KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 24	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	DP069/34 36	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69007
Analysis Date	07/02/99 Time 03 41	Lab File ID	9M3805	Batch	WG60497

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41 4	Ethylbenzene	ug/L		ND	5 0	1
	n Hexane	ug/L		ND	10	1
591 78 6	2 Hexanone	ug/L		ND	10	1
87 68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82 8	Isopropylbenzene	ug/L		ND	5 0	1
99 87 6	p Isopropyltoluene	ug/L		ND	5 0	1
108 10 1	4 Methyl 2 pentanone	ug/L		ND	10	1
75 09 2	Methylene chloride	ug/L		ND	5 0	1
91 20 3	Naphthalene	ug/L		ND	10	1
103 65 1	n Propylbenzene	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
79 34 5	1 1 2 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
87 61 6	1 2 3 Trichlorobenzene	ug/L		ND	5 0	1
120 82 1	1 2 4 Trichlorobenzene	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 69 4	Trichlorofluoromethane	ug/L		ND	10	1
96 18 4	1 2 3 Trichloropropane	ug/L		ND	5 0	1
95 63 6	1 2 4 Trimethylbenzene	ug/L		ND	5 0	1
108 67 8	1 3 5 Trimethylbenzene	ug/L		ND	5 0	1
108 05 4	Vinyl acetate	ug/L		ND	10	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

SURROGATES In Percent Recovery

Dibromofluoromethane	104	(86 118%)
1 2 Dichloroethane d4	108	(80 120%)
Toluene d8	106	(88 110%)
4 Bromofluorobenzene	108	(86 115%)

RL R po t ng L m t

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 25	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	DP071/38 40	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R68819
Analysis Date	06/29/99 Time 07 13	Lab File ID	9M3730	Batch	WG60200

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
108 86 1	Bromobenzene	ug/L		ND	5 0	1
74 97 5	Bromochloromethane	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
104 51 8	n Butylbenzene	ug/L		ND	5 0	1
135 98 8	sec Butylbenzene	ug/L		ND	5 0	1
98 06 6	tert Butylbenzene	ug/L		ND	5 0	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
124 48 1	Chlorodibromomethane	ug/L		ND	5 0	1
75 00 3	Chloroethane	ug/L		ND	10	1
110 75 8	2 Chloroethyl vinyl ether	ug/L		ND	10	1
67 66 3	Chloroform	ug/L		ND	5 0	1
74 87 3	Chloromethane	ug/L		ND	10	1
95 49 8	2 Chlorotoluene	ug/L		ND	5 0	1
106 43 4	4 Chlorotoluene	ug/L		ND	5 0	1
96 12 8	1 2 Dibromo 3 chloropropane	ug/L		ND	5 0	1
106 93 4	1 2 Dibromoethane	ug/L		ND	5 0	1
74 95 3	Dibromomethane	ug/L		ND	5 0	1
95 50 1	1 2 Dichlorobenzene	ug/L		ND	5 0	1
541 73 1	1 3 Dichlorobenzene	ug/L		ND	5 0	1
106 46 7	1 4 Dichlorobenzene	ug/L		ND	5 0	1
75 71 8	Dichlorodifluoromethane	ug/L		ND	10	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
156 59 2	cis 1 2 Dichloroethene	ug/L		ND	5 0	1
156 60 5	trans 1 2 Dichloroethene	ug/L		ND	5 0	1
78 87 5	1 2 Dichloropropane	ug/L		ND	5 0	1
142 28 9	1 3 Dichloropropane	ug/L		ND	5 0	1
594 20 7	2 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
563 58 6	1 1 Dichloropropene	ug/L		ND	5 0	1

RL R po t ng L m t

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 25	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	DP071/38 40	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R68819
Analysis Date	06/29/99 Time 07 13	Lab File ID	9M3730	Batch	WG60200

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41 4	Ethylbenzene	ug/L		ND	5 0	1
	n Hexane	ug/L		ND	10	1
591 78 6	2 Hexanone	ug/L		ND	10	1
87 68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82 8	Isopropylbenzene	ug/L		ND	5 0	1
99 87 6	p Isopropyltoluene	ug/L		ND	5 0	1
108 10 1	4 Methyl 2 pentanone	ug/L		ND	10	1
75 09 2	Methylene chloride	ug/L		ND	5 0	1
91 20 3	Naphthalene	ug/L		ND	10	1
103 65 1	n Propylbenzene	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
79 34 5	1 1 2 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
87 61 6	1 2 3 Trichlorobenzene	ug/L		ND	5 0	1
120 82 1	1 2 4 Trichlorobenzene	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 69 4	Trichlorofluoromethane	ug/L		ND	10	1
96 18 4	1 2 3 Trichloropropane	ug/L		ND	5 0	1
95 63 6	1 2 4 Trimethylbenzene	ug/L		ND	5 0	1
108 67 8	1 3 5 Trimethylbenzene	ug/L		ND	5 0	1
108 05 4	Vinyl acetate	ug/L		ND	10	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

SURROGATES In Percent Recovery:

Dibromofluoromethane	102	(86 118%)
1 2 Dichloroethane d4	108	(80 120%)
Toluene d8	102	(88 110%)
4 Bromofluorobenzene	112	(86 115%)

RL R p t ng L m t

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 26	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	EDP061899	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R68819
Analysis Date	06/29/99 Time 07 46	Lab File ID	9M3731	Batch	WG60200

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
108 86 1	Bromobenzene	ug/L		ND	5 0	1
74 97 5	Bromochloromethane	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
104 51 8	n Butylbenzene	ug/L		ND	5 0	1
135 98 8	sec Butylbenzene	ug/L		ND	5 0	1
98 06 6	tert Butylbenzene	ug/L		ND	5 0	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
124 48 1	Chlorodibromomethane	ug/L		ND	5 0	1
75 00 3	Chloroethane	ug/L		ND	10	1
110 75 8	2 Chloroethyl vinyl ether	ug/L		ND	10	1
67 66 3	Chloroform	ug/L		ND	5 0	1
74 87 3	Chloromethane	ug/L		ND	10	1
95 49 8	2 Chlorotoluene	ug/L		ND	5 0	1
106 43 4	4 Chlorotoluene	ug/L		ND	5 0	1
96 12 8	1 2 Dibromo 3 chloropropane	ug/L		ND	5 0	1
106 93 4	1 2 Dibromoethane	ug/L		ND	5 0	1
74 95 3	Dibromomethane	ug/L		ND	5 0	1
95 50 1	1 2 Dichlorobenzene	ug/L		ND	5 0	1
541 73 1	1 3 Dichlorobenzene	ug/L		ND	5 0	1
106 46 7	1 4 Dichlorobenzene	ug/L		ND	5 0	1
75 71 8	Dichlorodifluoromethane	ug/L		ND	10	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
156 59 2	cis 1 2 Dichloroethene	ug/L		ND	5 0	1
156 60 5	trans 1 2 Dichloroethene	ug/L		ND	5 0	1
78 87 5	1 2 Dichloropropane	ug/L		ND	5 0	1
142 28 9	1 3 Dichloropropane	ug/L		ND	5 0	1
594 20 7	2,2 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
563 58 6	1 1 Dichloropropene	ug/L		ND	5 0	1

RL R p t ng L m t

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 26	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	EDP061899	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R68819
Analysis Date	06/29/99 Time 07 46	Lab File ID	9M3731	Batch	WG60200

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41 4	Ethylbenzene	ug/L		ND	5 0	1
	n Hexane	ug/L		ND	10	1
591 78 6	2 Hexanone	ug/L		ND	10	1
87 68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82 8	Isopropylbenzene	ug/L		ND	5 0	1
99 87 6	p Isopropyltoluene	ug/L		ND	5 0	1
108 10 1	4 Methyl 2 pentanone	ug/L		ND	10	1
75 09 2	Methylene chloride	ug/L		ND	5 0	1
91 20 3	Naphthalene	ug/L		ND	10	1
103 65 1	n Propylbenzene	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
79 34 5	1 1 2 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
87 61 6	1 2 3 Trichlorobenzene	ug/L		ND	5 0	1
120 82 1	1 2 4 Trichlorobenzene	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
75-69 4	Trichlorofluoromethane	ug/L		ND	10	1
96 18 4	1 2 3 Trichloropropane	ug/L		ND	5 0	1
95 63 6	1 2 4 Trimethylbenzene	ug/L		ND	5 0	1
108 67 8	1,3 5 Trimethylbenzene	ug/L		ND	5 0	1
108 05 4	Vinyl acetate	ug/L		ND	10	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

SURROGATES In Percent Recovery:

Dibromofluoromethane	102	(86 118%)
1 2 Dichloroethane d4	108	(80 120%)
Toluene d8	102	(88 110%)
4 Bromofluorobenzene	111	(86 115%)

RL R p t ng L mit

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 27	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	TRIP BLANK	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R68819
Analysis Date	06/29/99 Time 08 20	Lab File ID	9M3732	Batch	WG60200

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
108 86 1	Bromobenzene	ug/L		ND	5 0	1
74 97 5	Bromochloromethane	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
104 51 8	n Butylbenzene	ug/L		ND	5 0	1
135 98 8	sec Butylbenzene	ug/L		ND	5 0	1
98 06 6	tert Butylbenzene	ug/L		ND	5 0	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
124 48 1	Chlorodibromomethane	ug/L		ND	5 0	1
75 00 3	Chloroethane	ug/L		ND	10	1
110 75 8	2 Chloroethyl vinyl ether	ug/L		ND	10	1
67 66 3	Chloroform	ug/L		ND	5 0	1
74 87 3	Chloromethane	ug/L		ND	10	1
95 49 8	2 Chlorotoluene	ug/L		ND	5 0	1
106 43 4	4 Chlorotoluene	ug/L		ND	5 0	1
96 12 8	1 2 Dibromo 3 chloropropane	ug/L		ND	5 0	1
106 93 4	1 2 Dibromoethane	ug/L		ND	5 0	1
74 95 3	Dibromomethane	ug/L		ND	5 0	1
95 50 1	1 2 Dichlorobenzene	ug/L		ND	5 0	1
541 73 1	1 3 Dichlorobenzene	ug/L		ND	5 0	1
106 46 7	1,4 Dichlorobenzene	ug/L		ND	5 0	1
75 71 8	Dichlorodifluoromethane	ug/L		ND	10	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
156 59 2	cis 1 2 Dichloroethene	ug/L		ND	5 0	1
156 60 5	trans 1 2 Dichloroethene	ug/L		ND	5 0	1
78 87 5	1 2 Dichloropropane	ug/L		ND	5 0	1
142 28 9	1 3 Dichloropropane	ug/L		ND	5 0	1
594 20 7	2 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
563 58 6	1 1 Dichloropropene	ug/L		ND	5 0	1

RL Rpt gLmt

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 27	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	TRIP BLANK	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R68819
Analysis Date	06/29/99 Time 08 20	Lab File ID	9M3732	Batch	WG60200

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41 4	Ethylbenzene	ug/L		ND	5 0	1
	n Hexane	ug/L		ND	10	1
591 78 6	2 Hexanone	ug/L		ND	10	1
87 68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82 8	Isopropylbenzene	ug/L		ND	5 0	1
99 87 6	p Isopropyltoluene	ug/L		ND	5 0	1
108 10 1	4 Methyl 2 pentanone	ug/L		ND	10	1
75 09 2	Methylene chloride	ug/L		ND	5 0	1
91 20 3	Naphthalene	ug/L		ND	10	1
103 65 1	n Propylbenzene	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
79 34 5	1 1 2 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
87 61 6	1 2 3 Trichlorobenzene	ug/L		ND	5 0	1
120 82 1	1 2 4 Trichlorobenzene	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 69 4	Trichlorofluoromethane	ug/L		ND	10	1
96 18 4	1 2 3 Trichloropropane	ug/L		ND	5 0	1
95 63 6	1 2 4 Trimethylbenzene	ug/L		ND	5 0	1
108 67 8	1 3 5 Trimethylbenzene	ug/L		ND	5 0	1
108 05 4	Vinyl acetate	ug/L		ND	10	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

SURROGATES In Percent Recovery

Dibromofluoromethane	105	(86 118%)
1 2 Dichloroethane d4	109	(80 120%)
Toluene d8	103	(88 110%)
4 Bromofluorobenzene	111	(86 115%)

RL R po t g L m t

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 28	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	DP 068/35 37	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R68819
Analysis Date	06/29/99 Time 08 53	Lab File ID	9M3733	Batch	WG60200

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
108 86 1	Bromobenzene	ug/L		ND	5 0	1
74 97 5	Bromochloromethane	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
104 51 8	n Butylbenzene	ug/L		ND	5 0	1
135 98 8	sec Butylbenzene	ug/L		ND	5 0	1
98 06 6	tert Butylbenzene	ug/L		ND	5 0	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
124 48 1	Chlorodibromomethane	ug/L		ND	5 0	1
75 00 3	Chloroethane	ug/L		ND	10	1
110 75 8	2 Chloroethyl vinyl ether	ug/L		ND	10	1
67 66 3	Chloroform	ug/L		ND	5 0	1
74 87 3	Chloromethane	ug/L		ND	10	1
95 49 8	2 Chlorotoluene	ug/L		ND	5 0	1
106 43 4	4 Chlorotoluene	ug/L		ND	5 0	1
96 12 8	1 2 Dibromo 3 chloropropane	ug/L		ND	5 0	1
106 93 4	1 2 Dibromoethane	ug/L		ND	5 0	1
74 95 3	Dibromomethane	ug/L		ND	5 0	1
95 50 1	1 2 Dichlorobenzene	ug/L		ND	5 0	1
541 73 1	1 3 Dichlorobenzene	ug/L		ND	5 0	1
106 46 7	1 4 Dichlorobenzene	ug/L		ND	5 0	1
75 71 8	Dichlorodifluoromethane	ug/L		ND	10	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
156 59 2	cis 1 2 Dichloroethene	ug/L		ND	5 0	1
156 60 5	trans 1 2 Dichloroethene	ug/L		ND	5 0	1
78 87 5	1 2 Dichloropropane	ug/L		ND	5 0	1
142 28 9	1 3 Dichloropropane	ug/L		ND	5 0	1
594 20 7	2 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
563 58 6	1 1 Dichloropropene	ug/L		ND	5 0	1

RL Reporting Limit

Login #L9906489
July 12 1999 09 39 am

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 28	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	DP 068/35 37	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R68819
Analysis Date	06/29/99 Time 08 53	Lab File ID	9M3733	Batch	WG60200

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41 4	Ethylbenzene	ug/L		ND	5 0	1
	n Hexane	ug/L		ND	10	1
591 78 6	2 Hexanone	ug/L		ND	10	1
87 68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82 8	Isopropylbenzene	ug/L		ND	5 0	1
99 87 6	p Isopropyltoluene	ug/L		ND	5 0	1
108 10 1	4 Methyl 2 pentanone	ug/L		ND	10	1
75 09 2	Methylene chloride	ug/L		ND	5 0	1
91 20 3	Naphthalene	ug/L		ND	10	1
103 65 1	n Propylbenzene	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
79 34 5	1 1 2 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
87 61 6	1 2 3 Trichlorobenzene	ug/L		ND	5 0	1
120 82 1	1 2 4 Trichlorobenzene	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 69 4	Trichlorofluoromethane	ug/L		ND	10	1
96 18 4	1 2 3 Trichloropropane	ug/L		ND	5 0	1
95 63 6	1 2 4 Trimethylbenzene	ug/L		ND	5 0	1
108 67 8	1 3 5 Trimethylbenzene	ug/L		ND	5 0	1
108 05 4	Vinyl acetate	ug/L		ND	10	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

SURROGATES In Percent Recovery

Dibromofluoromethane	103	(86 118%)
1 2 Dichloroethane d4	110	(80 120%)
Toluene d8	102	(88 110%)
4 Bromofluorobenzene	110	(86 115%)

RL R po t ng L m t

Login #L9906489
July 12 1999 09 39 am

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 29	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	DP 068/35 37 /DUP	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R68818
Analysis Date	06/28/99 Time 23 54	Lab File ID	9M3717	Batch	WG60200

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
108 86 1	Bromobenzene	ug/L		ND	5 0	1
74 97 5	Bromochloromethane	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
104 51 8	n Butylbenzene	ug/L		ND	5 0	1
135 98 8	sec Butylbenzene	ug/L		ND	5 0	1
98 06 6	tert Butylbenzene	ug/L		ND	5 0	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
124 48 1	Chlorodibromomethane	ug/L		ND	5 0	1
75 00 3	Chloroethane	ug/L		ND	10	1
110 75 8	2 Chloroethyl vinyl ether	ug/L		ND	10	1
67 66 3	Chloroform	ug/L		ND	5 0	1
74 87 3	Chloromethane	ug/L		ND	10	1
95 49 8	2 Chlorotoluene	ug/L		ND	5 0	1
106 43 4	4 Chlorotoluene	ug/L		ND	5 0	1
96 12 8	1 2 Dibromo 3 chloropropane	ug/L		ND	5 0	1
106 93 4	1 2 Dibromoethane	ug/L		ND	5 0	1
74 95 3	Dibromomethane	ug/L		ND	5 0	1
95 50 1	1 2 Dichlorobenzene	ug/L		ND	5 0	1
541 73 1	1 3 Dichlorobenzene	ug/L		ND	5 0	1
106 46 7	1 4 Dichlorobenzene	ug/L		ND	5 0	1
75 71 8	Dichlorodifluoromethane	ug/L		ND	10	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
156 59 2	cis 1 2 Dichloroethene	ug/L		ND	5 0	1
156 60 5	trans 1 2 Dichloroethene	ug/L		ND	5 0	1
78 87 5	1 2 Dichloropropane	ug/L		ND	5 0	1
142 28 9	1 3 Dichloropropane	ug/L		ND	5 0	1
594 20 7	2 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
563 58 6	1 1 Dichloropropene	ug/L		ND	5 0	1

RL R po t ng L mit

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 29	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	DP 068/35 37 /DUP	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R68818
Analysis Date	06/28/99 Time 23 54	Lab File ID	9M3717	Batch	WG60200

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41 4	Ethylbenzene	ug/L		ND	5 0	1
	n Hexane	ug/L		ND	10	1
591 78 6	2 Hexanone	ug/L		ND	10	1
87 68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82 8	Isopropylbenzene	ug/L		ND	5 0	1
99 87 6	p Isopropyltoluene	ug/L		ND	5 0	1
108 10 1	4 Methyl 2 pentanone	ug/L		ND	10	1
75 09 2	Methylene chloride	ug/L		ND	5 0	1
91 20 3	Naphthalene	ug/L		ND	10	1
103 65 1	n Propylbenzene	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
79 34 5	1 1 2 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
87 61 6	1 2 3 Trichlorobenzene	ug/L		ND	5 0	1
120 82 1	1 2 4 Trichlorobenzene	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 69 4	Trichlorofluoromethane	ug/L		ND	10	1
96 18 4	1 2 3 Trichloropropane	ug/L		ND	5 0	1
95 63 6	1 2 4 Trimethylbenzene	ug/L		ND	5 0	1
108 67 8	1,3 5 Trimethylbenzene	ug/L		ND	5 0	1
108 05 4	Vinyl acetate	ug/L		ND	10	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

SURROGATES In Percent Recovery

Dibromofluoromethane	102	(86 118%)
1 2 Dichloroethane d4	110	(80 120%)
Toluene d8	102	(88 110%)
4 Bromofluorobenzene	108	(86 115%)

RL R p t ng Limit

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 30	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	DP 068/35 37 /MS	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69170
Analysis Date	06/29/99 Time 00 28	Lab File ID	9M3718	Batch	WG60200

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64 1	Acetone	% Recovery	122		100	1
71 43 2	Benzene	% Recovery	101		5 0	1
108 86 1	Bromobenzene	% Recovery	89 5		5 0	1
74 97 5	Bromochloromethane	% Recovery	105		5 0	1
75 27 4	Bromodichloromethane	% Recovery	112		5 0	1
75 25 2	Bromoform	% Recovery	111		5 0	1
74 83 9	Bromomethane	% Recovery	112		10	1
78 93 3	2 Butanone	% Recovery	108		100	1
104 51 8	n Butylbenzene	% Recovery	69 4		5 0	1
135 98 8	sec Butylbenzene	% Recovery	80 8		5 0	1
98 06 6	tert Butylbenzene	% Recovery	93 6		5 0	1
75 15 0	Carbon disulfide	% Recovery	105		5 0	1
56 23 5	Carbon tetrachloride	% Recovery	112		5 0	1
108 90 7	Chlorobenzene	% Recovery	94 5		5 0	1
124 48 1	Chlorodibromomethane	% Recovery	114		5 0	1
75 00 3	Chloroethane	% Recovery	96 5		10	1
110 75 8	2 Chloroethyl vinyl ether	% Recovery	119		10	1
67 66 3	Chloroform	% Recovery	109		5 0	1
74 87 3	Chloromethane	% Recovery	91 5		10	1
95 49 8	2 Chlorotoluene	% Recovery	90 9		5 0	1
106 43 4	4 Chlorotoluene	% Recovery	85 9		5 0	1
96 12 8	1 2 Dibromo 3 chloropropane	% Recovery	110		5 0	1
106 93 4	1 2 Dibromoethane	% Recovery	104		5 0	1
74 95 3	Dibromomethane	% Recovery	109		5 0	1
95 50 1	1 2 Dichlorobenzene	% Recovery	88 2		5 0	1
541 73 1	1 3 Dichlorobenzene	% Recovery	82 2		5 0	1
106 46 7	1,4 Dichlorobenzene	% Recovery	81 5		5 0	1
75 71 8	Dichlorodifluoromethane	% Recovery	90 5		10	1
75 34 3	1 1 Dichloroethane	% Recovery	104		5 0	1
107 06 2	1 2 Dichloroethane	% Recovery	112		5 0	1
75 35 4	1 1 Dichloroethene	% Recovery	92 8		5 0	1
156 59 2	cis 1 2 Dichloroethene	% Recovery	99 1		5 0	1
156 60 5	trans 1 2 Dichloroethene	% Recovery	104		5 0	1
78 87 5	1 2 Dichloropropane	% Recovery	97 1		5 0	1
142 28 9	1 3 Dichloropropane	% Recovery	103		5 0	1
594 20 7	2 2 Dichloropropane	% Recovery	78 2		5 0	1
10061 01 5	cis 1 3 Dichloropropene	% Recovery	104		5 0	1
10061 02 6	trans 1 3 Dichloropropene	% Recovery	99 8		5 0	1
563 58 6	1 1 Dichloropropene	% Recovery	104		5 0	1

RL R po t ng L m t

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 30	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	DP 068/35 37 /MS	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69170
Analysis Date	06/29/99 Time 00 28	Lab File ID	9M3718	Batch	WG60200

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41 4	Ethylbenzene	% Recovery	92 7		5 0	1
	n Hexane	% Recovery		NS	10	1
591 78 6	2 Hexanone	% Recovery	106		10	1
87 68 3	Hexachlorobutadiene	% Recovery	48 8		5 0	1
98 82 8	Isopropylbenzene	% Recovery	96 1		5 0	1
99 87 6	p Isopropyltoluene	% Recovery	78 4		5 0	1
108 10 1	4 Methyl 2 pentanone	% Recovery	122		10	1
75 09 2	Methylene chloride	% Recovery	96 7		5 0	1
91 20 3	Naphthalene	% Recovery	94 7		10	1
103 65 1	n Propylbenzene	% Recovery	87 3		5 0	1
100 42 5	Styrene	% Recovery	98 6		5 0	1
630 20 6	1 1 1 2 Tetrachloroethane	% Recovery	111		5 0	1
79 34 5	1 1 2 2 Tetrachloroethane	% Recovery	103		5 0	1
127 18 4	Tetrachloroethene	% Recovery	85 0		5 0	1
108 88 3	Toluene	% Recovery	98 2		5 0	1
87 61 6	1 2 3 Trichlorobenzene	% Recovery	73 2		5 0	1
120 82 1	1 2 4 Trichlorobenzene	% Recovery	69 0		5 0	1
71 55 6	1 1 1 Trichloroethane	% Recovery	112		5 0	1
79 00 5	1 1 2 Trichloroethane	% Recovery	104		5 0	1
79 01 6	Trichloroethene	% Recovery	93 8		5 0	1
75 69 4	Trichlorofluoromethane	% Recovery	98 9		10	1
96 18 4	1 2 3 Trichloropropane	% Recovery	108		5 0	1
95 63 6	1 2 4 Trimethylbenzene	% Recovery	89 1		5 0	1
108 67 8	1 3 5 Trimethylbenzene	% Recovery	92 3		5 0	1
108 05 4	Vinyl acetate	% Recovery	168		10	1
75 01 4	Vinyl chloride	% Recovery	101		2 0	1
95 47 6	o Xylene	% Recovery	96 0		5 0	1
108 38 3	m Xylene	% Recovery	95 2	Z	5 0	1
106 42 3	p Xylene	% Recovery		Z	5 0	1

SURROGATES In Percent Recovery

Dibromofluoromethane	103	(86 118%)
1 2 Dichloroethane d4	108	(80 120%)
Toluene d8	101	(88 110%)
4 Bromofluorobenzene	103	(86 115%)

RL R p t ng L mit

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 31	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	DP 068/35 37 /MSD	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69170
Analysis Date	06/29/99 Time 01 03	Lab File ID	9M3719	Batch	WG60200

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64 1	Acetone	% Recovery	109		100	1
71 43 2	Benzene	% Recovery	91 1		5 0	1
108 86 1	Bromobenzene	% Recovery	78 3		5 0	1
74 97 5	Bromochloromethane	% Recovery	94 3		5 0	1
75 27 4	Bromodichloromethane	% Recovery	97 9		5 0	1
75 25 2	Bromoform	% Recovery	94 7		5 0	1
74 83 9	Bromomethane	% Recovery	101		10	1
78 93 3	2 Butanone	% Recovery	97 0		100	1
104 51 8	n Butylbenzene	% Recovery	65 1		5 0	1
135 98 8	sec Butylbenzene	% Recovery	75 0		5 0	1
98 06 6	tert Butylbenzene	% Recovery	88 1		5 0	1
75 15 0	Carbon disulfide	% Recovery	101		5 0	1
56 23 5	Carbon tetrachloride	% Recovery	103		5 0	1
108 90 7	Chlorobenzene	% Recovery	82 0		5 0	1
124 48 1	Chlorodibromomethane	% Recovery	98 3		5 0	1
75 00 3	Chloroethane	% Recovery	86 5		10	1
110 75 8	2 Chloroethyl vinyl ether	% Recovery	107		10	1
67 66 3	Chloroform	% Recovery	96 5		5 0	1
74 87 3	Chloromethane	% Recovery	84 2		10	1
95 49 8	2 Chlorotoluene	% Recovery	80 6		5 0	1
106 43 4	4 Chlorotoluene	% Recovery	76 8		5 0	1
96 12 8	1 2 Dibromo 3 chloropropane	% Recovery	91 4		5 0	1
106 93 4	1 2 Dibromoethane	% Recovery	90 8		5 0	1
74 95 3	Dibromomethane	% Recovery	94 7		5 0	1
95 50 1	1 2 Dichlorobenzene	% Recovery	76 7		5 0	1
541 73 1	1 3 Dichlorobenzene	% Recovery	72 3		5 0	1
106 46 7	1 4 Dichlorobenzene	% Recovery	71 2		5 0	1
75 71 8	Dichlorodifluoromethane	% Recovery	89 9		10	1
75 34 3	1 1 Dichloroethane	% Recovery	93 4		5 0	1
107 06 2	1 2 Dichloroethane	% Recovery	98 4		5 0	1
75 35 4	1 1 Dichloroethene	% Recovery	86 5		5 0	1
156 59 2	cis 1 2 Dichloroethene	% Recovery	89 2		5 0	1
156 60 5	trans 1 2 Dichloroethene	% Recovery	95 0		5 0	1
78 87 5	1 2 Dichloropropane	% Recovery	86 9		5 0	1
142 28 9	1 3 Dichloropropane	% Recovery	90 1		5 0	1
594 20 7	2 2 Dichloropropane	% Recovery	68 3		5 0	1
10061 01 5	cis 1 3 Dichloropropene	% Recovery	90 8		5 0	1
10061 02 6	trans 1 3 Dichloropropene	% Recovery	85 7		5 0	1
563 58 6	1 1 Dichloropropene	% Recovery	95 1		5 0	1

RL R po t g L m t

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 31	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	DP 068/35 37 /MSD	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69170
Analysis Date	06/29/99 Time 01 03	Lab File ID	9M3719	Batch	WG60200

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41 4	Ethylbenzene	% Recovery	83 2		5 0	1
	n Hexane	% Recovery		NS	10	1
591 78 6	2 Hexanone	% Recovery	92 3		10	1
87 68 3	Hexachlorobutadiene	% Recovery	45 4		5 0	1
98 82 8	Isopropylbenzene	% Recovery	87 2		5 0	1
99 87 6	p Isopropyltoluene	% Recovery	72 2		5 0	1
108 10 1	4 Methyl 2 pentanone	% Recovery	107		10	1
75 09 2	Methylene chloride	% Recovery	88 1		5 0	1
91 20 3	Naphthalene	% Recovery	78 4		10	1
103 65 1	n Propylbenzene	% Recovery	80 3		5 0	1
100 42 5	Styrene	% Recovery	85 5		5 0	1
630 20 6	1 1 1 2 Tetrachloroethane	% Recovery	98 9		5 0	1
79 34 5	1 1 2 2 Tetrachloroethane	% Recovery	89 9		5 0	1
127 18 4	Tetrachloroethene	% Recovery	77 1		5 0	1
108 88 3	Toluene	% Recovery	88 1		5 0	1
87 61 6	1 2 3 Trichlorobenzene	% Recovery	63 1		5 0	1
120 82 1	1 2 4 Trichlorobenzene	% Recovery	61 4		5 0	1
71 55 6	1 1 1 Trichloroethane	% Recovery	102		5 0	1
79 00 5	1 1 2 Trichloroethane	% Recovery	90 8		5 0	1
79 01 6	Trichloroethene	% Recovery	85 0		5 0	1
75 69 4	Trichlorofluoromethane	% Recovery	93 0		10	1
96 18 4	1 2 3 Trichloropropane	% Recovery	93 0		5 0	1
95 63 6	1 2 4 Trimethylbenzene	% Recovery	80 1		5 0	1
108 67 8	1 3 5 Trimethylbenzene	% Recovery	83 8		5 0	1
108 05 4	Vinyl acetate	% Recovery	151		10	1
75 01 4	Vinyl chloride	% Recovery	92 6		2 0	1
95 47 6	o Xylene	% Recovery	86 0		5 0	1
108 38 3	m Xylene	% Recovery	84 8	Z	5 0	1
106 42 3	p Xylene	% Recovery		Z	5 0	1

SURROGATES In Percent Recovery

Dibromofluoromethane	103	(86 118%)
1 2 Dichloroethane d4	107	(80 120%)
Toluene d8	101	(88 110%)
4 Bromofluorobenzene	104	(86 115%)

RL Rpt gLmt

Login #L9906489
July 12 1999 09 39 am

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 32	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	DP 070/37 39	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69007
Analysis Date	07/02/99 Time 04 15	Lab File ID	9M3806	Batch	WG60497

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
108 86 1	Bromobenzene	ug/L		ND	5 0	1
74 97 5	Bromochloromethane	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
104 51 8	n Butylbenzene	ug/L		ND	5 0	1
135 98 8	sec Butylbenzene	ug/L		ND	5 0	1
98 06 6	tert Butylbenzene	ug/L		ND	5 0	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
124 48 1	Chlorodibromomethane	ug/L		ND	5 0	1
75 00 3	Chloroethane	ug/L		ND	10	1
110 75 8	2 Chloroethyl vinyl ether	ug/L		ND	10	1
67 66 3	Chloroform	ug/L		ND	5 0	1
74 87 3	Chloromethane	ug/L		ND	10	1
95 49 8	2 Chlorotoluene	ug/L		ND	5 0	1
106 43 4	4 Chlorotoluene	ug/L		ND	5 0	1
96 12 8	1 2 Dibromo 3 chloropropane	ug/L		ND	5 0	1
106 93 4	1 2 Dibromoethane	ug/L		ND	5 0	1
74 95 3	Dibromomethane	ug/L		ND	5 0	1
95 50 1	1 2 Dichlorobenzene	ug/L		ND	5 0	1
541 73 1	1 3 Dichlorobenzene	ug/L		ND	5 0	1
106 46 7	1 4 Dichlorobenzene	ug/L		ND	5 0	1
75 71 8	Dichlorodifluoromethane	ug/L		ND	10	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
156 59 2	cis 1 2 Dichloroethene	ug/L		ND	5 0	1
156 60 5	trans 1 2 Dichloroethene	ug/L		ND	5 0	1
78 87 5	1 2 Dichloropropane	ug/L		ND	5 0	1
142 28 9	1 3 Dichloropropane	ug/L		ND	5 0	1
594 20 7	2 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
563 58 6	1 1 Dichloropropene	ug/L		ND	5 0	1

RL R p g L m t

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 32	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	DP 070/37 39	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69007
Analysis Date	07/02/99 Time 04 15	Lab File ID	9M3806	Batch	WG60497

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41 4	Ethylbenzene	ug/L		ND	5 0	1
	n Hexane	ug/L		ND	10	1
591 78 6	2 Hexanone	ug/L		ND	10	1
87 68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82 8	Isopropylbenzene	ug/L		ND	5 0	1
99 87 6	p Isopropyltoluene	ug/L		ND	5 0	1
108 10 1	4 Methyl 2 pentanone	ug/L		ND	10	1
75 09 2	Methylene chloride	ug/L		ND	5 0	1
91 20 3	Naphthalene	ug/L		ND	10	1
103 65 1	n Propylbenzene	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
79 34 5	1 1 2 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
87 61 6	1 2 3 Trichlorobenzene	ug/L		ND	5 0	1
120 82 1	1 2 4 Trichlorobenzene	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 69 4	Trichlorofluoromethane	ug/L		ND	10	1
96 18 4	1 2 3 Trichloropropane	ug/L		ND	5 0	1
95 63 6	1 2 4 Trimethylbenzene	ug/L		ND	5 0	1
108 67 8	1,3 5 Trimethylbenzene	ug/L		ND	5 0	1
108 05 4	Vinyl acetate	ug/L		ND	10	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

SURROGATES In Percent Recovery

Dibromofluoromethane	104	(86 118%)
1 2 Dichloroethane d4	109	(80 120%)
Toluene d8	106	(88 110%)
4 Bromofluorobenzene	110	(86 115%)

RL R p t ng L m t

Login #L9906489
July 12 1999 09 39 am

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 33	Dil Type	N/A
Client Sample ID	DP 072/37 39	COC Info	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS		
Matrix	Water	Date Collected	06/18/99
TCLP Extract Date	N/A	Instrument	HPMS9
Extract Date	N/A	Analyst	JLH
Analysis Date	07/02/99 Time 04 48	Lab File ID	9M3807

Sample Weight	N/A		
Extract Volume	N/A		
% Solid	N/A		
Method	8260A		
Run ID	R69007		
Batch	WG60497		

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
108 86 1	Bromobenzene	ug/L		ND	5 0	1
74 97 5	Bromochloromethane	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
104 51 8	n Butylbenzene	ug/L		ND	5 0	1
135 98 8	sec Butylbenzene	ug/L		ND	5 0	1
98 06 6	tert Butylbenzene	ug/L		ND	5 0	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
124 48 1	Chlorodibromomethane	ug/L		ND	5 0	1
75 00 3	Chloroethane	ug/L		ND	10	1
110 75 8	2 Chloroethyl vinyl ether	ug/L		ND	10	1
67 66 3	Chloroform	ug/L		ND	5 0	1
74 87 3	Chloromethane	ug/L		ND	10	1
95 49 8	2 Chlorotoluene	ug/L		ND	5 0	1
106 43 4	4 Chlorotoluene	ug/L		ND	5 0	1
96 12 8	1 2 Dibromo 3 chloropropane	ug/L		ND	5 0	1
106 93 4	1 2 Dibromoethane	ug/L		ND	5 0	1
74 95 3	Dibromomethane	ug/L		ND	5 0	1
95 50 1	1 2 Dichlorobenzene	ug/L		ND	5 0	1
541 73 1	1 3 Dichlorobenzene	ug/L		ND	5 0	1
106 46 7	1 4 Dichlorobenzene	ug/L		ND	5 0	1
75 71 8	Dichlorodifluoromethane	ug/L		ND	10	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
156 59 2	cis 1 2 Dichloroethene	ug/L		ND	5 0	1
156 60 5	trans 1 2 Dichloroethene	ug/L		ND	5 0	1
78 87 5	1 2 Dichloropropane	ug/L		ND	5 0	1
142 28 9	1 3 Dichloropropane	ug/L		ND	5 0	1
594 20 7	2,2 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
563 58 6	1 1 Dichloropropene	ug/L		ND	5 0	1

RL R p t ng L m t

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 33	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	DP 072/37 39	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69007
Analysis Date	07/02/99 Time 04 48	Lab File ID	9M3807	Batch	WG60497

