: R82684
Batch : WG71954

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
94-75-7	2,4-D.....	ug/kg		ND	210	1
88-85-7	Dinoseb.....	ug/kg		ND	15	1
93-72-1	Silvex.....	ug/kg		ND	42	1
93-76-5	2,4,5-T.....	ug/kg		ND	42	1

SURROGATES- In Percent Recovery:

2,4-Dichlorophenylacetic acid.....	89.7	(51 - 146%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-05
Client Sample ID: DP-076@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 16:15

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19891

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-95-2	Phenol	ug/kg		ND	170	1
111-44-4	Bis(2-Chloroethyl)ether	ug/kg		ND	170	1
95-57-8	2-Chlorophenol	ug/kg		ND	170	1
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	170	1
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	170	1
100-51-6	Benzyl alcohol	ug/kg		ND	170	1
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	170	1
95-48-7	2-Methylphenol	ug/kg		ND	170	1
108-39-4	3-Methylphenol	ug/kg		ND	170	1
108-60-1	bis(2-Chloroisopropyl)ether	ug/kg		ND	170	1
106-44-5	4-Methylphenol	ug/kg		ND	170	1
621-64-7	N-Nitroso-di-n-propylamine	ug/kg		ND	170	1
67-72-1	Hexachloroethane	ug/kg		ND	170	1
98-95-3	Nitrobenzene	ug/kg		ND	170	1
78-59-1	Isophorone	ug/kg		ND	170	1
88-75-5	2-Nitrophenol	ug/kg		ND	170	1
105-67-9	2,4-Dimethylphenol	ug/kg		ND	170	1
65-85-0	Benzoic acid	ug/kg		ND	860	1
111-91-1	Bis(2-Chloroethoxy)Methane	ug/kg		ND	170	1
120-83-2	2,4-Dichlorophenol	ug/kg		ND	170	1
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	170	1
91-20-3	Naphthalene	ug/kg		ND	170	1
106-47-8	4-Chloroaniline	ug/kg		ND	170	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	170	1
59-50-7	4-Chloro-3-methylphenol	ug/kg		ND	170	1
91-57-6	2-Methylnaphthalene	ug/kg		ND	170	1
77-47-4	Hexachlorocyclopentadiene	ug/kg		ND	170	1
88-06-2	2,4,6-Trichlorophenol	ug/kg		ND	170	1
95-95-4	2,4,5-Trichlorophenol	ug/kg		ND	860	1
91-58-7	2-Chloronaphthalene	ug/kg		ND	170	1
88-74-4	2-Nitroaniline	ug/kg		ND	860	1
131-11-3	Dimethylphthalate	ug/kg		ND	170	1
208-96-8	Acenaphthylene	ug/kg		ND	170	1
606-20-2	2,6-Dinitrotoluene	ug/kg		ND	170	1
99-09-2	3-Nitroaniline	ug/kg		ND	860	1
83-32-9	Acenaphthene	ug/kg		ND	170	1
51-28-5	2,4-Dinitrophenol	ug/kg		ND	860	1
100-02-7	4-Nitrophenol	ug/kg		ND	860	1
132-64-9	Dibenzofuran	ug/kg		ND	170	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-05
Client Sample ID: DP-076@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 16:15

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19891

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
121-14-2	2,4-Dinitrotoluene	ug/kg		ND	170	1
84-66-2	Diethylphthalate	ug/kg		ND	170	1
7005-72-3	4-Chlorophenyl-phenyl ether	ug/kg		ND	170	1
86-73-7	Fluorene	ug/kg		ND	170	1
100-01-6	4-Nitroaniline	ug/kg		ND	860	1
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg		ND	860	1
86-30-6	N-Nitrosodiphenylamine	ug/kg		ND	170	1
101-55-3	4-Bromophenyl-phenylether	ug/kg		ND	170	1
118-74-1	Hexachlorobenzene	ug/kg		ND	170	1
87-86-5	Pentachlorophenol	ug/kg		ND	860	1
85-01-8	Phenanthrene	ug/kg		ND	170	1
120-12-7	Anthracene	ug/kg		ND	170	1
84-74-2	Di-N-Butylphthalate	ug/kg		ND	170	1
206-44-0	Fluoranthene	ug/kg		ND	170	1
129-00-0	Pyrene	ug/kg		ND	170	1
85-68-7	Butylbenzylphthalate	ug/kg		ND	170	1
91-94-1	3,3'-Dichlorobenzidine	ug/kg		ND	340	1
56-55-3	Benzo(a)anthracene	ug/kg		ND	170	1
218-01-9	Chrysene	ug/kg		ND	170	1
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg		ND	170	1
117-84-0	Di-n-octylphthalate	ug/kg		ND	170	1
205-99-2	Benzo(b)fluoranthene	ug/kg		ND	170	1
207-08-9	Benzo(k)fluoranthene	ug/kg		ND	170	1
50-32-8	Benzo(a)pyrene	ug/kg		ND	170	1
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg		ND	170	1
53-70-3	Dibenzo(a,h)Anthracene	ug/kg		ND	170	1
191-24-2	Benzo(g,h,i)Perylene	ug/kg		ND	170	1

SURROGATES- In Percent Recovery:

2-Fluorophenol	43.6	(25 - 121%)
Phenol-d5	43.4	(24 - 113%)
Nitrobenzene-d5	42.8	(23 - 120%)
2-Fluorobiphenyl	45.4	(30 - 115%)
2,4,6-Tribromophenol	50.8	(19 - 122%)
p-Terphenyl-d14	74.7	(18 - 137%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-05
Client Sample ID: DP-076@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 11:27

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18034

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg		ND	100	1
71-43-2	Benzene	ug/kg		ND	5.2	1
75-27-4	Bromodichloromethane	ug/kg		ND	5.2	1
75-25-2	Bromoform	ug/kg		ND	5.2	1
74-83-9	Bromomethane	ug/kg		ND	10	1
78-93-3	2-Butanone	ug/kg		ND	100	1
75-15-0	Carbon disulfide	ug/kg		ND	5.2	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5.2	1
108-90-7	Chlorobenzene	ug/kg		ND	5.2	1
75-00-3	Chloroethane	ug/kg		ND	10	1
67-66-3	Chloroform	ug/kg		ND	5.2	1
74-87-3	Chloromethane	ug/kg		ND	10	1
124-48-1	Dibromochloromethane	ug/kg		ND	5.2	1
75-34-3	1,1-Dichloroethane	ug/kg		ND	5.2	1
107-06-2	1,2-Dichloroethane	ug/kg		ND	5.2	1
75-35-4	1,1-Dichloroethene	ug/kg		ND	5.2	1
540-59-0	1,2-Dichloroethene (Total)	ug/kg		ND	5.2	1
78-87-5	1,2-Dichloropropane	ug/kg		ND	5.2	1
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	5.2	1
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	5.2	1
100-41-4	Ethylbenzene	ug/kg		ND	5.2	1
591-78-6	2-Hexanone	ug/kg		ND	10	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	10	1
75-09-2	Methylene chloride	ug/kg		ND	5.2	1
100-42-5	Styrene	ug/kg		ND	5.2	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	5.2	1
127-18-4	Tetrachloroethene	ug/kg	7.8		5.2	1
108-88-3	Toluene	ug/kg		ND	5.2	1
71-55-6	1,1,1-Trichloroethane	ug/kg		ND	5.2	1
79-00-5	1,1,2-Trichloroethane	ug/kg		ND	5.2	1
79-01-6	Trichloroethene	ug/kg		ND	5.2	1
75-01-4	Vinyl chloride	ug/kg		ND	10	1
95-47-6	o-Xylene	ug/kg		ND	5.2	1
108-38-3	m-Xylene	ug/kg		ND	5.2	1
106-42-3	p-Xylene	ug/kg		ND	5.2	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-05
Client Sample ID: DP-076@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 11:27

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18034

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane.....	102		(80 - 120%)		
	1,2-Dichloroethane-d4.....	104		(80 - 120%)		
	Toluene-d8.....	105		(81 - 117%)		

RL = Reporting Limit

Login #L0002129
February 16, 2000 01:39 pm

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0002129-06
Client Sample ID: DP-076@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS

Matrix: Soil
Collected: 02/02/00 N/A

% Solid: 96
COC Info: 0624/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	96		1.0	1	N/A	TMM	02/07/00	11:15	D2216-90
Silver, Total.....	mg/kg		ND	2.1	1	N/A	ALT	02/11/00	19:27	6010B\3050A
Arsenic, Total.....	mg/kg		ND	5.2	1	N/A	ALT	02/11/00	19:27	6010B\3050A
Barium, Total.....	mg/kg	9.9		0.52	1	N/A	ALT	02/11/00	19:27	6010B\3050A
Cadmium, Total.....	mg/kg		ND	0.52	1	N/A	ALT	02/11/00	19:27	6010B\3050A
Chromium, Total.....	mg/kg	3.5		1.0	1	N/A	ALT	02/11/00	19:27	6010B\3050A
Mercury, Total.....	mg/kg		ND	0.26	1	N/A	RSS	02/08/00	10:37	7471A\7471A
Lead, Total.....	mg/kg		ND	5.2	1	N/A	ALT	02/11/00	19:27	6010B\3050A
Selenium, Total.....	mg/kg		ND,S	1.0	5	N/A	CRC	02/13/00	11:20	7740

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8081P - Organochlorine Pesticides

Lab Sample ID: L0002129-06
Client Sample ID: DP-076@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/11/00 Time: 06:31

Instrument: HP9
Analyst: ECL
Lab File ID: 9G8766

Method: 8081A\3550B
Run ID: R82782
Batch : WG71921

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
319-84-6	alpha-BHC	ug/kg		ND	1.7	1
319-85-7	beta-BHC	ug/kg		ND	1.7	1
319-86-8	delta-BHC	ug/kg		ND	1.7	1
76-44-8	Heptachlor	ug/kg		ND	1.7	1
309-00-2	Aldrin	ug/kg		ND	1.7	1
1024-57-3	Heptachlor epoxide	ug/kg		ND	1.7	1
959-98-8	Endosulfan I	ug/kg		ND	1.7	1
60-57-1	Dieldrin	ug/kg		ND	3.4	1
72-55-9	4,4'-DDE	ug/kg		ND	3.4	1
72-20-8	Endrin	ug/kg		ND	3.4	1
33213-65-9	Endosulfan II	ug/kg		ND	3.4	1
72-54-8	4,4'-DDD	ug/kg		ND	3.4	1
1031-07-8	Endosulfan sulfate	ug/kg		ND	3.4	1
50-29-3	4,4'-DDT	ug/kg		ND	3.4	1
72-43-5	Methoxychlor	ug/kg		ND	17	1
53494-70-5	Endrin ketone	ug/kg		ND	3.4	1
7421-93-4	Endrin aldehyde	ug/kg		ND	3.4	1
5103-71-9	alpha Chlordane	ug/kg		ND	1.7	1
5103-74-2	gamma Chlordane	ug/kg		ND	1.7	1
8001-35-2	Toxaphene	ug/kg		ND	34	1
58-89-9	gamma-BHC (Lindane)	ug/kg		ND	1.7	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	67.5	(29 - 133%)
Decachlorobiphenyl	99.3	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8082 - PCB

Lab Sample ID: L0002129-06
Client Sample ID: DP-076@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 18:03

Instrument: HP7
Analyst: SMW
Lab File ID: 7G6060R

Method: 8082\3550
Run ID: R82723
Batch : WG71913

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
12674-11-2	Aroclor-1016	ug/kg		ND	17	1
11104-28-2	Aroclor-1221	ug/kg		ND	17	1
11141-16-5	Aroclor-1232	ug/kg		ND	17	1
53469-21-9	Aroclor-1242	ug/kg		ND	17	1
12672-29-6	Aroclor-1248	ug/kg		ND	17	1
11097-69-1	Aroclor-1254	ug/kg		ND	17	1
11096-82-5	Aroclor-1260	ug/kg		ND	17	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	70.8	(29 - 133%)
Decachlorobiphenyl	96.1	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8150-A9 - Appendix IX Herbicides

Lab Sample ID: L0002129-06
Client Sample ID: DP-076@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

CLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 12:54

Instrument: HP1
Analyst: ECL
Lab File ID: 1G1361

Method: 8151A\3550
Run ID: R82684
Batch : WG71954

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
94-75-7	2,4-D.....	ug/kg		ND	210	1
88-85-7	Dinoseb.....	ug/kg		ND	15	1
93-72-1	Silvex.....	ug/kg		ND	42	1
93-76-5	2,4,5-T.....	ug/kg		ND	42	1

SURROGATES- In Percent Recovery:

2,4-Dichlorophenylacetic acid.....	78.7	(51 - 146%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-06
Client Sample ID: DP-076@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

CLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 16:52

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19892

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-95-2	Phenol	ug/kg		ND	170	1
111-44-4	Bis(2-Chloroethyl)ether	ug/kg		ND	170	1
95-57-8	2-Chlorophenol	ug/kg		ND	170	1
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	170	1
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	170	1
100-51-6	Benzyl alcohol	ug/kg		ND	170	1
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	170	1
95-48-7	2-Methylphenol	ug/kg		ND	170	1
108-39-4	3-Methylphenol	ug/kg		ND	170	1
108-60-1	bis(2-Chloroisopropyl)ether	ug/kg		ND	170	1
106-44-5	4-Methylphenol	ug/kg		ND	170	1
621-64-7	N-Nitroso-di-n-propylamine	ug/kg		ND	170	1
67-72-1	Hexachloroethane	ug/kg		ND	170	1
98-95-3	Nitrobenzene	ug/kg		ND	170	1
78-59-1	Isophorone	ug/kg		ND	170	1
88-75-5	2-Nitrophenol	ug/kg		ND	170	1
105-67-9	2,4-Dimethylphenol	ug/kg		ND	170	1
65-85-0	Benzoic acid	ug/kg		ND	860	1
111-91-1	Bis(2-Chloroethoxy)Methane	ug/kg		ND	170	1
120-83-2	2,4-Dichlorophenol	ug/kg		ND	170	1
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	170	1
91-20-3	Naphthalene	ug/kg		ND	170	1
106-47-8	4-Chloroaniline	ug/kg		ND	170	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	170	1
59-50-7	4-Chloro-3-methylphenol	ug/kg		ND	170	1
91-57-6	2-Methylnaphthalene	ug/kg		ND	170	1
77-47-4	Hexachlorocyclopentadiene	ug/kg		ND	170	1
88-06-2	2,4,6-Trichlorophenol	ug/kg		ND	170	1
95-95-4	2,4,5-Trichlorophenol	ug/kg		ND	860	1
91-58-7	2-Chloronaphthalene	ug/kg		ND	170	1
88-74-4	2-Nitroaniline	ug/kg		ND	860	1
131-11-3	Dimethylphthalate	ug/kg		ND	170	1
208-96-8	Acenaphthylene	ug/kg		ND	170	1
606-20-2	2,6-Dinitrotoluene	ug/kg		ND	170	1
99-09-2	3-Nitroaniline	ug/kg		ND	860	1
83-32-9	Acenaphthene	ug/kg		ND	170	1
51-28-5	2,4-Dinitrophenol	ug/kg		ND	860	1
100-02-7	4-Nitrophenol	ug/kg		ND	860	1
132-64-9	Dibenzofuran	ug/kg		ND	170	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-06
Client Sample ID: DP-076@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 16:52

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19892

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
121-14-2	2,4-Dinitrotoluene	ug/kg		ND	170	1
84-66-2	Diethylphthalate	ug/kg		ND	170	1
7005-72-3	4-Chlorophenyl-phenyl ether	ug/kg		ND	170	1
86-73-7	Fluorene	ug/kg		ND	170	1
100-01-6	4-Nitroaniline	ug/kg		ND	860	1
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg		ND	860	1
86-30-6	N-Nitrosodiphenylamine	ug/kg		ND	170	1
101-55-3	4-Bromophenyl-phenylether	ug/kg		ND	170	1
118-74-1	Hexachlorobenzene	ug/kg		ND	170	1
87-86-5	Pentachlorophenol	ug/kg		ND	860	1
85-01-8	Phenanthrene	ug/kg		ND	170	1
120-12-7	Anthracene	ug/kg		ND	170	1
84-74-2	Di-N-Butylphthalate	ug/kg		ND	170	1
206-44-0	Fluoranthene	ug/kg		ND	170	1
129-00-0	Pyrene	ug/kg		ND	170	1
85-68-7	Butylbenzylphthalate	ug/kg		ND	170	1
91-94-1	3,3'-Dichlorobenzidine	ug/kg		ND	340	1
56-55-3	Benzo(a)anthracene	ug/kg		ND	170	1
218-01-9	Chrysene	ug/kg		ND	170	1
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg		ND	170	1
117-84-0	Di-n-octylphthalate	ug/kg		ND	170	1
205-99-2	Benzo(b)fluoranthene	ug/kg		ND	170	1
207-08-9	Benzo(k)fluoranthene	ug/kg		ND	170	1
50-32-8	Benzo(a)pyrene	ug/kg		ND	170	1
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg		ND	170	1
53-70-3	Dibenzo(a,h)Anthracene	ug/kg		ND	170	1
191-24-2	Benzo(g,h,i)Perylene	ug/kg		ND	170	1

SURROGATES- In Percent Recovery:

2-Fluorophenol	41.0	(25 - 121%)
Phenol-d5	40.3	(24 - 113%)
Nitrobenzene-d5	40.0	(23 - 120%)
2-Fluorobiphenyl	42.0	(30 - 115%)
2,4,6-Tribromophenol	54.8	(19 - 122%)
p-Terphenyl-d14	67.9	(18 - 137%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-06
Client Sample ID: DP-076@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 12:00

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18035

Method: 8260A\5030
Run ID: R82843
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg		ND	100	1
71-43-2	Benzene	ug/kg		ND	5.2	1
75-27-4	Bromodichloromethane	ug/kg		ND	5.2	1
75-25-2	Bromoform	ug/kg		ND	5.2	1
74-83-9	Bromomethane	ug/kg		ND	10	1
78-93-3	2-Butanone	ug/kg		ND	100	1
75-15-0	Carbon disulfide	ug/kg		ND	5.2	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5.2	1
108-90-7	Chlorobenzene	ug/kg		ND	5.2	1
75-00-3	Chloroethane	ug/kg		ND	10	1
67-66-3	Chloroform	ug/kg		ND	5.2	1
74-87-3	Chloromethane	ug/kg		ND	10	1
124-48-1	Dibromochloromethane	ug/kg		ND	5.2	1
75-34-3	1,1-Dichloroethane	ug/kg		ND	5.2	1
107-06-2	1,2-Dichloroethane	ug/kg		ND	5.2	1
75-35-4	1,1-Dichloroethene	ug/kg		ND	5.2	1
540-59-0	1,2-Dichloroethene (Total)	ug/kg		ND	5.2	1
78-87-5	1,2-Dichloropropane	ug/kg		ND	5.2	1
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	5.2	1
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	5.2	1
100-41-4	Ethylbenzene	ug/kg		ND	5.2	1
591-78-6	2-Hexanone	ug/kg		ND	10	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	10	1
75-09-2	Methylene chloride	ug/kg		ND	5.2	1
100-42-5	Styrene	ug/kg		ND	5.2	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	5.2	1
127-18-4	Tetrachloroethene	ug/kg	71		5.2	1
108-88-3	Toluene	ug/kg		ND	5.2	1
71-55-6	1,1,1-Trichloroethane	ug/kg		ND	5.2	1
79-00-5	1,1,2-Trichloroethane	ug/kg		ND	5.2	1
79-01-6	Trichloroethene	ug/kg		ND	5.2	1
75-01-4	Vinyl chloride	ug/kg		ND	10	1
95-47-6	o-Xylene	ug/kg		ND	5.2	1
108-38-3	m-Xylene	ug/kg		ND	5.2	1
106-42-3	p-Xylene	ug/kg		ND	5.2	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-06
Client Sample ID: DP-076@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

CLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 12:00

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18035

Method: 8260A\5030
Run ID: R82843
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane.....	103		(80 - 120%)		
	1,2-Dichloroethane-d4.....	103		(80 - 120%)		
	Toluene-d8.....	107		(81 - 117%)		

L = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0002129-07 Matrix: Soil % Solid: 96
lient Sample ID: DP-077@10-12' Collected: 02/02/00 N/A COC Info: 0624/
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS

nalyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
ercent Solids.....	weight %	96		1.0	1	N/A	TMM	02/07/00	11:15	D2216-90
ilver, Total.....	mg/kg		ND	2.1	1	N/A	ALT	02/11/00	19:31	6010B\3050A
rsenic, Total.....	mg/kg		ND	5.2	1	N/A	ALT	02/11/00	19:31	6010B\3050A
arium, Total.....	mg/kg	14		0.52	1	N/A	ALT	02/11/00	19:31	6010B\3050A
admium, Total.....	mg/kg		ND	0.52	1	N/A	ALT	02/11/00	19:31	6010B\3050A
hromium, Total.....	mg/kg	2.5		1.0	1	N/A	ALT	02/11/00	19:31	6010B\3050A
ercury, Total.....	mg/kg		ND	0.26	1	N/A	RSS	02/08/00	10:37	7471A\7471A
ead, Total.....	mg/kg		ND	5.2	1	N/A	ALT	02/11/00	19:31	6010B\3050A
elenium, Total.....	mg/kg		ND,S	2.1	10	N/A	RSS	02/14/00	10:15	7740

L = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8081P - Organochlorine Pesticides

Lab Sample ID: L0002129-07
Client Sample ID: DP-077@10-12'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

CLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/11/00 Time: 06:56

Instrument: HP9
Analyst: ECL
Lab File ID: 9G8767

Method: 8081A\3550B
Run ID: R82782
Batch : WG71921

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
319-84-6	alpha-BHC	ug/kg		ND	1.7	1
319-85-7	beta-BHC	ug/kg		ND	1.7	1
319-86-8	delta-BHC	ug/kg		ND	1.7	1
76-44-8	Heptachlor	ug/kg		ND	1.7	1
309-00-2	Aldrin	ug/kg		ND	1.7	1
1024-57-3	Heptachlor epoxide	ug/kg		ND	1.7	1
959-98-8	Endosulfan I	ug/kg		ND	1.7	1
60-57-1	Dieldrin	ug/kg		ND	3.4	1
72-55-9	4,4'-DDE	ug/kg		ND	3.4	1
72-20-8	Endrin	ug/kg		ND	3.4	1
33213-65-9	Endosulfan II	ug/kg		ND	3.4	1
72-54-8	4,4'-DDD	ug/kg		ND	3.4	1
1031-07-8	Endosulfan sulfate	ug/kg		ND	3.4	1
50-29-3	4,4'-DDT	ug/kg		ND	3.4	1
72-43-5	Methoxychlor	ug/kg		ND	17	1
53494-70-5	Endrin ketone	ug/kg		ND	3.4	1
7421-93-4	Endrin aldehyde	ug/kg		ND	3.4	1
5103-71-9	alpha Chlordane	ug/kg		ND	1.7	1
5103-74-2	gamma Chlordane	ug/kg		ND	1.7	1
8001-35-2	Toxaphene	ug/kg		ND	34	1
58-89-9	gamma-BHC (Lindane)	ug/kg		ND	1.7	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	76.3	(29 - 133%)
Decachlorobiphenyl	103	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8082 - PCB

Lab Sample ID: L0002129-07
Client Sample ID: DP-077@10-12'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

CLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 18:29

Instrument: HP7
Analyst: SMW
Lab File ID: 7G6061R

Method: 8082\3550
Run ID: R82723
Batch : WG71913

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
12674-11-2	Aroclor-1016	ug/kg		ND	17	1
11104-28-2	Aroclor-1221	ug/kg		ND	17	1
11141-16-5	Aroclor-1232	ug/kg		ND	17	1
53469-21-9	Aroclor-1242	ug/kg		ND	17	1
12672-29-6	Aroclor-1248	ug/kg		ND	17	1
11097-69-1	Aroclor-1254	ug/kg		ND	17	1
11096-82-5	Aroclor-1260	ug/kg		ND	17	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	68.6	(29 - 133%)
Decachlorobiphenyl	90.4	(30 - 173%)

L = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8150-A9 - Appendix IX Herbicides

Lab Sample ID: L0002129-07
Client Sample ID: DP-077@10-12'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 13:41

Instrument: HP1
Analyst: ECL
Lab File ID: 1G1363

Method: 8151A\3550
Run ID: R82684
Batch : WG71954

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
94-75-7	2,4-D.....	ug/kg		ND	210	1
88-85-7	Dinoseb.....	ug/kg		ND	15	1
93-72-1	Silvex.....	ug/kg		ND	42	1
93-76-5	2,4,5-T.....	ug/kg		ND	42	1

SURROGATES- In Percent Recovery:

2,4-Dichlorophenylacetic acid.....	39.6	*	(51 - 146%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-07
Client Sample ID: DP-077@10-12'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 17:29

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19893

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-95-2	Phenol	ug/kg		ND	170	1
111-44-4	Bis(2-Chloroethyl)ether	ug/kg		ND	170	1
95-57-8	2-Chlorophenol	ug/kg		ND	170	1
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	170	1
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	170	1
100-51-6	Benzyl alcohol	ug/kg		ND	170	1
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	170	1
95-48-7	2-Methylphenol	ug/kg		ND	170	1
108-39-4	3-Methylphenol	ug/kg		ND	170	1
108-60-1	bis(2-Chloroisopropyl)ether	ug/kg		ND	170	1
106-44-5	4-Methylphenol	ug/kg		ND	170	1
621-64-7	N-Nitroso-di-n-propylamine	ug/kg		ND	170	1
67-72-1	Hexachloroethane	ug/kg		ND	170	1
98-95-3	Nitrobenzene	ug/kg		ND	170	1
78-59-1	Isophorone	ug/kg		ND	170	1
88-75-5	2-Nitrophenol	ug/kg		ND	170	1
105-67-9	2,4-Dimethylphenol	ug/kg		ND	170	1
65-85-0	Benzoic acid	ug/kg		ND	860	1
111-91-1	Bis(2-Chloroethoxy)Methane	ug/kg		ND	170	1
120-83-2	2,4-Dichlorophenol	ug/kg		ND	170	1
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	170	1
91-20-3	Naphthalene	ug/kg		ND	170	1
106-47-8	4-Chloroaniline	ug/kg		ND	170	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	170	1
59-50-7	4-Chloro-3-methylphenol	ug/kg		ND	170	1
91-57-6	2-Methylnaphthalene	ug/kg		ND	170	1
77-47-4	Hexachlorocyclopentadiene	ug/kg		ND	170	1
88-06-2	2,4,6-Trichlorophenol	ug/kg		ND	170	1
95-95-4	2,4,5-Trichlorophenol	ug/kg		ND	860	1
91-58-7	2-Chloronaphthalene	ug/kg		ND	170	1
88-74-4	2-Nitroaniline	ug/kg		ND	860	1
131-11-3	Dimethylphthalate	ug/kg		ND	170	1
208-96-8	Acenaphthylene	ug/kg		ND	170	1
606-20-2	2,6-Dinitrotoluene	ug/kg		ND	170	1
99-09-2	3-Nitroaniline	ug/kg		ND	860	1
83-32-9	Acenaphthene	ug/kg		ND	170	1
51-28-5	2,4-Dinitrophenol	ug/kg		ND	860	1
100-02-7	4-Nitrophenol	ug/kg		ND	860	1
132-64-9	Dibenzofuran	ug/kg		ND	170	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-07
Client Sample ID: DP-077@10-12'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 17:29

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19893

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
121-14-2	2,4-Dinitrotoluene	ug/kg		ND	170	1
84-66-2	Diethylphthalate	ug/kg		ND	170	1
7005-72-3	4-Chlorophenyl-phenyl ether	ug/kg		ND	170	1
86-73-7	Fluorene	ug/kg		ND	170	1
100-01-6	4-Nitroaniline	ug/kg		ND	860	1
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg		ND	860	1
86-30-6	N-Nitrosodiphenylamine	ug/kg		ND	170	1
101-55-3	4-Bromophenyl-phenylether	ug/kg		ND	170	1
118-74-1	Hexachlorobenzene	ug/kg		ND	170	1
87-86-5	Pentachlorophenol	ug/kg		ND	860	1
85-01-8	Phenanthrene	ug/kg		ND	170	1
120-12-7	Anthracene	ug/kg		ND	170	1
84-74-2	Di-N-Butylphthalate	ug/kg		ND	170	1
206-44-0	Fluoranthene	ug/kg		ND	170	1
129-00-0	Pyrene	ug/kg		ND	170	1
85-68-7	Butylbenzylphthalate	ug/kg		ND	170	1
91-94-1	3,3'-Dichlorobenzidine	ug/kg		ND	340	1
56-55-3	Benzo(a)anthracene	ug/kg		ND	170	1
218-01-9	Chrysene	ug/kg		ND	170	1
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg		ND	170	1
117-84-0	Di-n-octylphthalate	ug/kg		ND	170	1
205-99-2	Benzo(b)fluoranthene	ug/kg		ND	170	1
207-08-9	Benzo(k)fluoranthene	ug/kg		ND	170	1
50-32-8	Benzo(a)pyrene	ug/kg		ND	170	1
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg		ND	170	1
53-70-3	Dibenzo(a,h)Anthracene	ug/kg		ND	170	1
191-24-2	Benzo(g,h,i)Perylene	ug/kg		ND	170	1

SURROGATES- In Percent Recovery:

2-Fluorophenol	43.9	(25 - 121%)
Phenol-d5	43.4	(24 - 113%)
Nitrobenzene-d5	42.8	(23 - 120%)
2-Fluorobiphenyl	45.1	(30 - 115%)
2,4,6-Tribromophenol	54.7	(19 - 122%)
p-Terphenyl-d14	71.7	(18 - 137%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-07
Client Sample ID: DP-077@10-12'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 13:37

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18038

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg		ND	100	1
71-43-2	Benzene	ug/kg		ND	5.2	1
75-27-4	Bromodichloromethane	ug/kg		ND	5.2	1
75-25-2	Bromoform	ug/kg		ND	5.2	1
74-83-9	Bromomethane	ug/kg		ND	10	1
78-93-3	2-Butanone	ug/kg		ND	100	1
75-15-0	Carbon disulfide	ug/kg		ND	5.2	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5.2	1
108-90-7	Chlorobenzene	ug/kg		ND	5.2	1
75-00-3	Chloroethane	ug/kg		ND	10	1
67-66-3	Chloroform	ug/kg		ND	5.2	1
74-87-3	Chloromethane	ug/kg		ND	10	1
124-48-1	Dibromochloromethane	ug/kg		ND	5.2	1
75-34-3	1,1-Dichloroethane	ug/kg		ND	5.2	1
107-06-2	1,2-Dichloroethane	ug/kg		ND	5.2	1
75-35-4	1,1-Dichloroethene	ug/kg		ND	5.2	1
540-59-0	1,2-Dichloroethene (Total)	ug/kg		ND	5.2	1
78-87-5	1,2-Dichloropropane	ug/kg		ND	5.2	1
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	5.2	1
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	5.2	1
100-41-4	Ethylbenzene	ug/kg		ND	5.2	1
591-78-6	2-Hexanone	ug/kg		ND	10	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	10	1
75-09-2	Methylene chloride	ug/kg		ND	5.2	1
100-42-5	Styrene	ug/kg		ND	5.2	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	5.2	1
127-18-4	Tetrachloroethene	ug/kg	76		5.2	1
108-88-3	Toluene	ug/kg		ND	5.2	1
71-55-6	1,1,1-Trichloroethane	ug/kg		ND	5.2	1
79-00-5	1,1,2-Trichloroethane	ug/kg		ND	5.2	1
79-01-6	Trichloroethene	ug/kg		ND	5.2	1
75-01-4	Vinyl chloride	ug/kg		ND	10	1
95-47-6	o-Xylene	ug/kg		ND	5.2	1
108-38-3	m-Xylene	ug/kg		ND	5.2	1
106-42-3	p-Xylene	ug/kg		ND	5.2	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-07
Client Sample ID: DP-077@10-12'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 13:37

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18038

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane.....	101		(80 - 120%)		
	1,2-Dichloroethane-d4.....	103		(80 - 120%)		
	Toluene-d8.....	106		(81 - 117%)		

RL = Reporting Limit

Login #L0002129
February 16, 2000 01:39 pm

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0002129-08
Client Sample ID: DP-077@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS

Matrix: Soil
Collected: 02/02/00 N/A

% Solid: 96
COC Info: 0624/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	96		1.0	1	N/A	TMM	02/07/00	11:15	D2216-90
Silver, Total.....	mg/kg		ND	2.1	1	N/A	ALT	02/11/00	19:35	6010B\3050A
Arsenic, Total.....	mg/kg		ND	5.2	1	N/A	ALT	02/11/00	19:35	6010B\3050A
Barium, Total.....	mg/kg	8.5		0.52	1	N/A	ALT	02/11/00	19:35	6010B\3050A
Cadmium, Total.....	mg/kg		ND	0.52	1	N/A	ALT	02/11/00	19:35	6010B\3050A
Chromium, Total.....	mg/kg	5.9		1.0	1	N/A	ALT	02/11/00	19:35	6010B\3050A
Mercury, Total.....	mg/kg		ND	0.26	1	N/A	RSS	02/08/00	10:37	7471A\7471A
Lead, Total.....	mg/kg		ND	5.2	1	N/A	ALT	02/11/00	19:35	6010B\3050A
Selenium, Total.....	mg/kg		ND,S	21	100	N/A	RSS	02/14/00	10:15	7740

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8081P - Organochlorine Pesticides

Lab Sample ID: L0002129-08
Client Sample ID: DP-077@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/11/00 Time: 07:20

Instrument: HP9
Analyst: ECL
Lab File ID: 9G8768

Method: 8081A\3550B
Run ID: R82782
Batch : WG71921

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
319-84-6	alpha-BHC	ug/kg		ND	1.7	1
319-85-7	beta-BHC	ug/kg		ND	1.7	1
319-86-8	delta-BHC	ug/kg		ND	1.7	1
76-44-8	Heptachlor	ug/kg		ND	1.7	1
309-00-2	Aldrin	ug/kg		ND	1.7	1
1024-57-3	Heptachlor epoxide	ug/kg		ND	1.7	1
959-98-8	Endosulfan I	ug/kg		ND	1.7	1
60-57-1	Dieldrin	ug/kg		ND	3.4	1
72-55-9	4,4'-DDE	ug/kg		ND	3.4	1
72-20-8	Endrin	ug/kg		ND	3.4	1
33213-65-9	Endosulfan II	ug/kg		ND	3.4	1
72-54-8	4,4'-DDD	ug/kg		ND	3.4	1
1031-07-8	Endosulfan sulfate	ug/kg		ND	3.4	1
50-29-3	4,4'-DDT	ug/kg		ND	3.4	1
72-43-5	Methoxychlor	ug/kg		ND	17	1
53494-70-5	Endrin ketone	ug/kg		ND	3.4	1
7421-93-4	Endrin aldehyde	ug/kg		ND	3.4	1
5103-71-9	alpha Chlordane	ug/kg		ND	1.7	1
5103-74-2	gamma Chlordane	ug/kg		ND	1.7	1
8001-35-2	Toxaphene	ug/kg		ND	34	1
58-89-9	gamma-BHC (Lindane)	ug/kg		ND	1.7	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	84.5	(29 - 133%)
Decachlorobiphenyl	112	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8082 - PCB

Lab Sample ID: L0002129-08
Client Sample ID: DP-077@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 18:55

Instrument: HP7
Analyst: SMW
Lab File ID: 7G6062R

Method: 8082\3550
Run ID: R82723
Batch : WG71913

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
12674-11-2	Aroclor-1016	ug/kg		ND	17	1
11104-28-2	Aroclor-1221	ug/kg		ND	17	1
11141-16-5	Aroclor-1232	ug/kg		ND	17	1
53469-21-9	Aroclor-1242	ug/kg		ND	17	1
12672-29-6	Aroclor-1248	ug/kg		ND	17	1
11097-69-1	Aroclor-1254	ug/kg		ND	17	1
11096-82-5	Aroclor-1260	ug/kg		ND	17	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	85.0	(29 - 133%)
Decachlorobiphenyl	108	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8150-A9 - Appendix IX Herbicides

Lab Sample ID: L0002129-08
Client Sample ID: DP-077@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 14:04

Instrument: HP1
Analyst: ECL
Lab File ID: 1G1364

Method: 8151A\3550
Run ID: R82684
Batch : WG71954

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
94-75-7	2,4-D.....	ug/kg		ND	210	1
88-85-7	Dinoseb.....	ug/kg		ND	15	1
93-72-1	Silvex.....	ug/kg		ND	42	1
93-76-5	2,4,5-T.....	ug/kg		ND	42	1

SURROGATES- In Percent Recovery:

2,4-Dichlorophenylacetic acid..... 46.7 * (51 - 146%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-08
Client Sample ID: DP-077@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 18:06

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19894

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-95-2	Phenol	ug/kg		ND	170	1
111-44-4	Bis(2-Chloroethyl)ether	ug/kg		ND	170	1
95-57-8	2-Chlorophenol	ug/kg		ND	170	1
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	170	1
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	170	1
100-51-6	Benzyl alcohol	ug/kg		ND	170	1
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	170	1
95-48-7	2-Methylphenol	ug/kg		ND	170	1
108-39-4	3-Methylphenol	ug/kg		ND	170	1
108-60-1	bis(2-Chloroisopropyl)ether	ug/kg		ND	170	1
106-44-5	4-Methylphenol	ug/kg		ND	170	1
621-64-7	N-Nitroso-di-n-propylamine	ug/kg		ND	170	1
67-72-1	Hexachloroethane	ug/kg		ND	170	1
98-95-3	Nitrobenzene	ug/kg		ND	170	1
78-59-1	Isophorone	ug/kg		ND	170	1
88-75-5	2-Nitrophenol	ug/kg		ND	170	1
105-67-9	2,4-Dimethylphenol	ug/kg		ND	170	1
65-85-0	Benzoic acid	ug/kg		ND	860	1
111-91-1	Bis(2-Chloroethoxy)Methane	ug/kg		ND	170	1
120-83-2	2,4-Dichlorophenol	ug/kg		ND	170	1
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	170	1
91-20-3	Naphthalene	ug/kg		ND	170	1
106-47-8	4-Chloroaniline	ug/kg		ND	170	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	170	1
59-50-7	4-Chloro-3-methylphenol	ug/kg		ND	170	1
91-57-6	2-Methylnaphthalene	ug/kg		ND	170	1
77-47-4	Hexachlorocyclopentadiene	ug/kg		ND	170	1
88-06-2	2,4,6-Trichlorophenol	ug/kg		ND	170	1
95-95-4	2,4,5-Trichlorophenol	ug/kg		ND	860	1
91-58-7	2-Chloronaphthalene	ug/kg		ND	170	1
88-74-4	2-Nitroaniline	ug/kg		ND	860	1
131-11-3	Dimethylphthalate	ug/kg		ND	170	1
208-96-8	Acenaphthylene	ug/kg		ND	170	1
606-20-2	2,6-Dinitrotoluene	ug/kg		ND	170	1
99-09-2	3-Nitroaniline	ug/kg		ND	860	1
83-32-9	Acenaphthene	ug/kg		ND	170	1
51-28-5	2,4-Dinitrophenol	ug/kg		ND	860	1
100-02-7	4-Nitrophenol	ug/kg		ND	860	1
132-64-9	Dibenzofuran	ug/kg		ND	170	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-08
Client Sample ID: DP-077@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 18:06

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19894

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
121-14-2	2,4-Dinitrotoluene	ug/kg		ND	170	1
84-66-2	Diethylphthalate	ug/kg		ND	170	1
7005-72-3	4-Chlorophenyl-phenyl ether	ug/kg		ND	170	1
86-73-7	Fluorene	ug/kg		ND	170	1
100-01-6	4-Nitroaniline	ug/kg		ND	860	1
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg		ND	860	1
86-30-6	N-Nitrosodiphenylamine	ug/kg		ND	170	1
101-55-3	4-Bromophenyl-phenylether	ug/kg		ND	170	1
118-74-1	Hexachlorobenzene	ug/kg		ND	170	1
87-86-5	Pentachlorophenol	ug/kg		ND	860	1
85-01-8	Phenanthrene	ug/kg		ND	170	1
120-12-7	Anthracene	ug/kg		ND	170	1
84-74-2	Di-N-Butylphthalate	ug/kg		ND	170	1
206-44-0	Fluoranthene	ug/kg		ND	170	1
129-00-0	Pyrene	ug/kg		ND	170	1
85-68-7	Butylbenzylphthalate	ug/kg		ND	170	1
91-94-1	3,3'-Dichlorobenzidine	ug/kg		ND	340	1
56-55-3	Benzo(a)anthracene	ug/kg		ND	170	1
218-01-9	Chrysene	ug/kg		ND	170	1
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg		ND	170	1
117-84-0	Di-n-octylphthalate	ug/kg		ND	170	1
205-99-2	Benzo(b)fluoranthene	ug/kg		ND	170	1
207-08-9	Benzo(k)fluoranthene	ug/kg		ND	170	1
50-32-8	Benzo(a)pyrene	ug/kg		ND	170	1
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg		ND	170	1
53-70-3	Dibenzo(a,h)Anthracene	ug/kg		ND	170	1
191-24-2	Benzo(g,h,i)Perylene	ug/kg		ND	170	1