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41 4	Ethylbenzene	ug/L		ND	5 0	1
	n Hexane	ug/L		ND	10	1
591 78 6	2 Hexanone	ug/L		ND	10	1
87 68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82 8	Isopropylbenzene	ug/L		ND	5 0	1
99 87 6	p Isopropyltoluene	ug/L		ND	5 0	1
108 10 1	4 Methyl 2 pentanone	ug/L		ND	10	1
75 09 2	Methylene chloride	ug/L		ND	5 0	1
91 20 3	Naphthalene	ug/L		ND	10	1
103 65 1	n Propylbenzene	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
79 34 5	1 1 2 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
87 61 6	1 2 3 Trichlorobenzene	ug/L		ND	5 0	1
120 82 1	1 2 4 Trichlorobenzene	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 69 4	Trichlorofluoromethane	ug/L		ND	10	1
96 18 4	1 2 3 Trichloropropane	ug/L		ND	5 0	1
95 63 6	1 2 4 Trimethylbenzene	ug/L		ND	5 0	1
108 67 8	1 3 5 Trimethylbenzene	ug/L		ND	5 0	1
108 05 4	Vinyl acetate	ug/L		ND	10	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

SURROGATES In Percent Recovery:

Dibromofluoromethane	103	(86 118%)
1 2 Dichloroethane d4	108	(80 120%)
Toluene d8	105	(88 110%)
4 Bromofluorobenzene	109	(86 115%)

RL Repo t ng L m t

Login #L9906489
July 12 1999 09 39 am

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 34	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	DP 072/20 22	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69007
Analysis Date	07/02/99 Time 05 22	Lab File ID	9M3808	Batch	WG60497

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
108 86 1	Bromobenzene	ug/L		ND	5 0	1
74 97 5	Bromochloromethane	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
104 51 8	n Butylbenzene	ug/L		ND	5 0	1
135 98 8	sec Butylbenzene	ug/L		ND	5 0	1
98 06 6	tert Butylbenzene	ug/L		ND	5 0	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
124 48 1	Chlorodibromomethane	ug/L		ND	5 0	1
75 00 3	Chloroethane	ug/L		ND	10	1
110 75 8	2 Chloroethyl vinyl ether	ug/L		ND	10	1
67 66 3	Chloroform	ug/L	6 7		5 0	1
74 87 3	Chloromethane	ug/L		ND	10	1
95 49 8	2 Chlorotoluene	ug/L		ND	5 0	1
106 43 4	4 Chlorotoluene	ug/L		ND	5 0	1
96 12 8	1 2 Dibromo 3 chloropropane	ug/L		ND	5 0	1
106 93 4	1 2 Dibromoethane	ug/L		ND	5 0	1
74 95 3	Dibromomethane	ug/L		ND	5 0	1
95 50 1	1 2 Dichlorobenzene	ug/L		ND	5 0	1
541 73 1	1 3 Dichlorobenzene	ug/L		ND	5 0	1
106 46 7	1 4 Dichlorobenzene	ug/L		ND	5 0	1
75 71 8	Dichlorodifluoromethane	ug/L		ND	10	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
156 59 2	cis 1 2 Dichloroethene	ug/L		ND	5 0	1
156 60 5	trans 1 2 Dichloroethene	ug/L		ND	5 0	1
78 87 5	1 2 Dichloropropane	ug/L		ND	5 0	1
142 28 9	1 3 Dichloropropane	ug/L		ND	5 0	1
594 20 7	2 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
563 58 6	1 1 Dichloropropene	ug/L		ND	5 0	1

RL R po t ng L mit

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 34	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	DP 072/20 22	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69007
Analysis Date	07/02/99 Time 05 22	Lab File ID	9M3808	Batch	WG60497

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41 4	Ethylbenzene	ug/L		ND	5 0	1
	n Hexane	ug/L		ND	10	1
591 78 6	2 Hexanone	ug/L		ND	10	1
87 68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82 8	Isopropylbenzene	ug/L		ND	5 0	1
99 87 6	p Isopropyltoluene	ug/L		ND	5 0	1
108 10 1	4 Methyl 2 pentanone	ug/L		ND	10	1
75 09 2	Methylene chloride	ug/L		ND	5 0	1
91 20 3	Naphthalene	ug/L		ND	10	1
103 65 1	n Propylbenzene	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
79 34 5	1 1 2 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
87 61 6	1 2 3 Trichlorobenzene	ug/L		ND	5 0	1
120 82 1	1 2 4 Trichlorobenzene	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 69 4	Trichlorofluoromethane	ug/L		ND	10	1
96 18 4	1 2 3 Trichloropropane	ug/L		ND	5 0	1
95 63 6	1 2 4 Trimethylbenzene	ug/L		ND	5 0	1
108 67 8	1 3 5 Trimethylbenzene	ug/L		ND	5 0	1
108 05 4	Vinyl acetate	ug/L		ND	10	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

SURROGATES In Percent Recovery

Dibromofluoromethane	105	(86 118%)
1 2 Dichloroethane d4	109	(80 120%)
Toluene d8	106	(88 110%)
4 Bromofluorobenzene	110	(86 115%)

RL R p t ng L m t

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 35	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	DP 074/20 22	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69007
Analysis Date	07/02/99 Time 05 55	Lab File ID	9M3809	Batch	WG60497

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
108 86 1	Bromobenzene	ug/L		ND	5 0	1
74 97 5	Bromochloromethane	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
104 51 8	n Butylbenzene	ug/L		ND	5 0	1
135 98 8	sec Butylbenzene	ug/L		ND	5 0	1
98 06 6	tert Butylbenzene	ug/L		ND	5 0	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
124 48 1	Chlorodibromomethane	ug/L		ND	5 0	1
75 00 3	Chloroethane	ug/L		ND	10	1
110 75 8	2 Chloroethyl vinyl ether	ug/L		ND	10	1
67 66 3	Chloroform	ug/L		ND	5 0	1
74 87 3	Chloromethane	ug/L		ND	10	1
95 49 8	2 Chlorotoluene	ug/L		ND	5 0	1
106 43 4	4 Chlorotoluene	ug/L		ND	5 0	1
96 12 8	1 2 Dibromo 3 chloropropane	ug/L		ND	5 0	1
106 93 4	1 2 Dibromoethane	ug/L		ND	5 0	1
74 95 3	Dibromomethane	ug/L		ND	5 0	1
95 50 1	1 2 Dichlorobenzene	ug/L		ND	5 0	1
541 73 1	1 3 Dichlorobenzene	ug/L		ND	5 0	1
106 46 7	1 4 Dichlorobenzene	ug/L		ND	5 0	1
75 71 8	Dichlorodifluoromethane	ug/L		ND	10	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
156 59 2	cis 1 2 Dichloroethene	ug/L		ND	5 0	1
156 60 5	trans 1 2 Dichloroethene	ug/L		ND	5 0	1
78 87 5	1 2 Dichloropropane	ug/L		ND	5 0	1
142 28 9	1 3 Dichloropropane	ug/L		ND	5 0	1
594 20 7	2 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
563 58 6	1 1 Dichloropropene	ug/L		ND	5 0	1

RL R po t ng L m t

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 35	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	DP 074/20 22	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69007
Analysis Date	07/02/99 Time 05 55	Lab File ID	9M3809	Batch	WG60497

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41 4	Ethylbenzene	ug/L		ND	5 0	1
	n Hexane	ug/L		ND	10	1
591 78 6	2 Hexanone	ug/L		ND	10	1
87 68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82 8	Isopropylbenzene	ug/L		ND	5 0	1
99 87 6	p Isopropyltoluene	ug/L		ND	5 0	1
108 10 1	4 Methyl 2 pentanone	ug/L		ND	10	1
75 09 2	Methylene chloride	ug/L		ND	5 0	1
91 20 3	Naphthalene	ug/L		ND	10	1
103 65 1	n Propylbenzene	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
79 34 5	1 1 2 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
87 61 6	1 2 3 Trichlorobenzene	ug/L		ND	5 0	1
120 82 1	1 2 4 Trichlorobenzene	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 69 4	Trichlorofluoromethane	ug/L		ND	10	1
96 18 4	1 2 3 Trichloropropane	ug/L		ND	5 0	1
95 63 6	1 2 4 Trimethylbenzene	ug/L		ND	5 0	1
108 67 8	1 3 5 Trimethylbenzene	ug/L		ND	5 0	1
108 05 4	Vinyl acetate	ug/L		ND	10	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

SURROGATES In Percent Recovery

Dibromofluoromethane	105	(86 118%)
1 2 Dichloroethane d4	109	(80 120%)
Toluene d8	106	(88 110%)
4 Bromofluorobenzene	110	(86 115%)

RL R po t ng L m t

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 36	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	DP 074/37 39	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69007
Analysis Date	07/02/99 Time 06 28	Lab File ID	9M3810	Batch	WG60497

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
108 86 1	Bromobenzene	ug/L		ND	5 0	1
74 97 5	Bromochloromethane	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
104 51 8	n Butylbenzene	ug/L		ND	5 0	1
135 98 8	sec Butylbenzene	ug/L		ND	5 0	1
98 06 6	tert Butylbenzene	ug/L		ND	5 0	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
124 48 1	Chlorodibromomethane	ug/L		ND	5 0	1
75 00 3	Chloroethane	ug/L		ND	10	1
110 75 8	2 Chloroethyl vinyl ether	ug/L		ND	10	1
67 66 3	Chloroform	ug/L		ND	5 0	1
74 87 3	Chloromethane	ug/L		ND	10	1
95 49 8	2 Chlorotoluene	ug/L		ND	5 0	1
106 43 4	4 Chlorotoluene	ug/L		ND	5 0	1
96 12 8	1 2 Dibromo 3 chloropropane	ug/L		ND	5 0	1
106 93 4	1 2 Dibromoethane	ug/L		ND	5 0	1
74 95 3	Dibromomethane	ug/L		ND	5 0	1
95 50 1	1 2 Dichlorobenzene	ug/L		ND	5 0	1
541 73 1	1 3 Dichlorobenzene	ug/L		ND	5 0	1
106 46 7	1 4 Dichlorobenzene	ug/L		ND	5 0	1
75 71 8	Dichlorodifluoromethane	ug/L		ND	10	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
156 59 2	cis 1 2 Dichloroethene	ug/L		ND	5 0	1
156 60 5	trans 1 2 Dichloroethene	ug/L		ND	5 0	1
78 87 5	1 2 Dichloropropane	ug/L		ND	5 0	1
142 28 9	1 3 Dichloropropane	ug/L		ND	5 0	1
594 20 7	2 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
563 58 6	1 1 Dichloropropene	ug/L		ND	5 0	1

RL R p t ng L m t

KEMRON ENVIRONMENTAL SERVICES

Product 826 VAP2 Volatile Organics

Lab Sample ID	L9906489 36	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	DP 074/37 39	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	06/18/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69007
Analysis Date	07/02/99 Time 06 28	Lab File ID	9M3810	Batch	WG60497

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41 4	Ethylbenzene	ug/L		ND	5 0	1
	n Hexane	ug/L		ND	10	1
591 78 6	2 Hexanone	ug/L		ND	10	1
87 68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82 8	Isopropylbenzene	ug/L		ND	5 0	1
99 87 6	p Isopropyltoluene	ug/L		ND	5 0	1
108 10 1	4 Methyl 2 pentanone	ug/L		ND	10	1
75 09 2	Methylene chloride	ug/L		ND	5 0	1
91 20 3	Naphthalene	ug/L		ND	10	1
103 65 1	n Propylbenzene	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
79 34 5	1 1 2 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
87 61 6	1 2 3 Trichlorobenzene	ug/L		ND	5 0	1
120 82 1	1 2 4 Trichlorobenzene	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 69 4	Trichlorofluoromethane	ug/L		ND	10	1
96 18 4	1 2 3 Trichloropropane	ug/L		ND	5 0	1
95 63 6	1 2 4 Trimethylbenzene	ug/L		ND	5 0	1
108 67 8	1 3 5 Trimethylbenzene	ug/L		ND	5 0	1
108 05 4	Vinyl acetate	ug/L		ND	10	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

SURROGATES In Percent Recovery

Dibromofluoromethane	104	(86 118%)
1 2 Dichloroethane d4	109	(80 120%)
Toluene d8	106	(88 110%)
4 Bromofluorobenzene	111	(86 115%)

RL Reporting Limit

Order # 99 06 489
July 12 1999 09 39 am

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Date Collected	Department	
WG59791	R68270	L9906489	10	So l	P nt Solid	D2216 90	18 JUN 1999	Conv t n l	
WG60127	R69075	L9906489	10	So l	Vol t l O gani	8260B	18 JUN 1999	V l t l	GC/MS
WG60150	R68691	L9906489	01	W t	V l til O g n	8260A	17 JUN 1999	V l til	GC/MS
WG60150	R68691	L9906489	02	Wat	Vol til O g ni	8260A	17 JUN 1999	V l t l	GC/MS
WG60150	R68691	L9906489	03	W t	V l til O gani	8260A	17 JUN 1999	V l t l	GC/MS
WG60150	R68691	L9906489	04	Wat	Vol til O gan	8260A	17 JUN 1999	Vol til	GC/MS
WG60150	R68691	L9906489	05	W t	Vol til O g n	8260A	17 JUN 1999	V l til	GC/MS
WG60150	R68691	L9906489	06	W t	V l til O g n	8260A	17 JUN 1999	V l til	GC/MS
WG60150	R68691	L9906489	07	Wat	Vol t l Org n	8260A	17 JUN 1999	Vol t le	GC/MS
WG60150	R68691	L9906489	13	Wat	Vol t l O g n	8260A	17 JUN 1999	V l til	GC/MS
WG60150	R69101	L9906489	14	Wat	Volat l O g n	8260A	17 JUN 1999	V latil	GC/MS
WG60150	R69101	L9906489	15	Wat	Vol t l O gan cs	8260A	17 JUN 1999	V l til	GC/MS
WG60200	R68819	L9906489	09	Wat	Vol t l O g n	8260A	17 JUN 1999	V l til	GC/MS
WG60200	R68819	L9906489	11	Wat	Vol til O g n	8260A	17 JUN 1999	V l til	GC/MS
WG60200	R68819	L9906489	12	Wat	Vol til O gan	8260A	17 JUN 1999	V l til	GC/MS
WG60200	R68819	L9906489	16	W t	Vol t l O g ni	8260A	17 JUN 1999	V l til	GC/MS
WG60200	R68819	L9906489	17	W t	Volatil O g ni s	8260A	17 JUN 1999	V l t l	GC/MS
WG60200	R68819	L9906489	18	W t	Vol t l O gan	8260A	17 JUN 1999	V l til	GC/MS
WG60200	R68819	L9906489	19	Wat	V l t l Organi	8260A	17 JUN 1999	V l til	GC/MS
WG60200	R68819	L9906489	21	W t	Vol tile O g ni	8260A	17 JUN 1999	V l til	GC/MS
WG60200	R68819	L9906489	22	W t	V l t l Org n	8260A	18 JUN 1999	V l til	GC/MS
WG60200	R68819	L9906489	23	Wat	V l t l O g ni	8260A	18 JUN 1999	V l til	GC/MS
WG60200	R68819	L9906489	25	W t r	Vol t l O gani	8260A	18 JUN 1999	Vol t le	GC/MS
WG60200	R68819	L9906489	26	Wat	Vol t l Organ	8260A	18 JUN 1999	Vol tile	GC/MS
WG60200	R68819	L9906489	27	W t	Vol t l Org ni	8260A	18 JUN 1999	Vol til	GC/MS
WG60200	R68819	L9906489	28	W t	Vol til O gani	8260A	18 JUN 1999	Vol til	GC/MS
WG60200	R68818	L9906489	29	W t	Vol t l O g ni	8260A	18 JUN 1999	Vol til	GC/MS
WG60200	R69170	L9906489	30	Wat r	Vol t l O gani	8260A	18 JUN 1999	Vol til	GC/MS
WG60200	R69170	L9906489	31	W t	Vol til O g ni	8260A	18 JUN 1999	V l til	GC/MS
WG60214	R69200	L9906489	08	W t	Volat l O g nic	8260A	17 JUN 1999	Vol t l	GC/MS
WG60497	R69007	L9906489	24	W t	V l til O g ni	8260A	18 JUN 1999	Vol t l	GC/MS
WG60497	R69007	L9906489	32	Wat	V l t l O gani	8260A	18 JUN 1999	Vol til	GC/MS
WG60497	R69007	L9906489	33	W t r	Vol til O g ni	8260A	18 JUN 1999	Vol til	GC/MS
WG60497	R69007	L9906489	34	W t	Vol til O g ni s	8260A	18 JUN 1999	Vol til	GC/MS
WG60497	R69007	L9906489	35	W t	Vol til O gan	8260A	18 JUN 1999	Vol til	GC/MS
WG60497	R69007	L9906489	36	W t	Vol t l O g n	8260A	18 JUN 1999	Vol t l	GC/MS
WG60776	R69489	L9906489	20	W t	Vol t l O g ni	8260A	17 JUN 1999	V l til	GC/MS

KEMRON ANALYST LIST

Ohio Valley Laboratory

06/24/99

ALC	Ann L Clark
BAD	Becky A. Diehl
CAR	Caleb A. Robinson
CBN	C Brian Noll
CEB	Chad E Barnes
CDB	Christy D Burton
CK	Carl King
CMS	Crystal M Stevens
CRC	Carla R Cochran
DIH	Deanna I Hesson
DLN	Deanna L Norton
DLP	Dorothy L Payne
DMD	David M Dye
ECL	Eric C Lawson
FEH	Fay E Harmon
GWH	George W Hutchinson
HLC	Holly L Currey
HV	Hema Vilasagar
JCR	Jennifer C Randall
JG	Jonathan Graziani
JLH	Janice L Holland
JWR	John W Richards
JYH	Ji Y Hu
KAS	Kevin A Stutler
KHA	Kim H Archer
KJS	Kara J Stump
KRA	Kathy R Albertson
LKM	Laura K Morris
MDA	Mike D Albertson
MDC	Michael D Cochran
MES	Mary E Schiling
MLS	Michael L Schimmel
MMB	Maren M Beery
NLC	Nicole L Currey
RDC	Rebecca D Cutlip
RDS	Rebecca D Sutton
REF	Ron E Fertile
REK	Robert E Kyer
RSS	Regina S Simmons
RWC	Rodney W Campbell
SJK	Sindy J Kinney
SJM	Shawn J Marshall
SLP	Sheri L Pfalzgraf
SLT	Stephanie L Tepe
SMW	Shauna M Welch
SPL	Steve P Learn
SPS	Steve P Swatzel
TRS	Todd R Stack
VC	Vicki Collier
VMN	Vincent M Nedeff

KEMRON Environmental Services Inc
LIST OF VALID QUALIFIERS (qual)
December 10 1998

Qualifier	Description
A	See the report narrative
NA	Not applicable
+	Correlation coefficient for the MSA is less than 0 995
<	Less than
>	Greater than
B	Present in the method blank
C	Confirmed by GC/MS
*	Surrogate or spike compound out of range
CG	Confluent growth
D	The analyte was quantified at a secondary dilution factor
DL	Surrogate or spike was diluted out
E	Estimated concentration due to sample matrix interference
F	Present below nominal reporting limit (AFCEE only)
FL	Free liquid
I	Semiquantitative result out of instrument calibration range
J	Present below nominal reporting limit
L	Sample reporting limits elevated due to matrix interference
M	Duplicate injection precision not met

Qualifier	Description
N	Tentatively Identified Compound (TIC)
ND	Not detected at or above the reporting limit (RL)
NF	Not found
NFL	No free liquid
NI	Non ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentration > 25% difference between the two GC columns
QNS	Quantity not sufficient to perform analysis
R	Analyte exceeds regulatory limit
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TNTC	Too numerous to count
U	Analyzed for but not detected
W	Post digestion spike for furnace AA out of control limits
Z	Can not be resolved from isomer See below

Special Notes for Organic Analytes

1 Acrolein and acrylonitrile by method 624 are semiquantitative screens only
2 1 2 Diphenylhydrazine is unstable and is reported as azobenzene
3 N nitrosodiphenylamine cannot be separated from diphenylamine
4 3 Methyphenol and 4 Methyphenol are unresolvable compounds
5 m Xylene and p Xylene are unresolvable compounds
6 The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264 Appendix IX They are not always achievable for every compound and are matrix dependent

Chain of Custody Forms

CHRYSLER CORPORATION Offsite Geoprobe Investigation Stage II **Chain-of-Custody** 04440 A

CompuChem 501 Madison Avenue Cary NC 27513 Ph ne N mber 1 800 833 5097 Fax Number (919) 379-4050 Kemron Marietta, OH	Project Name: Dayton Thermal Products Site Location: Dayton OH 45414 Site Code: SC001 RFA Number: YGGP9900233 Chrysler PM: Gary Stanczuk	Consultant: Leggette, Brashears + Graham, Inc. Address: 1218 W Cortly Rd E Suite 700 St. Paul MN 55112 Consultant PM: Ken Vogel Phone (651) 490-1405 Fax (651) 490-1806

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)

Compound List-Parameter/Method/Bottle Type/Preservative: 40 ml VOA HCl VOC's 8260; 4 oz glass no preserv VOC's 8260

Matrix Codes: S Soil; SW Surface Water; GW Groundwater; A Air; Sed Sediment; O Other (specify) Lab DI water

	Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	40 ml VOA HCl VOC's 8260	4 oz glass no preserv VOC's 8260	Volatiles pH <2	Metals pH <2	Cyanide pH >12	Other	Remarks
✓	DP059/85-105	6/17/99	0830	G	GW	2	X						
✓	DP059/21-23		0850			2	X						
✓	DP059/38-40		0920			2	X						
✓	DP061/21-23		1120			2	X						
✓	DP063/21-23		1530			2	X						
✓	DP063/34-36		1605			2	X						
✓	DP065/19-21		1650			2	X						
✓	DP065/36-38		1750			2	X						
✓	EDP061799		1800	G	O	2	X						
✓	DP068/8-12	6/18/99	0845	G	S	2		X					pid = 120 ppm Sk surface

Cyanide

Sampler(s): Dave Strand, Mike Plante, Dave Olson, Chris Hoffman

Cool ID # RL41

Is RFA sampling complete? (Yes) N

Bottles Relinquished under Airbill No. 1Z40166303422092 57

Samples Relinquished under Airbill No. 810581589101

Temperature (corrected) 5.0 C

Relinquished by	Date	Time	Received by	Date	Time	Custody Seal Intact?
[signature]	6/18/99	1810				Yes N
						Yes N
			Received for Laboratory by: Glenna Gregory	6/21/99	0830	Yes N

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-233B

SVS rec'd 6/19/99 Stored in locked Cooler over weekend

Page 1 of 4

R N 1
Created. September 23 1997

CHRYSLER CORPORATION Offsite Geoprobe Investigation Stage II **Chain-of-Custody** 04436 A

CompuChem Kemron Marietta, OH 501 Madison Avenue Cary NC 27513 Phone Number 1 800 833 5097 Fax Number (919) 379-4050	Project Name Dayton Thermal Products Site Location Dayton, OH Site Code SC001 RFA Number XGQP9900233 Chrysler PM Gary Stanczak	Consultant: Leggette, Brashears & Graham, Inc. Address 1260 W. Co. Rd E St Paul, MN 55112 Consultant PM Ken Vogel Phone 651-490-1405 Fax 651 490 1006

Turn around Time Request: 24 calendar hrs; 48 calendar hrs; 10 day; 28 days

Data Package Deliverables (circle): Chrysler Level 1; Chrysler Level 2; Other (specify)

Compound List-Parameter/Method/Bottle Type/Preservative: VOC - 8260 40ml vial 4°C HCl

Matrix Codes: S Soil; GW Groundwater; Sed Sediment; O Other (specify); SW Surface Water; A Air

	Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOC-8260	Volatiles pH <2	Metals pH < 2	Cyanide pH > 12	Other ____	Remarks
✓	DP 060 /21-23'	6/17/99	830	G	GW	2	X					
✓	DP 060 /37 39'		945			2	X					
✓	DP-062 /20-22'		1030			2	X					
✓	DP-062/20 22 MS/MSD		1035			4	X					
✓	DP-062/37 39'		1115			2	X					
✓	DP 062/37-39' DUP		11.15			2	X					Duplicate
✓	DP-064/20-22'		1245			2	X					
✓	DP-064/37-39'		14.15			2	X					
✓	DP-0666/20-22'		16'00			2	X					
✓	DP-0666/37-39'	↓	17.00	↓	↓	2	X					

Cooler Dealer

Sampler(s): Dane Olson, Chris Hoffman

Bottles Relinquished and Airbill No. 1240166303422092 57 | Samples Relinquished and Airbill No. 8105 8158 9101 | Temperature (corrected) 5.0 C SXS with Dog

Relinquished by	Date	Time	Received by	Date	Time	Custody Seal Intact?
[signature]	6/18/99	1810				Yes N
Relinquished by	Date	Time	Received by	Date	Time	Custody Seal Intact?
						Yes N
Relinquished by	Date	Time	Received for Laboratory by: Belinda Gregory	Date: 6/21/99	Time: 0830	Custody Seal Intact? Yes N

Cool ID # RL41

Is RFA sampling compl: Yes N

Chrysler Corporation 800 Chrysler Drive CIMS 482-00-51 Auburn Hills Michigan 48326-2757

SDG-233 B

Distribution White copy Data package Yellow Retained by laboratory Pink Retained by sampler

SXS rec'd 6/19/99 Stored in locked Cooler over weekend

Page 2 of 4

R N 1
C d. Sep embe 23 1997

CHRYSLER CORPORATION

Offsite Geoprobe Investigation Stage II **Chain-of-Custody**

04438 A

CompuChem 501 Madison Avenue Cary NC 27513 Ph ne Number 1 800 833 5097 Fax Number (919) 379-4050	Project Name Dayton Thermal Products Site Location Dayton OH 45414 Site Code SC081 RFA Number YGGP9900233 Chrysler PM Gary Starczuk	Consultant Leggette, Brashears + Graham, Inc. Address 1210 W. Cnty Rd. E Suite 700 St. Paul MN 55112 Consultant PM Ken Vogel Phone (651) 490-1405 Fax. (651) 490-1006

Kenron Marietta OH

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)

Compound List-Parameter/Method/Bottle Type/Preservative: 40 ml VOA HCl; VOC's 8260

Matrix Codes: S Soil; SW Surface Water; GW Groundwater; A Air; Sed Sediment; O Other (specify) Lab DI water

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	40 ml VOA HCl VOC's 8260	Lab Use Only: Volatiles pH <2	Metals pH <2	Cyanide pH >12	Other	Remarks
✓ DP067/21-23	6/18/99	0815	G	GW	2	X					
✓ DP067/38-40	↓	0850	↓	↓	2	X					
✓ DP069/34-36	↓	1045	↓	↓	2	X					
✓ DP071/38-40	↓	1455	↓	↓	2	X					
✓ EDP061899	↓	1510	↓	O	2	X					
✓ Trip Blanks	↓	—	—	O	2	X					

Coc sealed SXS intact 5.6 c (bg)

Sampler(s) Dave Strand, M McPlants, Dave Olsen, Chris Hoffman

Cooler ID RL41

Is RFA amplng compl: Yes N

Bottles Relinquished unde Airbill No. 1Z401663034220925 7			Samples R li quished under Airbill No. 810581589101			T mperature (corrected) 5.6 c (bg)
Relinq ished by: M McPlants	Date: 6/18/99	Time 1810	Received by:	Date:	Time:	Custody Seal Intact? Yes N
Relinquished by:	Date:	Time	Received by:	Date:	Time:	Custody Seal Intact? Yes N
Relinquished by:	Date:	Time	Received for Laboratory by: Brenda Gregory	Date: 6/21/99	Time: 0830	Custody Seal Intact? Yes N

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-233B

SXS recd 6/19/99 Stored in locked cooler over weekend (bg)

R vis N 1
C t d Sept mbe 23 1997

CHRYSLER CORPORATION

Off Site Geoprobe Investigation Phaze II

Chain-of-Custody

04437 A

CompuChem
501 Madison Avenue
Cary NC 27513
Phone Number 1 800 833 5097
Fax Number (919) 379-4050

Kemron Marietta, OH

Project Name: Dayton Thermal Products
Site Location: Dayton, OH
Site Code: SC001
RFA Number: YGQP9900233
Chrysler PM: Gary Stanczak

Consultant: Leggette, Brashears & Graham Inc.
Address: 11210 Wat. Co. Rd. E, St Paul, MN. 55112
Consultant PM: Ken Vogel
Phone: 651-490-1405 Fax: 651 490-1405

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)

Compound List-Parameter/Method/Bottle Type/Preservative: VOC 8260 40ml VOA HCl

Matrix Codes
S Soil
GW Groundwater
Sed Sediment
O Other (specify)
SW Surface Water
A Air

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOC 8260 40ml VOA HCl	Lab Use Only: Volatiles pH <2	Metals pH < 2	Cyanide pH > 12	Other	Remarks
~~DP-068/8-12'~~	6/18/99		~~G~~	~~GW~~	~~2~~	~~X~~					
✓ DP-068/35-37'		945	G	GW	2	X					
✓ DP-068/35-37' Dup		945	G		2	X					
✓ DP-068/35-37'/MS/MSD		945	G		4	X					
✓ DP-070/37-39'		1145	G		2	X					
✓ DP-072/37-39'		1420	G		2	X					
✓ DP-072/20-22'		1330	G		2	X					
✓ DP-074/20-22'		1530	G		2	X					
✓ DP-074/37-39'	↓	1545	G	↓	2	X					

Cyc Dealec SXS intact

Sampler(s): Dave Olson, Chris Hoffman

Cool ID # RL 41

Is RFA sampling compl ? Yes N

Bottles Relinquished under Airbill No. 7740166303422092 57

Samples Relinquished under Airbill No. 810581589101

Temperature (corrected) 5.0c (bg)

Relinquished by	Date	Time	Received by	Date	Time	Custody Seal Intact?
Dave B Olson	6/18/99	1810				Yes N
						Yes N
			Received for Laboratory by: Blenda Gregory	6/19/99	0830	Yes N

Rec'd 6/19/99 Stored in locked cooler over weekend (bg)

Chrysler Corporation 800 Chrysler Drive CIMS 482-00-51 Auburn Hills Michigan 48326-2757

SPG-233B

Distribution White copy Data package Yellow Retained by laboratory Pink Retained by sampler

R N 1
C d Sep mber 23 1997

RFA -240
Vogel

KEMRON
ENVIRONMENTAL SERVICES

109 Starlite Park ▪ Marietta OH 45750 ▪ Telephone (740) 373 4071 ▪ FAX (740) 373 4835

July 14 1999

Ms Diane Byrd
501 Madison Avenue
Cary NC 27513

Dear Ms Byrd

Please find enclosed the Ohio VAP Certification Form It was inadvertently omitted from the KEMRON Laboratory Report L9906489

Kemron apologizes for any inconveniences this may have caused If you have any questions or comments I can be reached at (800)373-4071 or by e mail at plane@kemron lab com

Sincerely

Patricia D Lane
Technical Service Representative

Enclosure

ARS

AFFIDAVIT ON BEHALF OF CERTIFIED LABORATORY

I ***Dennis Tepe*** being duly sworn on oath, state that to the best of my knowledge information and belief

1 I am authorized to submit this affidavit on behalf of ***KEMRON Environmental Services, Inc.*** , which has been engaged as a Certified Laboratory for purposes of a voluntary action pursuant to Ohio s Voluntary Action Program

2 The voluntary action is being conducted at ***Dayton Thermal Products,*** located at ***Dayton, OH 45414***

3 ***KEMRON Environmental Services, Inc.*** was a Certified Laboratory pursuant to Ohio Revised Code (ORC) Chapter 3746 and Ohio Administrative Code (OAC) Chapter 3745 300 when it performed the analyses for the purpose of conducting or completing the voluntary action

4 All of the analyses performed by ***KEMRON Environmental Services, Inc.*** for purposes of conducting or completing the voluntary action complied with the applicable requirements of ORC Chapter 3746 and rules adopted under OAC Chapter 3745 300

5 The following information, data, documents and/or reports attached hereto are being submitted with this affidavit (attach additional pages if more space is needed)

(a) **L9906489**,
(b) _____,
(c) _____

6 All of the information, data, documents and/or reports submitted with this affidavit are true accurate and complete

7 ***KEMRON Environmental Services Inc.*** has no conflict of interest, as set forth in OAC rules 3745 300 04(I)(5) and 3745 300 05(F)(3) in performing the analyses referred to in this affidavit

FURTHER AFFIANT SAYETH NOT

Dennis S Tepe
(SIGNATURE)

Subscribed and sworn before me
this 14 day of July, 1999

Lucinda Sue Arnold
Notary Public
My commission expires 4/16/2002

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

EPA Region 5 Records Ctr
349969

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446III
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP32 33 35'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1.0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	600 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3-DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1.0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	360 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT MK

ALA GAJDA LAB SUPERVISOR Ala Gajda

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446JJJ
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP31 20 22'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	480 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1.0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5.0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	5400 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT TSM

ALA GAJDA LAB SUPERVISOR Ala Gajda

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446KKK
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP31 35 37'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1.0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5.0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1.0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT TM

ALA GAJDA LAB SUPERVISOR Ala Gajda

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810 731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446LLL
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP31 12 16

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	90 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446MMM
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP34 38 40'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1.0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1.0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1.0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	2500 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHANE	8021	15 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5.0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1.0 ppBILLION
TOLUENE	8021	LESS THAN 1.0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TRICHLOROETHYLENE	8021	6100 ppBILLION
TRANS 1,2 DCE	8021	23 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1.0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1.0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1.0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT TM

ALA GAJDA LAB SUPERVISOR Ala Gajda

ENVIRONMENTAL QUALITY LABORATORIES, INC

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Sterling Heights Michigan 48314 1420
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Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446NNN
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP33 19 21'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1.0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	420 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	91 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5.0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1.0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	740 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1.0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446000
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP33 38 40'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1.0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	63 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1.0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	240 ppBILLION
TRANS 1,2 DCE	8021	16 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1.0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____
ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
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810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446PPP
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP34 21 23

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1.0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	840 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	70 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5.0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1.0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	60 ppBILLION
TRANS 1,2 DCE	8021	17 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT
ALA GAJDA LAB SUPERVISOR

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
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810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446QQQ
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP34 4 8'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
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810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446RRR
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP34 12 16'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT TSM

ALA GAJDA LAB SUPERVISOR Ala Gajda

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446SSS
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP33 0 4'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
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810-731 1818
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Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446TTT
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP36 30-32'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/23/99
DATE RECEIVED 04/23/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1.0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1.0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	2100 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	340 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1.0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	4800 ppBILLION
TRANS 1,2 DCE	8021	53 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446UUU
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP37 19-21'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/23/99
DATE RECEIVED 04/23/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1.0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	54 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	260 ppBILLION
TRANS 1,2 DCE	8021	6 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446VVV
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP35 17 19'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/23/99
DATE RECEIVED 04/23/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1.0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	25 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	5 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1.0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1.0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	130 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1.0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810 731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446WWW
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP35 38 40'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/23/99
DATE RECEIVED 04/23/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1.0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1.0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1.0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	6 0 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1.0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1.0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5.0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
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810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446XXX
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP37 38 40'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/23/99
DATE RECEIVED 04/23/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1.0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1.0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 1.0 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____
ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446YYY
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP39 18 20'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/23/99
DATE RECEIVED 04/23/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1.0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2-DICHLOROETHENE	8021	430 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5.0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1.0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	3500 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446ZZZ
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP39 38-40'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/23/99
DATE RECEIVED 04/23/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS-1,2-DICHLOROETHENE	8021	2300 ppBILLION
1,2-DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3-DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4-DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1-DICHLOROETHANE	8021	7 0 ppBILLION
1,2-DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1-DICHLOROETHENE	8021	170 ppBILLION
1,2-DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS-1,3-DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS-1,3-DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2-TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2-TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1-TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2-TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	8600 ppBILLION
TRANS-1,2-DCE	8021	23 ppBILLION
VINYL CHLORIDE	8021	200 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3-TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2-CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

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810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446AB
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP38 20-22'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/23/99
DATE RECEIVED 04/23/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS-1,2-DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2-DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3-DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4-DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1-DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2-DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1-DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2-DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS-1,3-DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS-1,3-DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2-TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2-TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1-TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2-TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	36 ppBILLION
TRANS-1,2-DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3-TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2-CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT TSM

ALA GAJDA LAB SUPERVISOR Ala Gajda

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446AC
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP38 34 36'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/23/99
DATE RECEIVED 04/23/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1.0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1.0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1.0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	8.4 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

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Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446AD
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP36 8 12'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/23/99
DATE RECEIVED 04/23/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT
ALA GAJDA LAB SUPERVISOR

ENVIRONMENTAL QUALITY LABORATORIES, INC

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810-731 1818
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Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446AE
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP36 12 16'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/23/99
DATE RECEIVED 04/23/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____
ALA GAJDA LAB SUPERVISOR _____

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Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446AF
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP38 4 8'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/23/99
DATE RECEIVED 04/23/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446AG
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP38 8 12'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/23/99
DATE RECEIVED 04/23/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____
ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

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Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446AL
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
AIR SAMPLE TEDLARUP36