SURROGATES- In Percent Recovery:

2-Fluorophenol	53.4	(25 - 121%)
Phenol-d5	53.8	(24 - 113%)
Nitrobenzene-d5	53.1	(23 - 120%)
2-Fluorobiphenyl	57.0	(30 - 115%)
2,4,6-Tribromophenol	61.3	(19 - 122%)
p-Terphenyl-d14	76.4	(18 - 137%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-08
Client Sample ID: DP-077@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 14:10

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18039

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg		ND	100	1
71-43-2	Benzene	ug/kg		ND	5.2	1
75-27-4	Bromodichloromethane	ug/kg		ND	5.2	1
75-25-2	Bromoform	ug/kg		ND	5.2	1
74-83-9	Bromomethane	ug/kg		ND	10	1
78-93-3	2-Butanone	ug/kg		ND	100	1
75-15-0	Carbon disulfide	ug/kg		ND	5.2	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5.2	1
108-90-7	Chlorobenzene	ug/kg		ND	5.2	1
75-00-3	Chloroethane	ug/kg		ND	10	1
67-66-3	Chloroform	ug/kg		ND	5.2	1
74-87-3	Chloromethane	ug/kg		ND	10	1
124-48-1	Dibromochloromethane	ug/kg		ND	5.2	1
75-34-3	1,1-Dichloroethane	ug/kg		ND	5.2	1
107-06-2	1,2-Dichloroethane	ug/kg		ND	5.2	1
75-35-4	1,1-Dichloroethene	ug/kg		ND	5.2	1
540-59-0	1,2-Dichloroethene (Total)	ug/kg		ND	5.2	1
78-87-5	1,2-Dichloropropane	ug/kg		ND	5.2	1
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	5.2	1
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	5.2	1
100-41-4	Ethylbenzene	ug/kg		ND	5.2	1
591-78-6	2-Hexanone	ug/kg		ND	10	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	10	1
75-09-2	Methylene chloride	ug/kg		ND	5.2	1
100-42-5	Styrene	ug/kg		ND	5.2	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	5.2	1
127-18-4	Tetrachloroethene	ug/kg	200		5.2	1
108-88-3	Toluene	ug/kg		ND	5.2	1
71-55-6	1,1,1-Trichloroethane	ug/kg		ND	5.2	1
79-00-5	1,1,2-Trichloroethane	ug/kg		ND	5.2	1
79-01-6	Trichloroethene	ug/kg		ND	5.2	1
75-01-4	Vinyl chloride	ug/kg		ND	10	1
95-47-6	o-Xylene	ug/kg		ND	5.2	1
108-38-3	m-Xylene	ug/kg		ND	5.2	1
106-42-3	p-Xylene	ug/kg		ND	5.2	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-08
Client Sample ID: DP-077@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 14:10

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18039

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane.....		99.6	(80 - 120%)		
	1,2-Dichloroethane-d4.....		101	(80 - 120%)		
	Toluene-d8.....		104	(81 - 117%)		

RL = Reporting Limit

Login #L0002129
February 16, 2000 01:39 pm

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0002129-09
Client Sample ID: DP-078@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS

Matrix: Soil
Collected: 02/02/00 N/A

% Solid: 96
COC Info: 0624/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Corrosivity pH.....	UNITS	9.66			1	N/A	DIH	02/07/00	15:35	9045
Ignitability.....	Degrees C	95	>		1	N/A	JWR	02/07/00	10:00	1010
Percent Solids.....	weight %	96		1.0	1	N/A	TMM	02/07/00	11:15	D2216-90
Reactivity, Cyanide.....	mg/kg		ND	10	1	N/A	JCR	02/10/00	16:15	SW-846
Reactivity, Sulfide.....	mg/kg		ND	100	1	N/A	JCR	02/10/00	13:05	SW-846
Silver, Total.....	mg/kg		ND	2.1	1	N/A	ALT	02/11/00	19:39	6010B\3050A
Arsenic, Total.....	mg/kg	15		5.2	1	N/A	ALT	02/11/00	19:39	6010B\3050A
Barium, Total.....	mg/kg	9.5		0.52	1	N/A	ALT	02/11/00	19:39	6010B\3050A
Cadmium, Total.....	mg/kg		ND	0.52	1	N/A	ALT	02/11/00	19:39	6010B\3050A
Chromium, Total.....	mg/kg	6.8		1.0	1	N/A	ALT	02/11/00	19:39	6010B\3050A
Mercury, Total.....	mg/kg		ND	0.26	1	N/A	RSS	02/08/00	10:37	7471A\7471A
Lead, Total.....	mg/kg	5.5		5.2	1	N/A	ALT	02/11/00	19:39	6010B\3050A
Selenium, Total.....	mg/kg		ND,S	2.1	10	N/A	RSS	02/14/00	10:15	7740

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8081P - Organochlorine Pesticides

Lab Sample ID: L0002129-09
Client Sample ID: DP-078@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/11/00 Time: 07:45

Instrument: HP9
Analyst: ECL
Lab File ID: 9G8769

Method: 8081A\3550B
Run ID: R82782
Batch : WG71921

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
319-84-6	alpha-BHC	ug/kg		ND	1.7	1
319-85-7	beta-BHC	ug/kg		ND	1.7	1
319-86-8	delta-BHC	ug/kg		ND	1.7	1
76-44-8	Heptachlor	ug/kg		ND	1.7	1
309-00-2	Aldrin	ug/kg		ND	1.7	1
1024-57-3	Heptachlor epoxide	ug/kg		ND	1.7	1
959-98-8	Endosulfan I	ug/kg		ND	1.7	1
60-57-1	Dieldrin	ug/kg		ND	3.4	1
72-55-9	4,4'-DDE	ug/kg		ND	3.4	1
72-20-8	Endrin	ug/kg		ND	3.4	1
33213-65-9	Endosulfan II	ug/kg		ND	3.4	1
72-54-8	4,4'-DDD	ug/kg		ND	3.4	1
1031-07-8	Endosulfan sulfate	ug/kg		ND	3.4	1
50-29-3	4,4'-DDT	ug/kg		ND	3.4	1
72-43-5	Methoxychlor	ug/kg		ND	17	1
53494-70-5	Endrin ketone	ug/kg		ND	3.4	1
7421-93-4	Endrin aldehyde	ug/kg		ND	3.4	1
5103-71-9	alpha Chlordane	ug/kg		ND	1.7	1
5103-74-2	gamma Chlordane	ug/kg		ND	1.7	1
8001-35-2	Toxaphene	ug/kg		ND	34	1
58-89-9	gamma-BHC (Lindane)	ug/kg		ND	1.7	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	92.9	(29 - 133%)
Decachlorobiphenyl	116	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8082 - PCB

Lab Sample ID: L0002129-09
Client Sample ID: DP-078@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 19:21

Instrument: HP7
Analyst: SMW
Lab File ID: 7G6063R

Method: 8082\3550
Run ID: R82723
Batch : WG71913

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
12674-11-2	Aroclor-1016	ug/kg		ND	17	1
11104-28-2	Aroclor-1221	ug/kg		ND	17	1
11141-16-5	Aroclor-1232	ug/kg		ND	17	1
53469-21-9	Aroclor-1242	ug/kg		ND	17	1
12672-29-6	Aroclor-1248	ug/kg		ND	17	1
11097-69-1	Aroclor-1254	ug/kg		ND	17	1
11096-82-5	Aroclor-1260	ug/kg		ND	17	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	81.5	(29 - 133%)
Decachlorobiphenyl	103	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8150-A9 - Appendix IX Herbicides

Lab Sample ID: L0002129-09
Client Sample ID: DP-078@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 14:27

Instrument: HP1
Analyst: ECL
Lab File ID: 1G1365

Method: 8151A\3550
Run ID: R82684
Batch : WG71954

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
94-75-7	2,4-D.....	ug/kg		ND	210	1
88-85-7	Dinoseb.....	ug/kg		ND	15	1
93-72-1	Silvex.....	ug/kg		ND	42	1
93-76-5	2,4,5-T.....	ug/kg		ND	42	1

SURROGATES- In Percent Recovery:

2,4-Dichlorophenylacetic acid.....	104	(51 - 146%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-09
Client Sample ID: DP-078@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 18:43

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19895

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-95-2	Phenol	ug/kg		ND	170	1
111-44-4	Bis(2-Chloroethyl)ether	ug/kg		ND	170	1
95-57-8	2-Chlorophenol	ug/kg		ND	170	1
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	170	1
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	170	1
100-51-6	Benzyl alcohol	ug/kg		ND	170	1
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	170	1
95-48-7	2-Methylphenol	ug/kg		ND	170	1
108-39-4	3-Methylphenol	ug/kg		ND	170	1
108-60-1	bis(2-Chloroisopropyl)ether	ug/kg		ND	170	1
106-44-5	4-Methylphenol	ug/kg		ND	170	1
621-64-7	N-Nitroso-di-n-propylamine	ug/kg		ND	170	1
67-72-1	Hexachloroethane	ug/kg		ND	170	1
98-95-3	Nitrobenzene	ug/kg		ND	170	1
78-59-1	Isophorone	ug/kg		ND	170	1
88-75-5	2-Nitrophenol	ug/kg		ND	170	1
105-67-9	2,4-Dimethylphenol	ug/kg		ND	170	1
65-85-0	Benzoic acid	ug/kg		ND	860	1
111-91-1	Bis(2-Chloroethoxy)Methane	ug/kg		ND	170	1
120-83-2	2,4-Dichlorophenol	ug/kg		ND	170	1
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	170	1
91-20-3	Naphthalene	ug/kg		ND	170	1
106-47-8	4-Chloroaniline	ug/kg		ND	170	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	170	1
59-50-7	4-Chloro-3-methylphenol	ug/kg		ND	170	1
91-57-6	2-Methylnaphthalene	ug/kg		ND	170	1
77-47-4	Hexachlorocyclopentadiene	ug/kg		ND	170	1
88-06-2	2,4,6-Trichlorophenol	ug/kg		ND	170	1
95-95-4	2,4,5-Trichlorophenol	ug/kg		ND	860	1
91-58-7	2-Chloronaphthalene	ug/kg		ND	170	1
88-74-4	2-Nitroaniline	ug/kg		ND	860	1
131-11-3	Dimethylphthalate	ug/kg		ND	170	1
208-96-8	Acenaphthylene	ug/kg		ND	170	1
606-20-2	2,6-Dinitrotoluene	ug/kg		ND	170	1
99-09-2	3-Nitroaniline	ug/kg		ND	860	1
83-32-9	Acenaphthene	ug/kg		ND	170	1
51-28-5	2,4-Dinitrophenol	ug/kg		ND	860	1
100-02-7	4-Nitrophenol	ug/kg		ND	860	1
132-64-9	Dibenzofuran	ug/kg		ND	170	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-09
Client Sample ID: DP-078@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 18:43

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19895

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
121-14-2	2,4-Dinitrotoluene	ug/kg		ND	170	1
84-66-2	Diethylphthalate	ug/kg		ND	170	1
7005-72-3	4-Chlorophenyl-phenyl ether	ug/kg		ND	170	1
86-73-7	Fluorene	ug/kg		ND	170	1
100-01-6	4-Nitroaniline	ug/kg		ND	860	1
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg		ND	860	1
86-30-6	N-Nitrosodiphenylamine	ug/kg		ND	170	1
101-55-3	4-Bromophenyl-phenylether	ug/kg		ND	170	1
118-74-1	Hexachlorobenzene	ug/kg		ND	170	1
87-86-5	Pentachlorophenol	ug/kg		ND	860	1
85-01-8	Phenanthrene	ug/kg		ND	170	1
120-12-7	Anthracene	ug/kg		ND	170	1
84-74-2	Di-N-Butylphthalate	ug/kg		ND	170	1
206-44-0	Fluoranthene	ug/kg		ND	170	1
129-00-0	Pyrene	ug/kg		ND	170	1
85-68-7	Butylbenzylphthalate	ug/kg		ND	170	1
91-94-1	3,3'-Dichlorobenzidine	ug/kg		ND	340	1
56-55-3	Benzo(a)anthracene	ug/kg		ND	170	1
218-01-9	Chrysene	ug/kg		ND	170	1
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg		ND	170	1
117-84-0	Di-n-octylphthalate	ug/kg		ND	170	1
205-99-2	Benzo(b)fluoranthene	ug/kg		ND	170	1
207-08-9	Benzo(k)fluoranthene	ug/kg		ND	170	1
50-32-8	Benzo(a)pyrene	ug/kg		ND	170	1
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg		ND	170	1
53-70-3	Dibenzo(a,h)Anthracene	ug/kg		ND	170	1
191-24-2	Benzo(g,h,i)Perylene	ug/kg		ND	170	1

SURROGATES- In Percent Recovery:

2-Fluorophenol	48.4	(25 - 121%)
Phenol-d5	48.6	(24 - 113%)
Nitrobenzene-d5	47.3	(23 - 120%)
2-Fluorobiphenyl	50.6	(30 - 115%)
2,4,6-Tribromophenol	54.0	(19 - 122%)
p-Terphenyl-d14	72.9	(18 - 137%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-09
Client Sample ID: DP-078@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 14:42

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18040

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg		ND	100	1
71-43-2	Benzene	ug/kg		ND	5.2	1
75-27-4	Bromodichloromethane	ug/kg		ND	5.2	1
75-25-2	Bromoform	ug/kg		ND	5.2	1
74-83-9	Bromomethane	ug/kg		ND	10	1
78-93-3	2-Butanone	ug/kg		ND	100	1
75-15-0	Carbon disulfide	ug/kg		ND	5.2	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5.2	1
108-90-7	Chlorobenzene	ug/kg		ND	5.2	1
75-00-3	Chloroethane	ug/kg		ND	10	1
67-66-3	Chloroform	ug/kg		ND	5.2	1
74-87-3	Chloromethane	ug/kg		ND	10	1
124-48-1	Dibromochloromethane	ug/kg		ND	5.2	1
75-34-3	1,1-Dichloroethane	ug/kg		ND	5.2	1
107-06-2	1,2-Dichloroethane	ug/kg		ND	5.2	1
75-35-4	1,1-Dichloroethene	ug/kg		ND	5.2	1
540-59-0	1,2-Dichloroethene (Total)	ug/kg		ND	5.2	1
78-87-5	1,2-Dichloropropane	ug/kg		ND	5.2	1
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	5.2	1
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	5.2	1
100-41-4	Ethylbenzene	ug/kg		ND	5.2	1
591-78-6	2-Hexanone	ug/kg		ND	10	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	10	1
75-09-2	Methylene chloride	ug/kg		ND	5.2	1
100-42-5	Styrene	ug/kg		ND	5.2	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	5.2	1
127-18-4	Tetrachloroethene	ug/kg	13		5.2	1
108-88-3	Toluene	ug/kg		ND	5.2	1
71-55-6	1,1,1-Trichloroethane	ug/kg		ND	5.2	1
79-00-5	1,1,2-Trichloroethane	ug/kg		ND	5.2	1
79-01-6	Trichloroethene	ug/kg		ND	5.2	1
75-01-4	Vinyl chloride	ug/kg		ND	10	1
95-47-6	o-Xylene	ug/kg		ND	5.2	1
108-38-3	m-Xylene	ug/kg		ND	5.2	1
106-42-3	p-Xylene	ug/kg		ND	5.2	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-09
Client Sample ID: DP-078@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 14:42

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18040

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane.....	101		(80 - 120%)		
	1,2-Dichloroethane-d4.....	104		(80 - 120%)		
	Toluene-d8.....	105		(81 - 117%)		

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID: L0002129-10
Client Sample ID: DPT020200/KL558
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Water

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/13/00 Time: 19:48

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M33718

Method: 8260B
Run ID: R82830
Batch : WG72183

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L		ND	100	1
71-43-2	Benzene	ug/L		ND	5.0	1
75-27-4	Bromodichloromethane	ug/L		ND	5.0	1
75-25-2	Bromoform	ug/L		ND	5.0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L		ND	100	1
75-15-0	Carbon disulfide	ug/L		ND	5.0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5.0	1
108-90-7	Chlorobenzene	ug/L		ND	5.0	1
75-00-3	Chloroethane	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5.0	1
74-87-3	Chloromethane	ug/L		ND	10	1
124-48-1	Dibromochloromethane	ug/L		ND	5.0	1
75-34-3	1,1-Dichloroethane	ug/L		ND	5.0	1
107-06-2	1,2-Dichloroethane	ug/L		ND	5.0	1
75-35-4	1,1-Dichloroethene	ug/L		ND	5.0	1
540-59-0	1,2-Dichloroethene (total)	ug/L		ND	5.0	1
78-87-5	1,2-Dichloropropane	ug/L		ND	5.0	1
10061-01-5	cis-1,3-Dichloropropene	ug/L		ND	5.0	1
10061-02-6	trans-1,3-Dichloropropene	ug/L		ND	5.0	1
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
591-78-6	2-Hexanone	ug/L		ND	10	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
630-20-6	1,1,1,2-Tetrachloroethane	ug/L		ND	5.0	1
127-18-4	Tetrachloroethene	ug/L		ND	5.0	1
108-88-3	Toluene	ug/L		ND	5.0	1
71-55-6	1,1,1-Trichloroethane	ug/L		ND	5.0	1
79-00-5	1,1,2-Trichloroethane	ug/L		ND	5.0	1
79-01-6	Trichloroethene	ug/L		ND	5.0	1
75-01-4	Vinyl chloride	ug/L		ND	2.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID: L0002129-10
Client Sample ID: DPT020200/KL558
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Water

Dil. Type: N/A
COC Info: 0624/
Date Collected: 02/02/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/13/00 Time: 19:48

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M33718

Method: 8260B
Run ID: R82830
Batch : WG72183

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane.....	98.2		(86 - 118%)		
	1,2-Dichloroethane-d4.....	99.4		(80 - 120%)		
	Toluene-d8.....	96.0		(53 - 142%)		
	p-Bromofluorobenzene.....	97.5		(88 - 110%)		

RL = Reporting Limit

Login #L0002129
February 16, 2000 01:39 pm

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0002129-11
Client Sample ID: DP-083@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS

Matrix: Soil
Collected: 02/03/00 N/A

% Solid: 85
COC Info: 0626/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Corrosivity pH.....	UNITS	8.10			1	N/A	DIH	02/07/00	15:35	9045
Ignitability.....	Degrees C	95	>		1	N/A	JWR	02/07/00	10:00	1010
Percent Solids.....	weight %	85		1.0	1	N/A	TMM	02/07/00	11:15	D2216-90
Reactivity, Cyanide.....	mg/kg		ND	10	1	N/A	JCR	02/10/00	16:15	SW-846
Reactivity, Sulfide.....	mg/kg		ND	100	1	N/A	JCR	02/10/00	13:05	SW-846
Silver, Total.....	mg/kg	2.5		2.4	1	N/A	ALT	02/11/00	19:43	6010B\3050A
Arsenic, Total.....	mg/kg	8.2		5.9	1	N/A	ALT	02/11/00	19:43	6010B\3050A
Barium, Total.....	mg/kg	96		0.59	1	N/A	ALT	02/11/00	19:43	6010B\3050A
Cadmium, Total.....	mg/kg		ND	0.59	1	N/A	ALT	02/11/00	19:43	6010B\3050A
Chromium, Total.....	mg/kg	12		1.2	1	N/A	ALT	02/11/00	19:43	6010B\3050A
Mercury, Total.....	mg/kg		ND	0.29	1	N/A	RSS	02/08/00	10:37	7471A\7471A
Lead, Total.....	mg/kg	20		5.9	1	N/A	ALT	02/11/00	19:43	6010B\3050A
Selenium, Total.....	mg/kg		ND,S	2.4	10	N/A	RSS	02/14/00	10:15	7740

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8081P - Organochlorine Pesticides

Lab Sample ID: L0002129-11
Client Sample ID: DP-083@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 85