DATE REPORTED 04/28/99 DATE EXTRACTED 04/23/99
DATE RECEIVED 04/23/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **METHOD 18**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	18	LESS THAN 100 ppBILLION
BROMODICHLOROMETHANE	18	LESS THAN 100 ppBILLION
BROMOFORM	18	LESS THAN 100 ppBILLION
BROMOMETHANE	18	LESS THAN 100 ppBILLION
CARBON TETRACHLORIDE	18	LESS THAN 100 ppBILLION
CHLOROBENZENE	18	LESS THAN 100 ppBILLION
DIBROMOCHLOROMETHANE	18	LESS THAN 100 ppBILLION
CHLOROETHANE	18	LESS THAN 100 ppBILLION
CHLOROFORM	18	LESS THAN 100 ppBILLION
CHLOROMETHANE	18	LESS THAN 100 ppBILLION
CIS-1,2 DICHLOROETHENE	18	LESS THAN 100 ppBILLION
1,2 DICHLOROBENZENE	18	LESS THAN 100 ppBILLION
1,3 DICHLOROBENZENE	18	LESS THAN 100 ppBILLION
1,4 DICHLOROBENZENE	18	LESS THAN 100 ppBILLION
DICHLORODIFLUOROMETHANE	18	LESS THAN 100 ppBILLION
1,1 DICHLOROETHANE	18	LESS THAN 100 ppBILLION
1,2 DICHLOROETHANE	18	LESS THAN 100 ppBILLION
1,1 DICHLOROETHENE	18	LESS THAN 100 ppBILLION
1,2 DICHLOROPROPANE	18	LESS THAN 100 ppBILLION
CIS 1,3 DICHLOROPROPENE	18	LESS THAN 100 ppBILLION
TRANS 1,3 DICHLOROPROPENE	18	LESS THAN 100 ppBILLION
ETHYL BENZENE	18	LESS THAN 100 ppBILLION
METHYLENE CHLORIDE	18	LESS THAN 100 ppBILLION
1,1,2,2 TETRACHLOROETHANE	18	LESS THAN 100 ppBILLION
1,1,1,2 TETRACHLOROETHANE	18	LESS THAN 100 ppBILLION
TETRACHLOROETHYLENE	18	LESS THAN 100 ppBILLION
TOLUENE	18	LESS THAN 100 ppBILLION
1,1,1 TRICHLOROETHANE	18	LESS THAN 100 ppBILLION
1,1,2 TRICHLOROETHANE	18	LESS THAN 100 ppBILLION
TRICHLOROETHYLENE	18	PRESENT ppBILLION
TRANS 1,2 DCE	18	LESS THAN 100 ppBILLION
VINYL CHLORIDE	18	LESS THAN 100 ppBILLION
TRICHLOROFLUOROMETHANE	18	LESS THAN 100 ppBILLION
DIBROMOMETHANE	18	LESS THAN 100 ppBILLION
1,2,3 TRICHLOROPROPANE	18	LESS THAN 100 ppBILLION
BROMOBENZENE	18	LESS THAN 100 ppBILLION
2 CHLOROETHYL VINYL ETHER	18	LESS THAN 100 ppBILLION
XYLENES	18	LESS THAN 100 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
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Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446AH
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP40 21 23'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/23/99
DATE RECEIVED 04/23/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1.0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1.0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	830 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	13 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHENE	8021	20 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1.0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1.0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TRICHLOROETHYLENE	8021	3900 ppBILLION
TRANS 1,2 DCE	8021	17 ppBILLION
VINYL CHLORIDE	8021	73 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5.0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446AI
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP40 38 40'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/23/99
DATE RECEIVED 04/23/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1.0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	1100 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHENE	8021	37 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1.0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	5100 ppBILLION
TRANS 1,2 DCE	8021	13 ppBILLION
VINYL CHLORIDE	8021	20 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____
ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446AJ
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP41 38 40'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/23/99
DATE RECEIVED 04/23/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1.0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1.0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	160 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	840 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446AK
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP42 38 40'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/23/99
DATE RECEIVED 04/23/99 DATE ANALYZED 04/23/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1.0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1.0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1.0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	220 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1.0 ppBILLION
1,1-DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1.0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	97 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	6500 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____
ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES INC
44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
(810) 731 1818 (800) 368 5227

№ 18614

Chain of Custody

Analysis Request

1
Consultant LBG Serv Sta# _____
Sampler _____ Phone _____
Location Dayton Ohio
Fri 4-23-99
Phone _____

2 Sample Identification	Collection Date	Collection Time	3 Grab	Composite	4 Matrix Soil	Water	Other	Total # of Containers	5 Analyses Requested 8021	Remarks 6
DP 36 8 12 Soil	4-23-99	1154			X					
DP 36 12-16 Soil					X					
DP 38 4-8 Soil					X					
DP 38 8-12 Soil					X					
DP 40 21-23 H_2O						X		2		
DP 40 38-40 H_2O						X		2		
DP 41 38-40 H_2O						X		2		
DP 42 38 40 H_2O						X		2		
DP										

7
Turnaround time requested (please circle) Emergency Routine
(Call to confirm Emergency turnaround time)

Rush analyses results via
Fax# _____ or Phone # _____

8 – This section MUST be signed each time the sample changes hands! –

Relinquished by	Date	Time	Received by	Date	Time

10
CONDITION OF SAMPLES UPON RECEIPT AT EQL
Sample Temp _____ Preserved? _____ Damaged? _____
Comments _____

9

Relinquished by	Date	Time	Received by	Date	Time

In case we have questions when the samples arrive call
Name _____ Phone _____
Send report to _____

ENVIRONMENTAL QUALITY LABORATORIES INC
44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
(810) 731 1818 (800) 368 5227

№ 18613

Chain of Custody

Analysis Request

1
Consultant LBG Serv Sta# _____
Sampler _____ Phone _____
Location Dayton Ohio
Fri 4-23-99
_____ Phone _____

2 Sample Identification	Collection Date	Collection Time	3 Grab	Composite	4 Matrix Soil	Water	Other	Total # of Containers	5 Analyses Requested: 8021	6 Remarks
DP 36 30'-32' H2O	4 23 99					X		2		
DP 37 19'-21' H2O						X		2		
DP 35 17-19' H2O						X		2		
DP 35 38-40' H2O						X		2		
DP 37 38 40 H2O						X		2		
DP 39 18 20 H2O						X		2		
DP 39 38-40 H2O	"					X		2		
DP 38 20 22 H2O						X		2		
DP 38 34-36 H2O						X		2		

7
Turnaround time requested (please circle) Emergency Routine
(Call to confirm Emergency turnaround time)

Rush analyses results via
Fax# _____ or Phone # _____

8 – This section MUST be signed each time the sample changes hands! –

Relinquished by	Date	Time	Received by	Date	Time

10
CONDITION OF SAMPLES UPON RECEIPT AT EQL
Sample Temp _____ Preserved? _____ Damaged? _____
Comments _____

9

Relinquished by	Date	Time	Received by	Date	Time

In case we have questions when the samples arrive call
Name _____ Phone _____
Send report to _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 144600
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP24 16 20'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/21/99
DATE RECEIVED 04/21/99 DATE ANALYZED 04/22/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	36 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446PP
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP23 38 40'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/22/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	200 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	6 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3-DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TRICHLOROETHYLENE	8021	860 ppBILLION
TRANS 1,2 DCE	8021	6 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1.0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446QQ
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP25 19 21'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/22/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5.0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TRICHLOROETHYLENE	8021	1400 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1.0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1.0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1.0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446RR
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP25 38 40'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/22/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1.0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5.0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	2200 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1.0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
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810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446SS
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP26 35 37'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/22/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT TM
ALA GAJDA LAB SUPERVISOR

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
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810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446TT
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP26 16 20'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/22/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446UU
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP25 8 12'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/22/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	37 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446VV
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP28 38 40'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/22/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1.0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	2900 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1.0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
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810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446WW
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP30 20 22'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/22/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1.0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1.0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	480 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1.0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1.0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TRICHLOROETHYLENE	8021	2100 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1.0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446XX
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP27 38 40'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/22/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1.0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1.0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	140 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	6.0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5.0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	110 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1.0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446YY
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP27 23 25'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/22/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1.0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5.0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	9.0 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446ZZ
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP30 38 40'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/22/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1.0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	110 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1.0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5.0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1.0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TRICHLOROETHYLENE	8021	570 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT TM
ALA GAJDA LAB SUPERVISOR Ala Gajda

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800- 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446AAA
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP28 19 21'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/22/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1.0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	2 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	96 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5.0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	680 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446BBB
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP29 21 23'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/22/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1.0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	16 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1.0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT MM

ALA GAJDA LAB SUPERVISOR Ala Gajda

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446CCC
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP29 38 40'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/22/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	183 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1-DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
TRANS 1,3-DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5.0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	1470 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT TMC
ALA GAJDA LAB SUPERVISOR Ala Gajda

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
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Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446DDD
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP32 19 21'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/22/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1.0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	180 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4-DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5.0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	970 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1.0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446EEE
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP29 21 23'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/22/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446FFF
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP32 12 16'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/22/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446GGG
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP27 8 12'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/22/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446HHH
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP30 12 16'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/22/99
DATE RECEIVED 04/22/99 DATE ANALYZED 04/22/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES INC
44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
(810) 731 1818 (800) 368 5227

№ 18611

Chain of Custody
Analysis Request

1
Consultant LBG Serv Sta# _____
Sampler _____ Phone _____
Location Dayton Ohio
4-22-99 Th
Phone _____

2 Sample Identification	Collection Date	Collection Time	3 Grab	Composite	4 Matrix Soil	Water	Other	Total # of Containers	5 Analyses Requested 8021	Remarks 6
DP29 21-23' H_2O	4-22	Th				X		2		
DP29 38-40 H_2O						X		2		
DP 32 19'-21' H_2O						X		2		
DP 29 21-23 soil					X			1		
DP 32 12' 16 soil					X			1		
DP 32 33 35 H_2O					X			2		
DP31 20-22 H_2O						X		2		
DP31 35-37 H_2O						X		2		
DP31 12-16 soil					X			1		

7
Turnaround time requested (please circle) Emergency Routine
(Call to confirm Emergency turnaround time)

Rush analyses results via
Fax# _____ or Phone # _____

8
– This section MUST be signed each time the sample changes hands! –

Relinquished by	Date	Time	Received by	Date	Time

10
CONDITION OF SAMPLES UPON RECEIPT AT EQL
Sample Temp _____ Preserved? _____ Damaged? _____
Comments _____

9

Relinquished by	Date	Time	Received by	Date	Time

In case we have questions when the samples arrive call
Name _____ Phone _____
Send report to _____

ENVIRONMENTAL QUALITY LABORATORIES INC
44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
(810) 731 1818 (800) 368 5227

№ 18610

Chain of Custody
Analysis Request

1
Consultant LBG Serv Sta# _____
Sampler Dayton Thermal Phone _____
Location Dayton, Ohio
_____ Phone _____

2 Sample Identification	Collection Date	Collection Time	3 Grab	Composite	4 Matrix: Soil	Water	Other	Total # of Containers	5 Analyses Requested: 8021	Remarks 6
DP 28 38-40 H_2O	4-22-94	940	X			X		2		
DP 28 19-21 H_2O						X		2		
DP 30 20-22, H_2O						X		2		
DP 27 38-40 H_2O		1150				X		2		
DP 27 23-25 H_2O						X		2		
DP 27 8'-12' Soil					X			1		
DP 30 12-16 Soil					X			1		
DP 30 38-40 H_2O		1200				X		2		

7
Turnaround time requested (please circle) Emergency Routine
(Call to confirm Emergency turnaround time)

Rush analyses results via
Fax# _____ or Phone # _____

8 – This section MUST be signed each time the sample changes hands! –

Relinquished by	Date	Time	Received by	Date	Time

10
CONDITION OF SAMPLES UPON RECEIPT AT EQL
Sample Temp _____ Preserved? _____ Damaged? _____
Comments _____

9

Relinquished by	Date	Time	Received by	Date	Time

In case we have questions when the samples arrive call
Name _____ Phone _____
Send report to _____

ENVIRONMENTAL QUALITY LABORATORIES INC
44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
(810) 731 1818 (800) 368 5227

№ 18612

Chain of Custody
Analysis Request

1 Consultant LBG Serv Sta# _____
Sampler _____ Phone _____
Location Dayton Ohio 4 22 99 Th
_____ Phone _____

2 Sample Identification	Collection Date	Collection Time	3 Grab	Composite	4 Matrix Soil	Water	Other	Total # of Containers	5 Analyses Requested 8021								Remarks
DP34 21 23 H2O	4 22	1510				X		2									6 run 4/23 F
DP34 4-8 Soil	4 22				X			1									
DP34 12-16 Soil	4 22				X			1									
DP34 38-40 H2O	4-22				/			1									
DP33 19 21 H2O	|					X		2									
DP33 38-40 H2O	|					X		2									
DP33 0-4 Soil	|				X			1									

7 Turnaround time requested (please circle) Emergency Routine
(Call to confirm Emergency turnaround time)

Rush analyses results via
Fax# _____ or Phone # _____

8 – This section MUST be signed each time the sample changes hands! –

Relinquished by	Date	Time	Received by	Date	Time

9

Relinquished by	Date	Time	Received by	Date	Time

10 CONDITION OF SAMPLES UPON RECEIPT AT EQL
Sample Temp _____ Preserved? _____ Damaged? _____
Comments _____

In case we have questions when the samples arrive call
Name _____ Phone _____
Send report to _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446BB
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP18 33 5 35 5'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/21/99
DATE RECEIVED 04/21/99 DATE ANALYZED 04/21/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1.0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1.0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1.0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	17 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	9.0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	27 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1.0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	2400 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT

ALA GAJDA LAB SUPERVISOR

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
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Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446CC
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP19 38 40'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/21/99
DATE RECEIVED 04/21/99 DATE ANALYZED 04/21/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1.0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1.0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	320 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHANE	8021	8 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	25 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1.0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	19 ppBILLION
TRANS 1,2 DCE	8021	9 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

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THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

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Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446DD
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP20 38-40

DATE REPORTED 04/28/99 DATE EXTRACTED 04/21/99
DATE RECEIVED 04/21/99 DATE ANALYZED 04/21/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS-1,2-DICHLOROETHENE	8021	13 ppBILLION
1,2-DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3-DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4-DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1-DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,2-DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1-DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2-DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS-1,3-DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS-1,3-DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2-TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2-TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1-TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2-TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	2300 ppBILLION
TRANS-1,2-DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3-TRICHLOROPROPANE	8021	LESS THAN 1.0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2-CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

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THOMAS S MEGNA PRESIDENT _____
ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

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Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446EE
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP22 18 5 20 5'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/21/99
DATE RECEIVED 04/21/99 DATE ANALYZED 04/21/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1.0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	12 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	2 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1.0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	4400 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1.0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

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THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

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810-731 1818
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Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446FF
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP22 38 40'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/21/99
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ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1.0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	16 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	2 7 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5.0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1.0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	440 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1.0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

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THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446GG
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP22 12 16'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/21/99
DATE RECEIVED 04/21/99 DATE ANALYZED 04/21/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3-DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

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THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

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Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446HH
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP21 38 40'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/21/99
DATE RECEIVED 04/21/99 DATE ANALYZED 04/21/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	370 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	9.0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	23 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	1100 ppBILLION
TRANS 1,2 DCE	8021	7 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

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Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446II
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP21 0 4'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/21/99
DATE RECEIVED 04/21/99 DATE ANALYZED 04/21/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446JJ
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP21 24 26'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/21/99
DATE RECEIVED 04/21/99 DATE ANALYZED 04/21/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	44 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446KK
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP23 24 26'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/21/99
DATE RECEIVED 04/21/99 DATE ANALYZED 04/21/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1.0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	34 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	1.6 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TRICHLOROETHYLENE	8021	12 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800- 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446LL
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP24 19 21'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/21/99
DATE RECEIVED 04/21/99 DATE ANALYZED 04/21/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5.0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	72 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1.0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446MM
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP24 35 37'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/21/99
DATE RECEIVED 04/21/99 DATE ANALYZED 04/21/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1.0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1.0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5.0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446NN
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP23 4 8'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/21/99
DATE RECEIVED 04/21/99 DATE ANALYZED 04/21/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT
ALA GAJDA LAB SUPERVISOR

ENVIRONMENTAL QUALITY LABORATORIES INC
44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
(810) 731 1818 (800) 368 5227

№ 18624

Chain of Custody
Analysis Request

1 Consultant LBG Serv Sta# _____
Sampler _____ Phone _____
Location DA MONS
_____ Phone _____

2 Sample Identification	Collection Date	Collection Time	3 Grab	Composite	4 Matrix Soil	Water	Other	Total # of Containers	5 Analyses Requested 8021								Remarks 6
DP 23 4-8 Soil	4 21	wed			X			1									wed .99
DP 24 16-20' soil	4 21	1			X			1									
DP 23 38-40 H2O	4 21	1				X		2									
DP 25 19 21 H2O	4 21	1640				X		2									
DP 25 38 40 H2O	4-21	1700				X		2									
DP 25 8'-12' Soil	4 21	1			X			1									
DP 26 16 20 soil	1	1															
DP 26 35 37 soil	1	1															

7 Turnaround time requested (please circle) Emergency Routine
(Call to confirm Emergency turnaround time)

Rush analyses results via
Fax# _____ or Phone # _____

8 – This section MUST be signed each time the sample changes hands! –

Relinquished by	Date	Time	Received by	Date	Time

10 CONDITION OF SAMPLES UPON RECEIPT AT EQL
Sample Temp _____ Preserved? _____ Damaged? _____
Comments _____

9

Relinquished by	Date	Time	Received by	Date	Time

In case we have questions when the samples arrive call
Name _____ Phone _____
Send report to _____

ENVIRONMENTAL QUALITY LABORATORIES INC
44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
(810) 731 1818 (800) 368 5227

№ 18625

Chain of Custody
Analysis Request

1 Consultant LBG Serv Sta# _____
Sampler _____ Phone _____
Location Dayton Thermal Products
Dayton Ohio
_____ Phone _____

2 Sample Identification	Collection Date	Collection Time	3 Grab	Composite	4 Matrix Soil	Water	Other	Total # of Containers	5 Analyses Requested 8021	6 Remarks
DP 22 4 21 18 5 20.5 H2O Wed	4 21-99					X		1		
DP 22 4 21 38-40 H2O						X		2		
DP 22 4 21 12 16 Soil					X			1		
DP 21 38-40 (H2O) 1200	"	1200				X		2		
DP 21 0 4 (Soil) 945		945			X			1		
DP 21 24-26 Soil		10 50			X			1		
DP 23 24 26 H2O		13.50				X		2		
DP 24 19' 21' H2O		1325				X		2		
DP 24 35-37' H2O		14'30				X		2		

7 Turnaround time requested (please circle) Emergency Routine
(Call to confirm Emergency turnaround time)

Rush analyses results via
Fax# _____ or Phone # _____

8 – This section MUST be signed each time the sample changes hands! –

Relinquished by	Date	Time	Received by	Date	Time

10 CONDITION OF SAMPLES UPON RECEIPT AT EQL
Sample Temp _____ Preserved? _____ Damaged? _____
Comments _____

9

Relinquished by	Date	Time	Received by	Date	Time

In case we have questions when the samples arrive call
Name _____ Phone _____
Send report to _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446F
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP14 4 8'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/19/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446G
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP15 12 16'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/20/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	130 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

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THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446H
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP16 16-20'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/20/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS-1,2-DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2-DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3-DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4-DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1-DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2-DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1-DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2-DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS-1,3-DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS-1,3-DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2-TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2-TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1-TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2-TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS-1,2-DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3-TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2-CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446I
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP15 17 19'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/20/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1.0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	200 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHANE	8021	6 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5.0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	22 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	99 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	1600 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1.0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446J
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP16 18 20'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/20/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1.0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5.0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	2 3 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

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Sterling Heights Michigan 48314 1420
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Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446K
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP15 4 8'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/20/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810 731 1818
Outside Michigan Dial 1 800 368 5227
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Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446L
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP16 4 8'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/20/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446M
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP15 38 40'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/20/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	1400 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	78 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	34 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1.0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	38 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TRICHLOROETHYLENE	8021	9300 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
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810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446N
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP16 34 36'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/20/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1.0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3-DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
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Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 14460
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP16 18 20'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/20/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
DILUTION 1 100		
BENZENE	8021	LESS THAN 100 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 100 ppBILLION
BROMOFORM	8021	LESS THAN 100 ppBILLION
BROMOMETHANE	8021	LESS THAN 100 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 100 ppBILLION
CHLOROBENZENE	8021	LESS THAN 100 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 100 ppBILLION
CHLOROETHANE	8021	LESS THAN 100 ppBILLION
CHLOROFORM	8021	LESS THAN 100 ppBILLION
CHLOROMETHANE	8021	LESS THAN 100 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 100 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 100 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 100 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 100 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 100 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 100 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 100 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 100 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 100 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 100 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 100 ppBILLION
ETHYL BENZENE	8021	LESS THAN 100 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 100 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 100 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 100 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 100 ppBILLION
TOLUENE	8021	LESS THAN 100 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 100 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 100 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 100 ppBILLION
TRANS 1,2-DCE	8021	LESS THAN 100 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 100 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 100 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 100 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 100 ppBILLION
BROMOBENZENE	8021	LESS THAN 100 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 1000 ppBILLION
XYLENES	8021	LESS THAN 300 ppBILLION

***NOTE ELEVATED RDL DUE TO DILUTIONS REQUIRED TO OVERCOME MATRIX INTERFERENCES AND QUANTITATE TARGET ANALYTES**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

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Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446P
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP18 18 20'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/20/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1.0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1.0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1.0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1.0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1.0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446
1210 WEST COUNTY ROAD 1
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER C N THERMAL PRODUCTS
STOCK PILE

DATE REPORTED 04/21/99 CTED 04/20/99
DATE RECEIVED 04/20/99 ZED 04/20/99

ORGANICS AN

ANALYZED BY TM **80**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT MM

ALA GAJDA LAB SUPERVISOR Ala Gajda

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446R
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP18 4 8'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/20/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

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810-731 1818
Outside Michigan Dial 1 800- 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446S
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP18 16 20'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/20/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446T
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP17 4 8'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/20/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

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THOMAS S MEGNA PRESIDENT

ALA GAJDA LAB SUPERVISOR

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446U
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP17 19 21'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/20/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1.0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROFORM	8021	LESS THAN 1.0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	4.0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	6 0 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1.0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5.0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3.0 ppBILLION

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THOMAS S MEGNA PRESIDENT

ALA GAJDA LAB SUPERVISOR

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446V
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP17 12 16'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/20/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

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THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446W
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP20 19 21'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/20/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	57 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1.0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1.0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	9 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	330 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446X
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP20 16 20'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/20/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	410 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446Y
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP20 4 8'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/20/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800- 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446Z
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP17 38 40

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/20/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1.0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1.0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____
ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446AA
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP19 21 23'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/20/99
DATE RECEIVED 04/20/99 DATE ANALYZED 04/20/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1.0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1.0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1.0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	3 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
TRICHLOROETHYLENE	8021	4 0 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES INC
44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
(810) 731 1818 (800) 368 5227

№ 18609

Chain of Custody
Analysis Request

1 Consultant LBG Serv Sta# _____
Sampler _____ Phone _____
Location _____
_____ Phone _____

Pg 2 of 2
4-20-91

2 Sample Identification	Collection Date	Collection Time	3 Grab	Composite	4 Matrix Soil	Water	Other	Total # of Containers	5 Analyses Requested	Remarks 6
DP17 4-8' Soil	4-20	1500			X					
DP17 19'21' H2O 1430	|					X		2		
DP17 12-16' Soil	|									
DP20 19'21' H2O	|	5050								
DP 20 16 20 Soil	|									
DP 20 4-8 Soil	|									
DP17 38-40' H2O	|									
DP 19 21 23 H2O	|									

7 Turnaround time requested (please circle) Emergency Routine
(Call to confirm Emergency turnaround time)

Rush analyses results via
Fax# _____ or Phone # _____

8 – This section MUST be signed each time the sample changes hands! –

Relinquished by	Date	Time	Received by	Date	Time

10 CONDITION OF SAMPLES UPON RECEIPT AT EQL
Sample Temp _____ Preserved? _____ Damaged? _____
Comments _____

9

Relinquished by	Date	Time	Received by	Date	Time

In case we have questions when the samples arrive call
Name _____ Phone _____
Send report to _____

ENVIRONMENTAL QUALITY LABORATORIES INC
44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
(810) 731 1818 (800) 368 5227

№ 18608

Chain of Custody
Analysis Request

1
Consultant LBG Serv Sta# _____
Sampler _____ Phone _____
Location _____
_____
_____ Phone _____

2 ✓ loaded
DP14 4'-8'-Soil loaded 1st

Sample Identification	Collection Date	Collection Time	3 Grab	Composite	4 Matrix Soil	Water	Other	Total # of Containers	5 Analyses Requested	Remarks
✓ DP15 12-16' Soil	4 20 99	9350			X			1		6
✓ DP16 16 20 Soil					X			1		
DP15 4 8 Soil					X			1		
gl DP16 4-8' Soil					X			1		
✓ DP15 ~~H2O~~ 17 19'		9504				X		2		09 30
✓ DP16 18 20' H2O		1				X		2		09 30
P18 18-20 H2O										
DP18 4 8 Soil										
DP18 16-20 Soil										

Pg 1 of 1
4 20 99

7 Stockpile 14
Turnaround time requested (please circle) Emergency Routine
(Call to confirm Emergency turnaround time)

Rush analyses results via
Fax# _____ or Phone # _____

8 – This section MUST be signed each time the sample changes hands! –

Relinquished by	Date	Time	Received by	Date	Time

9

Relinquished by	Date	Time	Received by	Date	Time

10
CONDITION OF SAMPLES UPON RECEIPT AT EQL
Sample Temp _____ Preserved? _____ Damaged? _____
Comments _____
_____
_____
_____
_____

In case we have questions when the samples arrive call
Name _____ Phone _____
Send report to _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446A
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP14 21 23

DATE REPORTED 04/28/99 DATE EXTRACTED 04/19/99
DATE RECEIVED 04/19/99 DATE ANALYZED 04/19/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1.0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1 0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1 0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	310 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3-DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1.0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1.0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	1500 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446B
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP14 16 19'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/19/99
DATE RECEIVED 04/19/99 DATE ANALYZED 04/19/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800- 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446C
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
WATER SAMPLE DP14 38 40'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/19/99
DATE RECEIVED 04/19/99 DATE ANALYZED 04/19/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 1 0 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
BROMOFORM	8021	LESS THAN 1 0 ppBILLION
BROMOMETHANE	8021	LESS THAN 1.0 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 1 0 ppBILLION
CHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
CHLOROFORM	8021	LESS THAN 1.0 ppBILLION
CHLOROMETHANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	21 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 1 0 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 1.0 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 1.0 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 1 0 ppBILLION
ETHYL BENZENE	8021	LESS THAN 1 0 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 5 0 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 1 0 ppBILLION
TOLUENE	8021	LESS THAN 1 0 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROETHYLENE	8021	33 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 1 0 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 1 0 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 1 0 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 5 0 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 1 0 ppBILLION
BROMOBENZENE	8021	LESS THAN 1 0 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 10 ppBILLION
XYLENES	8021	LESS THAN 3 0 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810 731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446D
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP14 12 16'

DATE REPORTED 04/28/99 DATE EXTRACTED 04/19/99
DATE RECEIVED 04/19/99 DATE ANALYZED 04/19/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TRANS 1,2 DCE	8021	LESS THAN 10 ppBILLION
VINYL CHLORIDE	8021	LESS THAN 10 ppBILLION
TRICHLOROFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
DIBROMOMETHANE	8021	LESS THAN 10 ppBILLION
1,2,3 TRICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
BROMOBENZENE	8021	LESS THAN 10 ppBILLION
2 CHLOROETHYL VINYL ETHER	8021	LESS THAN 100 ppBILLION
XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT MM

ALA GAJDA LAB SUPERVISOR Ala Gajda

ENVIRONMENTAL QUALITY LABORATORIES, INC

44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
810-731 1818
Outside Michigan Dial 1 800 368 5227
Fax Line 810-731 2590
Federal I D # 38 2291504

CLIENT LEGGETTE BRASHEARS & GRAHAM Inc LAB NO 1446E
1210 WEST COUNTY ROAD E SUITE 700
ST PAUL MN 55112

SAMPLE DESCRIPTION DAIMLER CHRYSLER CORP DAYTON THERMAL PRODUCTS
SOIL SAMPLE DP14 8 12

DATE REPORTED 04/28/99 DATE EXTRACTED 04/19/99
DATE RECEIVED 04/19/99 DATE ANALYZED 04/19/99

ORGANICS ANALYSIS DATA SHEET

ANALYZED BY TM **8021 SCAN**

COMPOUND NAME	METHOD	CONCENTRATION
BENZENE	8021	LESS THAN 10 ppBILLION
BROMODICHLOROMETHANE	8021	LESS THAN 10 ppBILLION
BROMOFORM	8021	LESS THAN 10 ppBILLION
BROMOMETHANE	8021	LESS THAN 10 ppBILLION
CARBON TETRACHLORIDE	8021	LESS THAN 10 ppBILLION
CHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DIBROMOCHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CHLOROETHANE	8021	LESS THAN 10 ppBILLION
CHLOROFORM	8021	LESS THAN 10 ppBILLION
CHLOROMETHANE	8021	LESS THAN 10 ppBILLION
CIS 1,2 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,3 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
1,4 DICHLOROBENZENE	8021	LESS THAN 10 ppBILLION
DICHLORODIFLUOROMETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1 DICHLOROETHENE	8021	LESS THAN 10 ppBILLION
1,2 DICHLOROPROPANE	8021	LESS THAN 10 ppBILLION
CIS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
TRANS 1,3 DICHLOROPROPENE	8021	LESS THAN 10 ppBILLION
ETHYL BENZENE	8021	LESS THAN 10 ppBILLION
METHYLENE CHLORIDE	8021	LESS THAN 10 ppBILLION
1,1,2,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,1,2 TETRACHLOROETHANE	8021	LESS THAN 10 ppBILLION
TETRACHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
TOLUENE	8021	LESS THAN 10 ppBILLION
1,1,1 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
1,1,2 TRICHLOROETHANE	8021	LESS THAN 10 ppBILLION
TRICHLOROETHYLENE	8021	LESS THAN 10 ppBILLION
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XYLENES	8021	LESS THAN 30 ppBILLION

***NOTE TERM "LESS THAN" DENOTES THAT ANALYTE RESULT IS BELOW THE REPORTED REGULATORY DERIVED TARGET LIMIT OF DETECTION**

THOMAS S MEGNA PRESIDENT _____

ALA GAJDA LAB SUPERVISOR _____

ENVIRONMENTAL QUALITY LABORATORIES INC
44075 Phoenix Drive
Sterling Heights Michigan 48314 1420
(810) 731 1818 (800) 368 5227

Nº 18607

Chain of Custody
Analysis Request

1
Consultant LBG Serv Sta# _____
Sampler _____ Phone _____
Location Dandoon
RFA Phone _____

2 Sample Identification	Collection Date	Collection Time	3 Grab	Composite	4 Matrix Soil	Water	Other	Total # of Containers	5 Analyses Requested 8010 (8020 (8021)	Remarks
DP14 4-8' (Park)	4/19/99	2:46PM	X		X			1	X	6 HNU Reading 0.0 ppm
DP14 8-12'	"	15:00	"		X			1	X	"
DP14 12-16	"	1510	"		"			1	"	
~~DP 0-4'~~	"	~~1465~~								
DP14 16-19'	"	1515								
DP14 Water 21-23'						X				
DP14 Water 38-40'						X				

7
Turnaround time requested (please circle) Emergency Routine
(Call to confirm Emergency turnaround time)

Rush analyses results via
Fax# _____ or Phone # _____

8 – This section MUST be signed each time the sample changes hands! –

Relinquished by	Date	Time	Received by	Date	Time

9

Relinquished by	Date	Time	Received by	Date	Time

10
CONDITION OF SAMPLES UPON RECEIPT AT EQL
Sample Temp _____ Preserved? _____ Damaged? _____
Comments _____

In case we have questions when the samples arrive call
Name _____ Phone _____
Send report to _____

COMPUCHEM

a division of Liberty Analytical Corp

ENTF BY/DATE DVS 3/21/99
CHECKED BY NLL
DATE 3-30-99

3/99 RFA 217
Dayton
Bldg 53 Press 16
VOC's

26/MAR/99

EPA Region 5 Records Ctr
349970

LEGGETTE BRASHEARS & GRAHAM
ATTN
1210 WEST COUNTY RD E
SUITE 700
ST PAUL, MN 55112

Subject Report of Data - Account Number# 500944 Order# 34181

ATTN

Enclosed are the results of analytical work performed in accordance with the referenced account number

This report covers 2 sample(s) appearing on the attached listing

Thank you for selecting CompuChem Environmental for your sample analysis If you should have questions or require additional analytical services please contact your representative at 1-800-833-5097

Sincerely,

Diane Ellmore

CompuChem Environmental
a division of Liberty Analytical

Attachment

501 Madison Avenue ■ Cary N C 27513 ■ Tel 919 379-4100 ■ Fax 919 379-4050

COMPUCHEM

a division of Liberty Analytical Corp

26/MAR/99

LEGGETTE BRASHEARS & GRAHAM
ATTN
1210 WEST COUNTY RD E
SUITE 700
ST PAUL, MN 55112

ACCOUNT # 500944

CC#	SAMPLE-ID	RECEIPT DATE
931481	DP-13-1-4	3/16/99
931484	DP-13-4-8	3/16/99

TOTAL NUMBER OF SAMPLES = 2

501 Madison Avenue ■ Cary N C 27513 ■ Tel 919 379-4100 ■ Fax 919 379-4050

CompuChem
a Division of Liberty Analytical
501 N Madison Avenue
Cary NC 27513

SDG NARRATIVE
CASE 34181
SDG 21701
CONTRACT 500944

SAMPLE IDENTIFICATIONS DP-13-1-4 DP-13-4-8

The two(2) soil samples listed above were received intact properly refrigerated with proper chain of custody(COC) documentation on March 16,1999 The samples were submitted for volatile, semivolatile, and pesticide analysis

VOLATILES

Analysis holding time requirements were met for these samples The target analyte methylene chloride was identified in both samples below the reporting limits, and acetone was present in DP-13-1-4 above the reporting limits

No Tentatively Identified Compound (TIC) data is provided as requested by the client

All of the surrogates met recovery criteria and all of the internal standards met response and retention time criteria in the analyses of these samples

The associated method blank met all quality control criteria and contained methylene chloride below the reporting limits

The associated Laboratory Control Sample(LCS) met all QC acceptance limits

The duplicate matrix spikes generated from DP-13-1-4 met all QC spike recovery and precision requirements with exceptions Four out of 68 spike recoveries were outside of limits, and 2 out of 34 advisory RPD limits were exceeded

The initial calibration analyzed for this case-SDG was analyzed by Method 8260B Per the methodology, all compounds are to meet a Percent Relative Standard Deviation(%RSD) limit of no more than 15% CompuChem has chosen to apply the option in this method of determining the mean RSD values for all analytes in the calibration
When there are analytes with %RSDs greater than the limit, proof of calibration linearity can be shown if the average of all compounds in the initial calibration meet the same 15% limit Based on Method 8260B requirements we are providing a list which shows all compounds that fail to meet the limit(designated by the <- sign) and their associated %RSDs Finally the average of all %RSDs from all compounds in the initial calibration is shown confirming the useability of the initial calibration and any data that follows it

I certify that this data package is in compliance with the terms and conditions of the contract both technically and for completeness for other than the conditions listed above Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee,as verified by the following signature

Roy M Sutton
Development Chemist
March 24 1999

GC and GC/MS Column and Trap Specifications Table

COLUMNS

Brand Name	Coating Material	ID (mm)	Film Thickness (um)	Length (m)
GC Laboratory				
Restek	RTX-1701	0 53	0 5	30
J & W	DB-608	0 53	0 83	30
Restek	CLPesticides	0 53	0 5	30
Restek	CLPesticides II	0 53	0 42	30
GC/MS Volatiles Laboratory				
J & W	DB-624	0 53	3 0	30/75
Supelco	SPB-624	0 53	3 0	75
GC/MS Semivolatiles Laboratory				
J & W	DB-5	0 32	1 0	30
Hewlett Packard	HP5-MS	0 25	0 25	30

TRAP

GC/MS Volatiles Laboratory	
	* 1 cm of methyl silicone packing (OV-1 coating) * 8 cm of 2,6-diphenylene oxide polymer (Tenax) * 8 cm of silica gel * 7 cm of coconut charcoal * 0 5 cm of silanized glass wool at each end

Notification Regarding Manual Editing/Integration Flags

In some instances manual adjustments to the software output are necessary to provide accurate data These adjustments are performed by the data reviewer GC/MS operator or GC chemist An Extracted Ion Current Profile (EICP) or a GC chromatographic peak has been provided for the manual integration of each compound to demonstrate the accuracy of that process Adjustments are flagged on the quantitation report in the far right column beyond the FINAL concentration for GC/MS analysis and in the Flags column for GC analysis The manual editing/integration flags are