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/11/00 Time: 08:09

Instrument: HP9
Analyst: ECL
Lab File ID: 9G8770

Method: 8081A\3550B
Run ID: R82782
Batch : WG71921

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
319-84-6	alpha-BHC	ug/kg		ND	1.9	1
319-85-7	beta-BHC	ug/kg		ND	1.9	1
319-86-8	delta-BHC	ug/kg		ND	1.9	1
76-44-8	Heptachlor	ug/kg		ND	1.9	1
309-00-2	Aldrin	ug/kg		ND	1.9	1
1024-57-3	Heptachlor epoxide	ug/kg		ND	1.9	1
959-98-8	Endosulfan I	ug/kg		ND	1.9	1
60-57-1	Dieldrin	ug/kg		ND	3.9	1
72-55-9	4,4'-DDE	ug/kg		ND	3.9	1
72-20-8	Endrin	ug/kg		ND	3.9	1
33213-65-9	Endosulfan II	ug/kg		ND	3.9	1
72-54-8	4,4'-DDD	ug/kg		ND	3.9	1
1031-07-8	Endosulfan sulfate	ug/kg		ND	3.9	1
50-29-3	4,4'-DDT	ug/kg		ND	3.9	1
72-43-5	Methoxychlor	ug/kg		ND	19	1
53494-70-5	Endrin ketone	ug/kg		ND	3.9	1
7421-93-4	Endrin aldehyde	ug/kg		ND	3.9	1
5103-71-9	alpha Chlordane	ug/kg		ND	1.9	1
5103-74-2	gamma Chlordane	ug/kg		ND	1.9	1
8001-35-2	Toxaphene	ug/kg		ND	39	1
58-89-9	gamma-BHC (Lindane)	ug/kg		ND	1.9	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	82.1	(29 - 133%)
Decachlorobiphenyl	93.3	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8082 - PCB

Lab Sample ID: L0002129-11
Client Sample ID: DP-083@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 85

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 19:46

Instrument: HP7
Analyst: SMW
Lab File ID: 7G6064R

Method: 8082\3550
Run ID: R82723
Batch : WG71913

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
12674-11-2	Aroclor-1016	ug/kg		ND	19	1
11104-28-2	Aroclor-1221	ug/kg		ND	19	1
11141-16-5	Aroclor-1232	ug/kg		ND	19	1
53469-21-9	Aroclor-1242	ug/kg		ND	19	1
12672-29-6	Aroclor-1248	ug/kg		ND	19	1
11097-69-1	Aroclor-1254	ug/kg		ND	19	1
11096-82-5	Aroclor-1260	ug/kg		ND	19	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	75.0	(29 - 133%)
Decachlorobiphenyl	91.9	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8150-A9 - Appendix IX Herbicides

Lab Sample ID: L0002129-11
Client Sample ID: DP-083@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 85

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 14:51

Instrument: HP1
Analyst: ECL
Lab File ID: 1G1366

Method: 8151A\3550
Run ID: R82684
Batch : WG71954

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
94-75-7	2,4-D.....	ug/kg		ND	240	1
88-85-7	Dinoseb.....	ug/kg		ND	16	1
93-72-1	Silvex.....	ug/kg		ND	47	1
93-76-5	2,4,5-T.....	ug/kg		ND	47	1

SURROGATES- In Percent Recovery:

2,4-Dichlorophenylacetic acid.....	78.0	(51 - 146%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-11
Client Sample ID: DP-083@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 85

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 19:20

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19896

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-95-2	Phenol	ug/kg		ND	190	1
111-44-4	Bis(2-Chloroethyl)ether	ug/kg		ND	190	1
95-57-8	2-Chlorophenol	ug/kg		ND	190	1
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	190	1
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	190	1
100-51-6	Benzyl alcohol	ug/kg		ND	190	1
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	190	1
95-48-7	2-Methylphenol	ug/kg		ND	190	1
108-39-4	3-Methylphenol	ug/kg		ND	190	1
108-60-1	bis(2-Chloroisopropyl)ether	ug/kg		ND	190	1
106-44-5	4-Methylphenol	ug/kg		ND	190	1
621-64-7	N-Nitroso-di-n-propylamine	ug/kg		ND	190	1
67-72-1	Hexachloroethane	ug/kg		ND	190	1
98-95-3	Nitrobenzene	ug/kg		ND	190	1
78-59-1	Isophorone	ug/kg		ND	190	1
88-75-5	2-Nitrophenol	ug/kg		ND	190	1
105-67-9	2,4-Dimethylphenol	ug/kg		ND	190	1
65-85-0	Benzoic acid	ug/kg		ND	970	1
111-91-1	Bis(2-Chloroethoxy)Methane	ug/kg		ND	190	1
120-83-2	2,4-Dichlorophenol	ug/kg		ND	190	1
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	190	1
91-20-3	Naphthalene	ug/kg		ND	190	1
106-47-8	4-Chloroaniline	ug/kg		ND	190	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	190	1
59-50-7	4-Chloro-3-methylphenol	ug/kg		ND	190	1
91-57-6	2-Methylnaphthalene	ug/kg		ND	190	1
77-47-4	Hexachlorocyclopentadiene	ug/kg		ND	190	1
88-06-2	2,4,6-Trichlorophenol	ug/kg		ND	190	1
95-95-4	2,4,5-Trichlorophenol	ug/kg		ND	970	1
91-58-7	2-Chloronaphthalene	ug/kg		ND	190	1
88-74-4	2-Nitroaniline	ug/kg		ND	970	1
131-11-3	Dimethylphthalate	ug/kg		ND	190	1
208-96-8	Acenaphthylene	ug/kg		ND	190	1
606-20-2	2,6-Dinitrotoluene	ug/kg		ND	190	1
99-09-2	3-Nitroaniline	ug/kg		ND	970	1
83-32-9	Acenaphthene	ug/kg		ND	190	1
51-28-5	2,4-Dinitrophenol	ug/kg		ND	970	1
100-02-7	4-Nitrophenol	ug/kg		ND	970	1
132-64-9	Dibenzofuran	ug/kg		ND	190	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-11
Client Sample ID: DP-083@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 85

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 19:20

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19896

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
121-14-2	2,4-Dinitrotoluene	ug/kg		ND	190	1
84-66-2	Diethylphthalate	ug/kg		ND	190	1
7005-72-3	4-Chlorophenyl-phenyl ether	ug/kg		ND	190	1
86-73-7	Fluorene	ug/kg		ND	190	1
100-01-6	4-Nitroaniline	ug/kg		ND	970	1
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg		ND	970	1
86-30-6	N-Nitrosodiphenylamine	ug/kg		ND	190	1
101-55-3	4-Bromophenyl-phenylether	ug/kg		ND	190	1
118-74-1	Hexachlorobenzene	ug/kg		ND	190	1
87-86-5	Pentachlorophenol	ug/kg		ND	970	1
85-01-8	Phenanthrene	ug/kg		ND	190	1
120-12-7	Anthracene	ug/kg		ND	190	1
84-74-2	Di-N-Butylphthalate	ug/kg		ND	190	1
206-44-0	Fluoranthene	ug/kg		ND	190	1
129-00-0	Pyrene	ug/kg		ND	190	1
85-68-7	Butylbenzylphthalate	ug/kg		ND	190	1
91-94-1	3,3'-Dichlorobenzidine	ug/kg		ND	390	1
56-55-3	Benzo(a)anthracene	ug/kg		ND	190	1
218-01-9	Chrysene	ug/kg		ND	190	1
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg		ND	190	1
117-84-0	Di-n-octylphthalate	ug/kg		ND	190	1
205-99-2	Benzo(b)fluoranthene	ug/kg		ND	190	1
207-08-9	Benzo(k)fluoranthene	ug/kg		ND	190	1
50-32-8	Benzo(a)pyrene	ug/kg		ND	190	1
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg		ND	190	1
53-70-3	Dibenzo(a,h)Anthracene	ug/kg		ND	190	1
191-24-2	Benzo(g,h,i)Perylene	ug/kg		ND	190	1

SURROGATES- In Percent Recovery:

2-Fluorophenol	38.4	(25 - 121%)
Phenol-d5	38.9	(24 - 113%)
Nitrobenzene-d5	39.1	(23 - 120%)
2-Fluorobiphenyl	41.1	(30 - 115%)
2,4,6-Tribromophenol	51.5	(19 - 122%)
p-Terphenyl-d14	64.8	(18 - 137%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-11
Client Sample ID: DP-083@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 85

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 15:15

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18041

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg		ND	120	1
71-43-2	Benzene	ug/kg		ND	5.9	1
75-27-4	Bromodichloromethane	ug/kg		ND	5.9	1
75-25-2	Bromoform	ug/kg		ND	5.9	1
74-83-9	Bromomethane	ug/kg		ND	12	1
78-93-3	2-Butanone	ug/kg		ND	120	1
75-15-0	Carbon disulfide	ug/kg		ND	5.9	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5.9	1
108-90-7	Chlorobenzene	ug/kg		ND	5.9	1
75-00-3	Chloroethane	ug/kg		ND	12	1
67-66-3	Chloroform	ug/kg		ND	5.9	1
74-87-3	Chloromethane	ug/kg		ND	12	1
124-48-1	Dibromochloromethane	ug/kg		ND	5.9	1
75-34-3	1,1-Dichloroethane	ug/kg		ND	5.9	1
107-06-2	1,2-Dichloroethane	ug/kg		ND	5.9	1
75-35-4	1,1-Dichloroethene	ug/kg		ND	5.9	1
540-59-0	1,2-Dichloroethene (Total)	ug/kg		ND	5.9	1
78-87-5	1,2-Dichloropropane	ug/kg		ND	5.9	1
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	5.9	1
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	5.9	1
100-41-4	Ethylbenzene	ug/kg		ND	5.9	1
591-78-6	2-Hexanone	ug/kg		ND	12	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	12	1
75-09-2	Methylene chloride	ug/kg		ND	5.9	1
100-42-5	Styrene	ug/kg		ND	5.9	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	5.9	1
127-18-4	Tetrachloroethene	ug/kg		ND	5.9	1
108-88-3	Toluene	ug/kg		ND	5.9	1
71-55-6	1,1,1-Trichloroethane	ug/kg		ND	5.9	1
79-00-5	1,1,2-Trichloroethane	ug/kg		ND	5.9	1
79-01-6	Trichloroethene	ug/kg		ND	5.9	1
75-01-4	Vinyl chloride	ug/kg		ND	12	1
95-47-6	o-Xylene	ug/kg		ND	5.9	1
108-38-3	m-Xylene	ug/kg		ND	5.9	1
106-42-3	p-Xylene	ug/kg		ND	5.9	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-11
Client Sample ID: DP-083@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 85

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 15:15

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18041

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane.....	102		(80 - 120%)		
	1,2-Dichloroethane-d4.....	105		(80 - 120%)		
	Toluene-d8.....	103		(81 - 117%)		

RL = Reporting Limit

Login #L0002129
February 16, 2000 01:39 pm

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0002129-12
Client Sample ID: DP-083@18-20'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS

Matrix: Soil
Collected: 02/03/00 N/A

% Solid: 95
COC Info: 0626/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	95		1.0	1	N/A	TMM	02/10/00	11:10	D2216-90

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8081P - Organochlorine Pesticides

Lab Sample ID: L0002129-12
Client Sample ID: DP-083@18-20'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/11/00 Time: 08:34

Instrument: HP9
Analyst: ECL
Lab File ID: 9G8771

Method: 8081A\3550B
Run ID: R82782
Batch : WG71921

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
319-84-6	alpha-BHC	ug/kg		ND	1.7	1
319-85-7	beta-BHC	ug/kg		ND	1.7	1
319-86-8	delta-BHC	ug/kg		ND	1.7	1
76-44-8	Heptachlor	ug/kg		ND	1.7	1
309-00-2	Aldrin	ug/kg		ND	1.7	1
1024-57-3	Heptachlor epoxide	ug/kg		ND	1.7	1
959-98-8	Endosulfan I	ug/kg		ND	1.7	1
60-57-1	Dieldrin	ug/kg		ND	3.5	1
72-55-9	4,4'-DDE	ug/kg		ND	3.5	1
72-20-8	Endrin	ug/kg		ND	3.5	1
33213-65-9	Endosulfan II	ug/kg		ND	3.5	1
72-54-8	4,4'-DDD	ug/kg		ND	3.5	1
1031-07-8	Endosulfan sulfate	ug/kg		ND	3.5	1
50-29-3	4,4'-DDT	ug/kg		ND	3.5	1
72-43-5	Methoxychlor	ug/kg		ND	17	1
53494-70-5	Endrin ketone	ug/kg		ND	3.5	1
7421-93-4	Endrin aldehyde	ug/kg		ND	3.5	1
5103-71-9	alpha Chlordane	ug/kg		ND	1.7	1
5103-74-2	gamma Chlordane	ug/kg		ND	1.7	1
8001-35-2	Toxaphene	ug/kg		ND	35	1
58-89-9	gamma-BHC (Lindane)	ug/kg		ND	1.7	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	99.3	(29 - 133%)
Decachlorobiphenyl	124	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8082 - PCB

Lab Sample ID: L0002129-12
Client Sample ID: DP-083@18-20'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 20:12

Instrument: HP7
Analyst: SMW
Lab File ID: 7G6065R

Method: 8082\3550
Run ID: R82723
Batch : WG71913

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
12674-11-2	Aroclor-1016	ug/kg		ND	17	1
11104-28-2	Aroclor-1221	ug/kg		ND	17	1
11141-16-5	Aroclor-1232	ug/kg		ND	17	1
53469-21-9	Aroclor-1242	ug/kg		ND	17	1
12672-29-6	Aroclor-1248	ug/kg		ND	17	1
11097-69-1	Aroclor-1254	ug/kg		ND	17	1
11096-82-5	Aroclor-1260	ug/kg		ND	17	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	71.8	(29 - 133%)
Decachlorobiphenyl	86.8	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8150-A9 - Appendix IX Herbicides

Lab Sample ID: L0002129-12
Client Sample ID: DP-083@18-20'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 15:14

Instrument: HP1
Analyst: ECL
Lab File ID: 1G1367

Method: 8151A\3550
Run ID: R82684
Batch : WG71954

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
94-75-7	2,4-D.....	ug/kg		ND	210	1
88-85-7	Dinoseb.....	ug/kg		ND	15	1
93-72-1	Silvex.....	ug/kg		ND	42	1
93-76-5	2,4,5-T.....	ug/kg		ND	42	1

SURROGATES- In Percent Recovery:

2,4-Dichlorophenylacetic acid.....	80.8	(51 - 146%)

RL = Reporting Limit

Login #L0002129
February 16, 2000 01:39 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-12
Client Sample ID: DP-083@18-20'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 19:56

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19897

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-95-2	Phenol	ug/kg		ND	170	1
111-44-4	Bis(2-Chloroethyl)ether	ug/kg		ND	170	1
95-57-8	2-Chlorophenol	ug/kg		ND	170	1
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	170	1
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	170	1
100-51-6	Benzyl alcohol	ug/kg		ND	170	1
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	170	1
95-48-7	2-Methylphenol	ug/kg		ND	170	1
108-39-4	3-Methylphenol	ug/kg		ND	170	1
108-60-1	bis(2-Chloroisopropyl)ether	ug/kg		ND	170	1
106-44-5	4-Methylphenol	ug/kg		ND	170	1
621-64-7	N-Nitroso-di-n-propylamine	ug/kg		ND	170	1
67-72-1	Hexachloroethane	ug/kg		ND	170	1
98-95-3	Nitrobenzene	ug/kg		ND	170	1
78-59-1	Isophorone	ug/kg		ND	170	1
88-75-5	2-Nitrophenol	ug/kg		ND	170	1
105-67-9	2,4-Dimethylphenol	ug/kg		ND	170	1
65-85-0	Benzoic acid	ug/kg		ND	870	1
111-91-1	Bis(2-Chloroethoxy)Methane	ug/kg		ND	170	1
120-83-2	2,4-Dichlorophenol	ug/kg		ND	170	1
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	170	1
91-20-3	Naphthalene	ug/kg		ND	170	1
106-47-8	4-Chloroaniline	ug/kg		ND	170	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	170	1
59-50-7	4-Chloro-3-methylphenol	ug/kg		ND	170	1
91-57-6	2-Methylnaphthalene	ug/kg		ND	170	1
77-47-4	Hexachlorocyclopentadiene	ug/kg		ND	170	1
88-06-2	2,4,6-Trichlorophenol	ug/kg		ND	170	1
95-95-4	2,4,5-Trichlorophenol	ug/kg		ND	870	1
91-58-7	2-Chloronaphthalene	ug/kg		ND	170	1
88-74-4	2-Nitroaniline	ug/kg		ND	870	1
131-11-3	Dimethylphthalate	ug/kg		ND	170	1
208-96-8	Acenaphthylene	ug/kg		ND	170	1
606-20-2	2,6-Dinitrotoluene	ug/kg		ND	170	1
99-09-2	3-Nitroaniline	ug/kg		ND	870	1
83-32-9	Acenaphthene	ug/kg		ND	170	1
51-28-5	2,4-Dinitrophenol	ug/kg		ND	870	1
100-02-7	4-Nitrophenol	ug/kg		ND	870	1
132-64-9	Dibenzofuran	ug/kg		ND	170	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-12
Client Sample ID: DP-083@18-20'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 19:56

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19897

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
121-14-2	2,4-Dinitrotoluene	ug/kg		ND	170	1
84-66-2	Diethylphthalate	ug/kg		ND	170	1
7005-72-3	4-Chlorophenyl-phenyl ether	ug/kg		ND	170	1
86-73-7	Fluorene	ug/kg		ND	170	1
100-01-6	4-Nitroaniline	ug/kg		ND	870	1
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg		ND	870	1
86-30-6	N-Nitrosodiphenylamine	ug/kg		ND	170	1
101-55-3	4-Bromophenyl-phenylether	ug/kg		ND	170	1
118-74-1	Hexachlorobenzene	ug/kg		ND	170	1
87-86-5	Pentachlorophenol	ug/kg		ND	870	1
85-01-8	Phenanthrene	ug/kg		ND	170	1
120-12-7	Anthracene	ug/kg		ND	170	1
84-74-2	Di-N-Butylphthalate	ug/kg		ND	170	1
206-44-0	Fluoranthene	ug/kg		ND	170	1
129-00-0	Pyrene	ug/kg		ND	170	1
85-68-7	Butylbenzylphthalate	ug/kg		ND	170	1
91-94-1	3,3'-Dichlorobenzidine	ug/kg		ND	350	1
56-55-3	Benzo(a)anthracene	ug/kg		ND	170	1
218-01-9	Chrysene	ug/kg		ND	170	1
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg		ND	170	1
117-84-0	Di-n-octylphthalate	ug/kg		ND	170	1
205-99-2	Benzo(b)fluoranthene	ug/kg		ND	170	1
207-08-9	Benzo(k)fluoranthene	ug/kg		ND	170	1
50-32-8	Benzo(a)pyrene	ug/kg		ND	170	1
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg		ND	170	1
53-70-3	Dibenzo(a,h)Anthracene	ug/kg		ND	170	1
191-24-2	Benzo(g,h,i)Perylene	ug/kg		ND	170	1

SURROGATES- In Percent Recovery:

2-Fluorophenol	48.5	(25 - 121%)
Phenol-d5	48.8	(24 - 113%)
Nitrobenzene-d5	47.7	(23 - 120%)
2-Fluorobiphenyl	50.8	(30 - 115%)
2,4,6-Tribromophenol	55.8	(19 - 122%)
p-Terphenyl-d14	65.9	(18 - 137%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0002129-13
lient Sample ID: DP-084@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS

Matrix: Soil
Collected: 02/03/00 N/A

% Solid: 96
COC Info: 0626/

nalyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
ercent Solids.....	weight %	96		1.0	1	N/A	TMM	02/07/00	11:15	D2216-90
ilver, Total.....	mg/kg		ND	2.1	1	N/A	ALT	02/11/00	19:47	6010B\3050A
rsenic, Total.....	mg/kg		ND	5.2	1	N/A	ALT	02/11/00	19:47	6010B\3050A
arium, Total.....	mg/kg	11		0.52	1	N/A	ALT	02/11/00	19:47	6010B\3050A
admium, Total.....	mg/kg		ND	0.52	1	N/A	ALT	02/11/00	19:47	6010B\3050A
hromium, Total.....	mg/kg	4.0		1.0	1	N/A	ALT	02/11/00	19:47	6010B\3050A
ercury, Total.....	mg/kg		ND	0.26	1	N/A	RSS	02/08/00	10:37	7471A\7471A
ead, Total.....	mg/kg		ND	5.2	1	N/A	ALT	02/11/00	19:47	6010B\3050A
elenium, Total.....	mg/kg		ND,S	1.0	5	N/A	CRC	02/13/00	11:20	7740

L = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8081P - Organochlorine Pesticides

Lab Sample ID: L0002129-13
Client Sample ID: DP-084@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/11/00 Time: 08:58

Instrument: HP9
Analyst: ECL
Lab File ID: 9G8772

Method: 8081A\3550B
Run ID: R82782
Batch : WG71921

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
319-84-6	alpha-BHC	ug/kg		ND	1.7	1
319-85-7	beta-BHC	ug/kg		ND	1.7	1
319-86-8	delta-BHC	ug/kg		ND	1.7	1
76-44-8	Heptachlor	ug/kg		ND	1.7	1
309-00-2	Aldrin	ug/kg		ND	1.7	1
1024-57-3	Heptachlor epoxide	ug/kg		ND	1.7	1
959-98-8	Endosulfan I	ug/kg		ND	1.7	1
60-57-1	Dieldrin	ug/kg		ND	3.4	1
72-55-9	4,4'-DDE	ug/kg		ND	3.4	1
72-20-8	Endrin	ug/kg		ND	3.4	1
33213-65-9	Endosulfan II	ug/kg		ND	3.4	1
72-54-8	4,4'-DDD	ug/kg		ND	3.4	1
1031-07-8	Endosulfan sulfate	ug/kg		ND	3.4	1
50-29-3	4,4'-DDT	ug/kg		ND	3.4	1
72-43-5	Methoxychlor	ug/kg		ND	17	1
53494-70-5	Endrin ketone	ug/kg		ND	3.4	1
7421-93-4	Endrin aldehyde	ug/kg		ND	3.4	1
5103-71-9	alpha Chlordane	ug/kg		ND	1.7	1
5103-74-2	gamma Chlordane	ug/kg		ND	1.7	1
8001-35-2	Toxaphene	ug/kg		ND	34	1
58-89-9	gamma-BHC (Lindane)	ug/kg		ND	1.7	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	92.1	(29 - 133%)
Decachlorobiphenyl	116	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8082 - PCB

Lab Sample ID: L0002129-13
Client Sample ID: DP-084@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 20:38

Instrument: HP7
Analyst: SMW
Lab File ID: 7G6066R

Method: 8082\3550
Run ID: R82723
Batch : WG71913

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
12674-11-2	Aroclor-1016	ug/kg		ND	17	1
11104-28-2	Aroclor-1221	ug/kg		ND	17	1
11141-16-5	Aroclor-1232	ug/kg		ND	17	1
53469-21-9	Aroclor-1242	ug/kg		ND	17	1
12672-29-6	Aroclor-1248	ug/kg		ND	17	1
11097-69-1	Aroclor-1254	ug/kg		ND	17	1
11096-82-5	Aroclor-1260	ug/kg		ND	17	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	74.3	(29 - 133%)
Decachlorobiphenyl	90.0	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8150-A9 - Appendix IX Herbicides

Lab Sample ID: L0002129-13
Client Sample ID: DP-084@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 15:38

Instrument: HP1
Analyst: ECL
Lab File ID: 1G1368

Method: 8151A\3550
Run ID: R82684
Batch : WG71954

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
94-75-7	2,4-D.....	ug/kg		ND	210	1
88-85-7	Dinoseb.....	ug/kg		ND	15	1
93-72-1	Silvex.....	ug/kg		ND	42	1
93-76-5	2,4,5-T.....	ug/kg		ND	42	1

SURROGATES- In Percent Recovery:

2,4-Dichlorophenylacetic acid.....	81.7	(51 - 146%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-13
Client Sample ID: DP-084@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 20:33

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19898

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-95-2	Phenol	ug/kg		ND	170	1
111-44-4	Bis(2-Chloroethyl)ether	ug/kg		ND	170	1
95-57-8	2-Chlorophenol	ug/kg		ND	170	1
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	170	1
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	170	1
100-51-6	Benzyl alcohol	ug/kg		ND	170	1
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	170	1
95-48-7	2-Methylphenol	ug/kg		ND	170	1
108-39-4	3-Methylphenol	ug/kg		ND	170	1
108-60-1	bis(2-Chloroisopropyl)ether	ug/kg		ND	170	1
106-44-5	4-Methylphenol	ug/kg		ND	170	1
621-64-7	N-Nitroso-di-n-propylamine	ug/kg		ND	170	1
67-72-1	Hexachloroethane	ug/kg		ND	170	1
98-95-3	Nitrobenzene	ug/kg		ND	170	1
78-59-1	Isophorone	ug/kg		ND	170	1
88-75-5	2-Nitrophenol	ug/kg		ND	170	1
105-67-9	2,4-Dimethylphenol	ug/kg		ND	170	1
65-85-0	Benzoic acid	ug/kg		ND	860	1
111-91-1	Bis(2-Chloroethoxy)Methane	ug/kg		ND	170	1
120-83-2	2,4-Dichlorophenol	ug/kg		ND	170	1
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	170	1
91-20-3	Naphthalene	ug/kg		ND	170	1
106-47-8	4-Chloroaniline	ug/kg		ND	170	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	170	1
59-50-7	4-Chloro-3-methylphenol	ug/kg		ND	170	1
91-57-6	2-Methylnaphthalene	ug/kg		ND	170	1
77-47-4	Hexachlorocyclopentadiene	ug/kg		ND	170	1
88-06-2	2,4,6-Trichlorophenol	ug/kg		ND	170	1
95-95-4	2,4,5-Trichlorophenol	ug/kg		ND	860	1
91-58-7	2-Chloronaphthalene	ug/kg		ND	170	1
88-74-4	2-Nitroaniline	ug/kg		ND	860	1
131-11-3	Dimethylphthalate	ug/kg		ND	170	1
208-96-8	Acenaphthylene	ug/kg		ND	170	1
606-20-2	2,6-Dinitrotoluene	ug/kg		ND	170	1
99-09-2	3-Nitroaniline	ug/kg		ND	860	1
83-32-9	Acenaphthene	ug/kg		ND	170	1
51-28-5	2,4-Dinitrophenol	ug/kg		ND	860	1
100-02-7	4-Nitrophenol	ug/kg		ND	860	1
132-64-9	Dibenzofuran	ug/kg		ND	170	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-13
Client Sample ID: DP-084@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 20:33

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19898

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
121-14-2	2,4-Dinitrotoluene	ug/kg		ND	170	1
84-66-2	Diethylphthalate	ug/kg		ND	170	1
7005-72-3	4-Chlorophenyl-phenyl ether	ug/kg		ND	170	1
86-73-7	Fluorene	ug/kg		ND	170	1
100-01-6	4-Nitroaniline	ug/kg		ND	860	1
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg		ND	860	1
86-30-6	N-Nitrosodiphenylamine	ug/kg		ND	170	1
101-55-3	4-Bromophenyl-phenylether	ug/kg		ND	170	1
118-74-1	Hexachlorobenzene	ug/kg		ND	170	1
87-86-5	Pentachlorophenol	ug/kg		ND	860	1
85-01-8	Phenanthrene	ug/kg		ND	170	1
120-12-7	Anthracene	ug/kg		ND	170	1
84-74-2	Di-N-Butylphthalate	ug/kg		ND	170	1
206-44-0	Fluoranthene	ug/kg		ND	170	1
129-00-0	Pyrene	ug/kg		ND	170	1
85-68-7	Butylbenzylphthalate	ug/kg		ND	170	1
91-94-1	3,3'-Dichlorobenzidine	ug/kg		ND	340	1
56-55-3	Benzo(a)anthracene	ug/kg		ND	170	1
218-01-9	Chrysene	ug/kg		ND	170	1
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg		ND	170	1
117-84-0	Di-n-octylphthalate	ug/kg		ND	170	1
205-99-2	Benzo(b)fluoranthene	ug/kg		ND	170	1
207-08-9	Benzo(k)fluoranthene	ug/kg		ND	170	1
50-32-8	Benzo(a)pyrene	ug/kg		ND	170	1
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg		ND	170	1
53-70-3	Dibenzo(a,h)Anthracene	ug/kg		ND	170	1
191-24-2	Benzo(g,h,i)Perylene	ug/kg		ND	170	1

SURROGATES- In Percent Recovery:

2-Fluorophenol	38.9	(25 - 121%)
Phenol-d5	39.4	(24 - 113%)
Nitrobenzene-d5	38.3	(23 - 120%)
2-Fluorobiphenyl	40.5	(30 - 115%)
2,4,6-Tribromophenol	51.1	(19 - 122%)
p-Terphenyl-d14	72.5	(18 - 137%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-13
Client Sample ID: DP-084@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 15:47

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18042

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg		ND	100	1
71-43-2	Benzene	ug/kg		ND	5.2	1
75-27-4	Bromodichloromethane	ug/kg		ND	5.2	1
75-25-2	Bromoform	ug/kg		ND	5.2	1
74-83-9	Bromomethane	ug/kg		ND	10	1
78-93-3	2-Butanone	ug/kg		ND	100	1
75-15-0	Carbon disulfide	ug/kg		ND	5.2	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5.2	1
108-90-7	Chlorobenzene	ug/kg		ND	5.2	1
75-00-3	Chloroethane	ug/kg		ND	10	1
67-66-3	Chloroform	ug/kg		ND	5.2	1
74-87-3	Chloromethane	ug/kg		ND	10	1
124-48-1	Dibromochloromethane	ug/kg		ND	5.2	1
75-34-3	1,1-Dichloroethane	ug/kg		ND	5.2	1
107-06-2	1,2-Dichloroethane	ug/kg		ND	5.2	1
75-35-4	1,1-Dichloroethene	ug/kg		ND	5.2	1
540-59-0	1,2-Dichloroethene (Total)	ug/kg		ND	5.2	1
78-87-5	1,2-Dichloropropane	ug/kg		ND	5.2	1
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	5.2	1
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	5.2	1
100-41-4	Ethylbenzene	ug/kg		ND	5.2	1
591-78-6	2-Hexanone	ug/kg		ND	10	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	10	1
75-09-2	Methylene chloride	ug/kg		ND	5.2	1
100-42-5	Styrene	ug/kg		ND	5.2	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	5.2	1
127-18-4	Tetrachloroethene	ug/kg		ND	5.2	1
108-88-3	Toluene	ug/kg		ND	5.2	1
71-55-6	1,1,1-Trichloroethane	ug/kg		ND	5.2	1
79-00-5	1,1,2-Trichloroethane	ug/kg		ND	5.2	1
79-01-6	Trichloroethene	ug/kg		ND	5.2	1
75-01-4	Vinyl chloride	ug/kg		ND	10	1
95-47-6	o-Xylene	ug/kg		ND	5.2	1
108-38-3	m-Xylene	ug/kg		ND	5.2	1
106-42-3	p-Xylene	ug/kg		ND	5.2	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-13
Client Sample ID: DP-084@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 15:47

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18042

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane.....	102		(80 - 120%)		
	1,2-Dichloroethane-d4.....	105		(80 - 120%)		
	Toluene-d8.....	105		(81 - 117%)		

RL = Reporting Limit

Login #L0002129
February 16, 2000 01:39 pm

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0002129-14
Client Sample ID: DP-084@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS

Matrix: Soil
Collected: 02/03/00 N/A

% Solid: 95
COC Info: 0626/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	95		1.0	1	N/A	TMM	02/07/00	11:15	D2216-90
Silver, Total.....	mg/kg		ND	2.1	1	N/A	ALT	02/11/00	19:51	6010B\3050A
Arsenic, Total.....	mg/kg	9.4		5.3	1	N/A	ALT	02/11/00	19:51	6010B\3050A
Barium, Total.....	mg/kg	18		0.53	1	N/A	ALT	02/11/00	19:51	6010B\3050A
Cadmium, Total.....	mg/kg		ND	0.53	1	N/A	ALT	02/11/00	19:51	6010B\3050A
Chromium, Total.....	mg/kg	4.9		1.1	1	N/A	ALT	02/11/00	19:51	6010B\3050A
Mercury, Total.....	mg/kg		ND	0.26	1	N/A	RSS	02/08/00	10:37	7471A\7471A
Lead, Total.....	mg/kg	5.8		5.3	1	N/A	ALT	02/11/00	19:51	6010B\3050A
Selenium, Total.....	mg/kg	0.89	S	0.42	2	N/A	RSS	02/14/00	10:15	7740

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8081P - Organochlorine Pesticides

Lab Sample ID: L0002129-14
Client Sample ID: DP-084@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/11/00 Time: 15:04

Instrument: HP9
Analyst: ECL
Lab File ID: 9G8784

Method: 8081A\3550B
Run ID: R82836
Batch : WG71921

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
319-84-6	alpha-BHC	ug/kg		ND	1.7	1
319-85-7	beta-BHC	ug/kg		ND	1.7	1
319-86-8	delta-BHC	ug/kg		ND	1.7	1
76-44-8	Heptachlor	ug/kg		ND	1.7	1
309-00-2	Aldrin	ug/kg		ND	1.7	1
1024-57-3	Heptachlor epoxide	ug/kg		ND	1.7	1
959-98-8	Endosulfan I	ug/kg		ND	1.7	1
60-57-1	Dieldrin	ug/kg		ND	3.5	1
72-55-9	4,4'-DDE	ug/kg		ND	3.5	1
72-20-8	Endrin	ug/kg		ND	3.5	1
33213-65-9	Endosulfan II	ug/kg		ND	3.5	1
72-54-8	4,4'-DDD	ug/kg		ND	3.5	1
1031-07-8	Endosulfan sulfate	ug/kg		ND	3.5	1
50-29-3	4,4'-DDT	ug/kg		ND	3.5	1
72-43-5	Methoxychlor	ug/kg		ND	17	1
53494-70-5	Endrin ketone	ug/kg		ND	3.5	1
7421-93-4	Endrin aldehyde	ug/kg		ND	3.5	1
5103-71-9	alpha Chlordane	ug/kg		ND	1.7	1
5103-74-2	gamma Chlordane	ug/kg		ND	1.7	1
8001-35-2	Toxaphene	ug/kg		ND	35	1
58-89-9	gamma-BHC (Lindane)	ug/kg		ND	1.7	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	74.3	(29 - 133%)
Decachlorobiphenyl	99.9	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8082 - PCB

Lab Sample ID: L0002129-14
Client Sample ID: DP-084@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 21:04

Instrument: HP7
Analyst: SMW
Lab File ID: 7G6067R

Method: 8082\3550
Run ID: R82723
Batch : WG71913

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
12674-11-2	Aroclor-1016	ug/kg		ND	17	1
11104-28-2	Aroclor-1221	ug/kg		ND	17	1
11141-16-5	Aroclor-1232	ug/kg		ND	17	1
53469-21-9	Aroclor-1242	ug/kg		ND	17	1
12672-29-6	Aroclor-1248	ug/kg		ND	17	1
11097-69-1	Aroclor-1254	ug/kg		ND	17	1
11096-82-5	Aroclor-1260	ug/kg		ND	17	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	72.8	(29 - 133%)
Decachlorobiphenyl	91.5	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8150-A9 - Appendix IX Herbicides

Lab Sample ID: L0002129-14
Client Sample ID: DP-084@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 16:01

Instrument: HP1
Analyst: ECL
Lab File ID: 1G1369

Method: 8151A\3550
Run ID: R82684
Batch : WG71954

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
94-75-7	2,4-D.....	ug/kg		ND	210	1
88-85-7	Dinoseb.....	ug/kg		ND	15	1
93-72-1	Silvex.....	ug/kg		ND	42	1
93-76-5	2,4,5-T.....	ug/kg		ND	42	1

SURROGATES- In Percent Recovery:

2,4-Dichlorophenylacetic acid.....	49.2	*	(51 - 146%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-14
Client Sample ID: DP-084@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 21:09

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19899

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-95-2	Phenol	ug/kg		ND	170	1
111-44-4	Bis(2-Chloroethyl)ether	ug/kg		ND	170	1
95-57-8	2-Chlorophenol	ug/kg		ND	170	1
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	170	1
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	170	1
100-51-6	Benzyl alcohol	ug/kg		ND	170	1
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	170	1
95-48-7	2-Methylphenol	ug/kg		ND	170	1
108-39-4	3-Methylphenol	ug/kg		ND	170	1
108-60-1	bis(2-Chloroisopropyl)ether	ug/kg		ND	170	1
106-44-5	4-Methylphenol	ug/kg		ND	170	1
621-64-7	N-Nitroso-di-n-propylamine	ug/kg		ND	170	1
67-72-1	Hexachloroethane	ug/kg		ND	170	1
98-95-3	Nitrobenzene	ug/kg		ND	170	1
78-59-1	Isophorone	ug/kg		ND	170	1
88-75-5	2-Nitrophenol	ug/kg		ND	170	1
105-67-9	2,4-Dimethylphenol	ug/kg		ND	170	1
65-85-0	Benzoic acid	ug/kg		ND	870	1
111-91-1	Bis(2-Chloroethoxy)Methane	ug/kg		ND	170	1
120-83-2	2,4-Dichlorophenol	ug/kg		ND	170	1
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	170	1
91-20-3	Naphthalene	ug/kg		ND	170	1
106-47-8	4-Chloroaniline	ug/kg		ND	170	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	170	1
59-50-7	4-Chloro-3-methylphenol	ug/kg		ND	170	1
91-57-6	2-Methylnaphthalene	ug/kg		ND	170	1
77-47-4	Hexachlorocyclopentadiene	ug/kg		ND	170	1
88-06-2	2,4,6-Trichlorophenol	ug/kg		ND	170	1
95-95-4	2,4,5-Trichlorophenol	ug/kg		ND	870	1
91-58-7	2-Chloronaphthalene	ug/kg		ND	170	1
88-74-4	2-Nitroaniline	ug/kg		ND	870	1
131-11-3	Dimethylphthalate	ug/kg		ND	170	1
208-96-8	Acenaphthylene	ug/kg		ND	170	1
606-20-2	2,6-Dinitrotoluene	ug/kg		ND	170	1
99-09-2	3-Nitroaniline	ug/kg		ND	870	1
83-32-9	Acenaphthene	ug/kg		ND	170	1
51-28-5	2,4-Dinitrophenol	ug/kg		ND	870	1
100-02-7	4-Nitrophenol	ug/kg		ND	870	1
132-64-9	Dibenzofuran	ug/kg		ND	170	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-14
Client Sample ID: DP-084@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 21:09

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19899

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
121-14-2	2,4-Dinitrotoluene	ug/kg		ND	170	1
84-66-2	Diethylphthalate	ug/kg		ND	170	1
7005-72-3	4-Chlorophenyl-phenyl ether	ug/kg		ND	170	1
86-73-7	Fluorene	ug/kg		ND	170	1
100-01-6	4-Nitroaniline	ug/kg		ND	870	1
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg		ND	870	1
86-30-6	N-Nitrosodiphenylamine	ug/kg		ND	170	1
101-55-3	4-Bromophenyl-phenylether	ug/kg		ND	170	1
118-74-1	Hexachlorobenzene	ug/kg		ND	170	1
87-86-5	Pentachlorophenol	ug/kg		ND	870	1
85-01-8	Phenanthrene	ug/kg		ND	170	1
120-12-7	Anthracene	ug/kg		ND	170	1
84-74-2	Di-N-Butylphthalate	ug/kg		ND	170	1
206-44-0	Fluoranthene	ug/kg		ND	170	1
129-00-0	Pyrene	ug/kg		ND	170	1
85-68-7	Butylbenzylphthalate	ug/kg		ND	170	1
91-94-1	3,3'-Dichlorobenzidine	ug/kg		ND	350	1
56-55-3	Benzo(a)anthracene	ug/kg		ND	170	1
218-01-9	Chrysene	ug/kg		ND	170	1
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg		ND	170	1
117-84-0	Di-n-octylphthalate	ug/kg		ND	170	1
205-99-2	Benzo(b)fluoranthene	ug/kg		ND	170	1
207-08-9	Benzo(k)fluoranthene	ug/kg		ND	170	1
50-32-8	Benzo(a)pyrene	ug/kg		ND	170	1
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg		ND	170	1
53-70-3	Dibenzo(a,h)Anthracene	ug/kg		ND	170	1
191-24-2	Benzo(g,h,i)Perylene	ug/kg		ND	170	1

SURROGATES- In Percent Recovery:

2-Fluorophenol	38.0	(25 - 121%)
Phenol-d5	37.3	(24 - 113%)
Nitrobenzene-d5	37.2	(23 - 120%)
2-Fluorobiphenyl	37.3	(30 - 115%)
2,4,6-Tribromophenol	51.6	(19 - 122%)
p-Terphenyl-d14	67.4	(18 - 137%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-14
Client Sample ID: DP-084@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 16:20

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18043

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg		ND	110	1
71-43-2	Benzene	ug/kg		ND	5.3	1
75-27-4	Bromodichloromethane	ug/kg		ND	5.3	1
75-25-2	Bromoform	ug/kg		ND	5.3	1
74-83-9	Bromomethane	ug/kg		ND	11	1
78-93-3	2-Butanone	ug/kg		ND	110	1
75-15-0	Carbon disulfide	ug/kg		ND	5.3	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5.3	1
108-90-7	Chlorobenzene	ug/kg		ND	5.3	1
75-00-3	Chloroethane	ug/kg		ND	11	1
67-66-3	Chloroform	ug/kg		ND	5.3	1
74-87-3	Chloromethane	ug/kg		ND	11	1
124-48-1	Dibromochloromethane	ug/kg		ND	5.3	1
75-34-3	1,1-Dichloroethane	ug/kg		ND	5.3	1
107-06-2	1,2-Dichloroethane	ug/kg		ND	5.3	1
75-35-4	1,1-Dichloroethene	ug/kg		ND	5.3	1
540-59-0	1,2-Dichloroethene (Total)	ug/kg		ND	5.3	1
78-87-5	1,2-Dichloropropane	ug/kg		ND	5.3	1
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	5.3	1
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	5.3	1
100-41-4	Ethylbenzene	ug/kg		ND	5.3	1
591-78-6	2-Hexanone	ug/kg		ND	11	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	11	1
75-09-2	Methylene chloride	ug/kg		ND	5.3	1
100-42-5	Styrene	ug/kg		ND	5.3	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	5.3	1
127-18-4	Tetrachloroethene	ug/kg	17		5.3	1
108-88-3	Toluene	ug/kg		ND	5.3	1
71-55-6	1,1,1-Trichloroethane	ug/kg		ND	5.3	1
79-00-5	1,1,2-Trichloroethane	ug/kg		ND	5.3	1
79-01-6	Trichloroethene	ug/kg		ND	5.3	1
75-01-4	Vinyl chloride	ug/kg		ND	11	1
95-47-6	o-Xylene	ug/kg		ND	5.3	1
108-38-3	m-Xylene	ug/kg		ND	5.3	1
106-42-3	p-Xylene	ug/kg		ND	5.3	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-14
Client Sample ID: DP-084@6-8'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 95

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 16:20

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18043

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane.....	105		(80 - 120%)		
	1,2-Dichloroethane-d4.....	109		(80 - 120%)		
	Toluene-d8.....	108		(81 - 117%)		

RL = Reporting Limit

Login #L0002129
February 16, 2000 01:39 pm

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0002129-15
Client Sample ID: DP-085@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS

Matrix: Soil
Collected: 02/03/00 N/A

% Solid: 96
COC Info: 0626/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	96		1.0	1	N/A	TMM	02/07/00	11:15	D2216-90
Silver, Total.....	mg/kg		ND	2.1	1	N/A	ALT	02/11/00	19:55	6010B\3050A
Arsenic, Total.....	mg/kg		ND	5.2	1	N/A	ALT	02/11/00	19:55	6010B\3050A
Barium, Total.....	mg/kg	6.4		0.52	1	N/A	ALT	02/11/00	19:55	6010B\3050A
Cadmium, Total.....	mg/kg		ND	0.52	1	N/A	ALT	02/11/00	19:55	6010B\3050A
Chromium, Total.....	mg/kg	4.7		1.0	1	N/A	ALT	02/11/00	19:55	6010B\3050A
Mercury, Total.....	mg/kg		ND	0.26	1	N/A	RSS	02/08/00	10:37	7471A\7471A
Lead, Total.....	mg/kg		ND	5.2	1	N/A	ALT	02/11/00	19:55	6010B\3050A
Selenium, Total.....	mg/kg		ND,S	2.1	10	N/A	RSS	02/14/00	10:15	7740

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8081P - Organochlorine Pesticides

Lab Sample ID: L0002129-15
Client Sample ID: DP-085@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

CLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/11/00 Time: 15:28

Instrument: HP9
Analyst: ECL
Lab File ID: 9G8785

Method: 8081A\3550B
Run ID: R82836
Batch : WG71921

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
319-84-6	alpha-BHC	ug/kg		ND	1.7	1
319-85-7	beta-BHC	ug/kg		ND	1.7	1
319-86-8	delta-BHC	ug/kg		ND	1.7	1
76-44-8	Heptachlor	ug/kg		ND	1.7	1
309-00-2	Aldrin	ug/kg		ND	1.7	1
1024-57-3	Heptachlor epoxide	ug/kg		ND	1.7	1
959-98-8	Endosulfan I	ug/kg		ND	1.7	1
60-57-1	Dieldrin	ug/kg		ND	3.4	1
72-55-9	4,4'-DDE	ug/kg		ND	3.4	1
72-20-8	Endrin	ug/kg		ND	3.4	1
33213-65-9	Endosulfan II	ug/kg		ND	3.4	1
72-54-8	4,4'-DDD	ug/kg		ND	3.4	1
1031-07-8	Endosulfan sulfate	ug/kg		ND	3.4	1
50-29-3	4,4'-DDT	ug/kg		ND	3.4	1
72-43-5	Methoxychlor	ug/kg		ND	17	1
53494-70-5	Endrin ketone	ug/kg		ND	3.4	1
7421-93-4	Endrin aldehyde	ug/kg		ND	3.4	1
5103-71-9	alpha Chlordane	ug/kg		ND	1.7	1
5103-74-2	gamma Chlordane	ug/kg		ND	1.7	1
8001-35-2	Toxaphene	ug/kg		ND	34	1
58-89-9	gamma-BHC (Lindane)	ug/kg		ND	1.7	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	65.4	(29 - 133%)
Decachlorobiphenyl	107	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8082 - PCB

Lab Sample ID: L0002129-15
Client Sample ID: DP-085@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 21:30

Instrument: HP7
Analyst: SMW
Lab File ID: 7G6068R

Method: 8082\3550
Run ID: R82723
Batch : WG71913

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
12674-11-2	Aroclor-1016	ug/kg		ND	17	1
11104-28-2	Aroclor-1221	ug/kg		ND	17	1
11141-16-5	Aroclor-1232	ug/kg		ND	17	1
53469-21-9	Aroclor-1242	ug/kg		ND	17	1
12672-29-6	Aroclor-1248	ug/kg		ND	17	1
11097-69-1	Aroclor-1254	ug/kg		ND	17	1
11096-82-5	Aroclor-1260	ug/kg		ND	17	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	65.0	(29 - 133%)
Decachlorobiphenyl	102	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8150-A9 - Appendix IX Herbicides

Lab Sample ID: L0002129-15
Client Sample ID: DP-085@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 16:24

Instrument: HP1
Analyst: ECL
Lab File ID: 1G1370

Method: 8151A\3550
Run ID: R82684
Batch : WG71954

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
94-75-7	2,4-D.....	ug/kg		ND	210	1
88-85-7	Dinoseb.....	ug/kg		ND	15	1
93-72-1	Silvex.....	ug/kg		ND	42	1
93-76-5	2,4,5-T.....	ug/kg		ND	42	1

SURROGATES- In Percent Recovery:

2,4-Dichlorophenylacetic acid.....	58.8	(51 - 146%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-15
Client Sample ID: DP-085@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 21:46

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19900

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-95-2	Phenol	ug/kg		ND	170	1
111-44-4	Bis(2-Chloroethyl)ether	ug/kg		ND	170	1
95-57-8	2-Chlorophenol	ug/kg		ND	170	1
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	170	1
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	170	1
100-51-6	Benzyl alcohol	ug/kg		ND	170	1
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	170	1
95-48-7	2-Methylphenol	ug/kg		ND	170	1
108-39-4	3-Methylphenol	ug/kg		ND	170	1
108-60-1	bis(2-Chloroisopropyl)ether	ug/kg		ND	170	1
106-44-5	4-Methylphenol	ug/kg		ND	170	1
621-64-7	N-Nitroso-di-n-propylamine	ug/kg		ND	170	1
67-72-1	Hexachloroethane	ug/kg		ND	170	1
98-95-3	Nitrobenzene	ug/kg		ND	170	1
78-59-1	Isophorone	ug/kg		ND	170	1
88-75-5	2-Nitrophenol	ug/kg		ND	170	1
105-67-9	2,4-Dimethylphenol	ug/kg		ND	170	1
65-85-0	Benzoic acid	ug/kg		ND	860	1
111-91-1	Bis(2-Chloroethoxy)Methane	ug/kg		ND	170	1
120-83-2	2,4-Dichlorophenol	ug/kg		ND	170	1
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	170	1
91-20-3	Naphthalene	ug/kg		ND	170	1
106-47-8	4-Chloroaniline	ug/kg		ND	170	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	170	1
59-50-7	4-Chloro-3-methylphenol	ug/kg		ND	170	1
91-57-6	2-Methylnaphthalene	ug/kg		ND	170	1
77-47-4	Hexachlorocyclopentadiene	ug/kg		ND	170	1
88-06-2	2,4,6-Trichlorophenol	ug/kg		ND	170	1
95-95-4	2,4,5-Trichlorophenol	ug/kg		ND	860	1
91-58-7	2-Chloronaphthalene	ug/kg		ND	170	1
88-74-4	2-Nitroaniline	ug/kg		ND	860	1
131-11-3	Dimethylphthalate	ug/kg		ND	170	1
208-96-8	Acenaphthylene	ug/kg		ND	170	1
606-20-2	2,6-Dinitrotoluene	ug/kg		ND	170	1
99-09-2	3-Nitroaniline	ug/kg		ND	860	1
83-32-9	Acenaphthene	ug/kg		ND	170	1
51-28-5	2,4-Dinitrophenol	ug/kg		ND	860	1
100-02-7	4-Nitrophenol	ug/kg		ND	860	1
132-64-9	Dibenzofuran	ug/kg		ND	170	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-15
Client Sample ID: DP-085@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 21:46

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19900

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
121-14-2	2,4-Dinitrotoluene	ug/kg		ND	170	1
84-66-2	Diethylphthalate	ug/kg		ND	170	1
7005-72-3	4-Chlorophenyl-phenyl ether	ug/kg		ND	170	1
86-73-7	Fluorene	ug/kg		ND	170	1
100-01-6	4-Nitroaniline	ug/kg		ND	860	1
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg		ND	860	1
86-30-6	N-Nitrosodiphenylamine	ug/kg		ND	170	1
101-55-3	4-Bromophenyl-phenylether	ug/kg		ND	170	1
118-74-1	Hexachlorobenzene	ug/kg		ND	170	1
87-86-5	Pentachlorophenol	ug/kg		ND	860	1
85-01-8	Phenanthrene	ug/kg		ND	170	1
120-12-7	Anthracene	ug/kg		ND	170	1
84-74-2	Di-N-Butylphthalate	ug/kg		ND	170	1
206-44-0	Fluoranthene	ug/kg		ND	170	1
129-00-0	Pyrene	ug/kg		ND	170	1
85-68-7	Butylbenzylphthalate	ug/kg		ND	170	1
91-94-1	3,3'-Dichlorobenzidine	ug/kg		ND	340	1
56-55-3	Benzo(a)anthracene	ug/kg		ND	170	1
218-01-9	Chrysene	ug/kg		ND	170	1
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg		ND	170	1
117-84-0	Di-n-octylphthalate	ug/kg		ND	170	1
205-99-2	Benzo(b)fluoranthene	ug/kg		ND	170	1
207-08-9	Benzo(k)fluoranthene	ug/kg		ND	170	1
50-32-8	Benzo(a)pyrene	ug/kg		ND	170	1
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg		ND	170	1
53-70-3	Dibenzo(a,h)Anthracene	ug/kg		ND	170	1
191-24-2	Benzo(g,h,i)Perylene	ug/kg		ND	170	1

SURROGATES- In Percent Recovery:

2-Fluorophenol	44.5	(25 - 121%)
Phenol-d5	45.2	(24 - 113%)
Nitrobenzene-d5	44.7	(23 - 120%)
2-Fluorobiphenyl	46.8	(30 - 115%)
2,4,6-Tribromophenol	55.8	(19 - 122%)
p-Terphenyl-d14	69.4	(18 - 137%)

RL = Reporting Limit

Login #L0002129
February 16, 2000 01:39 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-15
Client Sample ID: DP-085@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 16:52

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18044

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg		ND	100	1
71-43-2	Benzene	ug/kg		ND	5.2	1
75-27-4	Bromodichloromethane	ug/kg		ND	5.2	1
75-25-2	Bromoform	ug/kg		ND	5.2	1
74-83-9	Bromomethane	ug/kg		ND	10	1
78-93-3	2-Butanone	ug/kg		ND	100	1
75-15-0	Carbon disulfide	ug/kg		ND	5.2	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5.2	1
108-90-7	Chlorobenzene	ug/kg		ND	5.2	1
75-00-3	Chloroethane	ug/kg		ND	10	1
67-66-3	Chloroform	ug/kg		ND	5.2	1
74-87-3	Chloromethane	ug/kg		ND	10	1
124-48-1	Dibromochloromethane	ug/kg		ND	5.2	1
75-34-3	1,1-Dichloroethane	ug/kg		ND	5.2	1
107-06-2	1,2-Dichloroethane	ug/kg		ND	5.2	1
75-35-4	1,1-Dichloroethene	ug/kg		ND	5.2	1
540-59-0	1,2-Dichloroethene (Total)	ug/kg		ND	5.2	1
78-87-5	1,2-Dichloropropane	ug/kg		ND	5.2	1
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	5.2	1
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	5.2	1
100-41-4	Ethylbenzene	ug/kg		ND	5.2	1
591-78-6	2-Hexanone	ug/kg		ND	10	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	10	1
75-09-2	Methylene chloride	ug/kg		ND	5.2	1
100-42-5	Styrene	ug/kg		ND	5.2	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	5.2	1
127-18-4	Tetrachloroethene	ug/kg	18		5.2	1
108-88-3	Toluene	ug/kg		ND	5.2	1
71-55-6	1,1,1-Trichloroethane	ug/kg		ND	5.2	1
79-00-5	1,1,2-Trichloroethane	ug/kg		ND	5.2	1
79-01-6	Trichloroethene	ug/kg		ND	5.2	1
75-01-4	Vinyl chloride	ug/kg		ND	10	1
95-47-6	o-Xylene	ug/kg		ND	5.2	1
108-38-3	m-Xylene	ug/kg		ND	5.2	1
106-42-3	p-Xylene	ug/kg		ND	5.2	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-15
Client Sample ID: DP-085@2-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 16:52

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18044

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane.....	100		(80 - 120%)		
	1,2-Dichloroethane-d4.....	104		(80 - 120%)		
	Toluene-d8.....	104		(81 - 117%)		

RL = Reporting Limit

Login #L0002129
February 16, 2000 01:39 pm

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0002129-16
Client Sample ID: DP-085@10-12'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS

Matrix: Soil
Collected: 02/03/00 N/A

% Solid: 96
COC Info: 0626/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	96		1.0	1	N/A	TMM	02/07/00	11:15	D2216-90
Silver, Total.....	mg/kg		ND	2.1	1	N/A	ALT	02/11/00	20:28	6010B\3050A
Arsenic, Total.....	mg/kg		ND	5.2	1	N/A	ALT	02/11/00	20:28	6010B\3050A
Barium, Total.....	mg/kg	13		0.52	1	N/A	ALT	02/11/00	20:28	6010B\3050A
Cadmium, Total.....	mg/kg		ND	0.52	1	N/A	ALT	02/11/00	20:28	6010B\3050A
Chromium, Total.....	mg/kg	6.5		1.0	1	N/A	ALT	02/11/00	20:28	6010B\3050A
Mercury, Total.....	mg/kg		ND	0.26	1	N/A	RSS	02/08/00	10:37	7471A\7471A
Lead, Total.....	mg/kg	5.3		5.2	1	N/A	ALT	02/11/00	20:28	6010B\3050A
Selenium, Total.....	mg/kg	1.2		1.0	5	N/A	CRC	02/13/00	11:20	7740

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8081P - Organochlorine Pesticides

Lab Sample ID: L0002129-16
Client Sample ID: DP-085@10-12'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/11/00 Time: 15:53

Instrument: HP9
Analyst: ECL
Lab File ID: 9G8786

Method: 8081A\3550B
Run ID: R82836
Batch : WG71921

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
319-84-6	alpha-BHC	ug/kg		ND	1.7	1
319-85-7	beta-BHC	ug/kg		ND	1.7	1
319-86-8	delta-BHC	ug/kg		ND	1.7	1
76-44-8	Heptachlor	ug/kg		ND	1.7	1
309-00-2	Aldrin	ug/kg		ND	1.7	1
1024-57-3	Heptachlor epoxide	ug/kg		ND	1.7	1
959-98-8	Endosulfan I	ug/kg		ND	1.7	1
60-57-1	Dieldrin	ug/kg		ND	3.4	1
72-55-9	4,4'-DDE	ug/kg		ND	3.4	1
72-20-8	Endrin	ug/kg		ND	3.4	1
33213-65-9	Endosulfan II	ug/kg		ND	3.4	1
72-54-8	4,4'-DDD	ug/kg		ND	3.4	1
1031-07-8	Endosulfan sulfate	ug/kg		ND	3.4	1
50-29-3	4,4'-DDT	ug/kg		ND	3.4	1
72-43-5	Methoxychlor	ug/kg		ND	17	1
53494-70-5	Endrin ketone	ug/kg		ND	3.4	1
7421-93-4	Endrin aldehyde	ug/kg		ND	3.4	1
5103-71-9	alpha Chlordane	ug/kg		ND	1.7	1
5103-74-2	gamma Chlordane	ug/kg		ND	1.7	1
8001-35-2	Toxaphene	ug/kg		ND	34	1
58-89-9	gamma-BHC (Lindane)	ug/kg		ND	1.7	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	73.4	(29 - 133%)
Decachlorobiphenyl	102	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8082 - PCB

Lab Sample ID: L0002129-16
Client Sample ID: DP-085@10-12'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 22:47

Instrument: HP7
Analyst: SMW
Lab File ID: 7G6071R

Method: 8082\3550
Run ID: R82723
Batch : WG71913

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
12674-11-2	Aroclor-1016	ug/kg		ND	17	1
11104-28-2	Aroclor-1221	ug/kg		ND	17	1
11141-16-5	Aroclor-1232	ug/kg		ND	17	1
53469-21-9	Aroclor-1242	ug/kg		ND	17	1
12672-29-6	Aroclor-1248	ug/kg		ND	17	1
11097-69-1	Aroclor-1254	ug/kg		ND	17	1
11096-82-5	Aroclor-1260	ug/kg		ND	17	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	75.2	(29 - 133%)
Decachlorobiphenyl	99.5	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8150-A9 - Appendix IX Herbicides

Lab Sample ID: L0002129-16
Client Sample ID: DP-085@10-12'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

CLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 16:48

Instrument: HP1
Analyst: ECL
Lab File ID: 1G1371

Method: 8151A\3550
Run ID: R82684
Batch : WG71954

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
94-75-7	2,4-D.....	ug/kg		ND	210	1
88-85-7	Dinoseb.....	ug/kg		ND	15	1
93-72-1	Silvex.....	ug/kg		ND	42	1
93-76-5	2,4,5-T.....	ug/kg		ND	42	1

SURROGATES- In Percent Recovery:

2,4-Dichlorophenylacetic acid.....	37.3	*	(51 - 146%)

L = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-16
Client Sample ID: DP-085@10-12'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 22:22