M Denotes that a manual integration has been performed for this compound The manual integration was performed in order to provide the most accurate area count as possible for the peak

H Denotes that the data reviewer GC/MS operator or GC Chemist has chosen an alternate peak within the retention time window from that chosen by the software for that compound No manual integration is performed in choosing an alternate peak The software still performs the integration

MH Denotes that an alternate peak has been chosen within the retention time window from that chosen by the software for that compound and also a manual integration of the chosen peak has been performed The manual integration was performed in order to provide the most accurate area count possible for the peak

L Denotes that the data reviewer or GC/MS operator has selected an alternate library search This is typically done when an additional tentatively identified compound (TIC) has been added to the number of peaks searched No manual integration is performed in choosing an alternate peak The software still performs the integration

ML Denotes that an alternate library search has been selected and a manual integration has also been performed This is typically done when an additional TIC has been added and the TIC peak also required a manual integration

With the introduction of the current EPA CLP SOW (Document Number OLM03 0 plus revisions) additional explanations for manual editing/integration are required In the accompanying raw data packages additional codes have been applied to the M flag and carry the following meanings

M1 The compound was not found by the automatic integration routine

M2 The compound was incorrectly integrated by the automatic integration routine

M3 The co-eluting compounds were incorrectly integrated by the automatic integration routine

These codes will appear in the GC/MS and GC data packages

Robert E. Meierer
Vice President

Revision 4 (10/8/97)

DATA REPORTING QUALIFIERS

On the Form I under the column labeled Q for qualifier each result is flagged with the specific data reporting qualifiers listed below as appropriate Up to five qualifiers may be reported on Form I for each compound The qualifiers used are

U This flag indicates the compound was analyzed for but not detected The Contract Required Quantitation Limit (CRQL) (or Reporting Limit) will be adjusted to reflect any dilution and for soils the percent moisture

J This flag indicates an estimated value The flag is used as detailed below

1 When estimating a concentration for tentatively identified compounds (TICs) where a response factor of 1 0 is assumed for the TIC analyte

2 When the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria and the result is less than the CRQL (or Reporting Limit) but greater than zero and

3 When the retention time data indicates the presence of a compound that meets the pesticide/Aroclor or other GC or HPLC identification criteria, and the result is less than the CRQL (or Reporting Limit) but greater than zero For example if the CRQL (or Reporting Limit) is 10 µg/L but a concentration of 3 µg/L is calculated it is reported as 3J

N This flag indicates presumptive evidence of a compound This flag is only used for TICs where the identification is based on a mass spectral library search For generic characterization of a TIC such as chlorinated hydrocarbon the N flag is not used

P In the EPA s Contract Laboratory Program (CLP) this flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns The lower of the two values is reported on Form I and flagged with a P
For SW-846 GC and HPLC analyses when the Relative Percent Difference (RPD) is greater than 40% and there is no evidence of chromatographic anomalies or interferences then the higher of the two values is reported and flagged with a P When the RPD is equal to or less than 40% our policy is to also report the higher of the two values although the choice could be a project specific issue

C This flag applies to GC or HPLC results where the identification has been confirmed by GC/MS If GC/MS confirmation was attempted but was unsuccessful this flag is not applied a laboratory-defined flag is used instead (see the X/Y/Z qualifier)

DATA REPORTING QUALIFIERS (continued)

B This flag is used when the analyte is found in the associated blank as well as in the sample It indicates probable blank contamination and warns the data user to take appropriate action This flag is used for a TIC as well as for a positively identified target compound The combination of flags BU or UB is not an allowable policy Blank contaminants are flagged B only when they are detected in the sample

E This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis If one or more compounds have a response greater than the upper level of the calibration range the sample or extract will be diluted and reanalyzed All such compounds with a response greater than the upper level of the calibration range will have the concentration flagged with an E on Form I for the original analysis

D If a sample or extract is reanalyzed at a higher dilution factor for example when the concentration of an analyte exceeds the upper calibration range the DL suffix is appended to the sample number on Form I for the more diluted sample and all reported concentrations on that Form I are flagged with the D flag This flag alerts data users that any discrepancies between the reported concentrations may be due to dilution of the sample or extract

NOTE 1 The D flag is not applied to compounds which are not detected in the sample analysis i e compounds reported with the CRQL (or Reporting Limit) and the U flag

NOTE 2 Separate Form Is are used for reporting the original analysis (Client Sample No XXXXX) and the more diluted sample analysis (Client Sample No XXXXXDL) i e the results from both analyses are not combined on a single Form I

A This flag indicates that a TIC is a suspected aldol condensation product

S This flag indicates that an analyte was detected by a single column GC analysis but the result was below the Reporting Limit This flag is only used when clients request a second (confirmation) column analysis after detecting an analyte above the Reporting Limit in the initial single column analysis This flag alerts the data user that only an analyte was detected below the Reporting Limit and a second (confirmation) analysis was not performed

X/Y/Z Other specific flags may be required to properly define the results If used the flags will be fully described in the SDG Narrative The laboratory defined flags are limited to X Y and Z

Laboratory Notice

Initial Calibration Date(s) March 22 1999

Instrument Identifier INCOS52

An initial calibration was analyzed by Method 8260B Per the methodology all compounds are to meet a Percent Relative Standard Deviation (%RSD) limit of no more than 15% Additional calibration options are provided in the method when the RSD exceeds 15% CompuChem has chosen to apply the option of determining the mean RSD values for all analytes in the calibration

When there are analytes with %RSDs greater than the limit, proof of calibration linearity can be shown if the average of all compounds in the initial calibration meet the same 15% limit Based on Method 8260B requirements we are providing a list which shows all compounds that fail to meet the limit (designated by the <- sign) and their associated %RSDs Finally the average of all %RSDs from all compounds in the initial calibration is shown confirming the usability of the initial calibration and any data that follows it

Average %RSD for all compounds in this Initial Calibration 11 651

Data Reviewer/ID# _____/2377

Date March 23 1999

Report Date 23-Mar-1999 14 11

CompuChem Environmental Corporation

INITIAL CALIBRATION DATA

Start Cal Date 22-MAR-1999 20 16
End Cal Date 23-MAR-1999 01 34
Quant Method ISTD
Target Version 3 12
Integrator HP RTE
Method file /chem/f50052 1/f990322b b/S8260-B-5GM m
Cal Date 23-Mar-1999 14 11 thornton
Curve Type Average

Calibration File Names
Level 1 /chem/f50052 1/f990322b b/gv990322b52 d
Level 2 /chem/f50052 1/f990322b b/gw990322b52 d
Level 3 /chem/f50052 1/f990322b b/gu990322b52 d
Level 4 /chem/f50052 1/f990322b b/gx990322b52 d
Level 5 /chem/f50052 1/f990322b b/gy990322b52 d

Compound	50 Level 1	100 Level 2	250 Level 3	500 Level 4	1000 Level 5	RRF	% RSD
9 D ch o od fluo omethane							
h o ometh ne	0 37598	0 49 42	0 35438	0 41408	0 37644	0 40346	13 937
1 Vinyl Chloride	0 44451	0 58121	0 43479	0 49278	0 45878	0 48241	12 321
romomethane	0 46694	0 55104	0 43 61	0 48701	0 47107	0 48293	8 673
chloroethane	0 28836	0 35793	0 25459	0 31328	0 27828	0 29849	13 179
3 T ich orofluoromethane							
14 D ethy ether							
15 Acrolein	0 00172	0 00248	0 00221	0 00380	0 00662	0 00337	58 637
1 Di hloroethene	0 40220	0 48804	0 37773	0 43253	0 3342	0 42679	9 690
7 odome hane							
8 1 richloro 2 tr fluo							
a bor disul ide	943	61742	1 24798	5 836	1 72500	1 45364	17 721
1 i oro 2 1 uo							
Aceton	91	8	0 08660	0 10037	0 07822	0 10020	17 972
2 Cr oroprope e							
3 Ace on tr le							
4 Methy e e r or de	8689	0 82925	0 844	0 69623	0 75899	0 76437	11 144
2b ans D chio oe rere	41540	0 4745	0 36998	0 44033	48348	0 43675	10 579
2 Acry on i i e	0 4 07	0 4555	0 03890	0 04330	0 04555	0 04287	6 754
27 Methyl te t buty ether	0 3212	0 87260	0 71593	0 86441	0 94702	0 80642	15 939
28 ert butyl alcoho							
9 exa e							
3 D hloroethane	0 38942	1 080037	0 86382	01089	0 96733	0 98236	8 007
3 V ny eta e							
2 D on ropropa e							
3 s D c ic oetr ne	6 6	3 8	0349	0 47619	0 3721	0 46277	10 97
3 n on		71	0 167	0 0 952	0 02301	0 02635	9 641

11651
7

Report Date 23-Mar-1999 14 11

CompuChem Environmental Corporation

INITIAL CALIBRATION DATA

Start Cal Date 22-MAR-1999 20 16
End Cal Date 23-MAR-1999 01 34
Quant Method ISTD
Target Version 3 12
Integrator HP RTE
Method file /chem/f50052 1/f990322b b/S8260-B-5GM m
Cal Date 23-Mar-1999 14 11 thornton
Curve Type Average

Compo rd	50 Level 1	100 Level 2	250 Level 3	500 Level 4	1000 Level 5	RRF	% RSD
3 Prop on e							
Bromoch oromethane							
7 Methy acrylate							
38 Methacrylonitrile							
39 Tetrahydrofuran							
40 Chloroform	1 04035	1 14446	0 93507	12592	1 10691	1 07054	7 97
41 1 1 Trichloroethane	1 01534	1 11397	0 92391	1 12072	1 465	1 05972	8 3 7
4 hlorobutane							
43 Ca bon Tet achlor de	1 07693	1 14396	0 93954	1 14861	1 10335	1 08248	7 873
i chloropropene							
45 Pentaf uorobenzene							
4 Benzene	1 21544	34162	1 04640	1 6770	22324	1 21888	8 915
47 1 2 Dich oroethane	0 2762	0 65233	0 55197	0 65501	0 60942	0 61927	787
48 sobutyl a cohol							
4 Crotona dehyde							
Trich oroethene	0 64720	0 9177	0 53776	0 66354	0 65308	0 63867	9 230
oropropane	0 49465	0 55229	4632	53582	0 8748	0 50331	328
D bromomethane							
d oxane							
Me hy methacrylate							
5 Bromodichloromethane	0546	16933	0 99196	73372	1 17965	1 12586	8 317
56 2 hloroethyl inyl ethe	02365	0 0 905	0 02097	0 0276	0 03224	0 02471	21 461
7 1 3 D chlorop ope e	0 627 7	0 8832	0 58874	0 72916	0 69680	0 66620	8 509
8 Methy 2 pentanone	0 40569	0 34485	0 30650	0 3523	0 3 798	0 35148	0 078
Tol ene	0 90116	0 99941	0 79070	0 94509	0 87312	0 90190	8 690
t an 1 3 D ch oropropene	0 55 9	34 3	55824	0 69059	0 5969	0 61994	9 728
oroet ane	35 2	0 40 52	3 55	0 0 30	0 40717	0 37852	9 998
2 Ethy me hacrylate							
Tetrachlo oet en	75249	84096	2595	8 0	833 9	0 726	
Di r oropropan							
exanone	0 27678	0 23599	0 22041	0 25636	0 25224	0 24836	8 591
D bromochloromethane	0 80005	0 92056	0 76097	0 3 842	0 90272	0 66654	9 392
7 2 D bromoethane							
o e e e	247	1 235	0 91084	1 53 4	1 18890	0 54	10 195

Report Date 23-Mar-1999 14 11

CompuChem Environmental Corporation

INITIAL CALIBRATION DATA

Start Cal Date 22-MAR-1999 20 16
End Cal Date 23-MAR-1999 01 34
Quant Method ISTD
Target Version 3 12
Integrator HP RTE
Method file /chem/f50052 1/f990322b b/S8260-B-5GM m
Cal Date 23-Mar-1999 14 11 thornton
Curve Type Average

	50	100	250	500	000		
o pound	Level 1	Level 2	Level 3	Level 4	Level 5	RRF	% RSD
Chlorohexane							
70 1 1 Tetrachloroethane							
7 Ethylbenzene	0 52262	0 57746	0 45477	0 56831	0 54772	0 53417	9 200
7 m p Xylene	0 65517	0 72925	0 58907	0 77730	0 80565	0 71129	12 510
73 o Xylene	0 4619	0 69867	0 56638	0 76435	0 76436	0 68799	12 229
7 S yrene	0 97105	1 08587	0 91455	1 20678	1 25481	1 08661	13 470
7 Bromofo m	0 59315	0 68932	0 56584	0 69109	0 66007	0 63989	8 957
I opropyl Ben ene							
7 s 1 4 dichloro 2 butene							
7 Bromoben ene							
3 Tri h oropropane							
8 2 Tetrachloroe hane	0 656 6	0 72582	0 61483	0 73207	0 69634	0 68514	7 201
8 t ans 4 dichloro 2 butene							
82 n P opy Ben ene							
83 ch orotoluene							
84 ch o otoluene							
3 Tr methyl Benzene							
8 D n achloroethane							
87 er B tyl Benzene							
Tr me ry Ben ene							
se bu / Ben ene							
D ch oroben ene							
i orobenzene							
Ben y h o ne							
9 D c loroben ene							
95 n Buty Ben ene							
9 d ethylber ene							
7 bromo 3 Chloropropine							
8 1 Tri hloroben ene							
9 hexachlorobutadiene							
Naphtha e							
10 2 Trichloroben ne							
M 10 1 2 Dich oroethen t t)	0 441 8	0 1 37	0 38674	0 45826	0 46034	0 44976	9 300

Report Date 23-Mar-1999 14 11

CompuChem Environmental Corporation

INITIAL CALIBRATION DATA

Start Cal Date 22-MAR-1999 20 16
End Cal Date 23-MAR-1999 01 34
Quant Method ISTD
Target Version 3 12
Integrator HP RTE
Method file /chem/f50052 1/f990322b b/S8260-B-5GM m
Cal Date 23-Mar-1999 14 11 thornton
Curve Type Average

Compound	50 Level 1	100 Level 2	250 Level 3	500 Level 4	1000 Level 5	RRF	% RSD
M 103 Xylene (total)	0 64619	0 69867	0 56638	0 76435	0 76436	0 68799	12 229
S 4 Dibromofluoromethane	1 30488	1 15072	0 96695	0 8 013	1 00344	1 06322	15 516
S 5 1 2 Dichloroethane d4	0 75954	0 70514	0 60540	0 56212	0 61574	0 64959	12 393
S Toluene d8	1 35384	1 43621	1 33292	1 32920	1 40462	1 37136	3 435
S 7 Bromofluorobenzene	1 9 916	1 79747	2 02327	1 61831	1 74778	1 83120	9 029

CHRYSLER CORPORATION

Bldg 53, Press 16
Soil Characterization

Chain-of-Custody

04026 A

CompuChem 501 Madison Avenue Cary NC 27513 Phone Number 1 800 833 5097 Fax Number (919) 379-4050	Project Name: Dayton Thermal Products Site Location: 1600 Webster St Dayton OH Site Code: SC001 RFA Number: YGAP990027 Chrysler PM: Gary Stonebrook	Consultant: LBG Address: 1210 West County Road E St. Paul MN 55112 Consultant PM: Ken Vogel Phone: 651 490 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)

Compound List Parameter/Method/Bottle Type/Preservative

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	4 oz glass none VOC 8260	2 oz glass none SVOC 8270	2 oz glass none PCB 8082	3 oz glass none DRO						Lab Use Only: Volatiles pH <2	Metals pH < 2	Cyanide pH > 12	Other	Remarks
DP-13 1-4	3/14/99	1630	G	S	2	X	X	X	X										1 ppm on PID
DP 13 4-8'	↓	1645	G	S	2	X	X	X	X										NA

Sampler(s)	Bottles Relinquished under Airbill No			Samples Relinquished under Airbill No 809983901940			Temperature (corrected) 2C
David Strand Mac Plante	Relinquished by: [signature]	Date: 3/5/99	Time: FedEx	Received by:	Date	Time	Custody Seal Intact: Yes N
	Relinquished by	Date	Time	Received by:	Date	Time	Custody Seal Intact: Yes N
RFA ID 206 RFA sampling complete: (Y) N	Relinquished by	Date	Time	Received for Laboratory by: [signature]	Date: 3/16/99	Time: 725	Custody Seal Intact: (Yes) N

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

Samples shipped w/ RFA 99215 samples
See Trip blank and Equipment blank on 04025 C-O-C

CompuChem a division of Liberty Analytical Corp

Date Batched 3/17/99 Full Spikes

Original

Soil Batch Sheet

Linker 8260B Assigned To Date Manual Counter 1356 1756

TAT 10 SOW

	CCN	Client ID	QC Type	Case	SDG	Time	Date Run	Inst #	Operator	H/T	Weight (g)	Comments
1)	931507		SS	34180	21503	0059	03 24 99	52	2331		50	1357/934 RFA 215
2)	931508		SS			0132					50	
3)	931506	DP11 5-4 5				2353	03 23 99			3/28	50	
4)	931509	DP12-5-4 5				0025	03 24 99				50	
5)	931502		SS	34181	21701	2056	3 23 99				50	1357/933 RFA 217
6)	931503		SS			2129					50	
7)	931501	DP 13-1-4				2225				3/28	50	
8)	931504	DP-13 4-8				2253					50	
9)	931305R'	MW 2255 7		34180	2150	2214				3/25	50	RFA215
10)	931306R'	MW 22 516 12				2247					50	
11)	931307	MW-22519-21				2320					50	
12)	931301		SS									
13)	931302		SS									
14)	131415R'	TB-21 15-17		34180	21501	0206	3 24 99	52	2331	3/27	15	
15)	931496R'	DP1 5 4 5				0240				3/28	10	
16)	931498R'	DP3-5-4 5				0314					15	
17)												
18)												
19)												
20)												
21)												
22)	931625R'					1808	3 23 99	52	2331			
23)	931625	VBLKB8	B1			1756	3 23 99	52	2331		50	
24)	931626	VBLKB9	B2			1825					50	
25)	931627	VBLKC1	B3			1115					50	
26)	931628	VLCS86	B4			1855	3 23 99	52	2331		50	
27)	931629	VLCS87	B5								50	

Relinquished By Ref #3 Date 3-23-99 Received By Date 3 23-99

Relinquished By Date 3 23-99 Received By Ref #3 Date 3 23 99

Relinquished By Date Received By Date

Log Page Updated Regent Manufacturer and lot #

CompuChem Receiving Log

Client: Chrysler / L BG
Order #: 34181
Project: RFA 217
Quote #: 91-7247
Account #: 500244

Received on: 3-16-91 # of COCs: 1
Delivered by: Fed Ex
Freight #: 8099837 1240
Subcontract Y / (N)
TAT Verbal _____ Hardcopy: 10 day

PPS / (RFA) # 217 Page 1 of 1
Lab Instructions: TCL VOCs & SVOC, PCBs
DRO 8015 / Pick L.C

	SDG	REQ	SAMPLE ID	CCN	AMOUNT / CONTAINER	PARAMETER	ANALYSIS CODE	LINE ITEM	SAMPLE DATE	MX	pH
1	21701	1	DP-13-1-4	931481	1-402, 1 802	VOC, SVOC, PCB, DRO	1357, 718, 749, 1132, 2216	3, 5, 7, 7, 11	3/14/91	SO	NA
2	↓	2	DP 13-4-8	931484	↓	↓	↓	↓	↓	↓	↓
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											

D Ellmore 3-16-91

Logged In By: Diane Ellmore & Glenn Horne
Order Entered By: Diane Ellmore
Cyanide samples checked for sulfide and chlorine Y / (NA)
Received in good condition (Y) / N
Holding Blank(s) Counter / Page _____ / _____ CCNs _____ / _____
Temperature(s) 2 °C

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-1-4

Project

Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL

Lab Sample ID 931481

Sample wt/vol 5 0 (g/mL) G

Lab File ID GH031481A52 D

Level (low/med) LOW

Date Received 03/16/99

% Moisture not dec 6

Date Analyzed 03/23/99

GC Column DB624 ID 0 53 (mm)

Dilution Factor 1 0

Soil Extract Volume _____(uL)

Soil Aliquot Volume _____(uL)

CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
74-83-9	Bromomethane	11		U
75-01-4	Vinyl Chloride	11		U
75-00-3	Chloroethane	11		U
75-09-2	Methylene Chloride	11	4	JB
75-35-4	1 1-Dichloroethene	11		U
75-34-3	1 1-Dichloroethane	11		U
67-66-3	Chloroform	11		U
107-06-2	1 2-Dichloroethane	11		U
71-55-6	1,1 1-Trichloroethane	11		U
56-23-5	Carbon Tetrachloride	11		U
75-27-4	Bromodichloromethane	11		U
10061-01-5	cis-1,3-Dichloropropene	11		U
79-01-6	Trichloroethene	11		U
124-48-1	Dibromochloromethane	11		U
79-00-5	1,1,2-Trichloroethane	11		U
71-43-2	Benzene	11		U
10061-02-6	trans-1 3-Dichloropropene	11		U
75-25-2	Bromoform	11		U
127-18-4	Tetrachloroethene	11	9	J
79-34-5	1 1,2,2-Tetrachloroethane	11		U
108-88-3	Toluene	11		U
108-90-7	Chlorobenzene	11		U
100-41-4	Ethylbenzene	11		U
100-42-5	Styrene	11		U
78-87-5	1,2-Dichloropropane	11		U
74-87-3	Chloromethane	11		U
75-15-0	Carbon disulfide	11		U
67-64-1	Acetone	11	39	
108-10-1	4-Methyl-2-pentanone	11		U
591-78-6	2-hexanone	11		U
78-93-3	2-butanone	11		U
156-60-5	trans-1,2-Dichloroethene	11		U
156-59-2	cis-1 2-Dichloroethene	11		U

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-1-4

Project

Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL

Lab Sample ID 931481

Sample wt/vol 5 0 (g/mL) G

Lab File ID GH031481A52 D

Level (low/med) LOW

Date Received 03/16/99

% Moisture not dec 6

Date Analyzed 03/23/99

GC Column DB624 ID 0 53 (mm)

Dilution Factor 1 0

Soil Extract Volume _____(uL)

Soil Aliquot Volume _____(uL)

CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
1330-20-7	Xylene (total)	11		U

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-1-4MS

Project

Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL

Lab Sample ID 931482

Sample wt/vol 5 0 (g/mL) G

Lab File ID GH031482A52 D

Level (low/med) LOW

Date Received 03/16/99

% Moisture not dec 6

Date Analyzed 03/23/99

GC Column DB624 ID 0 53 (mm)

Dilution Factor 1 0

Soil Extract Volume _____(uL)

Soil Aliquot Volume _____(uL)

CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
74-83-9	Bromomethane	11	37	
75-01-4	Vinyl Chloride	11	38	
75-00-3	Chloroethane	11	41	
75-09-2	Methylene Chloride	11	38	B
75-35-4	1,1-Dichloroethene	11	35	
75-34-3	1,1-Dichloroethane	11	38	
67-66-3	Chloroform	11	38	
107-06-2	1 2-Dichloroethane	11	40	
71-55-6	1 1 1-Trichloroethane	11	34	
56-23-5	Carbon Tetrachloride	11	32	
75-27-4	Bromodichloromethane	11	36	
10061-01-5	cis-1 3-Dichloropropene	11	36	
79-01-6	Trichloroethene	11	56	
124-48-1	Dibromochloromethane	11	34	
79-00-5	1,1,2-Trichloroethane	11	33	
71-43-2	Benzene	11	36	
10061-02-6	trans-1,3-Dichloropropene	11	36	
75-25-2	Bromoform	11	30	
127-18-4	Tetrachloroethene	11	52	
79-34-5	1,1,2,2-Tetrachloroethane	11	3	J
108-88-3	Toluene	11	33	
108-90-7	Chlorobenzene	11	29	
100-41-4	Ethylbenzene	11	28	
100-42-5	Styrene	11	26	
78-87-5	1,2-Dichloropropane	11	39	
74-87-3	Chloromethane	11	44	
75-15-0	Carbon disulfide	11	35	
67-64-1	Acetone	11	77	
108-10-1	4-Methyl-2-pentanone	11	38	
591-78-6	2-hexanone	11	37	
78-93-3	2-butanone	11	39	
156-60-5	trans-1,2-Dichloroethene	11	35	
156-59-2	cis-1,2-Dichloroethene	11	39	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-1-4MS

Project

Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL

Lab Sample ID 931482

Sample wt/vol 5 0 (g/mL) G

Lab File ID GH031482A52 D

Level (low/med) LOW

Date Received 03/16/99

% Moisture not dec 6

Date Analyzed 03/23/99

GC Column DB624 ID 0 53 (mm)

Dilution Factor 1 0

Soil Extract Volume _____(uL)

Soil Aliquot Volume _____(uL)

CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
1330-20-7	Xylene (total)	11	78	

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-1-4MSD

Project

Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL

Lab Sample ID 931483

Sample wt/vol 5 0 (g/mL) G

Lab File ID GH031483A52 D

Level (low/med) LOW

Date Received 03/16/99

% Moisture not dec 6

Date Analyzed 03/23/99

GC Column DB624 ID 0 53 (mm)

Dilution Factor 1 0

Soil Extract Volume _____(uL)

Soil Aliquot Volume _____(uL)

CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
74-83-9	Bromomethane	11	34	
75-01-4	Vinyl Chloride	11	32	
75-00-3	Chloroethane	11	35	
75-09-2	Methylene Chloride	11	37	B
75-35-4	1 1-Dichloroethene	11	33	
75-34-3	1,1-Dichloroethane	11	38	
67-66-3	Chloroform	11	38	
107-06-2	1,2-Dichloroethane	11	42	
71-55-6	1,1,1-Trichloroethane	11	35	
56-23-5	Carbon Tetrachloride	11	35	
75-27-4	Bromodichloromethane	11	39	
10061-01-5	cis-1,3-Dichloropropene	11	40	
79-01-6	Trichloroethene	11	51	
124-48-1	Dibromochloromethane	11	38	
79-00-5	1,1,2-Trichloroethane	11	36	
71-43-2	Benzene	11	37	
10061-02-6	trans-1,3-Dichloropropene	11	41	
75-25-2	Bromoform	11	36	
127-18-4	Tetrachloroethene	11	50	
79-34-5	1 1 2,2-Tetrachloroethane	11	16	
108-88-3	Toluene	11	33	
108-90-7	Chlorobenzene	11	32	
100-41-4	Ethylbenzene	11	30	
100-42-5	Styrene	11	30	
78-87-5	1 2-Dichloropropane	11	40	
74-87-3	Chloromethane	11	35	
75-15-0	Carbon disulfide	11	33	
67-64-1	Acetone	11	91	
108-10-1	4-Methyl-2-pentanone	11	40	
591-78-6	2-hexanone	11	39	
78-93-3	2-butanone	11	42	
156-60-5	trans-1,2-Dichloroethene	11	33	
156-59-2	cis-1,2-Dichloroethene	11	38	

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-1-4MSD

Project

Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL

Lab Sample ID 931483

Sample wt/vol 5 0 (g/mL) G

Lab File ID GH031483A52 D

Level (low/med) LOW

Date Received 03/16/99

% Moisture not dec 6

Date Analyzed 03/23/99

GC Column DB624 ID 0 53 (mm)

Dilution Factor 1 0

Soil Extract Volume _____(uL)

Soil Aliquot Volume _____(uL)

CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
1330-20-7	Xylene (total)	11	89	

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-4-8

Project

Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL

Lab Sample ID 931484

Sample wt/vol 5 0 (g/mL) G

Lab File ID GH031484A52 D

Level (low/med) LOW

Date Received 03/16/99

% Moisture not dec 4

Date Analyzed 03/23/99

GC Column DB624 ID 0 53 (mm)

Dilution Factor 1 0

Soil Extract Volume _____(uL)

Soil Aliquot Volume _____(uL)

CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
74-83-9	Bromomethane	10		U
75-01-4	Vinyl Chloride	10		U
75-00-3	Chloroethane	10		U
75-09-2	Methylene Chloride	10	4	JB
75-35-4	1,1-Dichloroethene	10		U
75-34-3	1,1-Dichloroethane	10		U
67-66-3	Chloroform	10		U
107-06-2	1 2-Dichloroethane	10		U
71-55-6	1,1,1-Trichloroethane	10		U
56-23-5	Carbon Tetrachloride	10		U
75-27-4	Bromodichloromethane	10		U
10061-01-5	cis-1 3-Dichloropropene	10		U
79-01-6	Trichloroethene	10		U
124-48-1	Dibromochloromethane	10		U
79-00-5	1,1,2-Trichloroethane	10		U
71-43-2	Benzene	10		U
10061-02-6	trans-1,3-Dichloropropene	10		U
75-25-2	Bromoform	10		U
127-18-4	Tetrachloroethene	10		U
79-34-5	1,1,2,2-Tetrachloroethane	10		U
108-88-3	Toluene	10		U
108-90-7	Chlorobenzene	10		U
100-41-4	Ethylbenzene	10		U
100-42-5	Styrene	10		U
78-87-5	1,2-Dichloropropane	10		U
74-87-3	Chloromethane	10		U
75-15-0	Carbon disulfide	10		U
67-64-1	Acetone	10		U
108-10-1	4-Methyl-2-pentanone	10		U
591-78-6	2-hexanone	10		U
78-93-3	2-butanone	10		U
156-60-5	trans-1 2-Dichloroethene	10		U
156-59-2	cis-1 2-Dichloroethene	10		U

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-4-8

Project

Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL

Lab Sample ID 931484

Sample wt/vol 5 0 (g/mL) G

Lab File ID GH031484A52 D

Level (low/med) LOW

Date Received 03/16/99

% Moisture not dec 4

Date Analyzed 03/23/99

GC Column DB624 ID 0 53 (mm)

Dilution Factor 1 0

Soil Extract Volume _____(uL)

Soil Aliquot Volume _____(uL)

CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
1330-20-7	Xylene (total)	10		U

FORM I VOA

4A

VOLATILE METHOD BLANK SUMMARY

SAMPLE NO

VBLKB8

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Lab File ID GR031625A52 D Lab Sample ID VBLKB8

Date Analyzed 03/23/99 Time Analyzed 1808

GC Column DB624 ID 0 53 (mm) Heated Purge (Y/N) Y

Instrument ID F50052

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES MS AND MSD

	SAMPLE NO	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VLCS86	931628	GH031628A52 D	1855
02	DP-13-1-4	931481	GH031481A52 D	1950
03	DP-13-4-8	931484	GH031484A52 D	2023
04	DP-13-1-4MS	931482	GH031482A52 D	2056
05	DP-13-1-4MSD	931483	GH031483A52 D	2129
06				
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08				
09				
10				
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30				

COMMENTS

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

VBLKB8

Project

Date Sampled _____

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL

Lab Sample ID VBLKB8

Sample wt/vol 5 0 (g/mL) G

Lab File ID GR031625A52 D

Level (low/med) LOW

Date Received _____

% Moisture not dec _____

Date Analyzed 03/23/99

GC Column DB624 ID 0 53 (mm)

Dilution Factor 1 0

Soil Extract Volume _____(uL)

Soil Aliquot Volume _____(uL)

CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
74-83-9	Bromomethane	10		U
75-01-4	Vinyl Chloride	10		U
75-00-3	Chloroethane	10		U
75-09-2	Methylene Chloride	10	3	J
75-35-4	1,1-Dichloroethene	10		U
75-34-3	1 1-Dichloroethane	10		U
67-66-3	Chloroform	10		U
107-06-2	1 2-Dichloroethane	10		U
71-55-6	1,1 1-Trichloroethane	10		U
56-23-5	Carbon Tetrachloride	10		U
75-27-4	Bromodichloromethane	10		U
10061-01-5	cis-1,3-Dichloropropene	10		U
79-01-6	Trichloroethene	10		U
124-48-1	Dibromochloromethane	10		U
79-00-5	1 1,2-Trichloroethane	10		U
71-43-2	Benzene	10		U
10061-02-6	trans-1,3-Dichloropropene	10		U
75-25-2	Bromoform	10		U
127-18-4	Tetrachloroethene	10		U
79-34-5	1 1,2 2-Tetrachloroethane	10		U
108-88-3	Toluene	10		U
108-90-7	Chlorobenzene	10		U
100-41-4	Ethylbenzene	10		U
100-42-5	Styrene	10		U
78-87-5	1 2-Dichloropropane	10		U
74-87-3	Chloromethane	10		U
75-15-0	Carbon disulfide	10		U
67-64-1	Acetone	10		U
108-10-1	4-Methyl-2-pentanone	10		U
591-78-6	2-hexanone	10		U
78-93-3	2-butanone	10		U
156-60-5	trans-1,2-Dichloroethene	10		U
156-59-2	cis-1 2-Dichloroethene	10		U

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

VBLKB8

Project

Date Sampled _____

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL

Lab Sample ID VBLKB8

Sample wt/vol 5 0 (g/mL) G

Lab File ID GR031625A52 D

Level (low/med) LOW

Date Received _____

% Moisture not dec _____

Date Analyzed 03/23/99

GC Column DB624 ID 0 53 (mm)

Dilution Factor 1 0

Soil Extract Volume _____(uL)

Soil Aliquot Volume _____(uL)

CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
1330-20-7	Xylene (total)	10		U

FORM I VOA

2B
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Level (low/med) LOW

	SAMPLE NO	SMC1 (DCE) #	SMC2 (DBF) #	SMC3 (TOL) #	OTHER (BFB)	TOT OUT
01	DP-13-1-4	100	86	94	116	0
02	DP-13-1-4MS	96	76	97	120	0
03	DP-13-1-4MSD	104	97	95	117	0
04	DP-13-4-8	100	100	90	108	0
05	VBLKB8	88	92	90	109	0
06	VLCS86	93	92	94	113	0
07						
08						
09						
10						
11						
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17						
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19						
20						
21						
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25						
26						
27						
28						
29						
30						

		QC LIMITS
SMC1 (DCE)	= 1,2-Dichloroethane-d4	(70-139)
SMC2 (DBF)	= Dibromofluoromethane	(71-141)
SMC3 (TOL)	= Toluene-d8	(72-123)
OTHER (BFB)	= Bromofluorobenzene	(65-131)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix Spike - Sample No DP-13-1-4 Level (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS REC #	QC LIMITS REC
Bromomethane	53 19	0 000	36 86	69	50-150
Vinyl Chloride	53 19	0 000	38 48	72	50-150
Chloroethane	53 19	0 000	40 64	76	50-150
Methylene Chloride	53 19	4 20	38 02	64	50-150
1,1-Dichloroethene	53 19	0 000	34 97	66	50-150
1 1-Dichloroethane	53 19	0 000	38 39	72	50-150
Chloroform	53 19	0 000	38 46	72	50-150
1 2-Dichloroethane	53 19	0 000	40 19	76	50-150
1 1 1-Trichloroethane	53 19	0 000	34 05	64	50-150
Carbon Tetrachloride	53 19	0 000	31 97	60	50-150
Bromodichloromethane	53 19	0 000	35 81	67	50-150
cis-1,3-Dichloropropene	53 19	0 000	35 90	67	50-150
Trichloroethene	53 19	0 000	56 41	106	50-150
Dibromochloromethane	53 19	0 000	34 25	64	50-150
1,1 2-Trichloroethane	53 19	0 000	32 72	62	50-150
Benzene	53 19	0 000	36 31	68	50-150
trans-1 3-Dichloroprope	53 19	0 000	36 10	68	50-150
Bromoform	53 19	0 000	29 94	56	50-150
Tetrachloroethene	53 19	9 33	52 06	80	50-150
1,1,2,2-Tetrachloroetha	53 19	0 000	2 86	5*	50-150
Toluene	53 19	0 000	32 56	61	50-150
Chlorobenzene	53 19	0 000	28 88	54	50-150
Ethylbenzene	53 19	0 000	27 99	53	50-150
Styrene	53 19	0 000	26 01	49*	50-150
1,2-Dichloropropane	53 19	0 000	38 52	72	50-150
Chloromethane	53 19	0 000	43 86	82	50-150
Carbon disulfide	53 19	0 000	34 95	66	50-150
Acetone	53 19	39 26	76 89	71	50-150
4-Methyl-2-pentanone	53 19	0 000	37 61	71	50-150
2-hexanone	53 19	0 000	36 65	69	50-150

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix Spike - Sample No DP-13-1-4 Level(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC
2-butanone	53 19	0 000	38 94	73	50-150
trans-1 2-Dichloroethen	53 19	0 000	35 04	66	50-150
cis-1,2-Dichloroethene	53 19	0 000	38 51	72	50-150
Xylene (total)	159 6	0 000	77 89	49*	50-150

3B
SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix Spike - Sample No DP-13-1-4 Level(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD REC #	RPD #	QC LIMITS RPD	QC LIMITS REC
Bromomethane	53 19	34 06	64	8	25	50-150
Vinyl Chloride	53 19	32 50	61	16	25	50-150
Chloroethane	53 19	35 29	66	14	25	50-150
Methylene Chloride	53 19	36 94	62	3	25	50-150
1 1-Dichloroethene	53 19	32 61	61	8	25	50-150
1 1-Dichloroethane	53 19	37 60	71	1	25	50-150
Chloroform	53 19	38 26	72	0	25	50-150
1,2-Dichloroethane	53 19	42 49	80	5	25	50-150
1 1,1-Trichloroethane	53 19	35 35	66	3	25	50-150
Carbon Tetrachloride	53 19	34 98	66	10	25	50-150
Bromodichloromethane	53 19	39 12	74	10	25	50-150
cis-1,3-Dichloropropene	53 19	39 53	74	10	25	50-150
Trichloroethene	53 19	51 13	96	10	25	50-150
Dibromochloromethane	53 19	37 76	71	10	25	50-150
1 1 2-Trichloroethane	53 19	36 34	68	9	25	50-150
Benzene	53 19	37 11	70	3	25	50-150
trans-1,3-Dichloroprope	53 19	40 59	76	11	25	50-150
Bromoform	53 19	35 84	67	18	25	50-150
Tetrachloroethene	53 19	49 75	76	5	25	50-150
1 1,2 2-Tetrachloroetha	53 19	16 40	31*	144*	25	50-150
Toluene	53 19	33 42	63	3	25	50-150
Chlorobenzene	53 19	31 90	60	10	25	50-150
Ethylbenzene	53 19	30 30	57	7	25	50-150
Styrene	53 19	30 23	57	15	25	50-150
1,2-Dichloropropane	53 19	40 10	75	4	25	50-150
Chloromethane	53 19	35 24	66	22	25	50-150
Carbon disulfide	53 19	32 74	62	6	25	50-150
Acetone	53 19	91 11	97	31*	25	50-150
4-Methyl-2-pentanone	53 19	40 20	76	7	25	50-150
2-hexanone	53 19	38 95	73	6	25	50-150

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix Spike - Sample No DP-13-1-4 Level(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC
2-butanone	53 19	42 22	79	8	25	50-150
trans-1 2-Dichloroethen	53 19	33 48	63	5	25	50-150
cis-1 2-Dichloroethene	53 19	37 62	71	1	25	50-150
Xylene (total)	159 6	88 68	56	13	25	50-150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD 2 out of 34 outside limits
Spike Recovery 4 out of 68 outside limits

COMMENTS

3B

SOIL VOLATILE LAB CONTROL SAMPLE RECOVERY

CLIENT SAMPLE NO

VLCS86

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Lab Sample ID 931628 LCS Lot No ME40

Lab File ID GH031628A52 D Date Analyzed 03/23/99

Purge Volume 5 0 (mL) Dilution Factor 1 0

LCS Aliquot 2 5 (uL)

COMPOUND	AMOUNT ADDED (ug/Kg)	AMOUNT RECOVERED (ug/Kg)	%REC #	QC LIMITS
1,1 1-Trichloroethane	50 00	45 39	91	50-150
1 1,2-Trichloroethane	50 00	41 49	83	50-150
1,2-Dichloroethane	50 00	46 13	92	50-150
2-butanone	50 00	55 47	111	50-150
2-hexanone	50 00	58 98	118	50-150
4-Methyl-2-pentanone	50 00	57 70	115	50-150
Acetone	50 00	50 56	101	50-150
Benzene	50 00	45 79	92	50-150
Bromodichloromethane	50 00	45 48	91	50-150
Bromoform	50 00	42 64	85	50-150
Bromomethane	50 00	38 92	78	50-150
Carbon Tetrachloride	50 00	46 30	93	50-150
Carbon disulfide	50 00	44 60	89	50-150
Chloroethane	50 00	40 01	80	50-150
Dibromochloromethane	50 00	43 41	87	50-150
Methylene Chloride	50 00	42 92	86	50-150
Styrene	50 00	41 22	82	50-150
Tetrachloroethene	50 00	40 73	81	50-150
Trichloroethene	50 00	44 95	90	50-150
cis-1 2-Dichloroethene	50 00	44 42	89	50-150
cis-1,3-Dichloropropene	50 00	46 34	93	50-150
trans-1,2-Dichloroethene	50 00	43 15	86	50-150
trans-1,3-Dichloropropene	50 00	46 57	93	50-150
Xylene (total)	150 0	127 6	85	50-150
1,1,2 2-Tetrachloroethane	50 00	42 96	86	50-150
1 1-Dichloroethane	50 00	44 63	89	50-150
1 1-Dichloroethene	50 00	43 09	86	50-150
1,2-Dichloropropane	50 00	46 53	93	50-150
Chlorobenzene	50 00	41 26	82	50-150
Chloroform	50 00	45 28	90	50-150

Column to be used to flag LCS recovery with an asterisk
* Values outside of QC limits

3B

SOIL VOLATILE LAB CONTROL SAMPLE RECOVERY

CLIENT SAMPLE NO

VLCS86

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Lab Sample ID 931628 LCS Lot No ME40

Lab File ID GH031628A52 D Date Analyzed 03/23/99

Purge Volume 0 0 (mL) Dilution Factor 1 0

LCS Aliquot 2 5 (uL)

COMPOUND	AMOUNT ADDED (ug/Kg)	AMOUNT RECOVERED (ug/Kg)	%REC #	QC LIMITS
Chloromethane	50 00	43 94	88	50-150
Ethylbenzene	50 00	44 06	88	50-150
Toluene	50 00	44 17	88	50-150
Vinyl Chloride	50 00	37 93	76	50-150

Column to be used to flag LCS recovery with an asterisk
* Values outside of QC limits

LCS Recovery 0 outside limits out of 34 total

COMMENTS

COMPUCHEM

a division of Liberty Analytical Corp

26/MAR/99

LEGGETTE BRASHEARS & GRAHAM
ATTN
1210 WEST COUNTY RD E
SUITE 700
ST PAUL, MN 55112

ACCOUNT # 500944

CC#	SAMPLE-ID	RECEIPT DATE
931481	DP-13-1-4	3/16/99
931484	DP-13-4-8	3/16/99

TOTAL NUMBER OF SAMPLES = 2

501 Madison Avenue ■ Cary N C 27513 ■ Tel 919 379-4100 ■ Fax 919 379-4050

COMPUCHEM
A division of Liberty Analytical Corporation
501 MADISON AVE
CARY NC 27513
(919) 379-4100

SDG NARRATIVE

CASE #34181
SDG #21701
PROTOCOL SW-846
METHOD 8270A

SAMPLES DP-13-1-4, DP-13-4-8

Attached are pertinent analytical data dealing with the analyses of two (2) soil samples associated with Case #34181 SDG #21701 The samples were received intact on March 16 1999 in properly sealed shipping containers with the corresponding chains-of-custody The samples were logged into the CompuChem Laboratory Management system and scheduled for the analyses of the semivolatile fractions by Method 8270A

SEMIVOLATILE
The semivolatile fractions were extracted and analyzed within the required holding time The percent moisture values for the samples ranged from 4% to 6% One target analyte bis(2-ethylhexyl)phthalate was detected with a concentration above the reporting limit in sample DP-13 1 4

QC SUMMARY
The surrogates met recovery criteria for the semivolatile samples The internal standards met area responses and retention time criteria

The matrix spike (MS) did not meet accuracy criteria for fourteen of the spike compounds and the matrix spike duplicate (MSD) did not meet accuracy criteria for fifteen of the spike compounds Although the recoveries for these spike compounds failed acceptance criteria, they compared well between the MS and MSD yielding acceptable relative percent difference (RPD) values The associated Laboratory Control Sample (LCS) met accuracy criteria for the spike compounds with two exceptions The recoveries of 4-chloroaniline and 4-nitrophenol did not meet acceptance criteria in SLCSFN The associated blanks Initial Calibrations and Continuing Calibrations met Quality Control criteria

Release of the data contained in the hardcopy data package has been authorized by the Laboratory Manager or his designee as verified by the following signature

Patricia B Hopkins

Patricia B Hopkins
Final Technical Reviewer
26 August 1999

DATA REPORTING QUALIFIERS

On the Form 1 under the column labeled Q for qualifier each result is flagged with the specific data reporting qualifiers listed below as appropriate Up to five qualifiers may be reported on Form 1 for each compound The qualifiers used are

U This flag indicates the compound was analyzed for but not detected The Contract Required Quantitation Limit (CRQL) (or Reporting Limit) will be adjusted to reflect any dilution and for soils the percent moisture

J This flag indicates an estimated value The flag is used as detailed below

1 When estimating a concentration for tentatively identified compounds (TICs) where a response factor of 1 0 is assumed for the TIC analyte

2 When the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria and the result is less than the CRQL (or Reporting Limit) but greater than zero

3 When the retention time data indicates the presence of a compound that meets the pesticide/Aroclor or other GC or HPLC identification criteria and the result is less than the CRQL (or Reporting Limit) but greater than zero For example if the CRQL (or Reporting Limit) is 10 ug/L but a concentration of 3 ug/L is calculated it is reported as 3J

N This flag indicates presumptive evidence of a compound This flag is only used for TICs where the identification is based on a mass spectral library search For generic characterization of a TIC such as chlorinated hydrocarbon the N flag is not used

P In the EPA s Contract Laboratory Program (CLP) this flag is used for a pesticide/Aroclor target analyte, when there is greater than 25% difference for detected concentrations between the two GC columns The lower of the two values is reported on Form 1 and flagged with a P
For SW-846 GC and HPLC analyses when the Relative Percent Difference (RPD) is greater than 40% and there is no evidence of chromatographic anomalies or interferences then the higher of the two values is reported and flagged with a P When the RPD is equal to or less than 40% our policy is to also report the higher of the two values although the choice could be a project specific issue

C This flag applies to GC or HPLC results where the identification has been confirmed by GC/MS If GC/MS confirmation was attempted but was unsuccessful this flag is not applied, a laboratory-defined flag is used instead (see the X/Y/Z qualifier)

DATA REPORTING QUALIFIERS (continued)

B This flag is used when the analyte is found in the associated blank as well as in the sample It indicates probable blank contamination and warns the data user to take appropriate action This flag is used for a TIC as well as for a positively identified target compound The combination of flags BU or UB is not an allowable policy Blank contaminants are flagged B only when they are detected in the sample

E This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis If one or more compounds have a response greater than the upper level of the calibration range the sample or extract will be diluted and reanalyzed All such compounds with a response greater than the upper level of the calibration range will have the concentration flagged with an E on Form 1 for the original analysis

D If a sample or extract is reanalyzed at a higher dilution factor, for example when the concentration of an analyte exceeds the upper calibration range the DL suffix is appended to the sample number on Form 1 for the more diluted sample and all reported concentrations on that Form 1 are flagged with the D flag This flag alerts data users that any discrepancies between the reported concentrations may be due to dilution of the sample or extract

NOTE 1 The D flag is not applied to compounds which are not detected in the sample analysis i e compounds reported with the CRQL (or Reporting Limit) and the U flag

NOTE 2 Separate Form 1s are used for reporting the original analysis (Client Sample No XXXXX) and the more diluted sample analysis (Client Sample No XXXXXDL) i e the results from both analyses <u>are not combined</u> on a single Form 1

A This flag indicates that a TIC is a suspected aldol-condensation product

S This flag indicates that an analyte was detected by a single column GC analysis but the result was below the Reporting Limit This flag is only used when clients request a second (confirmation) column analysis after detecting an analyte above the Reporting Limit in the initial single column analysis This flag alerts the data user that only an analyte was detected below the Reporting Limit and a second (confirmation) analysis was not performed

X/Y/Z Other specific flags may be required to properly define the results If used, the flags will be fully described in the SDG Narrative The laboratory defined flags are limited to X,Y and Z

Revision 4 (8 19-98)

CHRYSLER CORPORATION

Bldg 23, Press 16
Soil Characterization

Chain-of-Custody

04026 A

CompuChem 501 Madison Avenue Cary NC 27513 Phone Number 1 800 833 5097 Fax Number (919) 379-4050	Project Name: Dayton Thermal Products Site Location: 1600 Webster St Dayton OH Site Code: SCU01 RFA Number: YGUP99CC217 Chrysler PM: Gary Stoner-K	Consultant: LBG Address: 1210 West County Road E St. Paul MN 55112 Consultant PM: Ken Vogel Phone: 651 490 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)

Compound List Parameter/Method/Bottle Type/Preservative

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	4 oz glass amber VOC 8260	2 oz glass amber SVOC 8270	2 oz glass amber PCB 8080	2 oz glass amber DRO						Lab Use Only: Volatiles pH <2	Metals pH <2	Cyanide pH >12	Other ____	Remarks
DP 13 1-4	3/17/99	1635	G	S	2	X	X	X	X										1 ppm on PID
DP 13 4-8	↓	1645	G	S	2	X	X	X	X										NA

Sampler(s)	Bottles Relinquished under Airbill No			Samples Relinquished under Airbill No 8099839019 40			Temperature (recorded) 2C
Derrick Strand Mark Plante	Relinquished by: [signature]	Date: 3/5/99	Time: Fed Ex	Received by:	Date:	Time:	Custody Seal Intact? Yes N
Cooler 266	Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact Y N
FREX Page 1 of 1	Relinquished by:	Date:	Time:	Received for Laboratory by: Ellen Hone	Date: 3/16/99	Time: 7:25	Custody Seal Intact Yes N

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

Samples shipped w/ RFA 99215 samples
See Trip blank and Equipment blank on 04025 C-O-C

CompuChem Receiving Log

Client: Chrysler / L BG
Order #: 34181
Project: RFA 217
Quote #: 91-7247
Account #: 560244

Received on: 3-16-91 # of COC's: 1
Delivered by: Fed Ex
Freight #: 8097837012 40
Subcontract Y / (N)
TAT Verbal _____ Hardcopy 10 day

PPS / (RFA #) 217 Page 1 of 1
Lab Instructions: TCL VOCs & SVOC, PCBs, DRO 8015 / Pick L.C

	SDG	REQ	SAMPLE ID	CCN	AMOUNT / CONTAINER	PARAMETER	ANALYSIS CODE	LINE ITEM	SAMPLE DATE	MX	pH
1	21761	1	DP-13-1-4	931481	1-4oz, 1 8oz	VOC, SVOC, PCB, DRO	1357, 718, 742, 1132, 246	3, 5, 7, 9, 11	3/14/91	SO	NA
2	↓	2	DP 13-4-8	931484	↓	↓	↓	↓	↓	↓	↓
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D Ellmore 03-16-91

Logged In By: Diane Ellmore & Glenn Hare
Order Entered By: Diane Ellmore
Cyanide samples checked for sulfide and chlorine Y / (NA)
Received in good condition (Y) / N _____
Holding Blank(s) Counter / Page _____ / _____ CCNs _____ / _____
Temperature(s) 2 °C

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-1-4

Project YGQP9900217 Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931481

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031481A68 D

Level (low/med) LOW Date Received 03/16/99

% Moisture 6 decanted (Y/N) N Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
108-95-2	Phenol	350		U
111-44-4	Bis(2-chloroethyl)ether	350		U
95-57-8	2-Chlorophenol	350		U
541-73-1	1,3-Dichlorobenzene	350		U
106-46-7	1,4-Dichlorobenzene	350		U
95-50-1	1,2-Dichlorobenzene	350		U
95-48-7	2-Methylphenol	350		U
108-60-1	bis(2-Chloroisopropyl)ether	350		U
106-44-5	4-Methylphenol	350		U
621-64-7	N-Nitroso-di-N-propylamine	350		U
67-72-1	Hexachloroethane	350		U
98-95-3	Nitrobenzene	350		U
78-59-1	Isophorone	350		U
88-75-5	2-Nitrophenol	350		U
105-67-9	2,4-Dimethylphenol	350		U
111-91-1	Bis(2-chloroethoxy)methane	350		U
120-83-2	2,4-Dichlorophenol	350		U
120-82-1	1,2,4-Trichlorobenzene	350		U
91-20-3	Naphthalene	350		U
106-47-8	4-Chloroaniline	350		U
87-68-3	Hexachlorobutadiene	350		U
59-50-7	4-Chloro-3-methylphenol	350		U
91-57-6	2-Methylnaphthalene	350		U
77-47-4	Hexachlorocyclopentadiene	350		U
88-06-2	2,4,6-Trichlorophenol	350		U
95-95-4	2,4,5-Trichlorophenol	1700		U
91-58-7	2-Chloronaphthalene	350		U
88-74-4	2-Nitroaniline	1700		U
131-11-3	Dimethylphthalate	350		U
606-20-2	2,6-Dinitrotoluene	350		U
208-96-8	Acenaphthylene	350		U
99-09-2	3-Nitroaniline	1700		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-1-4

Project YGQP9900217 Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931481

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031481A68 D

Level (low/med) LOW Date Received 03/16/99

% Moisture 6 decanted (Y/N) N Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
83-32-9	Acenaphthene	350		U
51-28-5	2,4-Dinitrophenol	1700		U
100-02-7	4-Nitrophenol	1700		U
121-14-2	2 4-Dinitrotoluene	350		U
132-64-9	Dibenzofuran	350		U
84-66-2	Diethylphthalate	350		U
7005-72-3	4-Chlorophenyl-phenylether	350		U
86-73-7	Fluorene	350		U
100-01-6	4-Nitroaniline	1700		U
534-52-1	4,6-Dinitro-2-methylphenol	1700		U
86-30-6	N-Nitrosodiphenylamine (1)	350		U
101-55-3	4-Bromophenyl-phenylether	350		U
118-74-1	Hexachlorobenzene	350		U
87-86-5	Pentachlorophenol	1700		U
85-01-8	Phenanthrene	350		U
120-12-7	Anthracene	350		U
86-74-8	Carbazole	350		U
84-74-2	Di-n-butylphthalate	350		U
206-44-0	Fluoranthene	350		U
129-00-0	Pyrene	350		U
85-68-7	Butylbenzylphthalate	350		U
91-94-1	3,3'-Dichlorobenzidine	700		U
117-81-7	bis(2-ethylhexyl)Phthalate	350	670	B
56-55-3	Benzo(a)anthracene	350		U
218-01-9	Chrysene	350		U
117-84-0	Di-n-octylphthalate	350	110	J
205-99-2	Benzo(b)fluoranthene	350		U
207-08-9	Benzo(k)fluoranthene	350		U
50-32-8	Benzo(a)pyrene	350		U
193-39-5	Indeno(1,2,3-c,d)pyrene	350		U
53-70-3	Dibenzo(a,h)anthracene	350		U
191-24-2	Benzo(g,h,i)perylene	350		U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-4-8

Project YGQP9900217 Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931484

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031484A68 D

Level (low/med) LOW Date Received 03/16/99

% Moisture 4 decanted (Y/N) N Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
108-95-2	Phenol	340		U
111-44-4	Bis(2-chloroethyl)ether	340		U
95-57-8	2-Chlorophenol	340		U
541-73-1	1,3-Dichlorobenzene	340		U
106-46-7	1,4-Dichlorobenzene	340		U
95-50-1	1,2-Dichlorobenzene	340		U
95-48-7	2-Methylphenol	340		U
108-60-1	bis(2-Chloroisopropyl)ether	340		U
106-44-5	4-Methylphenol	340		U
621-64-7	N-Nitroso-di-N-propylamine	340		U
67-72-1	Hexachloroethane	340		U
98-95-3	Nitrobenzene	340		U
78-59-1	Isophorone	340		U
88-75-5	2-Nitrophenol	340		U
105-67-9	2,4-Dimethylphenol	340		U
111-91-1	Bis(2-chloroethoxy)methane	340		U
120-83-2	2 4-Dichlorophenol	340		U
120-82-1	1,2,4-Trichlorobenzene	340		U
91-20-3	Naphthalene	340		U
106-47-8	4-Chloroaniline	340		U
87-68-3	Hexachlorobutadiene	340		U
59-50-7	4-Chloro-3-methylphenol	340		U
91-57-6	2-Methylnaphthalene	340		U
77-47-4	Hexachlorocyclopentadiene	340		U
88-06-2	2,4,6-Trichlorophenol	340		U
95-95-4	2,4,5-Trichlorophenol	1700		U
91-58-7	2-Chloronaphthalene	340		U
88-74-4	2-Nitroaniline	1700		U
131-11-3	Dimethylphthalate	340		U
606-20-2	2 6-Dinitrotoluene	340		U
208-96-8	Acenaphthylene	340		U
99-09-2	3-Nitroaniline	1700		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-4-8

Project YGQP9900217 Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931484

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031484A68 D

Level (low/med) LOW Date Received 03/16/99

% Moisture 4 decanted (Y/N) N Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
83-32-9	Acenaphthene	340		U
51-28-5	2,4-Dinitrophenol	1700		U
100-02-7	4-Nitrophenol	1700		U
121-14-2	2,4-Dinitrotoluene	340		U
132-64-9	Dibenzofuran	340		U
84-66-2	Diethylphthalate	340		U
7005-72-3	4-Chlorophenyl-phenylether	340		U
86-73-7	Fluorene	340		U
100-01-6	4-Nitroaniline	1700		U
534-52-1	4 6-Dinitro-2-methylphenol	1700		U
86-30-6	N-Nitrosodiphenylamine (1)	340		U
101-55-3	4-Bromophenyl-phenylether	340		U
118-74-1	Hexachlorobenzene	340		U
87-86-5	Pentachlorophenol	1700		U
85-01-8	Phenanthrene	340		U
120-12-7	Anthracene	340		U
86-74-8	Carbazole	340		U
84-74-2	Di-n-butylphthalate	340		U
206-44-0	Fluoranthene	340		U
129-00-0	Pyrene	340		U
85-68-7	Butylbenzylphthalate	340		U
91-94-1	3,3'-Dichlorobenzidine	690		U
117-81-7	bis(2-ethylhexyl)Phthalate	340		U
56-55-3	Benzo(a)anthracene	340		U
218-01-9	Chrysene	340		U
117-84-0	Di-n-octylphthalate	340		U
205-99-2	Benzo(b)fluoranthene	340		U
207-08-9	Benzo(k)fluoranthene	340		U
50-32-8	Benzo(a)pyrene	340		U
193-39-5	Indeno(1,2,3-c,d)pyrene	340		U
53-70-3	Dibenzo(a h)anthracene	340		U
191-24-2	Benzo(g,h,i)perylene	340		U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-4-8MS

Project YGQP9900217 Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931485

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031485A68 D

Level (low/med) LOW Date Received 03/16/99

% Moisture 4 decanted (Y/N) N Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
108-95-2	Phenol	340	2300	
111-44-4	Bis(2-chloroethyl)ether	340	2400	
95-57-8	2-Chlorophenol	340	2200	
541-73-1	1,3-Dichlorobenzene	340	4600	
106-46-7	1,4-Dichlorobenzene	340	4700	
95-50-1	1,2-Dichlorobenzene	340	4800	
95-48-7	2-Methylphenol	340	3200	
108-60-1	bis(2-Chloroisopropyl)ether	340	2200	
106-44-5	4-Methylphenol	340	5200	
621-64-7	N-Nitroso-di-N-propylamine	340	2400	
67-72-1	Hexachloroethane	340	4500	
98-95-3	Nitrobenzene	340	5100	
78-59-1	Isophorone	340	4600	
88-75-5	2-Nitrophenol	340	2200	
105-67-9	2,4-Dimethylphenol	340	2200	
111-91-1	Bis(2-chloroethoxy)methane	340	3400	
120-83-2	2,4-Dichlorophenol	340	2200	
120-82-1	1,2,4-Trichlorobenzene	340	4900	
91-20-3	Naphthalene	340	2600	
106-47-8	4-Chloroaniline	340	1300	
87-68-3	Hexachlorobutadiene	340	4700	
59-50-7	4-Chloro-3-methylphenol	340	2100	
91-57-6	2-Methylnaphthalene	340	2500	
77-47-4	Hexachlorocyclopentadiene	340	5300	
88-06-2	2,4,6-Trichlorophenol	340	2500	
95-95-4	2 4,5-Trichlorophenol	1700	3000	
91-58-7	2-Chloronaphthalene	340	4900	
88-74-4	2-Nitroaniline	1700	2800	
131-11-3	Dimethylphthalate	340	2500	
606-20-2	2 6-Dinitrotoluene	340	5300	
208-96-8	Acenaphthylene	340	2500	
99-09-2	3-Nitroaniline	1700	2000	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-4-8MS

Project YGQP9900217 Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931485

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031485A68 D

Level (low/med) LOW Date Received 03/16/99

% Moisture 4 decanted (Y/N) N Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
83-32-9	Acenaphthene	340	2500	
51-28-5	2 4-Dinitrophenol	1700	1800	
100-02-7	4-Nitrophenol	1700	9600	
121-14-2	2,4-Dinitrotoluene	340	5000	
132-64-9	Dibenzofuran	340	2700	
84-66-2	Diethylphthalate	340	2500	
7005-72-3	4-Chlorophenyl-phenylether	340	2600	
86-73-7	Fluorene	340	2600	
100-01-6	4-Nitroaniline	1700	2600	
534-52-1	4,6-Dinitro-2-methylphenol	1700	2900	
86-30-6	N-Nitrosodiphenylamine (1)	340	6200	E
101-55-3	4-Bromophenyl-phenylether	340	2700	
118-74-1	Hexachlorobenzene	340	4700	
87-86-5	Pentachlorophenol	1700	2100	
85-01-8	Phenanthrene	340	2800	
120-12-7	Anthracene	340	2800	
86-74-8	Carbazole	340	2300	
84-74-2	Di-n-butylphthalate	340	2500	
206-44-0	Fluoranthene	340	2700	
129-00-0	Pyrene	340	2900	
85-68-7	Butylbenzylphthalate	340	2700	
91-94-1	3,3'-Dichlorobenzidine	690	3800	
117-81-7	bis(2-ethylhexyl)Phthalate	340	2700	B
56-55-3	Benzo(a)anthracene	340	3000	
218-01-9	Chrysene	340	2900	
117-84-0	Di-n-octylphthalate	340	2200	
205-99-2	Benzo(b)fluoranthene	340	2300	
207-08-9	Benzo(k)fluoranthene	340	2600	
50-32-8	Benzo(a)pyrene	340	2500	
193-39-5	Indeno(1,2,3-c,d)pyrene	340	2600	
53-70-3	Dibenzo(a h)anthracene	340	2600	
191-24-2	Benzo(g h,i)perylene	340	2600	

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-4-8MSD

Project YGQP9900217 Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931486

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031486A68 D

Level (low/med) LOW Date Received 03/16/99

% Moisture 4 decanted (Y/N) N Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
108-95-2	Phenol	340	2500	
111-44-4	Bis(2-chloroethyl)ether	340	2600	
95-57-8	2-Chlorophenol	340	2400	
541-73-1	1 3-Dichlorobenzene	340	4900	
106-46-7	1,4-Dichlorobenzene	340	5000	
95-50-1	1,2-Dichlorobenzene	340	5100	
95-48-7	2-Methylphenol	340	3500	
108-60-1	bis(2-Chloroisopropyl)ether	340	2400	
106-44-5	4-Methylphenol	340	5600	E
621-64-7	N-Nitroso-di-N-propylamine	340	2500	
67-72-1	Hexachloroethane	340	5000	
98-95-3	Nitrobenzene	340	5300	
78-59-1	Isophorone	340	4800	
88-75-5	2-Nitrophenol	340	2300	
105-67-9	2,4-Dimethylphenol	340	2400	
111-91-1	Bis(2-chloroethoxy)methane	340	3600	
120-83-2	2,4-Dichlorophenol	340	2400	
120-82-1	1,2,4-Trichlorobenzene	340	5200	
91-20-3	Naphthalene	340	2600	
106-47-8	4-Chloroaniline	340	1600	
87-68-3	Hexachlorobutadiene	340	5100	
59-50-7	4-Chloro-3-methylphenol	340	2300	
91-57-6	2-Methylnaphthalene	340	2600	
77-47-4	Hexachlorocyclopentadiene	340	5700	E
88-06-2	2,4,6-Trichlorophenol	340	2500	
95-95-4	2,4,5-Trichlorophenol	1700	3200	
91-58-7	2-Chloronaphthalene	340	4900	
88-74-4	2-Nitroaniline	1700	3000	
131-11-3	Dimethylphthalate	340	2600	
606-20-2	2,6-Dinitrotoluene	340	5700	E
208-96-8	Acenaphthylene	340	2600	
99-09-2	3-Nitroaniline	1700	2200	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-4-8MSD

Project YGQP9900217 Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931486

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031486A68 D

Level (low/med) LOW Date Received 03/16/99

% Moisture 4 decanted (Y/N) N Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
83-32-9	Acenaphthene	340	2700	
51-28-5	2,4-Dinitrophenol	1700	2100	
100-02-7	4-Nitrophenol	1700	10000	
121-14-2	2,4-Dinitrotoluene	340	5300	
132-64-9	Dibenzofuran	340	2800	
84-66-2	Diethylphthalate	340	2600	
7005-72-3	4-Chlorophenyl-phenylether	340	2800	
86-73-7	Fluorene	340	2700	
100-01-6	4-Nitroaniline	1700	2800	
534-52-1	4,6-Dinitro-2-methylphenol	1700	3300	
86-30-6	N-Nitrosodiphenylamine (1)	340	6500	E
101-55-3	4-Bromophenyl-phenylether	340	3000	
118-74-1	Hexachlorobenzene	340	5100	
87-86-5	Pentachlorophenol	1700	2300	
85-01-8	Phenanthrene	340	2900	
120-12-7	Anthracene	340	2900	
86-74-8	Carbazole	340	2600	
84-74-2	Di-n-butylphthalate	340	2700	
206-44-0	Fluoranthene	340	2800	
129-00-0	Pyrene	340	2900	
85-68-7	Butylbenzylphthalate	340	2800	
91-94-1	3,3'-Dichlorobenzidine	690	4500	
117-81-7	bis(2-ethylhexyl)Phthalate	340	2900	B
56-55-3	Benzo(a)anthracene	340	3000	
218-01-9	Chrysene	340	3000	
117-84-0	Di-n-octylphthalate	340	2500	
205-99-2	Benzo(b)fluoranthene	340	2700	
207-08-9	Benzo(k)fluoranthene	340	2700	
50-32-8	Benzo(a)pyrene	340	2700	
193-39-5	Indeno(1,2,3-c,d)pyrene	340	2700	
53-70-3	Dibenzo(a,h)anthracene	340	2700	
191-24-2	Benzo(g,h i)perylene	340	2600	

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

SBLKFN

Project YGQP9900217 Date Sampled _____

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931515

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031515A68 D

Level (low/med) LOW Date Received _____

% Moisture _____ decanted (Y/N)___ Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
108-95-2	Phenol	330		U
111-44-4	Bis(2-chloroethyl)ether	330		U
95-57-8	2-Chlorophenol	330		U
541-73-1	1,3-Dichlorobenzene	330		U
106-46-7	1,4-Dichlorobenzene	330		U
95-50-1	1,2-Dichlorobenzene	330		U
95-48-7	2-Methylphenol	330		U
108-60-1	bis(2-Chloroisopropyl)ether	330		U
106-44-5	4-Methylphenol	330		U
621-64-7	N-Nitroso-di-N-propylamine	330		U
67-72-1	Hexachloroethane	330		U
98-95-3	Nitrobenzene	330		U
78-59-1	Isophorone	330		U
88-75-5	2-Nitrophenol	330		U
105-67-9	2,4-Dimethylphenol	330		U
111-91-1	Bis(2-chloroethoxy)methane	330		U
120-83-2	2 4-Dichlorophenol	330		U
120-82-1	1,2,4-Trichlorobenzene	330		U
91-20-3	Naphthalene	330		U
106-47-8	4-Chloroaniline	330		U
87-68-3	Hexachlorobutadiene	330		U
59-50-7	4-Chloro-3-methylphenol	330		U
91-57-6	2-Methylnaphthalene	330		U
77-47-4	Hexachlorocyclopentadiene	330		U
88-06-2	2,4,6-Trichlorophenol	330		U
95-95-4	2,4,5-Trichlorophenol	1600		U
91-58-7	2-Chloronaphthalene	330		U
88-74-4	2-Nitroaniline	1600		U
131-11-3	Dimethylphthalate	330		U
606-20-2	2,6-Dinitrotoluene	330		U
208-96-8	Acenaphthylene	330		U
99-09-2	3-Nitroaniline	1600		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

SBLKFN

Project YGQP9900217 Date Sampled _____

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931515

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031515A68 D

Level (low/med) LOW Date Received _____

% Moisture _____ decanted (Y/N)___ Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
83-32-9	Acenaphthene	330		U
51-28-5	2,4-Dinitrophenol	1600		U
100-02-7	4-Nitrophenol	1600		U
121-14-2	2 4-Dinitrotoluene	330		U
132-64-9	Dibenzofuran	330		U
84-66-2	Diethylphthalate	330		U
7005-72-3	4-Chlorophenyl-phenylether	330		U
86-73-7	Fluorene	330		U
100-01-6	4-Nitroaniline	1600		U
534-52-1	4,6-Dinitro-2-methylphenol	1600		U
86-30-6	N-Nitrosodiphenylamine (1)	330		U
101-55-3	4-Bromophenyl-phenylether	330		U
118-74-1	Hexachlorobenzene	330		U
87-86-5	Pentachlorophenol	1600		U
85-01-8	Phenanthrene	330		U
120-12-7	Anthracene	330		U
86-74-8	Carbazole	330		U
84-74-2	Di-n-butylphthalate	330		U
206-44-0	Fluoranthene	330		U
129-00-0	Pyrene	330		U
85-68-7	Butylbenzylphthalate	330		U
91-94-1	3,3'-Dichlorobenzidine	660		U
117-81-7	bis(2-ethylhexyl)Phthalate	330	41	J
56-55-3	Benzo(a)anthracene	330		U
218-01-9	Chrysene	330		U
117-84-0	Di-n-octylphthalate	330		U
205-99-2	Benzo(b)fluoranthene	330		U
207-08-9	Benzo(k)fluoranthene	330		U
50-32-8	Benzo(a)pyrene	330		U
193-39-5	Indeno(1,2,3-c d)pyrene	330		U
53-70-3	Dibenzo(a,h)anthracene	330		U
191-24-2	Benzo(g,h,i)perylene	330		U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

SLCSFN

Project YGQP9900217 Date Sampled _____

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931516

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031516A68 D

Level (low/med) LOW Date Received _____

% Moisture _____ decanted (Y/N)___ Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
108-95-2	Phenol	330	1200	
111-44-4	Bis(2-chloroethyl)ether	330	1400	
95-57-8	2-Chlorophenol	330	1200	
541-73-1	1,3-Dichlorobenzene	330	2600	
106-46-7	1,4-Dichlorobenzene	330	2700	
95-50-1	1,2-Dichlorobenzene	330	2700	
95-48-7	2-Methylphenol	330	1800	
108-60-1	bis(2-Chloroisopropyl)ether	330	1300	
106-44-5	4-Methylphenol	330	2800	
621-64-7	N-Nitroso-di-N-propylamine	330	1300	
67-72-1	Hexachloroethane	330	2700	
98-95-3	Nitrobenzene	330	2900	
78-59-1	Isophorone	330	2700	
88-75-5	2-Nitrophenol	330	1300	
105-67-9	2 4-Dimethylphenol	330	1300	
111-91-1	Bis(2-chloroethoxy)methane	330	2000	
120-83-2	2,4-Dichlorophenol	330	1300	
120-82-1	1,2,4-Trichlorobenzene	330	3000	
91-20-3	Naphthalene	330	1500	
106-47-8	4-Chloroaniline	330	540	
87-68-3	Hexachlorobutadiene	330	2900	
59-50-7	4-Chloro-3-methylphenol	330	1200	
91-57-6	2-Methylnaphthalene	330	1500	
77-47-4	Hexachlorocyclopentadiene	330	3200	
88-06-2	2,4,6-Trichlorophenol	330	1300	
95-95-4	2,4 5-Trichlorophenol	1600	1900	
91-58-7	2-Chloronaphthalene	330	3000	
88-74-4	2-Nitroaniline	1600	1600	
131-11-3	Dimethylphthalate	330	1400	
606-20-2	2,6-Dinitrotoluene	330	3000	
208-96-8	Acenaphthylene	330	1400	
99-09-2	3-Nitroaniline	1600	820	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

SLCSFN

Project YGQP9900217 Date Sampled _____

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931516

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031516A68 D

Level (low/med) LOW Date Received _____

% Moisture _____ decanted (Y/N)___ Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
83-32-9	Acenaphthene	330	1400	
51-28-5	2,4-Dinitrophenol	1600	1500	J
100-02-7	4-Nitrophenol	1600	5300	
121-14-2	2 4-Dinitrotoluene	330	2700	
132-64-9	Dibenzofuran	330	1500	
84-66-2	Diethylphthalate	330	1400	
7005-72-3	4-Chlorophenyl-phenylether	330	1500	
86-73-7	Fluorene	330	1500	
100-01-6	4-Nitroaniline	1600	1400	J
534-52-1	4,6-Dinitro-2-methylphenol	1600	2000	
86-30-6	N-Nitrosodiphenylamine (1)	330	3500	
101-55-3	4-Bromophenyl-phenylether	330	1600	
118-74-1	Hexachlorobenzene	330	2800	
87-86-5	Pentachlorophenol	1600	1700	
85-01-8	Phenanthrene	330	1600	
120-12-7	Anthracene	330	1600	
86-74-8	Carbazole	330	1300	
84-74-2	Di-n-butylphthalate	330	1600	
206-44-0	Fluoranthene	330	1600	
129-00-0	Pyrene	330	1700	
85-68-7	Butylbenzylphthalate	330	1600	
91-94-1	3,3'-Dichlorobenzidine	660	1900	
117-81-7	bis(2-ethylhexyl)Phthalate	330	1600	B
56-55-3	Benzo(a)anthracene	330	1700	
218-01-9	Chrysene	330	1700	
117-84-0	Di-n-octylphthalate	330	1400	
205-99-2	Benzo(b)fluoranthene	330	1500	
207-08-9	Benzo(k)fluoranthene	330	1600	
50-32-8	Benzo(a)pyrene	330	1500	
193-39-5	Indeno(1,2,3-c,d)pyrene	330	1300	
53-70-3	Dibenzo(a,h)anthracene	330	1400	
191-24-2	Benzo(g,h,i)perylene	330	1300	