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19901

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-95-2	Phenol	ug/kg		ND	170	1
111-44-4	Bis(2-Chloroethyl)ether	ug/kg		ND	170	1
95-57-8	2-Chlorophenol	ug/kg		ND	170	1
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	170	1
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	170	1
100-51-6	Benzyl alcohol	ug/kg		ND	170	1
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	170	1
95-48-7	2-Methylphenol	ug/kg		ND	170	1
108-39-4	3-Methylphenol	ug/kg		ND	170	1
108-60-1	bis(2-Chloroisopropyl)ether	ug/kg		ND	170	1
106-44-5	4-Methylphenol	ug/kg		ND	170	1
621-64-7	N-Nitroso-di-n-propylamine	ug/kg		ND	170	1
67-72-1	Hexachloroethane	ug/kg		ND	170	1
98-95-3	Nitrobenzene	ug/kg		ND	170	1
78-59-1	Isophorone	ug/kg		ND	170	1
88-75-5	2-Nitrophenol	ug/kg		ND	170	1
105-67-9	2,4-Dimethylphenol	ug/kg		ND	170	1
65-85-0	Benzoic acid	ug/kg		ND	860	1
111-91-1	Bis(2-Chloroethoxy)Methane	ug/kg		ND	170	1
120-83-2	2,4-Dichlorophenol	ug/kg		ND	170	1
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	170	1
91-20-3	Naphthalene	ug/kg		ND	170	1
106-47-8	4-Chloroaniline	ug/kg		ND	170	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	170	1
59-50-7	4-Chloro-3-methylphenol	ug/kg		ND	170	1
91-57-6	2-Methylnaphthalene	ug/kg		ND	170	1
77-47-4	Hexachlorocyclopentadiene	ug/kg		ND	170	1
88-06-2	2,4,6-Trichlorophenol	ug/kg		ND	170	1
95-95-4	2,4,5-Trichlorophenol	ug/kg		ND	860	1
91-58-7	2-Chloronaphthalene	ug/kg		ND	170	1
88-74-4	2-Nitroaniline	ug/kg		ND	860	1
131-11-3	Dimethylphthalate	ug/kg		ND	170	1
208-96-8	Acenaphthylene	ug/kg		ND	170	1
606-20-2	2,6-Dinitrotoluene	ug/kg		ND	170	1
99-09-2	3-Nitroaniline	ug/kg		ND	860	1
83-32-9	Acenaphthene	ug/kg		ND	170	1
51-28-5	2,4-Dinitrophenol	ug/kg		ND	860	1
100-02-7	4-Nitrophenol	ug/kg		ND	860	1
132-64-9	Dibenzofuran	ug/kg		ND	170	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-16
Client Sample ID: DP-085@10-12'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 22:22

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19901

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
121-14-2	2,4-Dinitrotoluene	ug/kg		ND	170	1
84-66-2	Diethylphthalate	ug/kg		ND	170	1
7005-72-3	4-Chlorophenyl-phenyl ether	ug/kg		ND	170	1
86-73-7	Fluorene	ug/kg		ND	170	1
100-01-6	4-Nitroaniline	ug/kg		ND	860	1
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg		ND	860	1
86-30-6	N-Nitrosodiphenylamine	ug/kg		ND	170	1
101-55-3	4-Bromophenyl-phenylether	ug/kg		ND	170	1
118-74-1	Hexachlorobenzene	ug/kg		ND	170	1
87-86-5	Pentachlorophenol	ug/kg		ND	860	1
85-01-8	Phenanthrene	ug/kg		ND	170	1
120-12-7	Anthracene	ug/kg		ND	170	1
84-74-2	Di-N-Butylphthalate	ug/kg		ND	170	1
206-44-0	Fluoranthene	ug/kg		ND	170	1
129-00-0	Pyrene	ug/kg		ND	170	1
85-68-7	Butylbenzylphthalate	ug/kg		ND	170	1
91-94-1	3,3'-Dichlorobenzidine	ug/kg		ND	340	1
56-55-3	Benzo(a)anthracene	ug/kg		ND	170	1
218-01-9	Chrysene	ug/kg		ND	170	1
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg		ND	170	1
117-84-0	Di-n-octylphthalate	ug/kg		ND	170	1
205-99-2	Benzo(b)fluoranthene	ug/kg		ND	170	1
207-08-9	Benzo(k)fluoranthene	ug/kg		ND	170	1
50-32-8	Benzo(a)pyrene	ug/kg		ND	170	1
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg		ND	170	1
53-70-3	Dibenzo(a,h)Anthracene	ug/kg		ND	170	1
191-24-2	Benzo(g,h,i)Perylene	ug/kg		ND	170	1

SURROGATES- In Percent Recovery:

2-Fluorophenol	36.1	(25 - 121%)
Phenol-d5	35.7	(24 - 113%)
Nitrobenzene-d5	35.4	(23 - 120%)
2-Fluorobiphenyl	38.3	(30 - 115%)
2,4,6-Tribromophenol	46.8	(19 - 122%)
p-Terphenyl-d14	56.1	(18 - 137%)

RL = Reporting Limit

Login #L0002129
February 16, 2000 01:39 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-16
Client Sample ID: DP-085@10-12'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 17:24

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18045

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg		ND	100	1
71-43-2	Benzene	ug/kg		ND	5.2	1
75-27-4	Bromodichloromethane	ug/kg		ND	5.2	1
75-25-2	Bromoform	ug/kg		ND	5.2	1
74-83-9	Bromomethane	ug/kg		ND	10	1
78-93-3	2-Butanone	ug/kg		ND	100	1
75-15-0	Carbon disulfide	ug/kg		ND	5.2	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5.2	1
108-90-7	Chlorobenzene	ug/kg		ND	5.2	1
75-00-3	Chloroethane	ug/kg		ND	10	1
67-66-3	Chloroform	ug/kg		ND	5.2	1
74-87-3	Chloromethane	ug/kg		ND	10	1
124-48-1	Dibromochloromethane	ug/kg		ND	5.2	1
75-34-3	1,1-Dichloroethane	ug/kg		ND	5.2	1
107-06-2	1,2-Dichloroethane	ug/kg		ND	5.2	1
75-35-4	1,1-Dichloroethene	ug/kg		ND	5.2	1
540-59-0	1,2-Dichloroethene (Total)	ug/kg		ND	5.2	1
78-87-5	1,2-Dichloropropane	ug/kg		ND	5.2	1
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	5.2	1
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	5.2	1
100-41-4	Ethylbenzene	ug/kg		ND	5.2	1
591-78-6	2-Hexanone	ug/kg		ND	10	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	10	1
75-09-2	Methylene chloride	ug/kg		ND	5.2	1
100-42-5	Styrene	ug/kg		ND	5.2	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	5.2	1
127-18-4	Tetrachloroethene	ug/kg	160	D	26	5
108-88-3	Toluene	ug/kg		ND	5.2	1
71-55-6	1,1,1-Trichloroethane	ug/kg		ND	5.2	1
79-00-5	1,1,2-Trichloroethane	ug/kg		ND	5.2	1
79-01-6	Trichloroethene	ug/kg	16		5.2	1
75-01-4	Vinyl chloride	ug/kg		ND	10	1
95-47-6	o-Xylene	ug/kg		ND	5.2	1
108-38-3	m-Xylene	ug/kg		ND	5.2	1
106-42-3	p-Xylene	ug/kg		ND	5.2	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-16
Client Sample ID: DP-085@10-12'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 17:24

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18045

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane.....	102		(80 - 120%)		
	1,2-Dichloroethane-d4.....	105		(80 - 120%)		
	Toluene-d8.....	105		(81 - 117%)		

RL = Reporting Limit

Login #L0002129
February 16, 2000 01:39 pm

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0002129-17
Client Sample ID: DP-086@1-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS

Matrix: Soil
Collected: 02/03/00 N/A

% Solid: 93
COC Info: 0626/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	93		1.0	1	N/A	TMM	02/07/00	11:15	D2216-90
Silver, Total.....	mg/kg		ND	2.2	1	N/A	ALT	02/11/00	18:57	6010B\3050A
Arsenic, Total.....	mg/kg	24		5.4	1	N/A	ALT	02/11/00	18:57	6010B\3050A
Barium, Total.....	mg/kg	8.2		0.54	1	N/A	ALT	02/11/00	18:57	6010B\3050A
Cadmium, Total.....	mg/kg		ND	0.54	1	N/A	ALT	02/11/00	18:57	6010B\3050A
Chromium, Total.....	mg/kg	3.9		1.1	1	N/A	ALT	02/11/00	18:57	6010B\3050A
Mercury, Total.....	mg/kg		ND	0.27	1	N/A	RSS	02/08/00	10:37	7471A\7471A
Lead, Total.....	mg/kg		ND	5.4	1	N/A	ALT	02/11/00	18:57	6010B\3050A
Selenium, Total.....	mg/kg		ND,S	2.2	10	N/A	RSS	02/14/00	15:20	7740

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8081P - Organochlorine Pesticides

Lab Sample ID: L0002129-17
Client Sample ID: DP-086@1-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/11/00 Time: 16:17

Instrument: HP9
Analyst: ECL
Lab File ID: 9G8787

Method: 8081A\3550B
Run ID: R82836
Batch : WG71921

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
319-84-6	alpha-BHC	ug/kg		ND	1.8	1
319-85-7	beta-BHC	ug/kg		ND	1.8	1
319-86-8	delta-BHC	ug/kg		ND	1.8	1
76-44-8	Heptachlor	ug/kg		ND	1.8	1
309-00-2	Aldrin	ug/kg		ND	1.8	1
1024-57-3	Heptachlor epoxide	ug/kg		ND	1.8	1
959-98-8	Endosulfan I	ug/kg		ND	1.8	1
60-57-1	Dieldrin	ug/kg		ND	3.5	1
72-55-9	4,4'-DDE	ug/kg		ND	3.5	1
72-20-8	Endrin	ug/kg		ND	3.5	1
33213-65-9	Endosulfan II	ug/kg		ND	3.5	1
72-54-8	4,4'-DDD	ug/kg		ND	3.5	1
1031-07-8	Endosulfan sulfate	ug/kg		ND	3.5	1
50-29-3	4,4'-DDT	ug/kg		ND	3.5	1
72-43-5	Methoxychlor	ug/kg		ND	18	1
53494-70-5	Endrin ketone	ug/kg		ND	3.5	1
7421-93-4	Endrin aldehyde	ug/kg		ND	3.5	1
5103-71-9	alpha Chlordane	ug/kg		ND	1.8	1
5103-74-2	gamma Chlordane	ug/kg		ND	1.8	1
8001-35-2	Toxaphene	ug/kg		ND	35	1
58-89-9	gamma-BHC (Lindane)	ug/kg		ND	1.8	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	62.2	(29 - 133%)
Decachlorobiphenyl	84.1	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8082 - PCB

Lab Sample ID: L0002129-17
Client Sample ID: DP-086@1-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 23:13

Instrument: HP7
Analyst: SMW
Lab File ID: 7G6072R

Method: 8082\3550
Run ID: R82723
Batch : WG71913

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
12674-11-2	Aroclor-1016	ug/kg		ND	18	1
11104-28-2	Aroclor-1221	ug/kg		ND	18	1
11141-16-5	Aroclor-1232	ug/kg		ND	18	1
53469-21-9	Aroclor-1242	ug/kg		ND	18	1
12672-29-6	Aroclor-1248	ug/kg		ND	18	1
11097-69-1	Aroclor-1254	ug/kg		ND	18	1
11096-82-5	Aroclor-1260	ug/kg		ND	18	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	51.8	(29 - 133%)
Decachlorobiphenyl	67.7	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8150-A9 - Appendix IX Herbicides

Lab Sample ID: L0002129-17
Client Sample ID: DP-086@1-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 17:11

Instrument: HP1
Analyst: ECL
Lab File ID: 1G1372

Method: 8151A\3550
Run ID: R82684
Batch : WG71954

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
94-75-7	2,4-D.....	ug/kg		ND	220	1
88-85-7	Dinoseb.....	ug/kg		ND	15	1
93-72-1	Silvex.....	ug/kg		ND	43	1
93-76-5	2,4,5-T.....	ug/kg		ND	43	1

SURROGATES- In Percent Recovery:

2,4-Dichlorophenylacetic acid..... 44.9 * (51 - 146%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-17
Client Sample ID: DP-086@1-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 22:59

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19902

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-95-2	Phenol	ug/kg		ND	180	1
111-44-4	Bis(2-Chloroethyl)ether	ug/kg		ND	180	1
95-57-8	2-Chlorophenol	ug/kg		ND	180	1
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	180	1
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	180	1
100-51-6	Benzyl alcohol	ug/kg		ND	180	1
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	180	1
95-48-7	2-Methylphenol	ug/kg		ND	180	1
108-39-4	3-Methylphenol	ug/kg		ND	180	1
108-60-1	bis(2-Chloroisopropyl)ether	ug/kg		ND	180	1
106-44-5	4-Methylphenol	ug/kg		ND	180	1
621-64-7	N-Nitroso-di-n-propylamine	ug/kg		ND	180	1
67-72-1	Hexachloroethane	ug/kg		ND	180	1
98-95-3	Nitrobenzene	ug/kg		ND	180	1
78-59-1	Isophorone	ug/kg		ND	180	1
88-75-5	2-Nitrophenol	ug/kg		ND	180	1
105-67-9	2,4-Dimethylphenol	ug/kg		ND	180	1
65-85-0	Benzoic acid	ug/kg		ND	890	1
111-91-1	Bis(2-Chloroethoxy)Methane	ug/kg		ND	180	1
120-83-2	2,4-Dichlorophenol	ug/kg		ND	180	1
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	180	1
91-20-3	Naphthalene	ug/kg		ND	180	1
106-47-8	4-Chloroaniline	ug/kg		ND	180	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	180	1
59-50-7	4-Chloro-3-methylphenol	ug/kg		ND	180	1
91-57-6	2-Methylnaphthalene	ug/kg		ND	180	1
77-47-4	Hexachlorocyclopentadiene	ug/kg		ND	180	1
88-06-2	2,4,6-Trichlorophenol	ug/kg		ND	180	1
95-95-4	2,4,5-Trichlorophenol	ug/kg		ND	890	1
91-58-7	2-Chloronaphthalene	ug/kg		ND	180	1
88-74-4	2-Nitroaniline	ug/kg		ND	890	1
131-11-3	Dimethylphthalate	ug/kg		ND	180	1
208-96-8	Acenaphthylene	ug/kg		ND	180	1
606-20-2	2,6-Dinitrotoluene	ug/kg		ND	180	1
99-09-2	3-Nitroaniline	ug/kg		ND	890	1
83-32-9	Acenaphthene	ug/kg		ND	180	1
51-28-5	2,4-Dinitrophenol	ug/kg		ND	890	1
100-02-7	4-Nitrophenol	ug/kg		ND	890	1
132-64-9	Dibenzofuran	ug/kg		ND	180	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-17
Client Sample ID: DP-086@1-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 22:59

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19902

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
121-14-2	2,4-Dinitrotoluene	ug/kg		ND	180	1
84-66-2	Diethylphthalate	ug/kg		ND	180	1
7005-72-3	4-Chlorophenyl-phenyl ether	ug/kg		ND	180	1
86-73-7	Fluorene	ug/kg		ND	180	1
100-01-6	4-Nitroaniline	ug/kg		ND	890	1
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg		ND	890	1
86-30-6	N-Nitrosodiphenylamine	ug/kg		ND	180	1
101-55-3	4-Bromophenyl-phenylether	ug/kg		ND	180	1
118-74-1	Hexachlorobenzene	ug/kg		ND	180	1
87-86-5	Pentachlorophenol	ug/kg		ND	890	1
85-01-8	Phenanthrene	ug/kg		ND	180	1
120-12-7	Anthracene	ug/kg		ND	180	1
84-74-2	Di-N-Butylphthalate	ug/kg		ND	180	1
206-44-0	Fluoranthene	ug/kg		ND	180	1
129-00-0	Pyrene	ug/kg		ND	180	1
85-68-7	Butylbenzylphthalate	ug/kg		ND	180	1
91-94-1	3,3'-Dichlorobenzidine	ug/kg		ND	350	1
56-55-3	Benzo(a)anthracene	ug/kg		ND	180	1
218-01-9	Chrysene	ug/kg		ND	180	1
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	210		180	1
117-84-0	Di-n-octylphthalate	ug/kg		ND	180	1
205-99-2	Benzo(b)fluoranthene	ug/kg		ND	180	1
207-08-9	Benzo(k)fluoranthene	ug/kg		ND	180	1
50-32-8	Benzo(a)pyrene	ug/kg		ND	180	1
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg		ND	180	1
53-70-3	Dibenzo(a,h)Anthracene	ug/kg		ND	180	1
191-24-2	Benzo(g,h,i)Perylene	ug/kg		ND	180	1

SURROGATES- In Percent Recovery:

2-Fluorophenol	47.5		(25 - 121%)
Phenol-d5	53.5		(24 - 113%)
Nitrobenzene-d5	61.6		(23 - 120%)
2-Fluorobiphenyl	13.7	*	(30 - 115%)
2,4,6-Tribromophenol	59.5		(19 - 122%)
p-Terphenyl-d14	68.3		(18 - 137%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-17
Client Sample ID: DP-086@1-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 17:57

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18046

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg		ND	110	1
71-43-2	Benzene	ug/kg		ND	5.4	1
75-27-4	Bromodichloromethane	ug/kg		ND	5.4	1
75-25-2	Bromoform	ug/kg		ND	5.4	1
74-83-9	Bromomethane	ug/kg		ND	11	1
78-93-3	2-Butanone	ug/kg		ND	110	1
75-15-0	Carbon disulfide	ug/kg		ND	5.4	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5.4	1
108-90-7	Chlorobenzene	ug/kg		ND	5.4	1
75-00-3	Chloroethane	ug/kg		ND	11	1
67-66-3	Chloroform	ug/kg		ND	5.4	1
74-87-3	Chloromethane	ug/kg		ND	11	1
124-48-1	Dibromochloromethane	ug/kg		ND	5.4	1
75-34-3	1,1-Dichloroethane	ug/kg		ND	5.4	1
107-06-2	1,2-Dichloroethane	ug/kg		ND	5.4	1
75-35-4	1,1-Dichloroethene	ug/kg		ND	5.4	1
540-59-0	1,2-Dichloroethene (Total)	ug/kg		ND	5.4	1
78-87-5	1,2-Dichloropropane	ug/kg		ND	5.4	1
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	5.4	1
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	5.4	1
100-41-4	Ethylbenzene	ug/kg		ND	5.4	1
591-78-6	2-Hexanone	ug/kg		ND	11	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	11	1
75-09-2	Methylene chloride	ug/kg		ND	5.4	1
100-42-5	Styrene	ug/kg		ND	5.4	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	5.4	1
127-18-4	Tetrachloroethene	ug/kg		ND	5.4	1
108-88-3	Toluene	ug/kg		ND	5.4	1
71-55-6	1,1,1-Trichloroethane	ug/kg		ND	5.4	1
79-00-5	1,1,2-Trichloroethane	ug/kg		ND	5.4	1
79-01-6	Trichloroethene	ug/kg		ND	5.4	1
75-01-4	Vinyl chloride	ug/kg		ND	11	1
95-47-6	o-Xylene	ug/kg		ND	5.4	1
108-38-3	m-Xylene	ug/kg		ND	5.4	1
106-42-3	p-Xylene	ug/kg		ND	5.4	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-17
Client Sample ID: DP-086@1-4'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

CLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 17:57

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18046

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane.....	100		(80 - 120%)		
	1,2-Dichloroethane-d4.....	104		(80 - 120%)		
	Toluene-d8.....	103		(81 - 117%)		

L = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0002129-18
lient Sample ID: DP-086@1-4'/DUP
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS

Matrix: Soil
Collected: 02/03/00 N/A

% Solid: 94
COC Info: 0626/

nalyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
ercent Solids.....	weight %	94		1.0	1	N/A	TMM	02/07/00	11:15	D2216-90
ilver, Total.....	mg/kg		ND	2.1	1	N/A	ALT	02/11/00	19:01	6010B\3050A
rsenic, Total.....	mg/kg	16		5.3	1	N/A	ALT	02/11/00	19:01	6010B\3050A
arium, Total.....	mg/kg	10		0.53	1	N/A	ALT	02/11/00	19:01	6010B\3050A
admium, Total.....	mg/kg		ND	0.53	1	N/A	ALT	02/11/00	19:01	6010B\3050A
hromium, Total.....	mg/kg	6.0		1.1	1	N/A	ALT	02/11/00	19:01	6010B\3050A
ercury, Total.....	mg/kg		ND	0.27	1	N/A	RSS	02/08/00	10:37	7471A\7471A
ead, Total.....	mg/kg		ND	5.3	1	N/A	ALT	02/11/00	19:01	6010B\3050A
elenium, Total.....	mg/kg		ND,S	1.1	5	N/A	CRC	02/13/00	11:20	7740

L = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8081P - Organochlorine Pesticides

Lab Sample ID: L0002129-18
Client Sample ID: DP-086@1-4'/DUP
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 94