(1) - Cannot be separated from Diphenylamine

4B

SEMIVOLATILE METHOD BLANK SUMMARY

SAMPLE NO

SBLKFN

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Lab File ID GH031515A68 D Lab Sample ID 931515

Instrument ID 5972HP68 Date Extracted 03/16/99

Matrix (soil/water) SOIL Date Analyzed 03/16/99

Level (low/med) LOW Time Analyzed 1710

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	SAMPLE NO	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SLCSFN	931516	GH031516A68 D	03/16/99
02	DP-13-4-8	931484	GH031484A68 D	03/16/99
03	DP-13-4-8MS	931485	GH031485A68 D	03/16/99
04	DP-13-4-8MSD	931486	GH031486A68 D	03/16/99
05	DP-13-1-4	931481	GH031481A68 D	03/16/99
06				
07				
08				
09				
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COMMENTS

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Level (low/med) LOW

	SAMPLE NO	S1 (2FP) #	S2 (PHL) #	S3 (NBZ) #	S4 (FBP) #	S5 (TBP) #	S6 (TPH) #	S7 #	S8 #	TOT OUT
01	DP-13-1-4	57	65	78	79	35	94			0
02	DP-13-4-8	45	46	52	58	48	59			0
03	DP-13-4-8MS	66	62	78	79	72	89			0
04	DP-13-4-8MSD	74	67	81	83	78	91			0
05	SBLKFN	48	49	52	55	55	59			0
06	SLCSFN	39	36	45	47	43	54			0
07										
08										
09										
10										
11										
12										
13										
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29										
30										

			QC LIMITS
S1	(2FP)	= 2-Fluorophenol	(15-102)
S2	(PHL)	= Phenol-d5	(15-105)
S3	(NBZ)	= Nitrobenzene-d5	(15-103)
S4	(FBP)	= 2-Fluorobiphenyl	(20-100)
S5	(TBP)	= 2,4,6-Tribromophenol	(15-110)
S6	(TPH)	= Terphenyl-d14	(21-111)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

FORM II SV-2

3D
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix Spike - Sample No DP-13-4-8 Level(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC
Phenol	3472	0 000	2252	65	10-137
Bis(2-chloroethyl)ether	3472	0 000	2379	68	28-119
2-Chlorophenol	3472	0 000	2234	64	10-138
1,3-Dichlorobenzene	3472	0 000	4596	132*	32- 99
1,4-Dichlorobenzene	3472	0 000	4659	134*	31-104
1,2-Dichlorobenzene	3472	0 000	4750	137*	30-106
2-Methylphenol	3472	0 000	3229	93	15-141
bis(2-Chloroisopropyl)e	3472	0 000	2235	64	32-110
4-Methylphenol	6944	0 000	5168	74	10-141
N-Nitroso-di-N-prop (1)	3472	0 000	2389	69	32-119
Hexachloroethane	3472	0 000	4549	131*	30-100
Nitrobenzene	3472	0 000	5125	148*	34-118
Isophorone	3472	0 000	4632	133*	35-114
2-Nitrophenol	3472	0 000	2168	62	10-150
2,4-Dimethylphenol	3472	0 000	2214	64	10-145
Bis(2-chloroethoxy)meth	3472	0 000	3374	97	33-118
2,4-Dichlorophenol	3472	0 000	2246	65	10-150
1,2 4-Trichlorobenzene	3472	0 000	4871	140*	33-112
Naphthalene	3472	0 000	2565	74	33-119
4-Chloroaniline	3472	0 000	1328	38	18-122
Hexachlorobutadiene	3472	0 000	4746	137*	34-108
4-Chloro-3-methylphenol	3472	0 000	2105	61	10-148
2-Methylnaphthalene	3472	0 000	2526	73	31-124
Hexachlorocyclopentadie	3472	0 000	5307	153*	10-117
2,4 6-Trichlorophenol	3472	0 000	2482	71	10-150
2,4,5-Trichlorophenol	3472	0 000	2996	86	10-150
2-Chloronaphthalene	3472	0 000	4909	141*	21-137
2-Nitroaniline	3472	0 000	2803	81	34-130
Dimethylphthalate	3472	0 000	2509	72	29-128
2,6-Dinitrotoluene	3472	0 000	5307	153*	35-124

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix Spike - Sample No DP-13-4-8 Level(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC
Acenaphthylene	3472	0 000	2480	71	35-120
3-Nitroaniline	3472	0 000	1988	57	10-132
Acenaphthene	3472	0 000	2535	73	33-122
2 4-Dinitrophenol	3472	0 000	1844	53	10-150
4-Nitrophenol	3472	0 000	9550	275*	10-150
2 4-Dinitrotoluene	3472	0 000	5012	144*	37-123
Dibenzofuran	3472	0 000	2673	77	32-128
Diethylphthalate	3472	0 000	2468	71	34-126
4-Chlorophenyl-phenylet	3472	0 000	2599	75	35-122
Fluorene	3472	0 000	2581	74	33-130
4-Nitroaniline	3472	0 000	2599	75	16-150
4 6-Dinitro-2-methylphe	3472	0 000	2916	84	10-150
N-Nitrosodiphenylamine	6944	0 000	6163	89	23-150
4-Bromophenyl-phenyleth	3472	0 000	2716	78	34-123
Hexachlorobenzene	3472	0 000	4747	137*	32-124
Pentachlorophenol	3472	0 000	2098	60	10-150
Phenanthrene	3472	0 000	2776	80	30-132
Anthracene	3472	0 000	2844	82	31-129
Carbazole	3472	0 000	2325	67	26-144
Di-n-butylphthalate	3472	0 000	2530	73	33-128
Fluoranthene	3472	0 000	2704	78	28-139
Pyrene	3472	0 000	2867	82	33-120
Butylbenzylphthalate	3472	0 000	2720	78	27-130
3,3'-Dichlorobenzidine	3472	0 000	3762	108	20-111
bis(2-ethylhexyl)Phthal	3472	0 000	2699	78	32-126
Benzo(a)anthracene	3472	0 000	3045	88	35-122
Chrysene	3472	0 000	2864	82	35-119
Di-n-octylphthalate	3472	0 000	2196	63	35-128
Benzo(b)fluoranthene	3472	0 000	2306	66	33-134
Benzo(k)fluoranthene	3472	0 000	2596	75	28-128

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix Spike - Sample No DP-13-4-8 Level(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC
Benzo(a)pyrene	3472	0 000	2490	72	34-124
Indeno(1,2 3-c,d)pyrene	3472	0 000	2626	76	34-121
Dibenzo(a h)anthracene	3472	0 000	2585	74	33-121
Benzo(g,h,i)perylene	3472	0 000	2580	74	33-117

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix Spike - Sample No DP-13-4-8 Level(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC
Phenol	3472	2458	71	9	38	10-137
Bis(2-chloroethyl)ether	3472	2575	74	8	47	28-119
2-Chlorophenol	3472	2438	70	9	44	10-138
1,3-Dichlorobenzene	3472	4947	142*	7	42	32- 99
1,4-Dichlorobenzene	3472	4988	144*	7	43	31-104
1 2-Dichlorobenzene	3472	5120	147*	7	39	30-106
2-Methylphenol	3472	3463	100	7	35	15-141
bis(2-Chloroisopropyl)e	3472	2443	70	9	39	32-110
4-Methylphenol	6944	5628	81	9	44	10-141
N-Nitroso-di-N-prop (1)	3472	2527	73	6	39	32-119
Hexachloroethane	3472	4967	143*	9	43	30-100
Nitrobenzene	3472	5260	151*	2	34	34-118
Isophorone	3472	4830	139*	4	32	35-114
2-Nitrophenol	3472	2296	66	6	50	10-150
2 4-Dimethylphenol	3472	2355	68	6	34	10-145
Bis(2-chloroethoxy)meth	3472	3574	103	6	30	33-118
2,4-Dichlorophenol	3472	2395	69	6	50	10-150
1,2,4-Trichlorobenzene	3472	5176	149*	6	34	33-112
Naphthalene	3472	2614	75	1	33	33-119
4-Chloroaniline	3472	1644	47	21	42	18-122
Hexachlorobutadiene	3472	5121	147*	7	33	34-108
4-Chloro-3-methylphenol	3472	2265	65	6	43	10-148
2-Methylnaphthalene	3472	2644	76	4	31	31-124
Hexachlorocyclopentadie	3472	5654	163*	6	50	10-117
2,4,6-Trichlorophenol	3472	2499	72	1	50	10-150
2,4,5-Trichlorophenol	3472	3223	93	8	50	10-150
2-Chloronaphthalene	3472	4922	142*	1	39	21-137
2-Nitroaniline	3472	3038	88	8	36	34-130
Dimethylphthalate	3472	2636	76	5	33	29-128
2,6-Dinitrotoluene	3472	5651	163*	6	34	35-124

3D
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix Spike - Sample No DP-13-4-8 Level(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC
Acenaphthylene	3472	2619	75	5	33	35-120
3-Nitroaniline	3472	2246	65	13	41	10-132
Acenaphthene	3472	2674	77	5	33	33-122
2,4-Dinitrophenol	3472	2136	62	16	50	10-150
4-Nitrophenol	3472	10080	290*	5	50	10-150
2 4-Dinitrotoluene	3472	5273	152*	5	31	37-123
Dibenzofuran	3472	2824	81	5	34	32-128
Diethylphthalate	3472	2613	75	5	36	34-126
4-Chlorophenyl-phenylet	3472	2788	80	6	35	35-122
Fluorene	3472	2659	76	3	31	33-130
4-Nitroaniline	3472	2796	80	6	34	16-150
4,6-Dinitro-2-methylphe	3472	3260	94	11	50	10-150
N-Nitrosodiphenylamine	6944	6504	94	5	34	23-150
4-Bromophenyl-phenyleth	3472	3001	86	10	29	34-123
Hexachlorobenzene	3472	5087	146*	6	32	32-124
Pentachlorophenol	3472	2302	66	10	50	10-150
Phenanthrene	3472	2868	83	4	43	30-132
Anthracene	3472	2949	85	4	31	31-129
Carbazole	3472	2568	74	10	32	26-144
Di-n-butylphthalate	3472	2732	79	8	34	33-128
Fluoranthene	3472	2837	82	5	34	28-139
Pyrene	3472	2912	84	2	34	33-120
Butylbenzylphthalate	3472	2797	80	2	37	27-130
3,3'-Dichlorobenzidine	3472	4467	129*	18	38	20-111
bis(2-ethylhexyl)Phthal	3472	2904	84	7	39	32-126
Benzo(a)anthracene	3472	3038	88	0	35	35-122
Chrysene	3472	2994	86	5	34	35-119
Di-n-octylphthalate	3472	2465	71	12	35	35-128
Benzo(b)fluoranthene	3472	2736	79	18	47	33-134
Benzo(k)fluoranthene	3472	2653	76	1	40	28-128

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix Spike - Sample No DP-13-4-8 Level(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC
Benzo(a)pyrene	3472	2681	77	7	33	34-124
Indeno(1,2,3-c,d)pyrene	3472	2678	77	1	35	34-121
Dibenzo(a,h)anthracene	3472	2657	76	3	37	33-121
Benzo(g,h,i)perylene	3472	2599	75	1	37	33-117

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD 0 out of 64 outside limits
Spike Recovery 29 out of ** outside limits

COMMENTS

Data File /chem/5972hp68 1/DF990316A68_8270A b/GH031516A68 d
Report Date 17-Mar-1999 15 05

CompuChem Environmental Corp

RECOVERY REPORT

Client Name
Sample Matrix SOLID
Lab Smp Id 931516
Level LOW
Data Type MS DATA
SpikeList File TCL99Soil spk
Method File /chem/5972hp68 1/DF990316A68_8270A b/8270A m
Misc Info YGQP9900217

Client SDG 21701-34181
Fraction SV
Client Smp ID SLCSFN
Operator 2319
SampleType METHSPIKE
Quant Type ISTD

SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
15 Phenol	3333	1217	36 51	10-137
16 Bis(2-chloroethyl)	3333	1364	40 92	28-119
17 2-Chlorophenol	3333	1237	37 10	10-138
18 1,3-Dichlorobenzen	3333	2617	78 50	32-99
19 1 4-Dichlorobenzen	3333	2707	81 21	31-104
20 1,2-Dichlorobenzen	3333	2742	82 27	30-106
21 2-Methylphenol	3333	1769	53 08	15-141
22 bis(2-Chloroisopro	3333	1336	40 08	32-110
24 4-Methylphenol	6667	2847	42 71	10-141
25 N-Nitroso-di-N-pro	3333	1312	39 35	32-119
26 Hexachloroethane	3333	2726	81 79	30-100
27 Nitrobenzene	3333	2918	87 53	34-118
28 Isophorone	3333	2747	82 42	35-114
29 2-Nitrophenol	3333	1258	37 76	10-150
30 2 4-Dimethylphenol	3333	1266	37 98	10-145
31 Bis(2-chloroethoxy	3333	1978	59 36	33-118
32 2 4-Dichlorophenol	3333	1268	38 05	10-150
33 1 2,4-Trichloroben	3333	2959	88 78	33-112
34 Naphthalene	3333	1474	44 24	33-119
35 4-Chloroaniline	3333	538 9	16 17*	18-122
36 Hexachlorobutadien	3333	2948	88 45	34-108
37 4-Chloro-3-methylp	3333	1185	35 56	10-148
38 2-Methylnaphthalen	3333	1458	43 74	31-124
40 Hexachlorocyclopen	3333	3240	97 21	10-117
41 2,4 6-Trichlorophe	3333	1347	40 42	10-150
42 2,4 5-Trichlorophe	3333	1905	57 15	10-150
43 2-Chloronaphthalen	3333	3039	91 17	21-137
44 2-Nitroaniline	3333	1552	46 58	34-130
45 Dimethylphthalate	3333	1441	43 23	29-128
46 2 6-Dinitrotoluene	3333	2955	88 64	35-124
47 Acenaphthylene	3333	1435	43 06	35-120
48 3-Nitroaniline	3333	818 2	24 55	10-132
49 Acenaphthene	3333	1446	43 37	33-122
50 2,4-Dinitrophenol	3333	1539	46 18	10-150
51 4-Nitrophenol	3333	5307	159 22*	10-150
52 2 4-Dinitrotoluene	3333	2724	81 74	37-123

Data File /chem/5972hp68 i/DF990316A68_8270A b/GH031516A68 d
Report Date 17-Mar-1999 15 05

SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
53 Dibenzofuran	3333	1516	45 47	32-128
54 Diethylphthalate	3333	1415	42 46	34-126
55 4-Chlorophenyl-phe	3333	1516	45 49	35-122
56 Fluorene	3333	1478	44 35	33-130
57 4-Nitroaniline	3333	1354	40 61	16-150
58 4,6-Dinitro-2-meth	3333	1966	58 98	10-150
59 N-Nitrosodiphenyla	6667	3519	52 78	23-150
61 4-Bromophenyl-phen	3333	1621	48 63	34-123
62 Hexachlorobenzene	3333	2791	83 72	32-124
63 Pentachlorophenol	3333	1712	51 38	10-150
64 Phenanthrene	3333	1578	47 34	30-132
65 Anthracene	3333	1621	48 62	31-129
66 Carbazole	3333	1268	38 03	26-144
67 Di-n-butylphthalat	3333	1602	48 06	33-128
68 Fluoranthene	3333	1618	48 55	28-139
70 Pyrene	3333	1658	49 75	33-120
71 Butylbenzylphthala	3333	1646	49 39	27-130
72 3,3'-Dichlorobenzi	3333	1903	57 08	20-111
73 bis(2-ethylhexyl)P	3333	1639	49 18	32-126
74 Benzo(a)anthracene	3333	1690	50 69	35-122
75 Chrysene	3333	1691	50 72	35-119
76 Di-n-octylphthalat	3333	1444	43 33	35-128
77 Benzo(b)fluoranthe	3333	1501	45 03	33-134
78 Benzo(k)fluoranthe	3333	1565	46 94	28-128
79 Benzo(a)pyrene	3333	1462	43 87	34-124
80 Indeno(1,2,3-c,d)p	3333	1339	40 17	34-121
81 Dibenzo(a,h)anthra	3333	1397	41 91	33-121
82 Benzo(g,h i)peryle	3333	1342	40 25	33-117

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 7 2-Fluorophenol	3333	1294	38 83	15-102
$ 8 Phenol-d5	3333	1216	36 49	15-105
$ 9 Nitrobenzene-d5	1667	748 6	44 91	15-103
$ 10 2-Fluorobiphenyl	1667	776 7	46 60	20-100
$ 11 2,4 6-Tribromophen	3333	1441	43 22	15-110
$ 12 Terphenyl-d14	1667	900 8	54 05	21-111

COMPUCHEM

a division of Liberty Analytical Corp

ENTERED IN D. TABLE
BY/DATE DVS 3/23/99
CHECKED BY MLN
DATE 3-30-99

3/99 RFA 217
Dayton
Bldg 53 Press 16
PCB's

26/MAR/99

LEGGETTE BRASHEARS & GRAHAM
ATTN
1210 WEST COUNTY RD E
SUITE 700
ST PAUL, MN 55112

Subject Report of Data - Account Number# 500944 Order# 34181

ATTN

Enclosed are the results of analytical work performed in accordance with the referenced account number

This report covers 2 sample(s) appearing on the attached listing

Thank you for selecting CompuChem Environmental for your sample analysis If you should have questions or require additional analytical services please contact your representative at 1-800-833-5097

Sincerely,

Diane Ellmore

CompuChem Environmental
a division of Liberty Analytical

Attachment

501 Madison Avenue ■ Cary N C 27513 ■ Tel 919 379 4100 ■ Fax 919 379-4050

COMPUCHEM

a division of Liberty Analytical Corp

26/MAR/99

LEGGETTE BRASHEARS & GRAHAM
ATTN
1210 WEST COUNTY RD E
SUITE 700
ST PAUL, MN 55112

ACCOUNT # 500944

CC#	SAMPLE-ID	RECEIPT DATE
931481	DP-13-1-4	3/16/99
931484	DP-13-4-8	3/16/99

TOTAL NUMBER OF SAMPLES = 2

501 Madison Avenue ■ Cary N C 27513 ■ Tel 919 379-4100 ■ Fax 919 379-4050

CompuChem
a division of Liberty Analytical Corp
501 Madison Avenue
Cary, North Carolina 27513

SDG NARRATIVE

CASE 34181
SDG 21701

SAMPLE IDENTIFICATIONS DP-13 1-4, DP 13-4-8

The two (2) soil samples listed above were received intact, properly refrigerated with proper chain of custody (COC) documentation on March 16 1999 The samples were prepared and analyzed following SW846 Method 8082 protocol for the PCB fractions

PCBs

Extraction and analysis holding time requirements were met for all of these samples No PCB target analytes were confirmed by dual column analysis at a concentration above the reporting limit in any of these samples

All of the surrogates met recovery criteria with the exception of the matrix spike duplicate All of the surrogates met retention time criteria in the analyses of these samples

The associated method blank met all quality control criteria No PCBs were confirmed in the method blank

DP 13-4-8 was used as the original to prepare the duplicate matrix spikes as requested The associated matrix spike met advisory accuracy criteria The surrogate and spike solution appear to have been spiked twice into the matrix spike duplicate Therefore the matrix spike duplicate failed accuracy criteria and the Relative Percent Difference (RPD) of Aroclor 1254 was flagged as an outlier in the comparison of the duplicate matrix spikes The associated Laboratory Control Sample (LCS) met all quality control criteria

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness for other than conditions listed above Release of the data contained in the hardcopy data package and in the computer readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee as verified by the signature below

Stephanie W Winfield 3 22-99
Stephanie W Winfield
Technical Reviewer
March 22 1999

CHRYSLER CORPORATION

Bldg 53, Press 16 Soil Characterization

Chain-of-Custody

04026 A

CompuChem 501 Madison Avenue Cary NC 27513 Phone Number 1 800 833 5097 Fax Number (919) 379-4050	Project Name: Dayton Thermal Products Site Location: 1600 Webster St Dayton OH Site Code: SCU01 RFA Number: YGUP990c217 Chrysler PM: Guy Stone-K	Consultant: IBG Address: 1210 West County Road E St. Paul MN 55112 Consultant PM: Ken Vogel Phone: 651 490 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)

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	4 oz glass none VOC 8260	2 oz glass none SVOC 8270	2 oz glass none PCB 8080	3 oz glass none DRO						Volatiles pH <2	Metals pH <2	Cyanide pH >12	Other	Remarks
DP-13 1-4	3/14/99	1635	G	S	2	X	X	X	X										1 ppm on PID
DP 13 4-8'	↓	1645	G	S	2	X	X	X	X										NA

Sampler(s)	Bottles Relinquished under Airbill No			Samples Relinquished under Airbill No 8099839019 40			Temperature (corrected) 2 C
David Strand Mr. Plate	Relinquished by: [signature]	Date: 3/5/99	Time: Fed Ex	Received by:	Date:	Time:	Custody Seal Intact? Yes N
COID 266	Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact? Yes N
RFA Sample? Y N	Relinquished by:	Date:	Time:	Received for Laboratory by: Glenn Hone	Date: 3/16/99	Time: 725	Custody Seal Intact? Yes N

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

Samples shipped w/ RFA 99215 samples

See Trip blank and Equipment blank on 04025 C-O-C

CompuChem Receiving Log

Client: Chrysler / L BG
Order #: 34131
Project: RFA 217
Quote #: 99-7247
Account #: 500244

Received on: 3-16 99 # of COCs: 1
Delivered by: Fed Ex
Freight #: 8099837012 40
Subcontract Y / (N)
TAT Verbal _____ Hardcopy: 10day

PPS (RFA) #: 217 Page 1 of 1
Lab Instructions: TCL VOCs & SVOC, PCB, DRO 8015 / Pick L.C

	SDG	REQ	SAMPLE ID	CCN	AMOUNT / CONTAINER	PARAMETER	ANALYSIS CODE	LINE ITEM	SAMPLE DATE	MX	pH
1	217W1	1	DP-13-1-4	931481	1-4oz, 1 8oz	VOC, SVOC, PCB, DRO	1357, 718, 749, 1132, 2346	3, 5, 7, 7, 11	3/14/99	SL	NA
2	↓	2	DP 13-4-8	931484	↓	↓	↓	↓	↓	↓	↓
3											
4											
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19											
20											

D Ellmore 3 16 99

Logged In By: Diane Ellmore & Glenn Hume
Order Entered By: Diane Ellmore
Cyanide samples checked for sulfide and chlorine Y / (NA)
Received in good condition (Y) / N _____
Holding Blank(s) Counter / Page _____ / _____ CCNs _____ / _____
Temperature(s) 2 °C

DATA REPORTING QUALIFIERS

On the Form I under the column labeled Q for qualifier each result is flagged with the specific data reporting qualifiers listed below as appropriate Up to five qualifiers may be reported on Form I for each compound The qualifiers used are

U This flag indicates the compound was analyzed for but not detected The Contract Required Quantitation Limit (CRQL) (or Reporting Limit) will be adjusted to reflect any dilution and for soils the percent moisture

J This flag indicates an estimated value The flag is used as detailed below

1 When estimating a concentration for tentatively identified compounds (TICs) where a response factor of 1 0 is assumed for the TIC analyte

2 When the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC MS identification criteria and the result is less than the CRQL (or Reporting Limit) but greater than zero and

When the retention time data indicates the presence of a compound that meets the pesticide Aroclor or other GC or HPLC identification criteria and the result is less than the CRQL (or Reporting Limit) but greater than zero For example if the CRQL (or Reporting Limit) is 10 µg/L but a concentration of 5 µg L is calculated it is reported as 5J

N This flag indicates presumptive evidence of a compound This flag is only used for TICs where the identification is based on a mass spectral library search For generic characterization of a TIC such as chlorinated hydrocarbon the N flag is not used

P In the EPA s Contract Laboratory Program (CLP) this flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns The lower of the two values is reported on Form I and flagged with a P
For SW 846 GC and HPLC analyses when the Relative Percent Difference (RPD) is greater than 40% and there is no evidence of chromatographic anomalies or interferences then the higher of the two values is reported and flagged with a P When the RPD is equal to or less than 40% our policy is to also report the higher of the two values although the choice could be a project specific issue

C **This flag applies to GC or HPLC results where the identification has been confirmed by GC/MS If GC/MS confirmation was attempted but was unsuccessful this flag is not applied, a laboratory-defined flag is used instead (see the X/Y/Z qualifier)**

DATA REPORTING QUALIFIERS

B This flag is used when the analyte is found in the associated blank as well as in the sample It indicates probable blank contamination and warns the data user to take appropriate action This flag is used for a TIC as well as for a positively identified target compound The combination of flags BU or UB is not an allowable policy Blank contaminants are flagged B only when they are detected in the sample

E This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis If one or more compounds have a response greater than the upper level of the calibration range the sample or extract will be diluted and reanalyzed All such compounds with a response greater than the upper level of the calibration range will have the concentration flagged with an E on Form I for the original analysis

D If a sample or extract is reanalyzed at a higher dilution factor for example when the concentration of an analyte exceeds the upper calibration range the DL suffix is appended to the sample number on Form I for the more diluted sample and **all** reported concentrations on that Form I are flagged with the D flag This flag alerts data users that any discrepancies between the reported concentrations may be due to dilution of the sample or extract

NOTE 1 The D flag is not applied to compounds which are not detected in the sample analysis i e compounds reported with the CRQL (or Reporting Limit) and the U flag

NOTE 2 Separate Form Is are used for reporting the original analysis (Client Sample No XXXXX) and the more diluted sample analysis (Client Sample No XXXXXDL) i e the results from both analyses <u>are not combined</u> on a single Form I

A This flag indicates that a TIC is a suspected aldol condensation product

S This flag indicates that an analyte was detected by a single column GC analysis but the result was below the Reporting Limit This flag is only used when clients request a second (confirmation) column analysis after detecting an analyte above the Reporting Limit in the initial single column analysis This flag alerts the data user that only an analyte was detected below the Reporting Limit and a second (confirmation) analysis was not performed

X/Y/Z Other specific flags may be required to properly define the results If used the flags will be fully described in the SDG Narrative The laboratory defined flags are limited to X Y and Z

FORM 1
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

DP-13-1-4

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931481

Sample wt/vol 30 0 (g/mL) G Lab File ID _____

% Moisture 6 decanted (Y/N) N Date Received 03/16/99

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/16/99

Concentrated Extract Volume 5000(uL) Date Analyzed 03/17/99

Injection Volume 2 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/KG	Q
12674-11-2------	Aroclor-1016	34	U
11104-28-2------	Aroclor-1221	45	U
11141-16-5------	Aroclor-1232	34	U
53469-21-9------	Aroclor-1242	24	U
12672-29-6------	Aroclor-1248	24	U
11097-69-1------	Aroclor-1254	24	U
11096-82-5------	Aroclor-1260	34	U

FORM 1
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

DP-13-4-8

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931484

Sample wt/vol 30 0 (g/mL) G Lab File ID _____

% Moisture 4 decanted (Y/N) N Date Received 03/16/99

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/16/99

Concentrated Extract Volume 5000(uL) Date Analyzed 03/17/99

Injection Volume 2 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	34	U
11104-28-2	Aroclor-1221	44	U
11141-16-5	Aroclor-1232	34	U
53469-21-9	Aroclor-1242	23	U
12672-29-6	Aroclor-1248	23	U
11097-69-1	Aroclor-1254	23	U
11096-82-5	Aroclor-1260	34	U

FORM 1
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

PBLKFP

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931519

Sample wt/vol 30 0 (g/mL) G Lab File ID _____

% Moisture 0 decanted (Y/N) N Date Received _____

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/16/99

Concentrated Extract Volume 5000(uL) Date Analyzed 03/17/99

Injection Volume 2 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/KG	Q
12674-11-2------	Aroclor-1016	32	U
11104-28-2------	Aroclor-1221	42	U
11141-16-5------	Aroclor-1232	32	U
53469-21-9------	Aroclor-1242	22	U
12672-29-6------	Aroclor-1248	22	U
11097-69-1------	Aroclor-1254	22	U
11096-82-5------	Aroclor-1260	32	U

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO

PBLKFP

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Lab Sample ID 931519 Lab File ID _____

Matrix (soil/water) SOIL Extraction (SepF/Cont/Sonc) SONC

Sulfur Cleanup (Y/N) N Date Extracted 03/16/99

Date Analyzed (1) 03/17/99 Date Analyzed (2) 03/17/99

Time Analyzed (1) 2052 Time Analyzed (2) 2052

Instrument ID (1) VARIAN72 Instrument ID (2) VARIAN70

GC Column (1) DB-608 ID 0 53(mm) GC Column (2) RTX-1701 ID 0 53(m

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD

	EPA SAMPLE NO	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PLCSFP	931520	03/17/99	03/17/99
02	DP-13-1-4	931481	03/17/99	03/17/99
03	DP-13-4-8	931484	03/17/99	03/17/99
04	DP-13-4-8MS	931488	03/17/99	03/17/99
05	DP-13-4-8MSD	931489	03/17/99	03/17/99
06				
07				
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26				

COMMENTS _____

FORM IV PEST

FORM 2
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

GC Column(1) DB-608 ID 0 53 (mm) GC Column(2) RTX-1701 ID 0 53 (m

	CLIENT SAMPLE NO	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	PBLKFP	99	94	84	93			0
02	PLCSFP	102	105	89	93			0
03	DP-13-1-4	83	82	67	71			0
04	DP-13-4-8	102	96	76	82			0
05	DP-13-4-8MS	95	97	72	79			0
06	DP-13-4-8MSD	196*	196*	157*	168*			4
07								
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11								
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ADVISORY
QC LIMITS

S1 (TCX) = Tetrachloro-m-xylene (30-150)
S2 (DCB) = Decachlorobiphenyl (30-150)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

FORM 3
SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix Spike - Sample No DP-13-4-8

COMPOUND	SPIKE ADDED (ug/Kg	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC
Aroclor-1254	350	0 0	320	91	50-150

COMPOUND	SPIKE ADDED (ug/Kg	MSD CONCENTRATION (ug/Kg)	MSD % REC #	RPD #	QC LIMITS RPD	QC LIMITS REC
Aroclor-1254	350	660	188*	70*	20	50-150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD 1 out of 1 outside limits
Spike Recovery 1 out of 2 outside limits

COMMENTS _____

FORM 3
SOIL PESTICIDE LAB CONTROL SAMPLE

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

COMPOUND	SPIKE ADDED (ug/Kg	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC LIMITS REC
Aroclor-1254	330	300	91	50-150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery 0 out of 1 outside limits

COMMENTS

COMPUCHEM

a division of Liberty Analytical Corp

DVS 3/23/99
3-30-99

3/99 RFA 217
Dayton
Bldg 53 Press 16
PCBS

26/MAR/99

LEGGETTE BRASHEARS & GRAHAM
ATTN
1210 WEST COUNTY RD E
SUITE 700
ST PAUL, MN 55112

Subject Report of Data - Account Number# 500944 Order# 34181

ATTN

Enclosed are the results of analytical work performed in accordance with the referenced account number

This report covers 2 sample(s) appearing on the attached listing

Thank you for selecting CompuChem Environmental for your sample analysis If you should have questions or require additional analytical services please contact your representative at 1-800-833-5097

Sincerely,

CompuChem Environmental
a division of Liberty Analytical

Attachment

501 Madison Avenue ■ Cary N C 27513 ■ Tel 919 379-4100 ■ Fax 919 379-4050

COMPUCHEM

a division of Liberty Analytical Corp

26/MAR/99

LEGGETTE BRASHEARS & GRAHAM
ATTN
1210 WEST COUNTY RD E
SUITE 700
ST PAUL, MN 55112

ACCOUNT # 500944

CC#	SAMPLE-ID	RECEIPT DATE
931481	DP-13-1-4	3/16/99
931484	DP-13-4-8	3/16/99

TOTAL NUMBER OF SAMPLES = 2

501 Madison Avenue ■ Cary N C 27513 ■ Tel 919 379-4100 ■ Fax 919 379-4050

CompuChem
a division of Liberty Analytical Corp
501 Madison Avenue
Cary, North Carolina 27513

SDG NARRATIVE

CASE 34181
SDG 21701

SAMPLE IDENTIFICATIONS DP 13 1-4, DP 13-4-8

The two (2) soil samples listed above were received intact properly refrigerated with proper chain of custody (COC) documentation on March 16 1999 The samples were prepared and analyzed following SW846 Method 8082 protocol for the PCB fractions

PCBs

Extraction and analysis holding time requirements were met for all of these samples No PCB target analytes were confirmed by dual column analysis at a concentration above the reporting limit in any of these samples

All of the surrogates met recovery criteria with the exception of the matrix spike duplicate All of the surrogates met retention time criteria in the analyses of these samples

The associated method blank met all quality control criteria No PCBs were confirmed in the method blank

DP 13-4-8 was used as the original to prepare the duplicate matrix spikes as requested The associated matrix spike met advisory accuracy criteria The surrogate and spike solution appear to have been spiked twice into the matrix spike duplicate Therefore the matrix spike duplicate failed accuracy criteria and the Relative Percent Difference (RPD) of Aroclor 1254 was flagged as an outlier in the comparison of the duplicate matrix spikes The associated Laboratory Control Sample (LCS) met all quality control criteria

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness for other than conditions listed above Release of the data contained in the hardcopy data package and in the computer readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee as verified by the signature below

Stephanie W Winfield 3 22-99
Stephanie W Winfield
Technical Reviewer
March 22 1999

CHRYSLER CORPORATION

Bldg 23, Press 16 Soil Characterization

Chain-of-Custody

04026 A

CompuChem 501 Madison Avenue Cary NC 27513 Phone Number 1 800 833 5097 Fax Number (919) 379-4050	Project Name: Dayton Thermal Products Site Location: 1600 Webster St Dayton OH Site Code: SC001 RFA Number: YGQP990217 Chrysler PM: Gary Stamper-K	Consultant: LBG Address: 1210 West County Road E St Paul MN 55112 Consultant PM: Ken Vogel Phone: 651 490 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)

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	4 oz glass none VOC 8260	2 oz glass none SVOC 8270	2 oz glass none PCB 8082	3 oz glass none DRO	Volatiles pH <2	Metals pH <2	Cyanide pH >12	Other	Remarks
DC-13 1-4	3/17/99	1630	G	S	2	X	X	X	X					1 ppm on PID
DC 13 4-8	↓	1645	G	S	2	X	X	X	X					NA

Sampler(s): David Strand; Mike Monte

LID 266

TRFA Flag pH (1)

Bottles Relinquished by Airbill N	Date	Time	Samples Relinquished Airbill N 8099839019 4	Date	Time	Temperature (rec'd) 2C
Relinquished by: [signature]	3/5/99	Fed Ex	Received by:	Date:	Time	Custody Seal Intact Y N
Relinquished by	Date	Time	Received by	Date	Time	Custody Seal Intact Y N
Relinquished by	Date	Time	Received for Laboratory by: [signature]	Date: 3/16/99	Time 725	Custody Seal Intact (Yes) N

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

Samples shipped w/ RFA 99215 samples

See Trip blank and Equipment blank on 04025 C-O-C

CompuChem Receiving Log

Client: Chrysler / L BG
Order #: 34181
Project: RFA 217
Quote #: 91-7247
Account #: 560744

Received on: 3-16-91 # of COC s: 1
Delivered by: Fed Ex
Freight #: 8099837012 40
Subcontract Y / (N)
TAT Verbal _____ Hardcopy: 10 day

PPS (RFA) #: 217 Page 1 of 1
Lab Instructions: TCL VOCs & SVOC, PCBs, DRO 8015 / Pick L.C

	SDG	REQ	SAMPLE ID	CCN	AMOUNT / CONTAINER	PARAMETER	ANALYSIS CODE	LINE ITEM	SAMPLE DATE	MX	pH
1	21701	1	DP-13-1-4	931481	1-4oz, 1-8oz	VOC, SVOC, PCB, DRO	1357, 718, 740, 112, 2nd	3, 5, 7, 9, 11	3/14/91	SC	NA
2	↓	2	DP 13-4-8	931454	↓	↓	↓	↓	↓	↓	↓
3											
4											
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20											

D Ellmore 3-16-91

Logged In By: Diane Ellmore & Glenn Hume
Order Entered By: Diane Ellmore
Cyanide samples checked for sulfide and chlorine Y / (NA)
Received in good condition (Y) / N
Holding Blank(s) Counter / Page _____ / _____ CCN s _____ / _____
Temperature(s) 2 °C

DATA REPORTING QUALIFIERS

On the Form I under the column labeled Q for qualifier each result is flagged with the specific data reporting qualifiers listed below as appropriate Up to five qualifiers may be reported on Form I for each compound The qualifiers used are

U This flag indicates the compound was analyzed for but not detected The Contract Required Quantitation Limit (CRQL) (or Reporting Limit) will be adjusted to reflect any dilution and for soils the percent moisture

J This flag indicates an estimated value The flag is used as detailed below

1 When estimating a concentration for tentatively identified compounds (TICs) where a response factor of 1 0 is assumed for the TIC analyte

2 When the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC MS identification criteria and the result is less than the CRQL (or Reporting Limit) but greater than zero and

When the retention time data indicates the presence of a compound that meets the pesticide Aroclor or other GC or HPLC identification criteria and the result is less than the CRQL (or Reporting Limit) but greater than zero For example if the CRQL (or Reporting Limit) is 10 µg L but a concentration of 5 µg L is calculated it is reported as 5J

N This flag indicates presumptive evidence of a compound This flag is only used for TICs where the identification is based on a mass spectral library search For generic characterization of a TIC such as chlorinated hydrocarbon the N flag is not used

P In the EPA s Contract Laboratory Program (CLP) this flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns The lower of the two values is reported on Form I and flagged with a P
For SW 846 GC and HPLC analyses when the Relative Percent Difference (RPD) is greater than 40% and there is no evidence of chromatographic anomalies or interferences then the higher of the two values is reported and flagged with a P When the RPD is equal to or less than 40% our policy is to also report the higher of the two values although the choice could be a project specific issue

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DATA REPORTING QUALIFIERS

B This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates probable blank contamination and warns the data user to take appropriate action. This flag is used for a TIC as well as for a positively identified target compound. The combination of flags BU or UB is not an allowable policy. Blank contaminants are flagged B only when they are detected in the sample.

E This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis. If one or more compounds have a response greater than the upper level of the calibration range, the sample or extract will be diluted and reanalyzed. All such compounds with a response greater than the upper level of the calibration range will have the concentration flagged with an E on Form I for the original analysis.

D If a sample or extract is reanalyzed at a higher dilution factor, for example when the concentration of an analyte exceeds the upper calibration range, the DL suffix is appended to the sample number on Form I for the more diluted sample, and **all** reported concentrations on that Form I are flagged with the D flag. This flag alerts data users that any discrepancies between the reported concentrations may be due to dilution of the sample or extract.

NOTE 1: The D flag is not applied to compounds which are not detected in the sample analysis, i.e. compounds reported with the CRQL (or Reporting Limit) and the U flag.

NOTE 2: Separate Form Is are used for reporting the original analysis (Client Sample No. XXXXX) and the more diluted sample analysis (Client Sample No. XXXXXDL), i.e. the results from both analyses <u>are not combined</u> on a single Form I.

A This flag indicates that a TIC is a suspected aldol condensation product.

S This flag indicates that an analyte was detected by a single column GC analysis but the result was below the Reporting Limit. This flag is only used when clients request a second (confirmation) column analysis after detecting an analyte above the Reporting Limit in the initial single column analysis. This flag alerts the data user that only an analyte was detected below the Reporting Limit and a second (confirmation) analysis was not performed.

X/Y/Z Other specific flags may be required to properly define the results. If used, the flags will be fully described in the SDG Narrative. The laboratory defined flags are limited to X, Y and Z.

FORM 1
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

DP-13-1-4

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931481

Sample wt/vol 30 0 (g/mL) G Lab File ID _____

% Moisture 6 decanted (Y/N) N Date Received 03/16/99

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/16/99

Concentrated Extract Volume 5000(uL) Date Analyzed 03/17/99

Injection Volume 2 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/KG	Q
12674-11-2------	Aroclor-1016	34	U
11104-28-2------	Aroclor-1221	45	U
11141-16-5------	Aroclor-1232	34	U
53469-21-9------	Aroclor-1242	24	U
12672-29-6------	Aroclor-1248	24	U
11097-69-1------	Aroclor-1254	24	U
11096-82-5------	Aroclor-1260	34	U

FORM 1
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

DP-13-4-8

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931484

Sample wt/vol 30 0 (g/mL) G Lab File ID _____

% Moisture 4 decanted (Y/N) N Date Received 03/16/99

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/16/99

Concentrated Extract Volume 5000(uL) Date Analyzed 03/17/99

Injection Volume 2 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/KG	Q
12674-11-2------	Aroclor-1016	34	U
11104-28-2------	Aroclor-1221	44	U
11141-16-5------	Aroclor-1232	34	U
53469-21-9------	Aroclor-1242	23	U
12672-29-6------	Aroclor-1248	23	U
11097-69-1------	Aroclor-1254	23	U
11096-82-5------	Aroclor-1260	34	U

FORM 1
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

PBLKFP

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931519

Sample wt/vol 30 0 (g/mL) G Lab File ID _____

% Moisture 0 decanted (Y/N) N Date Received _____

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/16/99

Concentrated Extract Volume 5000(uL) Date Analyzed 03/17/99

Injection Volume 2 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/KG	Q
12674-11-2------	Aroclor-1016	32	U
11104-28-2------	Aroclor-1221	42	U
11141-16-5------	Aroclor-1232	32	U
53469-21-9------	Aroclor-1242	22	U
12672-29-6------	Aroclor-1248	22	U
11097-69-1------	Aroclor-1254	22	U
11096-82-5------	Aroclor-1260	32	U

4C
PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO

PBLKFP

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Lab Sample ID 931519 Lab File ID _____

Matrix (soil/water) SOIL Extraction (SepF/Cont/Sonc) SONC

Sulfur Cleanup (Y/N) N Date Extracted 03/16/99

Date Analyzed (1) 03/17/99 Date Analyzed (2) 03/17/99

Time Analyzed (1) 2052 Time Analyzed (2) 2052

Instrument ID (1) VARIAN72 Instrument ID (2) VARIAN70

GC Column (1) DB-608 ID 0 53(mm) GC Column (2) RTX-1701 ID 0 53(m

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD

	EPA SAMPLE NO	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PLCSFP	931520	03/17/99	03/17/99
02	DP-13-1-4	931481	03/17/99	03/17/99
03	DP-13-4-8	931484	03/17/99	03/17/99
04	DP-13-4-8MS	931488	03/17/99	03/17/99
05	DP-13-4-8MSD	931489	03/17/99	03/17/99
06				
07				
08				
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26				

COMMENTS _____

FORM IV PEST

FORM 2
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

GC Column(1) DB-608 ID 0 53 (mm) GC Column(2) RTX-1701 ID 0 53 (m

	CLIENT SAMPLE NO	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	PBLKFP	99	94	84	93			0
02	PLCSFP	102	105	89	93			0
03	DP-13-1-4	83	82	67	71			0
04	DP-13-4-8	102	96	76	82			0
05	DP-13-4-8MS	95	97	72	79			0
06	DP-13-4-8MSD	196*	196*	157*	168*			4
07								
08								
09								
10								
11								
12								
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29								
30								

ADVISORY
QC LIMITS

S1 (TCX) = Tetrachloro-m-xylene (30-150)
S2 (DCB) = Decachlorobiphenyl (30-150)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

FORM 3
SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix Spike - Sample No DP-13-4-8

COMPOUND	SPIKE ADDED (ug/Kg	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS REC #	QC LIMITS REC
Aroclor-1254	350	0 0	320	91	50-150

COMPOUND	SPIKE ADDED (ug/Kg	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC
Aroclor-1254	350	660	188*	70*	20	50-150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD 1 out of 1 outside limits
Spike Recovery 1 out of 2 outside limits

COMMENTS

FORM 3
SOIL PESTICIDE LAB CONTROL SAMPLE

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

COMPOUND	SPIKE ADDED (ug/Kg	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC LIMITS REC
Aroclor-1254	330	300	91	50-150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery 0 out of 1 outside limits

COMMENTS

CompuChem
a Division of Liberty Analytical
501 Madison Ave
Cary, NC 27513

Building 53
Press 16 soil

FAX COVER SHEET

Date 3-23-99

To Ken Vogel
LBG

Fax 651-490-1100

From Diane Ellmore

Phone 919-379-4011
Fax 919-379-1040

RE RFA 217 - Dayton Thermal

Number of pages including the cover sheet 7

Message

SVOC & PCB Results

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE ID

Project YGQP9900217 Date Sampled 03/11/99

Lab Code CCMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931481

Sample wt/vol 30.0 (g/mL) G Lab File ID GH031481.D

Level (low/med) LOW Date Received 03/12/99

% Moisture 6 decanted (Y/N) N Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1.0(uL) Dilution Factor 1.0

GPC Cleanup (Y/N) N CONCENTRATION UNITS (ug/L or ug/Kg)

CAS NO	COMPOUND	DL	ug/L
108-95-2	Phenol	350	U
111-44-4	Bis(2-chloroethyl)ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	bis(2-Chloroisopropyl)ether	350	
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-N-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
111-91-1	Bis(2-chloroethoxy)methane	350	
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
59-50-7	4-Chloro-3-methylphenol	350	
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	350	U
606-20-2	2,6-Dinitrotoluene	350	U
208-96-8	Acenaphthylene	350	U
99-09-2	3-Nitroaniline	1700	U

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE ID

DP 13 1 1

Project YGQP9900217 Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 1701

Matrix (soil/water) SOIL Lab Sample ID 931481

Sample wt/vol 30 0 (g/mL) G Lab File ID GH03148140

Level (low/med) LOW Date Received 03/16/99

% Moisture 0 decanted (Y/N) N Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS (ug/L or ug/kg)

CAS NO	COMPOUND	DL	CONC
83-32 9	Acenaphthene	350	U
51-28-5	2 4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
121-14-2	2 4-Dinitrotoluene	350	U
132-64-9	Dibenzofuran	350	U
84-66-2	Diethylphthalate	350	U
7005-72 3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4 6-Dinitro-2-methylphenol	1700	U
86-30 6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
86-74-8	Carbazole	350	U
84-74-2	Di n-butylphthalate	350	U
206-44 0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3 3 -Dichlorobenzidine	700	U
117 81-7	bis(2-ethylhexyl)Phthalate	350	U
56-55-3	Benzo(a)anthracene	350	U
218-01 9	Chrysene	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	350	U
207 08 9	Benzo(k)fluoranthene	350	U
50 32-8	Benzo(a)pyrene	350	U
193-39-5	Indeno(1 2 3-c d)pyrene	350	U
53-70-3	Dibenzo(a h)anthracene	350	U
191-24-2	Benzo(g h,i)perylene	350	U

(1) Cannot be separated from Diphenylamine

FORM I SV-2

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

AMLI1

DP 15 - 6

Project YGQP9900217 Date Sampled 03/11 99

Lab Code COMPU Case No 34181 SAS No SDG No 1701

Matrix (soil/water) SOIL Lab Sample ID 931484

Sample wt/vol 30 0 (g/mL) G Lab File ID (H031-844)

Level (low/med) LOW Date Received 03/16/99

% Moisture 4 decanted (Y/N) N Date Extracted 03/1 99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/1 99

Injection Volume 1 0(uL) Dilution Factor 1

GPC Cleanup (Y/N) N CONCENTRATION UNITS (ug/L or ug/kg)

CAS NO	COMPOUND	DL	C	M
108-95-2	Phenol	340		
111-44-4	Bis(2 chloroethyl)ether	340		
95-57-8	2-Chlorophenol	340		
541-73-1	1,3-Dichlorobenzene	340		
106-46-7	1 4-Dichlorobenzene	340		
95-50-1	1 2-Dichlorobenzene	340		
95-48-7	2-Methylphenol	340		
108-60-1	bis(2-Chloroisopropyl)ether	340		
106-44-5	4-Methylphenol	340		
621-64-7	N-Nitroso-di-N-propylamine	340		
67-72-1	Hexachloroethane	340		
98-95-3	Nitrobenzene	340		
78-59-1	Isophorone	340		
88-75-5	2-Nitrophenol	340		
105-67-9	2,4-Dimethylphenol	340		
111-91-1	Bis(2 chloroethoxy)methane	340		
120-83-2	2,4-Dichlorophenol	340		
120-82-1	1 2 4 Trichlorobenzene	340		
91-20-3	Naphthalene	340		
106-47-8	4-Chloroaniline	340		
87-68-3	Hexachlorobutadiene	340		
59-50-7	4-Chloro-3-methylphenol	340		
91-57-6	2-Methylnaphthalene	340		
77-47-4	Hexachlorocyclopentadiene	340		
88-06-2	2 4 6-Trichlorophenol	340		
95-95-4	2 4,5-Trichlorophenol	1700		
91-58-7	2-Chloronaphthalene	340		
88-74-4	2-Nitroaniline	1700		
131-11-3	Dimethylphthalate	340		
606-20-2	2 6-Dinitrotoluene	340		
208-96-8	Acenaphthylene	340		
99-09-2	3-Nitroaniline	1700		

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE 1

DP 13 4 8

Project YGQP9900217 Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21/1

Matrix (soil/water) SOIL Lab Sample ID 931484

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031484ace 1

Level (low/med) LOW Date Received 03/16 99

% Moisture 4 decanted (Y/N) N Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS (ug/L or ug/kg) ug/kg

CAS NO	COMPOUND	DL		
83 32-9--	Acenaphthene	340		U
51-28-5-	2,4-Dinitrophenol	1700		U
100-02 7-	4-Nitrophenol	1700		U
121-14-2-	2 4-Dinitrotoluene	340		U
132-64-9-	Dibenzofuran	40		J
84-66-2-	Diethylphthalate	340		U
7005 72-3--	4-Chlorophenyl-phenylether	340		U
86-73-7-	Fluorene	340		U
100-01-6-	4-Nitroaniline	1700		U
534-52-1-	4,6-Dinitro-2-methylphenol	1700		U
86 30-6-	N-Nitrosodiphenylamine (1)	340		U
101-55-3-	4-Bromophenyl-phenylether	340		U
118-74-1-	Hexachlorobenzene	340		U
87-86-5-	Pentachlorophenol	1700		U
85-01-8-	Phenanthrene	340		U
120-12-7-	Anthracene	340		U
86-74-8-	Carbazole	340		U
84 74-2-	Di-n-butylphthalate	340		U
206-44-0-	Fluoranthene	340		U
129-00-0-	Pyrene	340		U
85-68-7-	Butylbenzylphthalate	340		U
91-94-1-	3 3 -Dichlorobenzidine	690		U
117 81 7	Bis(2 ethylhexyl) Phthalate	340		U
56-55 3	Benzo(a)anthracene	340		U
218-01 9	Chrysene	340		U
117 84-0	Di n-octylphthalate	340		U
205-99 2	Benzo(b)fluoranthene	340		U
207-08-9	Benzo(k)fluoranthene	340		U
50-32-8-	Benzo(a)pyrene	340		U
193-39-5-	Indeno(1 2 3-c d)pyrene	340		U
53-70-3	Dibenzo(a h)anthracene	340		U
191-24-2-	Benzo(g h,i)perylene	340		U

(1) Cannot be separated from Diphenylamine

FORM I SV-2

FORM 1
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No

Matrix (soil/water) SOIL Lab Sample ID

Sample wt/vol 30 0 (g/mL) G Lab File ID

% Moisture 6 decanted (Y/N) N Date Received

Extraction (SepF/Cont/Sonc) SONC Date Extracted

Concentrated Extract Volume 5000(uL) Date Analyzed

Injection Volume 2 0(uL) Dilution Factor

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/KG
12674-11-2------	Aroclor-1016	
11104-28-2------	Aroclor-1221	
11141-16-5------	Aroclor-1232	
53469-21-9------	Aroclor-1242	
12672-29-6-- ---	Aroclor-1248	
11097-69-1------	Aroclor-1254	
11096-82-5---- -	Aroclor-1260	

FORM I PEST

FORM 1
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No

Matrix (soil/water) SOIL Lab Sample ID [illegible]

Sample wt/vol 30.0 (g/mL) G Lab File ID

% Moisture 4 decanted (Y/N) N Date Received [illegible]

Extraction (SepF/Cont/Sonc) SONC Date Extracted [illegible]

Concentrated Extract Volume 5000(uL) Date Analyzed [illegible]

Injection Volume 2.0(uL) Dilution Factor [illegible]

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup [illegible]

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/kg) UG/KG	
12674-11-2-----	Aroclor-1016	34	U
11104-28-2-----	Aroclor-1221	44	U
11141-16-5-----	Aroclor-1232	34	U
53469-21-9-----	Aroclor-1242	33	U
12672-29-6-----	Aroclor-1248	33	U
11097-69-1-----	Aroclor-1254	33	U
11096-82-5-----	Aroclor-1260	4	U

ENTERED IN DAT
BY/DATE DVS 3/26/99
CHECKED BY MLH
DATE 3-30-99

3/99

Press 16 Bldg 53
Dayton Thermal
RFA217

COMPUCHEM

a division of Liberty Analytical Corp

26/MAR/99

LEGGETTE BRASHEARS & GRAHAM
ATTN Ken Vogel
1210 WEST COUNTY RD E
SUITE 700
ST PAUL, MN 55112

DP-13 DRO

Subject Report of Data - Account Number# 500944 Order# 34181

ATTN

Enclosed are the results of analytical work performed in accordance with the referenced account number

This report covers 2 sample(s) appearing on the attached listing

Thank you for selecting CompuChem Environmental for your sample analysis If you should have questions or require additional analytical services please contact your representative at 1-800-833-5097

Sincerely,

Diane Ellmore

CompuChem Environmental
a division of Liberty Analytical

Attachment

501 Madison Avenue ■ Cary N C 27513 ■ Tel 919 379-4100 ■ Fax 919 379-4050

COMPUCHEM

a division of Liberty Analytical Corp

26/MAR/99

LEGGETTE BRASHEARS & GRAHAM
ATTN
1210 WEST COUNTY RD E
SUITE 700
ST PAUL, MN 55112

ACCOUNT # 500944

CC#	SAMPLE-ID	RECEIPT DATE
931481	DP-13-1-4	3/16/99
931484	DP-13-4-8	3/16/99

TOTAL NUMBER OF SAMPLES = 2

501 Madison Avenue ■ Cary N C 27513 ■ Tel 919 379-4100 ■ Fax 919-379-4050

COMPUCHEM
501 Madison Ave
Cary NC 27513
(919)379-4100

SDG Narrative
Case # 34181
SDG #21701
METHOD 8015M

Sample Identification DP-13-1-4 DP-13-4-8

The two (2) soil samples listed above were received intact properly refrigerated with proper chain-of-custody (COC) documentation on March 16, 1999 The samples were extracted and analyzed following Method 8015 modified protocol for this fraction

The samples were extracted within holding time All surrogate recoveries were within method specified criteria. No target compounds were present above the reporting limit

The associated method blank and method spike met all quality control criteria The matrix spike/matrix spike duplicate met all recovery criteria.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or his designee, as verified by the following signature

Katrina L Travis
GC Supervisor
March 26 1999

CompuChem Receiving Log

Client Chrysler / L BG
Order # 34181
Project RFA 217
Quote # 91-7247
Account # 560244

Received on 3-16-99 # of COC s 1
Delivered by Fed Ex
Freight # 809783701740
Subcontract Y / N
TAT Verbal _____ Hardcopy 10day

PPS / RFA # 217 Page 1 of 1
Lab Instructions TCL VOCs & SVOC, PCBs, DRO 8015 / Pick GC

	SDG	REQ	SAMPLE ID	CCN	AMOUNT / CONTAINER	PARAMETER	ANALYSIS CODE	LINE ITEM	SAMPLE DATE	MX	pH
1	217001	1	DP-13-1-4	931481	1-4oz, 1-8oz	VOC, SVOC, PCB, DRO	1357, 718, 749, 1121, 246	3, 5, 7, 9, 11	3/14/99	SO	NA
2	↓	2	DP 13-4-8	931484	↓	↓	↓	↓	↓	↓	↓
3											
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20											

D Ellmore 3-16-99

Logged In By Diane Ellmore & Glenn Hume
Order Entered By Diane Ellmore
Cyanide samples checked for sulfide and chlorine Y / NA
Received in good condition Y / N
Holding Blank(s) Counter / Page _____ / _____ CCN's _____ / _____
Temperature(s) 2 °C

CHRYSLER CORPORATION

Bldg 53, Press 16
Soil Characterization

Chain-of-Custody

04026 A

CompuChem 501 Madison Avenue Cary NC 27513 Phone Number 1 800 833 5097 Fax Number (919) 379-4050	Project Name: Dayton Thermal Products Site Location: 1600 Webster St Dayton OH Site Code: SC001 RFA Number: YGUP990021 7 Chrysler PM: Gary Stamnes-K	Consultant: LBG Address: 1210 West County Road E St. Paul MN 55112 Consultant PM: Ken Vogel Phone: 651 490 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)

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	4 oz glass none VOC 8260	2 oz glass none SVOC 8270	2 oz glass none PCB 8080	8 oz glass none DRO					Volatiles pH <2	Metals pH <2	Cyanide pH > 12	Other ____	Remarks
DP-13 1-4	3/14/99	1635	G	S	2	X	X	X	X									1 ppm on PID
DP 13 4-8'	↓	1645	G	S	2	X	X	X	X									N4

Lab Use Only

Sampler(s)	Bottles Relinquished under Airbill No.			Samples Relinquished under Airbill No. 809983901940			Temperature (corrected) 2 C
David Strand Mac Plante	Relinquished by: [signature]	Date: 3/15/99	Time: FedEx	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Cooler ID 226	Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact? Yes No
RFA sampling complete? Y N	Relinquished by:	Date:	Time:	Received for Laboratory by: [signature]	Date: 3/16/99	Time: 725	Custody Seal Intact? Yes N

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

Samples shipped w/ RFA 99215 samples.
See Trip blank and Equipment blank on 04025 C-O-C

Revised September 3 1997

LEGGETTE BRASHEARS & GRAHAM PAGE 1
ATTN
1210 WEST COUNTY RD E
SUITE 700
ST PAUL, MN 55112

RECEIVE DATE: 3/16/99
QUOTE NUMBER 99-00072470000500944
ORDER NUMBER 34181

SAMPLE ID	TURNAROUND** TIME	ANALYSIS	COMPUCHEM NUMBER
DP-13-1-4	10	TCL Voa/Method 8260/LL S-S/Case ID	931481
		TCL Semivoa Method 8270 S/S	931481
		PCBs Method 8080 S/S	931481
		Ext TPH(Diesel)/S-S/GC-FID/Mod 8015/Case	931481
		% Moisture; Undecanted/S-S/	931481
DP-13-4-8	10	TCL Voa/Method 8260/LL S-S/Case ID	931484
		TCL Semivoa Method 8270 S/S	931484
		PCBs Method 8080 S/S	931484
		Ext TPH(Diesel)/S-S/GC-FID/Mod 8015/Case	931484
		% Moisture; Undecanted/S-S/	931484

** Please note that turnaround time and sample due dates will be whenever applicable calculated and determined by the last sample received in a Sample Delivery Group

COMPUCHEM
division of Liberty Analytical

LOG-IN VERIFICATION

Client Chrysler/LBG Project RFA 217

Case 34181 Date Received 3/16/99

Were all sample I D 's checked? (Yes) / No

Were all analyses on COC also on receipt log? (Yes) / No

Were any associated line item's missing? Yes / (No)

Were all parameter's logged in? (Yes) / No

Were correct method numbers received? (Yes) / No

Is any information absent from receiving log header? Yes / (No)

Were all blank lines on the receiving log z ed out? (Yes) / No

Was TAT verified (quick turn line items used?) (Yes) / No

Was QC designated and verified? Yes / (No) / N/A

Is the field COC complete (signed/dated etc)? (Yes) / No

Were all comments/issues recorded on COC? (Yes) / No

Signature C Smith Date 3/17/99

Corrective Action

Completed By _____ Date _____

FORM 1
8015 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

DP-13-1-4

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931481

Sample wt/vol 20 0 (g/mL) G Lab File ID _____

% Moisture 6 decanted (Y/N) N Date Received 03/16/99

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/23/99

Concentrated Extract Volume 5000(ul) Date Analyzed 03/25/99

Injection Volume 4 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) MG/KG	Q
9999-99-7	Diesel	2 4	J

FORM I 8015

FORM 1
8015 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

DP-13-4-8

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931484

Sample wt/vol 20 0 (g/mL) G Lab File ID _____

% Moisture 4 decanted (Y/N) N Date Received 03/16/99

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/23/99

Concentrated Extract Volume 5000(ul) Date Analyzed 03/25/99

Injection Volume 4 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) MG/KG	Q
9999-99-7	Diesel	52	U

FORM 1
8015 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

DP-13-4-8MS

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931490

Sample wt/vol 20 0 (g/mL) G Lab File ID _____

% Moisture 4 decanted (Y/N) N Date Received 03/16/99

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/17/99

Concentrated Extract Volume 5000(ul) Date Analyzed 03/18/99

Injection Volume 4 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) MG/KG	Q
9999-99-7	Diesel	220	

FORM I 8015

FORM 1
8015 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

DP-13-4-8MSD

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931491

Sample wt/vol 20 0 (g/mL) G Lab File ID _____

% Moisture 4 decanted (Y/N) N Date Received 03/16/99

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/17/99

Concentrated Extract Volume 5000(ul) Date Analyzed 03/18/99

Injection Volume 4 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) MG/KG	Q
9999-99-7	Diesel	210	

FORM I 8015

FORM 2
SOIL 8015 SURROGATE RECOVERY

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

GC Column(1) RTX-5 ID 0 53 (mm)

	CLIENT SAMPLE NO	S1 %REC #	S2 %REC #	S3 %REC #	S4 %REC #	S5 %REC #	S6 %REC #	TOT OUT
01	PLCSFU	78						0
02	PBLKFU	68						0
03	DP-13-4-8MS	84						0
04	DP-13-4-8MSD	81						0
05	PBLKGR	81						0
06	PLCSGR	84						0
07	DP-13-1-4	67						0
08	DP-13-4-8	71						0
09								
10								
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26								
27								
28								
29								
30								

ADVISORY
QC LIMITS

S1 = o-terphenyl (40-130)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

FORM 3
SOIL 8015 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix Spike - Sample No DP-13-4-8

COMPOUND	SPIKE ADDED (mg/Kg	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC #	QC LIMITS REC
Diesel	260	0 0	220	85	50-150

COMPOUND	SPIKE ADDED (mg/Kg	MSD CONCENTRATION (mg/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	REC
Diesel	260	210	81	5	25	50-150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD 0 out of 1 outside limits
Spike Recovery 0 out of 2 outside limits

COMMENTS _____

FORM 3
SOIL 8015 LAB CONTROL SAMPLE

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

COMPOUND	SPIKE ADDED (mg/Kg	LCS CONCENTRATION (mg/Kg)	LCS % REC #	QC LIMITS REC
Diesel	250	200	80	50-150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery 0 out of 1 outside limits

COMMENTS

FORM 3
SOIL 8015 LAB CONTROL SAMPLE

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

COMPOUND	SPIKE ADDED (mg/Kg	LCS CONCENTRATION (mg/Kg)	LCS % REC #	QC LIMITS REC
Diesel	250	230	92	50-150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery 0 out of 1 outside limits

COMMENTS

4C
PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO

PBLKFU

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Lab Sample ID 931630 Lab File ID _____

Matrix (soil/water) SOIL Extraction (SepF/Cont/Sonc) SONC

Sulfur Cleanup (Y/N) N Date Extracted 03/17/99

Date Analyzed (1) 03/18/99 Date Analyzed (2)

Time Analyzed (1) 2028 Time Analyzed (2)

Instrument ID (1) VARIAN45 Instrument ID (2)

GC Column (1) RTX-5 ID 0 53(mm) GC Column (2) ID

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD

	EPA SAMPLE NO	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PLCSFU	931631	03/18/99	
02	DP-13-4-8MS	931490	03/18/99	
03	DP-13-4-8MSD	931491	03/18/99	
04				
05				
06				
07				
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24				
25				
26				

COMMENTS _____

FORM IV PEST

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO

PBLKGR

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Lab Sample ID 932145 Lab File ID _____

Matrix (soil/water) SOIL Extraction (SepF/Cont/Sonc) SONC

Sulfur Cleanup (Y/N) N Date Extracted 03/23/99

Date Analyzed (1) 03/25/99 Date Analyzed (2)

Time Analyzed (1) 1632 Time Analyzed (2)

Instrument ID (1) VARIAN45 Instrument ID (2)

GC Column (1) RTX-5 ID 0 53(mm) GC Column (2) ID

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD

	EPA SAMPLE NO	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PLCSGR	932146	03/25/99	
02	DP-13-1-4	931481	03/25/99	
03	DP-13-4-8	931484	03/25/99	
04				
05				
06				
07				
08				
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25				
26				

COMMENTS _____

FORM IV PEST

FORM 1
8015 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

PBLKFU

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931630

Sample wt/vol 20 0 (g/mL) G Lab File ID _____

% Moisture 0 decanted (Y/N) N Date Received _____

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/17/99

Concentrated Extract Volume 5000(ul) Date Analyzed 03/18/99

Injection Volume 4 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) MG/KG	Q
9999-99-7	Diesel	50	U

FORM I 8015

FORM 1
8015 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

PBLKGR

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 932145

Sample wt/vol 20 0 (g/mL) G Lab File ID _____

% Moisture 0 decanted (Y/N) N Date Received

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/23/99

Concentrated Extract Volume 5000(ul) Date Analyzed 03/25/99

Injection Volume 4 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) MG/KG	Q
9999-99-7	Diesel	50	U

FORM I 8015

FORM 1
8015 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

PLCSFU

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931631

Sample wt/vol 20 0 (g/mL) G Lab File ID _____

% Moisture 0 decanted (Y/N) N Date Received _____

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/17/99

Concentrated Extract Volume 5000(ul) Date Analyzed 03/18/99

Injection Volume 4 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) MG/KG	Q
9999-99-7	Diesel	200	

FORM I 8015

FORM 1
8015 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

PLCSGR

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 932146

Sample wt/vol 20 0 (g/mL) G Lab File ID _____

% Moisture 0 decanted (Y/N) N Date Received

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/23/99

Concentrated Extract Volume 5000(ul) Date Analyzed 03/25/99

Injection Volume 4 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) MG/KG	Q
9999-99-7	Diesel	230	

FORM I 8015

COMPUCHEM

a division of Liberty Analytical Corp

ENTERED BY/DATE DRS 3/26/99
CHECKED BY MJN
DATE 3-30-99

3/99 RFA 217

Dayton
Bldg 53 Press 16
DRO

26/MAR/99

LEGGETTE BRASHEARS & GRAHAM
ATTN
1210 WEST COUNTY RD E
SUITE 700
ST PAUL, MN 55112

Subject Report of Data - Account Number# 500944 Order# 34181

ATTN

Enclosed are the results of analytical work performed in accordance with the referenced account number

This report covers 2 sample(s) appearing on the attached listing

Thank you for selecting CompuChem Environmental for your sample analysis If you should have questions or require additional analytical services please contact your representative at 1-800-833-5097

Sincerely,

Diane Ellmore

CompuChem Environmental
a division of Liberty Analytical

Attachment

501 Madison Avenue ■ Cary N C 27513 ■ Tel 919 379-4100 ■ Fax 919 379-4050

COMPUCHEM

a division of Liberty Analytical Corp

26/MAR/99

LEGGETTE BRASHEARS & GRAHAM
ATTN
1210 WEST COUNTY RD E
SUITE 700
ST PAUL, MN 55112

ACCOUNT # 500944

CC#	SAMPLE-ID	RECEIPT DATE
931481	DP-13-1-4	3/16/99
931484	DP-13-4-8	3/16/99

TOTAL NUMBER OF SAMPLES = 2

501 Madison Avenue ■ Cary N C 27513 ■ Tel 919 379 4100 ■ Fax 919 379-4050

COMPUCHEM
501 Madison Ave
Cary NC 27513
(919)379-4100

SDG Narrative
Case # 34181
SDG #21701
METHOD 8015M

Sample Identification DP-13-1-4, DP-13-4-8

The two (2) soil samples listed above were received intact properly refrigerated, with proper chain-of-custody (COC) documentation on March 16, 1999 The samples were extracted and analyzed following Method 8015 modified protocol for this fraction

The samples were extracted within holding time All surrogate recoveries were within method specified criteria No target compounds were present above the reporting limit

The associated method blank and method spike met all quality control criteria The matrix spike/matrix spike duplicate met all recovery criteria.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or his designee as verified by the following signature

Katrina L Travis
GC Supervisor
March 26 1999

CompuChem Receiving Log

Client: Chrysler / C 3G
Order #: 34131
Project: RFA 217
Quote #: 71 7247
Account #: SCC 944

Received on: 3-16-97 # of COC s: 1
Delivered by: Fed Ex
Freight #: 8099837012 40
Subcontract Y / (N)
TAT Verbal: _____ Hardcopy: 10day

PPS / (RFA #) 217 Page 1 of 1
Lab Instructions: TCL VOCs & SVOC, PCBs, DRO 8015 / Pick G.C

	SDG	REQ	SAMPLE ID	CCN	AMOUNT / CONTAINER	PARAMETER	ANALYSIS CODE	LINE ITEM	SAMPLE DATE	MX	pH
1	217601	1	DP-13-1-4	931481	1-4oz, 1 8oz	VOC, SVOC, PCB, DRO	1357, 718, 742, 1132, 2ov	3,5,7,9,11	3/14/97	Sc	NA
2	↓	2	DP 13-4-8	931484	↓	↓	↓	↓	↓	↓	↓
3											
4											
5											
6											
7											
8											
9											
10											
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12											
13											
14											
15											
16											
17											
18											
19											
20											

D Ellmore 3-16-97

Logged In By: Diane Ellmore & Glenn Horne
Order Entered By: Diane Ellmore
Cyanide samples checked for sulfide and chlorine Y / (NA)
Received in good condition (Y) / N
Holding Blank(s) Counter / Page _____ / _____ CCN's _____ / _____
Temperature(s) 2 °C

CHRYSLER CORPORATION

Bldg 53, Press 16
Soil Characterization

Chain-of-Custody

04026 A

CompuChem 501 Madison Avenue Cary NC 27513 Phone Number 1 800 833 5097 Fax Number (919) 379-4050	Project Name: Dayton Thermal Products Site Location: 1600 Webster St Dayton OH Site Code: SC001 RFA Number: YGQP990217 Chrysler PM: Guy Stone-K	Consultant: LBG Address: 1210 West County Road E St. Paul MN 55112 Consultant PM: Ken Vogel Phone: 651 490 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)

Compound List Parameter/Method/Bottle Type/Preservative

Matrix Codes
S Soil
SW Surface Water
GW Groundwater
A Air
Sed Sediment
O Other (specify)

Field Sample Identification	Date Collected	Time Collected	Grab (C) or Composite (C)	Matrix Code	Total # of Containers	4 oz glass none VOC 8260	8 oz glass none SVOC 8270	8 oz glass none PCB 8080	8 oz glass none DRO						Volatiles pH <2	Metals pH <2	Cyanide pH > 12	Other ____	Remarks
DP-13 1-4	3/14/99	1635	G	S	2	X	X	X	X										1 ppm on PID
DP 13 4-8'	↓	1645	G	S	2	X	X	X	X										NA

Lab Use Only

Sampler(s)	Bottles Relinquished under Airbill No			Samples Relinquished under Airbill No. 809983901940			Temperature (corrected) 2 C
Derek Strand Mark Plante	Relinquished by: Derek Strand	Date: 3/15/99	Time: Fed Ex	Received by:	Date:	Time:	Custody Seal Intact? Yes No
CLID 266	Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact? Yes N
RFA Sampling Sample (Y) N	Relinquished by:	Date:	Time:	Received for Laboratory by: Glenn Rose	Date: 3/16/99	Time: 725	Custody Seal Intact? (Yes) N

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

Samples shipped w/ RFA 99215 samples
See Trip blank and Equipment blank on 04025 C-O-C

Revision 1
Issued September 3 1997

LEGGETTE BRASHEARS & GRAHAM PAGE 1
ATTN
1210 WEST COUNTY RD E
SUITE 700
ST PAUL, MN 55112

RECEIVE DATE: 3/16/99
QUOTE NUMBER 99-00072470000500944
ORDER NUMBER 34181

SAMPLE ID	TURNAROUND** TIME	ANALYSIS	COMPUCHEM NUMBER
DP-13-1-4	10	TCL Voa/Method 8260/LL S-S/Case ID	931481
		TCL Semivoa Method 8270 S/S	931481
		PCBs Method 8080 S/S	931481
		Ext TPH(Diesel)/S-S/GC-FID/Mod 8015/Case	931481
		% Moisture; Undecanted/S-S/	931481
DP-13-4-8	10	TCL Voa/Method 8260/LL S-S/Case ID	931484
		TCL Semivoa Method 8270 S/S	931484
		PCBs Method 8080 S/S	931484
		Ext TPH(Diesel)/S-S/GC-FID/Mod 8015/Case	931484
		% Moisture; Undecanted/S-S/	931484