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/11/00 Time: 16:42

Instrument: HP9
Analyst: ECL
Lab File ID: 9G8788

Method: 8081A\3550B
Run ID: R82836
Batch : WG71921

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
319-84-6	alpha-BHC	ug/kg		ND	1.8	1
319-85-7	beta-BHC	ug/kg		ND	1.8	1
319-86-8	delta-BHC	ug/kg		ND	1.8	1
76-44-8	Heptachlor	ug/kg		ND	1.8	1
309-00-2	Aldrin	ug/kg		ND	1.8	1
1024-57-3	Heptachlor epoxide	ug/kg		ND	1.8	1
959-98-8	Endosulfan I	ug/kg		ND	1.8	1
60-57-1	Dieldrin	ug/kg		ND	3.5	1
72-55-9	4,4'-DDE	ug/kg		ND	3.5	1
72-20-8	Endrin	ug/kg		ND	3.5	1
33213-65-9	Endosulfan II	ug/kg		ND	3.5	1
72-54-8	4,4'-DDD	ug/kg		ND	3.5	1
1031-07-8	Endosulfan sulfate	ug/kg		ND	3.5	1
50-29-3	4,4'-DDT	ug/kg		ND	3.5	1
72-43-5	Methoxychlor	ug/kg		ND	18	1
53494-70-5	Endrin ketone	ug/kg		ND	3.5	1
7421-93-4	Endrin aldehyde	ug/kg		ND	3.5	1
5103-71-9	alpha Chlordane	ug/kg		ND	1.8	1
5103-74-2	gamma Chlordane	ug/kg		ND	1.8	1
8001-35-2	Toxaphene	ug/kg		ND	35	1
58-89-9	gamma-BHC (Lindane)	ug/kg		ND	1.8	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	59.4	(29 - 133%)
Decachlorobiphenyl	84.4	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8082 - PCB

Lab Sample ID: L0002129-18
Client Sample ID: DP-086@1-4'/DUP
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 94

CLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 23:39

Instrument: HP7
Analyst: SMW
Lab File ID: 7G6073R

Method: 8082\3550
Run ID: R82723
Batch : WG71913

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
12674-11-2	Aroclor-1016	ug/kg		ND	18	1
11104-28-2	Aroclor-1221	ug/kg		ND	18	1
11141-16-5	Aroclor-1232	ug/kg		ND	18	1
53469-21-9	Aroclor-1242	ug/kg		ND	18	1
12672-29-6	Aroclor-1248	ug/kg		ND	18	1
11097-69-1	Aroclor-1254	ug/kg		ND	18	1
11096-82-5	Aroclor-1260	ug/kg		ND	18	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	51.0	(29 - 133%)
Decachlorobiphenyl	68.1	(30 - 173%)

L = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8150-A9 - Appendix IX Herbicides

Lab Sample ID: L0002129-18
Client Sample ID: DP-086@1-4'/DUP
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 94

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/09/00 Time: 17:58

Instrument: HPl
Analyst: ECL
Lab File ID: 1G1374

Method: 8151A\3550
Run ID: R82684
Batch : WG71954

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
94-75-7	2,4-D.....	ug/kg		ND	210	1
88-85-7	Dinoseb.....	ug/kg		ND	15	1
93-72-1	Silvex.....	ug/kg		ND	43	1
93-76-5	2,4,5-T.....	ug/kg		ND	43	1

SURROGATES- In Percent Recovery:

2,4-Dichlorophenylacetic acid.....	102	(51 - 146%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-18
Client Sample ID: DP-086@1-4'/DUP
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 94

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 23:35

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19903

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-95-2	Phenol	ug/kg		ND	180	1
111-44-4	Bis(2-Chloroethyl)ether	ug/kg		ND	180	1
95-57-8	2-Chlorophenol	ug/kg		ND	180	1
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	180	1
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	180	1
100-51-6	Benzyl alcohol	ug/kg		ND	180	1
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	180	1
95-48-7	2-Methylphenol	ug/kg		ND	180	1
108-39-4	3-Methylphenol	ug/kg		ND	180	1
108-60-1	bis(2-Chloroisopropyl)ether	ug/kg		ND	180	1
106-44-5	4-Methylphenol	ug/kg		ND	180	1
621-64-7	N-Nitroso-di-n-propylamine	ug/kg		ND	180	1
67-72-1	Hexachloroethane	ug/kg		ND	180	1
98-95-3	Nitrobenzene	ug/kg		ND	180	1
78-59-1	Isophorone	ug/kg		ND	180	1
88-75-5	2-Nitrophenol	ug/kg		ND	180	1
105-67-9	2,4-Dimethylphenol	ug/kg		ND	180	1
65-85-0	Benzoic acid	ug/kg		ND	880	1
111-91-1	Bis(2-Chloroethoxy)Methane	ug/kg		ND	180	1
120-83-2	2,4-Dichlorophenol	ug/kg		ND	180	1
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	180	1
91-20-3	Naphthalene	ug/kg		ND	180	1
106-47-8	4-Chloroaniline	ug/kg		ND	180	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	180	1
59-50-7	4-Chloro-3-methylphenol	ug/kg		ND	180	1
91-57-6	2-Methylnaphthalene	ug/kg		ND	180	1
77-47-4	Hexachlorocyclopentadiene	ug/kg		ND	180	1
88-06-2	2,4,6-Trichlorophenol	ug/kg		ND	180	1
95-95-4	2,4,5-Trichlorophenol	ug/kg		ND	880	1
91-58-7	2-Chloronaphthalene	ug/kg		ND	180	1
88-74-4	2-Nitroaniline	ug/kg		ND	880	1
131-11-3	Dimethylphthalate	ug/kg		ND	180	1
208-96-8	Acenaphthylene	ug/kg		ND	180	1
606-20-2	2,6-Dinitrotoluene	ug/kg		ND	180	1
99-09-2	3-Nitroaniline	ug/kg		ND	880	1
83-32-9	Acenaphthene	ug/kg		ND	180	1
51-28-5	2,4-Dinitrophenol	ug/kg		ND	880	1
100-02-7	4-Nitrophenol	ug/kg		ND	880	1
132-64-9	Dibenzofuran	ug/kg		ND	180	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-18
Client Sample ID: DP-086@1-4'/DUP
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 94

TCLP Extract Date: N/A
Extract Date: 02/04/00
Analysis Date: 02/07/00 Time: 23:35

Instrument: HPMS3
Analyst: CLK
Lab File ID: 3M19903

Method: 8270C\3550B
Run ID: R82472
Batch : WG71857

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
121-14-2	2,4-Dinitrotoluene	ug/kg		ND	180	1
84-66-2	Diethylphthalate	ug/kg		ND	180	1
7005-72-3	4-Chlorophenyl-phenyl ether	ug/kg		ND	180	1
86-73-7	Fluorene	ug/kg		ND	180	1
100-01-6	4-Nitroaniline	ug/kg		ND	880	1
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg		ND	880	1
86-30-6	N-Nitrosodiphenylamine	ug/kg		ND	180	1
101-55-3	4-Bromophenyl-phenylether	ug/kg		ND	180	1
118-74-1	Hexachlorobenzene	ug/kg		ND	180	1
87-86-5	Pentachlorophenol	ug/kg		ND	880	1
85-01-8	Phenanthrene	ug/kg		ND	180	1
120-12-7	Anthracene	ug/kg		ND	180	1
84-74-2	Di-N-Butylphthalate	ug/kg		ND	180	1
206-44-0	Fluoranthene	ug/kg		ND	180	1
129-00-0	Pyrene	ug/kg		ND	180	1
85-68-7	Butylbenzylphthalate	ug/kg		ND	180	1
91-94-1	3,3'-Dichlorobenzidine	ug/kg		ND	350	1
56-55-3	Benzo(a)anthracene	ug/kg		ND	180	1
218-01-9	Chrysene	ug/kg		ND	180	1
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	190		180	1
117-84-0	Di-n-octylphthalate	ug/kg		ND	180	1
205-99-2	Benzo(b)fluoranthene	ug/kg		ND	180	1
207-08-9	Benzo(k)fluoranthene	ug/kg		ND	180	1
50-32-8	Benzo(a)pyrene	ug/kg		ND	180	1
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg		ND	180	1
53-70-3	Dibenzo(a,h)Anthracene	ug/kg		ND	180	1
191-24-2	Benzo(g,h,i)Perylene	ug/kg		ND	180	1

SURROGATES- In Percent Recovery:

2-Fluorophenol	46.6		(25 - 121%)
Phenol-d5	50.7		(24 - 113%)
Nitrobenzene-d5	56.0		(23 - 120%)
2-Fluorobiphenyl	13.7	*	(30 - 115%)
2,4,6-Tribromophenol	62.0		(19 - 122%)
p-Terphenyl-d14	78.0		(18 - 137%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-18
Client Sample ID: DP-086@1-4'/DUP
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 94

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 18:29

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18047

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg		ND	110	1
71-43-2	Benzene	ug/kg		ND	5.3	1
75-27-4	Bromodichloromethane	ug/kg		ND	5.3	1
75-25-2	Bromoform	ug/kg		ND	5.3	1
74-83-9	Bromomethane	ug/kg		ND	11	1
78-93-3	2-Butanone	ug/kg		ND	110	1
75-15-0	Carbon disulfide	ug/kg		ND	5.3	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5.3	1
108-90-7	Chlorobenzene	ug/kg		ND	5.3	1
75-00-3	Chloroethane	ug/kg		ND	11	1
67-66-3	Chloroform	ug/kg		ND	5.3	1
74-87-3	Chloromethane	ug/kg		ND	11	1
124-48-1	Dibromochloromethane	ug/kg		ND	5.3	1
75-34-3	1,1-Dichloroethane	ug/kg		ND	5.3	1
107-06-2	1,2-Dichloroethane	ug/kg		ND	5.3	1
75-35-4	1,1-Dichloroethene	ug/kg		ND	5.3	1
540-59-0	1,2-Dichloroethene (Total)	ug/kg		ND	5.3	1
78-87-5	1,2-Dichloropropane	ug/kg		ND	5.3	1
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	5.3	1
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	5.3	1
100-41-4	Ethylbenzene	ug/kg		ND	5.3	1
591-78-6	2-Hexanone	ug/kg		ND	11	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	11	1
75-09-2	Methylene chloride	ug/kg		ND	5.3	1
100-42-5	Styrene	ug/kg		ND	5.3	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	5.3	1
127-18-4	Tetrachloroethene	ug/kg		ND	5.3	1
108-88-3	Toluene	ug/kg		ND	5.3	1
71-55-6	1,1,1-Trichloroethane	ug/kg		ND	5.3	1
79-00-5	1,1,2-Trichloroethane	ug/kg		ND	5.3	1
79-01-6	Trichloroethene	ug/kg		ND	5.3	1
75-01-4	Vinyl chloride	ug/kg		ND	11	1
95-47-6	o-Xylene	ug/kg		ND	5.3	1
108-38-3	m-Xylene	ug/kg		ND	5.3	1
106-42-3	p-Xylene	ug/kg		ND	5.3	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP-5030 - Volatile Organics

Lab Sample ID: L0002129-18
Client Sample ID: DP-086@1-4'/DUP
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 94

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 02/11/00 Time: 18:29

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M18047

Method: 8260A\5030
Run ID: R82842
Batch : WG72119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane.....	101		(80 - 120%)		
	1,2-Dichloroethane-d4.....	106		(80 - 120%)		
	Toluene-d8.....	103		(81 - 117%)		

RL = Reporting Limit

Login #L0002129
February 16, 2000 01:39 pm

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0002129-19
Client Sample ID: DP-086@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS

Matrix: Soil
Collected: 02/03/00 N/A

% Solid: 96
COC Info: 0626/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	96		1.0	1	N/A	TMM	02/10/00	11:10	D2216-90

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8081P - Organochlorine Pesticides

Lab Sample ID: L0002129-19
Client Sample ID: DP-086@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/10/00 Time: 15:00

Instrument: HP9
Analyst: ECL
Lab File ID: 9G8728

Method: 8081A\3550B
Run ID: R82790
Batch : WG71922

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
319-84-6	alpha-BHC	ug/kg		ND	1.7	1
319-85-7	beta-BHC	ug/kg		ND	1.7	1
319-86-8	delta-BHC	ug/kg		ND	1.7	1
76-44-8	Heptachlor	ug/kg		ND	1.7	1
309-00-2	Aldrin	ug/kg		ND	1.7	1
1024-57-3	Heptachlor epoxide	ug/kg		ND	1.7	1
959-98-8	Endosulfan I	ug/kg		ND	1.7	1
60-57-1	Dieldrin	ug/kg		ND	3.4	1
72-55-9	4,4'-DDE	ug/kg		ND	3.4	1
72-20-8	Endrin	ug/kg		ND	3.4	1
33213-65-9	Endosulfan II	ug/kg		ND	3.4	1
72-54-8	4,4'-DDD	ug/kg		ND	3.4	1
1031-07-8	Endosulfan sulfate	ug/kg		ND	3.4	1
50-29-3	4,4'-DDT	ug/kg		ND	3.4	1
72-43-5	Methoxychlor	ug/kg		ND	17	1
53494-70-5	Endrin ketone	ug/kg		ND	3.4	1
7421-93-4	Endrin aldehyde	ug/kg		ND	3.4	1
5103-71-9	alpha Chlordane	ug/kg		ND	1.7	1
5103-74-2	gamma Chlordane	ug/kg		ND	1.7	1
8001-35-2	Toxaphene	ug/kg		ND	34	1
58-89-9	gamma-BHC (Lindane)	ug/kg		ND	1.7	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	71.5	(29 - 133%)
Decachlorobiphenyl	95.2	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8082 - PCB

Lab Sample ID: L0002129-19
Client Sample ID: DP-086@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/08/00 Time: 20:57

Instrument: HP7
Analyst: SMW
Lab File ID: 7G6024

Method: 8082\3550
Run ID: R82689
Batch : WG71914

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
12674-11-2	Aroclor-1016	ug/kg		ND	17	1
11104-28-2	Aroclor-1221	ug/kg		ND	17	1
11141-16-5	Aroclor-1232	ug/kg		ND	17	1
53469-21-9	Aroclor-1242	ug/kg		ND	17	1
12672-29-6	Aroclor-1248	ug/kg		ND	17	1
11097-69-1	Aroclor-1254	ug/kg		ND	17	1
11096-82-5	Aroclor-1260	ug/kg		ND	17	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	70.1	(29 - 133%)
Decachlorobiphenyl	89.6	(30 - 173%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8150-A9 - Appendix IX Herbicides

Lab Sample ID: L0002129-19
Client Sample ID: DP-086@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/02/00
Analysis Date: 02/10/00 Time: 16:31

Instrument: HP1
Analyst: ECL
Lab File ID: 1G1383

Method: 8151A\3550
Run ID: R82780
Batch : WG72075

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
94-75-7	2,4-D.....	ug/kg		ND	210	1
88-85-7	Dinoseb.....	ug/kg		ND	15	1
93-72-1	Silvex.....	ug/kg		ND	42	1
93-76-5	2,4,5-T.....	ug/kg		ND	42	1

SURROGATES- In Percent Recovery:

2,4-Dichlorophenylacetic acid.....	71.6	(51 - 146%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-19
Client Sample ID: DP-086@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/08/00 Time: 11:46

Instrument: HPMS4
Analyst: MDC
Lab File ID: 4M2217

Method: 8270C\3550B
Run ID: R82519
Batch : WG71978

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-95-2	Phenol	ug/kg		ND	170	1
111-44-4	Bis(2-Chloroethyl)ether	ug/kg		ND	170	1
95-57-8	2-Chlorophenol	ug/kg		ND	170	1
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	170	1
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	170	1
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	170	1
95-48-7	2-Methylphenol	ug/kg		ND	170	1
108-60-1	bis(2-Chloroisopropyl)ether	ug/kg		ND	170	1
106-44-5	4-Methylphenol	ug/kg		ND	170	1
621-64-7	N-Nitroso-di-n-propylamine	ug/kg		ND	170	1
67-72-1	Hexachloroethane	ug/kg		ND	170	1
98-95-3	Nitrobenzene	ug/kg		ND	170	1
78-59-1	Isophorone	ug/kg		ND	170	1
88-75-5	2-Nitrophenol	ug/kg		ND	170	1
105-67-9	2,4-Dimethylphenol	ug/kg		ND	170	1
111-91-1	Bis(2-Chloroethoxy)Methane	ug/kg		ND	170	1
120-83-2	2,4-Dichlorophenol	ug/kg		ND	170	1
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	170	1
91-20-3	Naphthalene	ug/kg		ND	170	1
106-47-8	4-Chloroaniline	ug/kg		ND	170	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	170	1
59-50-7	4-Chloro-3-methylphenol	ug/kg		ND	170	1
91-57-6	2-Methylnaphthalene	ug/kg		ND	170	1
77-47-4	Hexachlorocyclopentadiene	ug/kg		ND	170	1
88-06-2	2,4,6-Trichlorophenol	ug/kg		ND	170	1
95-95-4	2,4,5-Trichlorophenol	ug/kg		ND	860	1
91-58-7	2-Chloronaphthalene	ug/kg		ND	170	1
88-74-4	2-Nitroaniline	ug/kg		ND	860	1
131-11-3	Dimethylphthalate	ug/kg		ND	170	1
208-96-8	Acenaphthylene	ug/kg		ND	170	1
606-20-2	2,6-Dinitrotoluene	ug/kg		ND	170	1
99-09-2	3-Nitroaniline	ug/kg		ND	860	1
83-32-9	Acenaphthene	ug/kg		ND	170	1
51-28-5	2,4-Dinitrophenol	ug/kg		ND	860	1
100-02-7	4-Nitrophenol	ug/kg		ND	860	1
132-64-9	Dibenzofuran	ug/kg		ND	170	1
121-14-2	2,4-Dinitrotoluene	ug/kg		ND	170	1
84-66-2	Diethylphthalate	ug/kg		ND	170	1
7005-72-3	4-Chlorophenyl-phenyl ether	ug/kg		ND	170	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-VAP2 - Semivolatile Compounds

Lab Sample ID: L0002129-19
Client Sample ID: DP-086@14-16'
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: 0626/
Date Collected: 02/03/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 96

TCLP Extract Date: N/A
Extract Date: 02/07/00
Analysis Date: 02/08/00 Time: 11:46

Instrument: HPMS4
Analyst: MDC
Lab File ID: 4M2217

Method: 8270C\3550B
Run ID: R82519
Batch : WG71978

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
86-73-7	Fluorene	ug/kg		ND	170	1
100-01-6	4-Nitroaniline	ug/kg		ND	860	1
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg		ND	860	1
86-30-6	N-Nitrosodiphenylamine	ug/kg		ND	170	1
101-55-3	4-Bromophenyl-phenylether	ug/kg		ND	170	1
118-74-1	Hexachlorobenzene	ug/kg		ND	170	1
87-86-5	Pentachlorophenol	ug/kg		ND	860	1
85-01-8	Phenanthrene	ug/kg		ND	170	1
120-12-7	Anthracene	ug/kg		ND	170	1
84-74-2	Di-N-Butylphthalate	ug/kg		ND	170	1
206-44-0	Fluoranthene	ug/kg		ND	170	1
129-00-0	Pyrene	ug/kg		ND	170	1
85-68-7	Butylbenzylphthalate	ug/kg		ND	170	1
91-94-1	3,3'-Dichlorobenzidine	ug/kg		ND	340	1
56-55-3	Benzo(a)anthracene	ug/kg		ND	170	1
218-01-9	Chrysene	ug/kg		ND	170	1
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg		ND	170	1
117-84-0	Di-n-octylphthalate	ug/kg		ND	170	1
205-99-2	Benzo(b)fluoranthene	ug/kg		ND	170	1
207-08-9	Benzo(k)fluoranthene	ug/kg		ND	170	1
50-32-8	Benzo(a)pyrene	ug/kg		ND	170	1
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg		ND	170	1
53-70-3	Dibenzo(a,h)Anthracene	ug/kg		ND	170	1
191-24-2	Benzo(g,h,i)Perylene	ug/kg		ND	170	1
86-74-8	Carbazole	ug/kg		ND	170	1

SURROGATES- In Percent Recovery:

2-Fluorophenol	54.1	(25 - 121%)
Phenol-d5	54.8	(24 - 113%)
Nitrobenzene-d5	53.9	(23 - 120%)
2-Fluorobiphenyl	48.9	(30 - 115%)
2,4,6-Tribromophenol	68.0	(19 - 122%)
p-Terphenyl-d14	84.2	(18 - 137%)

RL = Reporting Limit