** Please note that turnaround time and sample due dates will be whenever applicable, calculated and determined by the last sample received in a Sample Delivery Group

COMPUCHEM
division of Liberty Analytical

LOG-IN VERIFICATION

Client Chrysler/LBG Project RFA 217

Case 34181 Date Received 3/16/99

Were all sample I D s checked? Yes / No

Were all analyses on COC also on receipt log? Yes / No

Were any associated line item's missing? Yes / No

Were all parameter s logged in? Yes / No

Were correct method numbers received? Yes / No

Is any information absent from receiving log header? Yes / No

Were all blank lines on the receiving log z ed out? Yes / No

Was TAT verified (quick turn line items used?) Yes / No

Was QC designated and verified? Yes / No / N/A

Is the field COC complete (signed/dated etc)? Yes / No

Were all comments/issues recorded on COC? Yes / No

Signature C Smith Date 3/17/99

Corrective Action

Completed By _____ Date _____

FORM 1
8015 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

DP-13-1-4

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931481

Sample wt/vol 20 0 (g/mL) G Lab File ID _____

% Moisture 6 decanted (Y/N) N Date Received 03/16/99

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/23/99

Concentrated Extract Volume 5000(ul) Date Analyzed 03/25/99

Injection Volume 4 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) MG/KG	Q
9999-99-7	Diesel	2 4	J

FORM I 8015

FORM 1
8015 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

DP-13-4-8

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931484

Sample wt/vol 20 0 (g/mL) G Lab File ID _____

% Moisture 4 decanted (Y/N) N Date Received 03/16/99

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/23/99

Concentrated Extract Volume 5000(ul) Date Analyzed 03/25/99

Injection Volume 4 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) MG/KG	Q
9999-99-7	Diesel	52	U

FORM I 8015

FORM 1
8015 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

DP-13-4-8MS

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931490

Sample wt/vol 20 0 (g/mL) G Lab File ID _____

% Moisture 4 decanted (Y/N) N Date Received 03/16/99

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/17/99

Concentrated Extract Volume 5000(ul) Date Analyzed 03/18/99

Injection Volume 4 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) MG/KG	Q
9999-99-7	Diesel	220	

FORM I 8015

FORM 1
8015 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

DP-13-4-8MSD

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931491

Sample wt/vol 20 0 (g/mL) G Lab File ID _____

% Moisture 4 decanted (Y/N) N Date Received 03/16/99

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/17/99

Concentrated Extract Volume 5000(ul) Date Analyzed 03/18/99

Injection Volume 4 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) MG/KG	Q
9999-99-7	Diesel	210	

FORM I 8015

FORM 2
SOIL 8015 SURROGATE RECOVERY

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

GC Column(1) RTX-5 ID 0 53 (mm)

	CLIENT SAMPLE NO	S1 %REC #	S2 %REC #	S3 %REC #	S4 %REC #	S5 %REC #	S6 %REC #	TOT OUT
01	PLCSFU	78						0
02	PBLKFU	68						0
03	DP-13-4-8MS	84						0
04	DP-13-4-8MSD	81						0
05	PBLKGR	81						0
06	PLCSGR	84						0
07	DP-13-1-4	67						0
08	DP-13-4-8	71						0
09								
10								
11								
12								
13								
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28								
29								
30								

ADVISORY
QC LIMITS

S1 = o-terphenyl (40-130)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

FORM 3
SOIL 8015 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix Spike - Sample No DP-13-4-8

COMPOUND	SPIKE ADDED (mg/Kg	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC #	QC LIMITS REC
Diesel	260	0 0	220	85	50-150

COMPOUND	SPIKE ADDED (mg/Kg	MSD CONCENTRATION (mg/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC
Diesel	260	210	81	5	25	50-150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD 0 out of 1 outside limits
Spike Recovery 0 out of 2 outside limits

COMMENTS _____

FORM 3
SOIL 8015 LAB CONTROL SAMPLE

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

COMPOUND	SPIKE ADDED (mg/Kg	LCS CONCENTRATION (mg/Kg)	LCS % REC #	QC LIMITS REC
Diesel	250	200	80	50-150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery 0 out of 1 outside limits

COMMENTS

FORM 3
SOIL 8015 LAB CONTROL SAMPLE

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

COMPOUND	SPIKE ADDED (mg/Kg	LCS CONCENTRATION (mg/Kg)	LCS % REC #	QC LIMITS REC
Diesel	250	230	92	50-150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery 0 out of 1 outside limits

COMMENTS _____

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO

PBLKFU

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Lab Sample ID 931630 Lab File ID _____

Matrix (soil/water) SOIL Extraction (SepF/Cont/Sonc) SONC

Sulfur Cleanup (Y/N) N Date Extracted 03/17/99

Date Analyzed (1) 03/18/99 Date Analyzed (2)

Time Analyzed (1) 2028 Time Analyzed (2)

Instrument ID (1) VARIAN45 Instrument ID (2)

GC Column (1) RTX-5 ID 0 53(mm) GC Column (2) ID

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD

	EPA SAMPLE NO	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PLCSFU	931631	03/18/99	
02	DP-13-4-8MS	931490	03/18/99	
03	DP-13-4-8MSD	931491	03/18/99	
04				
05				
06				
07				
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24				
25				
26				

COMMENTS _____

FORM IV PEST

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO

PBLKGR

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Lab Sample ID 932145 Lab File ID _____

Matrix (soil/water) SOIL Extraction (SepF/Cont/Sonc) SONC

Sulfur Cleanup (Y/N) N Date Extracted 03/23/99

Date Analyzed (1) 03/25/99 Date Analyzed (2)

Time Analyzed (1) 1632 Time Analyzed (2)

Instrument ID (1) VARIAN45 Instrument ID (2)

GC Column (1) RTX-5 ID 0 53(mm) GC Column (2) ID

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD

	EPA SAMPLE NO	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PLCSGR	932146	03/25/99	
02	DP-13-1-4	931481	03/25/99	
03	DP-13-4-8	931484	03/25/99	
04				
05				
06				
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25				
26				

COMMENTS _____

FORM IV PEST

FORM 1
8015 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

PBLKFU

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931630

Sample wt/vol 20 0 (g/mL) G Lab File ID _____

% Moisture 0 decanted (Y/N) N Date Received _____

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/17/99

Concentrated Extract Volume 5000(ul) Date Analyzed 03/18/99

Injection Volume 4 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) MG/KG	Q
9999-99-7	Diesel	50	U

FORM 1
8015 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

PBLKGR

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 932145

Sample wt/vol 20 0 (g/mL) G Lab File ID _____

% Moisture 0 decanted (Y/N) N Date Received

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/23/99

Concentrated Extract Volume 5000(ul) Date Analyzed 03/25/99

Injection Volume 4 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) MG/KG	Q
9999-99-7	Diesel	50	U

FORM I 8015

FORM 1
8015 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

PLCSFU

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931631

Sample wt/vol 20 0 (g/mL) G Lab File ID _____

% Moisture 0 decanted (Y/N) N Date Received _____

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/17/99

Concentrated Extract Volume 5000(ul) Date Analyzed 03/18/99

Injection Volume 4 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) MG/KG	Q
9999-99-7	Diesel	200	

FORM I 8015

FORM 1
8015 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

PLCSGR

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 932146

Sample wt/vol 20 0 (g/mL) G Lab File ID _____

% Moisture 0 decanted (Y/N) N Date Received

Extraction (SepF/Cont/Sonc) SONC Date Extracted 03/23/99

Concentrated Extract Volume 5000(ul) Date Analyzed 03/25/99

Injection Volume 4 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) MG/KG	Q
9999-99-7	Diesel	230	

FORM I 8015

CompuChem
a Division of Liberty Analytical
501 Madison Ave
Cary NC 27513

Dayton
Building 53
Press 16
3/99

FAX COVER SHEET

Date 3-26-99

To Dave Strand / Ken Vogel
LBG

Fax 651-490-110

From Diane Ellmore

Phone 919-379-4011
Fax 919-379-4040

RE RFA 217 - DRO

~~Number of pages~~ Including the cover sheet 3

Message

FORM 1
8015 ORGANICS ANALYSIS DATA SHEET

CLIENT [illegible]

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No [illegible]

Matrix (soil/water) SOIL Lab Sample ID [illegible]

Sample wt/vol 20 0 (g/mL) G Lab File ID [illegible]

% Moisture 6 decanted (Y/N) N Date Received [illegible]

Extraction (SepF/Cont/Sonc) SONC Date Extracted [illegible]

Concentrated Extract Volume 5000(ul) Date Analyzed [illegible]

Injection Volume 4 0(uL) Dilution Factor [illegible]

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup [illegible]

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) MG/KG	Q
9999-99-7	Diesel	[illegible]	[illegible]

FORM I 8015

Lab Code COMPU Case No 34181 SAS No SDG No [illegible]

Matrix (soil/water) SOIL Lab Sample ID [illegible]

Sample wt/vol 20 0 (g/mL) G Lab File ID [illegible]

% Moisture 4 decanted (Y/N) N Date Received [illegible]

Extraction (SepF/Cont/Sonc) SONC Date Extracted [illegible]

Concentrated Extract Volume 5000(ul) Date Analyzed [illegible]

Injection Volume 4 0(uL) Dilution Factor [illegible]

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup [illegible]

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) MG/KG	Q
9999-99-7	Diesel	[illegible]	[illegible]

FORM I 8015

FORM 1
8015 ORGANICS ANALYSIS DATA SHEET

CLIENT [illegible]

FORM 1

8015 ORGANICS ANALYSIS DATA SHEET

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34181 SAS No SDG No

Matrix (soil/water) SOIL Lab Sample ID

COMPUCHEM

a division of Liberty Analytical Corp

BASE DVS 3/23/99 3-30-99

3/99 RFA 217
Dayton
Bldg 53 Pnx 16
SVOCs

26/MAR/99

LEGGETTE BRASHEARS & GRAHAM
ATTN
1210 WEST COUNTY RD E
SUITE 700
ST PAUL, MN 55112

Subject Report of Data - Account Number# 500944 Order# 34181

ATTN

Enclosed are the results of analytical work performed in accordance with the referenced account number

This report covers 2 sample(s) appearing on the attached listing

Thank you for selecting CompuChem Environmental for your sample analysis If you should have questions or require additional analytical services please contact your representative at 1-800-833-5097

Sincerely,

Diane Ellmore

CompuChem Environmental
a division of Liberty Analytical

Attachment

501 Madison Avenue ■ Cary N C 27513 ■ Tel 919 379-4100 ■ Fax 919 379-4050

COMPUCHEM
a division of Liberty Analytical Corp

26/MAR/99

LEGGETTE BRASHEARS & GRAHAM
ATTN
1210 WEST COUNTY RD E
SUITE 700
ST PAUL, MN 55112

ACCOUNT # 500944

CC#	SAMPLE-ID	RECEIPT DATE
931481	DP-13-1-4	3/16/99
931484	DP-13-4-8	3/16/99

TOTAL NUMBER OF SAMPLES = 2

501 Madison Avenue ■ Cary N C 27513 ■ Tel 919 379-4100 ■ Fax 919 379-4050

COMPUCHEM
A division of Liberty Analytical Corporation
501 MADISON AVE
CARY NC 27513
(919) 379 4100

SDG NARRATIVE

CASE #34181
SDG #21701
PROTOCOL SW-846
METHOD 8270A

SAMPLES DP-13-1-4, DP-13-4-8

Attached are pertinent analytical data dealing with the analyses of two (2) soil samples associated with Case #34181 SDG #21701 The samples were received intact on March 16 1999 in properly sealed shipping containers with the corresponding chains-of custody The samples were logged into the CompuChem Laboratory Management system and scheduled for the analyses of the semivolatile fractions by Method 8270A

SEMIVOLATILE
The semivolatile fractions were extracted and analyzed within the required holding time The percent moisture values for the samples ranged from 4% to 6% One target analyte bis(2-ethylhexyl)phthalate was detected with a concentration above the reporting limit in sample DP 13 1-4

QC SUMMARY
The surrogates met recovery criteria for the semivolatile samples The internal standards met area responses and retention time criteria

The matrix spike (MS) did not meet accuracy criteria for fourteen of the spike compounds and the matrix spike duplicate (MSD) did not meet accuracy criteria for fifteen of the spike compounds Although the recoveries for these spike compounds failed acceptance criteria, they compared well between the MS and MSD, yielding acceptable relative percent difference (RPD) values The associated Laboratory Control Sample (LCS) met accuracy criteria for the spike compounds with two exceptions The recoveries of 4-chloroaniline and 4 nitrophenol did not meet acceptance criteria in SLCSFN The associated blanks Initial Calibrations and Continuing Calibrations met Quality Control criteria

Release of the data contained in the hardcopy data package has been authorized by the Laboratory Manager or his designee as verified by the following signature

Patricia B Hopkins

Patricia B Hopkins
Final Technical Reviewer
26 August 1999

DATA REPORTING QUALIFIERS

On the Form 1 under the column labeled Q for qualifier each result is flagged with the specific data reporting qualifiers listed below as appropriate Up to five qualifiers may be reported on Form 1 for each compound The qualifiers used are

U This flag indicates the compound was analyzed for but not detected The Contract Required Quantitation Limit (CRQL) (or Reporting Limit) will be adjusted to reflect any dilution and for soils the percent moisture

J This flag indicates an estimated value The flag is used as detailed below

1 When estimating a concentration for tentatively identified compounds (TICs) where a response factor of 1 0 is assumed for the TIC analyte

2 When the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria and the result is less than the CRQL (or Reporting Limit) but greater than zero

3 When the retention time data indicates the presence of a compound that meets the pesticide/Aroclor or other GC or HPLC identification criteria and the result is less than the CRQL (or Reporting Limit) but greater than zero For example if the CRQL (or Reporting Limit) is 10 ug/L but a concentration of 3 ug/L is calculated, it is reported as 3J

N This flag indicates presumptive evidence of a compound This flag is only used for TICs where the identification is based on a mass spectral library search For generic characterization of a TIC such as chlorinated hydrocarbon the N flag is not used

P In the EPA s Contract Laboratory Program (CLP) this flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns The lower of the two values is reported on Form 1 and flagged with a P
For SW 846 GC and HPLC analyses when the Relative Percent Difference (RPD) is greater than 40% and there is no evidence of chromatographic anomalies or interferences then the higher of the two values is reported and flagged with a P When the RPD is equal to or less than 40% our policy is to also report the higher of the two values although the choice could be a project specific issue

C This flag applies to GC or HPLC results where the identification has been confirmed by GC/MS If GC/MS confirmation was attempted but was unsuccessful this flag is not applied a laboratory defined flag is used instead (see the X/Y/Z qualifier)

DATA REPORTING QUALIFIERS (continued)

B This flag is used when the analyte is found in the associated blank as well as in the sample It indicates probable blank contamination and warns the data user to take appropriate action This flag is used for a TIC as well as for a positively identified target compound The combination of flags BU or UB is not an allowable policy Blank contaminants are flagged B only when they are detected in the sample

E This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis If one or more compounds have a response greater than the upper level of the calibration range the sample or extract will be diluted and reanalyzed All such compounds with a response greater than the upper level of the calibration range will have the concentration flagged with an E on Form 1 for the original analysis

D If a sample or extract is reanalyzed at a higher dilution factor, for example when the concentration of an analyte exceeds the upper calibration range the DL suffix is appended to the sample number on Form 1 for the more diluted sample and all reported concentrations on that Form 1 are flagged with the D flag This flag alerts data users that any discrepancies between the reported concentrations may be due to dilution of the sample or extract

NOTE 1 The D flag is not applied to compounds which are not detected in the sample analysis i e compounds reported with the CRQL (or Reporting Limit) and the U flag

NOTE 2 Separate Form 1s are used for reporting the original analysis (Client Sample No XXXXX) and the more diluted sample analysis (Client Sample No XXXXXDL) i e the results from both analyses <u>are not combined</u> on a single Form 1

A This flag indicates that a TIC is a suspected aldol-condensation product

S This flag indicates that an analyte was detected by a single column GC analysis but the result was below the Reporting Limit This flag is only used when clients request a second (confirmation) column analysis after detecting an analyte above the Reporting Limit in the initial single column analysis This flag alerts the data user that only an analyte was detected below the Reporting Limit and a second (confirmation) analysis was not performed

X/Y/Z Other specific flags may be required to properly define the results If used the flags will be fully described in the SDG Narrative The laboratory defined flags are limited to X Y and Z

Revision 4 (8-19 98)

CHRYSLER CORPORATION

Bldg 53, Press 16
Soil Characterization

Chain-of-Custody

04026 A

CompuChem 501 Madison Avenue Cary NC 27513 Phone Number 1 800 833 5097 Fax Number (919) 379-4050	Project Name: Dayton Thermal Products Site Location: 1600 Webster St Dayton OH Site Code: SCU01 RFA Number: YGUP99010217 Chrysler PM: Guy Stone 2-K	Consultant: LBG Address: 1210 West County Road E St Paul MN 55112 Consultant PM: Ken Voyel Phone: 651 490 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)

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	40 ml glass amber VOC 8260	2 oz glass amber SVOC 8270	8 oz glass amber PCB 8082	30 oz glass amber DRO	Volatiles pH <2	Metals pH <2	Cyanide pH > 12	Other	Remarks
DP 13 1-4	3/17/99	1630	G	S	2	X	X	X	X					1 ppm on PID
DP 13 4-8'	↓	1645	G	S	2	X	X	X	X					NA

Sampler(s): David Strand, Mark Mlcite

Bottles Relinquished under Airbill No:

Samples Relinquished under Airbill No: 809983901940

Temperature (corrected): 2 C

Relinquished by	Date	Time	Received by	Date	Time	Custody Seal Intact
[signature]	3/5/99	Fed Ex				Y N
						Yes N
			Received for Laboratory by: [signature]	3/16/99	7:25	Yes N

Total 206

Trip Blank Present: Y N

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

Samples shipped w/ RFA 99215 samples
See Trip blank and Equipment blank on 04025 C-O-C

CompuChem Receiving Log

Client: Chrysler / L BG
Order #: 34181
Project: RFA 217
Quote #: 99-7247
Account #: 500244

Received on: 3-16-99 # of COCs: 1
Delivered by: Fed Ex
Freight #: 809983701240
Subcontract Y / (N)
TAT Verbal _____ Hardcopy: 10 day

PPS (RFA) #: 217 Page 1 of 1
Lab Instructions: TCL VOCs & SVOC, PCBs, DRO 8015 / Pick L.C

	SDG	REQ	SAMPLE ID	CCN	AMOUNT / CONTAINER	PARAMETER	ANALYSIS CODE	LINE ITEM	SAMPLE DATE	MX	pH
1	217101	1	DP-13-1-4	931481	1-4oz, 1 8oz	VOC, SVOC, PCB, DRO	1357, 718, 749, 1132, 246	3, 5, 7, 7, 11	3/14/99	SC	NA
2	↓	2	DP 13-4-8	931484	↓	↓	↓	↓	↓	↓	↓
3											
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20											

D Ellmore 3-16-99

Logged In By: Dian Ellmore & Glenn Hume
Order Entered By: Diane Ellmore
Cyanide samples checked for sulfide and chlorine Y / (NA)
Received in good condition (Y) / N
Holding Blank(s) Counter / Page _____ / _____ CCNs _____ / _____
Temperature(s): 2 °C

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-1-4

Project YGQP9900217 Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931481

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031481A68 D

Level (low/med) LOW Date Received 03/16/99

% Moisture 6 decanted (Y/N) N Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
108-95-2	Phenol	350		U
111-44-4	Bis(2-chloroethyl)ether	350		U
95-57-8	2-Chlorophenol	350		U
541-73-1	1,3-Dichlorobenzene	350		U
106-46-7	1,4-Dichlorobenzene	350		U
95-50-1	1,2-Dichlorobenzene	350		U
95-48-7	2-Methylphenol	350		U
108-60-1	bis(2-Chloroisopropyl)ether	350		U
106-44-5	4-Methylphenol	350		U
621-64-7	N-Nitroso-di-N-propylamine	350		U
67-72-1	Hexachloroethane	350		U
98-95-3	Nitrobenzene	350		U
78-59-1	Isophorone	350		U
88-75-5	2-Nitrophenol	350		U
105-67-9	2,4-Dimethylphenol	350		U
111-91-1	Bis(2-chloroethoxy)methane	350		U
120-83-2	2,4-Dichlorophenol	350		U
120-82-1	1,2,4-Trichlorobenzene	350		U
91-20-3	Naphthalene	350		U
106-47-8	4-Chloroaniline	350		U
87-68-3	Hexachlorobutadiene	350		U
59-50-7	4-Chloro-3-methylphenol	350		U
91-57-6	2-Methylnaphthalene	350		U
77-47-4	Hexachlorocyclopentadiene	350		U
88-06-2	2,4,6-Trichlorophenol	350		U
95-95-4	2,4,5-Trichlorophenol	1700		U
91-58-7	2-Chloronaphthalene	350		U
88-74-4	2-Nitroaniline	1700		U
131-11-3	Dimethylphthalate	350		U
606-20-2	2 6-Dinitrotoluene	350		U
208-96-8	Acenaphthylene	350		U
99-09-2	3-Nitroaniline	1700		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-1-4

Project YGQP9900217 Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931481

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031481A68 D

Level (low/med) LOW Date Received 03/16/99

% Moisture 6 decanted (Y/N) N Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
83-32-9	Acenaphthene	350		U
51-28-5	2,4-Dinitrophenol	1700		U
100-02-7	4-Nitrophenol	1700		U
121-14-2	2,4-Dinitrotoluene	350		U
132-64-9	Dibenzofuran	350		U
84-66-2	Diethylphthalate	350		U
7005-72-3	4-Chlorophenyl-phenylether	350		U
86-73-7	Fluorene	350		U
100-01-6	4-Nitroaniline	1700		U
534-52-1	4,6-Dinitro-2-methylphenol	1700		U
86-30-6	N-Nitrosodiphenylamine (1)	350		U
101-55-3	4-Bromophenyl-phenylether	350		U
118-74-1	Hexachlorobenzene	350		U
87-86-5	Pentachlorophenol	1700		U
85-01-8	Phenanthrene	350		U
120-12-7	Anthracene	350		U
86-74-8	Carbazole	350		U
84-74-2	Di-n-butylphthalate	350		U
206-44-0	Fluoranthene	350		U
129-00-0	Pyrene	350		U
85-68-7	Butylberzylphthalate	350		U
91-94-1	3,3'-Dichlorobenzidine	700		U
117-81-7	bis(2-ethylhexyl)Phthalate	350	670	B
56-55-3	Benzo(a)anthracene	350		U
218-01-9	Chrysene	350		U
117-84-0	Di-n-octylphthalate	350	110	J
205-99-2	Benzo(b)fluoranthene	350		U
207-08-9	Benzo(k)fluoranthene	350		U
50-32-8	Benzo(a)pyrene	350		U
193-39-5	Indeno(1,2,3-c,d)pyrene	350		U
53-70-3	Dibenzo(a,h)anthracene	350		U
191-24-2	Benzo(g,h i)perylene	350		U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-4-8

Project YGQP9900217 Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931484

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031484A68 D

Level (low/med) LOW Date Received 03/16/99

% Moisture 4 decanted (Y/N) N Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
108-95-2	Phenol	340		U
111-44-4	Bis(2-chloroethyl)ether	340		U
95-57-8	2-Chlorophenol	340		U
541-73-1	1,3-Dichlorobenzene	340		U
106-46-7	1,4-Dichlorobenzene	340		U
95-50-1	1,2-Dichlorobenzene	340		U
95-48-7	2-Methylphenol	340		U
108-60-1	bis(2-Chloroisopropyl)ether	340		U
106-44-5	4-Methylphenol	340		U
621-64-7	N-Nitroso-di-N-propylamine	340		U
67-72-1	Hexachloroethane	340		U
98-95-3	Nitrobenzene	340		U
78-59-1	Isophorone	340		U
88-75-5	2-Nitrophenol	340		U
105-67-9	2,4-Dimethylphenol	340		U
111-91-1	Bis(2-chloroethoxy)methane	340		U
120-83-2	2,4-Dichlorophenol	340		U
120-82-1	1,2,4-Trichlorobenzene	340		U
91-20-3	Naphthalene	340		U
106-47-8	4-Chloroaniline	340		U
87-68-3	Hexachlorobutadiene	340		U
59-50-7	4-Chloro-3-methylphenol	340		U
91-57-6	2-Methylnaphthalene	340		U
77-47-4	Hexachlorocyclopentadiene	340		U
88-06-2	2,4,6-Trichlorophenol	340		U
95-95-4	2,4,5-Trichlorophenol	1700		U
91-58-7	2-Chloronaphthalene	340		U
88-74-4	2-Nitroaniline	1700		U
131-11-3	Dimethylphthalate	340		U
606-20-2	2 6-Dinitrotoluene	340		U
208-96-8	Acenaphthylene	340		U
99-09-2	3-Nitroaniline	1700		U

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-4-8

Project YGQP9900217 Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931484

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031484A68 D

Level (low/med) LOW Date Received 03/16/99

% Moisture 4 decanted (Y/N) N Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
83-32-9	Acenaphthene	340		U
51-28-5	2,4-Dinitrophenol	1700		U
100-02-7	4-Nitrophenol	1700		U
121-14-2	2,4-Dinitrotoluene	340		U
132-64-9	Dibenzofuran	340		U
84-66-2	Diethylphthalate	340		U
7005-72-3	4-Chlorophenyl-phenylether	340		U
86-73-7	Fluorene	340		U
100-01-6	4-Nitroaniline	1700		U
534-52-1	4,6-Dinitro-2-methylphenol	1700		U
86-30-6	N-Nitrosodiphenylamine (1)	340		U
101-55-3	4-Bromophenyl-phenylether	340		U
118-74-1	Hexachlorobenzene	340		U
87-86-5	Pentachlorophenol	1700		U
85-01-8	Phenanthrene	340		U
120-12-7	Anthracene	340		U
86-74-8	Carbazole	340		U
84-74-2	Di-n-butylphthalate	340		U
206-44-0	Fluoranthene	340		U
129-00-0	Pyrene	340		U
85-68-7	Butylbenzylphthalate	340		U
91-94-1	3,3'-Dichlorobenzidine	690		U
117-81-7	bis(2-ethylhexyl)Phthalate	340		U
56-55-3	Benzo(a)anthracene	340		U
218-01-9	Chrysene	340		U
117-84-0	Di-n-octylphthalate	340		U
205-99-2	Benzo(b)fluoranthene	340		U
207-08-9	Benzo(k)fluoranthene	340		U
50-32-8	Benzo(a)pyrene	340		U
193-39-5	Indeno(1,2,3-c d)pyrene	340		U
53-70-3	Dibenzo(a,h)anthracene	340		U
191-24-2	Benzo(g,h i)perylene	340		U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-4-8MS

Project YGQP9900217 Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931485

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031485A68 D

Level (low/med) LOW Date Received 03/16/99

% Moisture 4 decanted (Y/N) N Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
108-95-2	Phenol	340	2300	
111-44-4	Bis(2-chloroethyl)ether	340	2400	
95-57-8	2-Chlorophenol	340	2200	
541-73-1	1 3-Dichlorobenzene	340	4600	
106-46-7	1,4-Dichlorobenzene	340	4700	
95-50-1	1,2-Dichlorobenzene	340	4800	
95-48-7	2-Methylphenol	340	3200	
108-60-1	bis(2-Chloroisopropyl)ether	340	2200	
106-44-5	4-Methylphenol	340	5200	
621-64-7	N-Nitroso-di-N-propylamine	340	2400	
67-72-1	Hexachloroethane	340	4500	
98-95-3	Nitrobenzene	340	5100	
78-59-1	Isophorone	340	4600	
88-75-5	2-Nitrophenol	340	2200	
105-67-9	2,4-Dimethylphenol	340	2200	
111-91-1	Bis(2-chloroethoxy)methane	340	3400	
120-83-2	2,4-Dichlorophenol	340	2200	
120-82-1	1,2,4-Trichlorobenzene	340	4900	
91-20-3	Naphthalene	340	2600	
106-47-8	4-Chloroaniline	340	1300	
87-68-3	Hexachlorobutadiene	340	4700	
59-50-7	4-Chloro-3-methylphenol	340	2100	
91-57-6	2-Methylnaphthalene	340	2500	
77-47-4	Hexachlorocyclopentadiene	340	5300	
88-06-2	2 4,6-Trichlorophenol	340	2500	
95-95-4	2,4,5-Trichlorophenol	1700	3000	
91-58-7	2-Chloronaphthalene	340	4900	
88-74-4	2-Nitroaniline	1700	2800	
131-11-3	Dimethylphthalate	340	2500	
606-20-2	2,6-Dinitrotoluene	340	5300	
208-96-8	Acenaphthylene	340	2500	
99-09-2	3-Nitroaniline	1700	2000	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-4-8MS

Project YGQP9900217 Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931485

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031485A68 D

Level (low/med) LOW Date Received 03/16/99

- Moisture 4 decanted (Y/N) N Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
83-32-9	Acenaphthene	340	2500	
51-28-5	2,4-Dinitrophenol	1700	1800	
100-02-7	4-Nitrophenol	1700	9600	
121-14-2	2,4-Dinitrotoluene	340	5000	
132-64-9	Dibenzofuran	340	2700	
84-66-2	Diethylphthalate	340	2500	
7005-72-3	4-Chlorophenyl-phenylether	340	2600	
86-73-7	Fluorene	340	2600	
100-01-6	4-Nitroaniline	1700	2600	
534-52-1	4,6-Dinitro-2-methylphenol	1700	2900	
86-30-6	N-Nitrosodiphenylamine (1)	340	6200	E
101-55-3	4-Bromophenyl-phenylether	340	2700	
118-74-1	Hexachlorobenzene	340	4700	
87-86-5	Pentachlorophenol	1700	2100	
85-01-8	Phenanthrene	340	2800	
120-12-7	Anthracene	340	2800	
86-74-8	Carbazole	340	2300	
84-74-2	Di-n-butylphthalate	340	2500	
206-44-0	Fluoranthene	340	2700	
129-00-0	Pyrene	340	2900	
85-68-7	Butylbenzylphthalate	340	2700	
91-94-1	3,3'-Dichlorobenzidine	690	3800	
117-81-7	bis(2-ethylhexyl)Phthalate	340	2700	B
56-55-3	Benzo(a)anthracene	340	3000	
218-01-9	Chrysene	340	2900	
117-84-0	Di-n-octylphthalate	340	2200	
205-99-2	Benzo(b)fluoranthene	340	2300	
207-08-9	Benzo(k)fluoranthene	340	2600	
50-32-8	Benzo(a)pyrene	340	2500	
193-39-5	Indeno(1,2,3-c,d)pyrene	340	2600	
53-70-3	Dibenzo(a,h)anthracene	340	2600	
191-24-2	Benzo(g,h,i)perylene	340	2600	

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-4-8MSD

Project YGQP9900217 Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931486

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031486A68 D

Level (low/med) LOW Date Received 03/16/99

% Moisture 4 decanted (Y/N) N Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
108-95-2	Phenol	340	2500	
111-44-4	Bis(2-chloroethyl)ether	340	2600	
95-57-8	2-Chlorophenol	340	2400	
541-73-1	1 3-Dichlorobenzene	340	4900	
106-46-7	1,4-Dichlorobenzene	340	5000	
95-50-1	1,2-Dichlorobenzene	340	5100	
95-48-7	2-Methylphenol	340	3500	
108-60-1	bis(2-Chloroisopropyl)ether	340	2400	
106-44-5	4-Methylphenol	340	5600	E
621-64-7	N-Nitroso-di-N-propylamine	340	2500	
67-72-1	Hexachloroethane	340	5000	
98-95-3	Nitrobenzene	340	5300	
78-59-1	Isophorone	340	4800	
88-75-5	2-Nitrophenol	340	2300	
105-67-9	2,4-Dimethylphenol	340	2400	
111-91-1	Bis(2-chloroethoxy)methane	340	3600	
120-83-2	2,4-Dichlorophenol	340	2400	
120-82-1	1,2,4-Trichlorobenzene	340	5200	
91-20-3	Naphthalene	340	2600	
106-47-8	4-Chloroaniline	340	1600	
87-68-3	Hexachlorobutadiene	340	5100	
59-50-7	4-Chloro-3-methylphenol	340	2300	
91-57-6	2-Methylnaphthalene	340	2600	
77-47-4	Hexachlorocyclopentadiene	340	5700	E
88-06-2	2,4,6-Trichlorophenol	340	2500	
95-95-4	2,4,5-Trichlorophenol	1700	3200	
91-58-7	2-Chloronaphthalene	340	4900	
88-74-4	2-Nitroaniline	1700	3000	
131-11-3	Dimethylphthalate	340	2600	
606-20-2	2,6-Dinitrotoluene	340	5700	E
208-96-8	Acenaphthylene	340	2600	
99-09-2	3-Nitroaniline	1700	2200	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

DP-13-4-8MSD

Project YGQP9900217 Date Sampled 03/14/99

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931486

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031486A68 D

Level (low/med) LOW Date Received 03/16/99

% Moisture 4 decanted (Y/N) N Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
83-32-9	Acenaphthene	340	2700	
51-28-5	2,4-Dinitrophenol	1700	2100	
100-02-7	4-Nitrophenol	1700	10000	
121-14-2	2,4-Dinitrotoluene	340	5300	
132-64-9	Dibenzofuran	340	2800	
84-66-2	Diethylphthalate	340	2600	
7005-72-3	4-Chlorophenyl-phenylether	340	2800	
86-73-7	Fluorene	340	2700	
100-01-6	4-Nitroaniline	1700	2800	
534-52-1	4,6-Dinitro-2-methylphenol	1700	3300	
86-30-6	N-Nitrosodiphenylamine (1)	340	6500	E
101-55-3	4-Bromophenyl-phenylether	340	3000	
118-74-1	Hexachlorobenzene	340	5100	
87-86-5	Pentachlorophenol	1700	2300	
85-01-8	Phenanthrene	340	2900	
120-12-7	Anthracene	340	2900	
86-74-8	Carbazole	340	2600	
84-74-2	Di-n-butylphthalate	340	2700	
206-44-0	Fluoranthene	340	2800	
129-00-0	Pyrene	340	2900	
85-68-7	Butylbenzylphthalate	340	2800	
91-94-1	3,3'-Dichlorobenzidine	690	4500	
117-81-7	bis(2-ethylhexyl)Phthalate	340	2900	B
56-55-3	Benzo(a)anthracene	340	3000	
218-01-9	Chrysene	340	3000	
117-84-0	Di-n-octylphthalate	340	2500	
205-99-2	Benzo(b)fluoranthene	340	2700	
207-08-9	Benzo(k)fluoranthene	340	2700	
50-32-8	Benzo(a)pyrene	340	2700	
193-39-5	Indeno(1,2,3-c,d)pyrene	340	2700	
53-70-3	Dibenzo(a,h)anthracene	340	2700	
191-24-2	Benzo(g,h i)perylene	340	2600	

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

SBLKFN

Project YGQP9900217 Date Sampled _____

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931515

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031515A68 D

Level (low/med) LOW Date Received _____

% Moisture _____ decanted (Y/N)___ Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
108-95-2	Phenol	330		U
111-44-4	Bis(2-chloroethyl)ether	330		U
95-57-8	2-Chlorophenol	330		U
541-73-1	1,3-Dichlorobenzene	330		U
106-46-7	1,4-Dichlorobenzene	330		U
95-50-1	1,2-Dichlorobenzene	330		U
95-48-7	2-Methylphenol	330		U
108-60-1	bis(2-Chloroisopropyl)ether	330		U
106-44-5	4-Methylphenol	330		U
621-64-7	N-Nitroso-di-N-propylamine	330		U
67-72-1	Hexachloroethane	330		U
98-95-3	Nitrobenzene	330		U
78-59-1	Isophorone	330		U
88-75-5	2-Nitrophenol	330		U
105-67-9	2,4-Dimethylphenol	330		U
111-91-1	Bis(2-chloroethoxy)methane	330		U
120-83-2	2,4-Dichlorophenol	330		U
120-82-1	1,2 4-Trichlorobenzene	330		U
91-20-3	Naphthalene	330		U
106-47-8	4-Chloroaniline	330		U
87-68-3	Hexachlorobutadiene	330		U
59-50-7	4-Chloro-3-methylphenol	330		U
91-57-6	2-Methylnaphthalene	330		U
77-47-4	Hexachlorocyclopentadiene	330		U
88-06-2	2,4,6-Trichlorophenol	330		U
95-95-4	2,4,5-Trichlorophenol	1600		U
91-58-7	2-Chloronaphthalene	330		U
88-74-4	2-Nitroaniline	1600		U
131-11-3	Dimethylphthalate	330		U
606-20-2	2,6-Dinitrotoluene	330		U
208-96-8	Acenaphthylene	330		U
99-09-2	3-Nitroaniline	1600		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

SBLKFN

Project YGQP9900217 Date Sampled _____

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931515

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031515A68 D

Level (low/med) LOW Date Received _____

% Moisture _____ decanted (Y/N)___ Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
83-32-9	Acenaphthene	330		U
51-28-5	2,4-Dinitrophenol	1600		U
100-02-7	4-Nitrophenol	1600		U
121-14-2	2,4-Dinitrotoluene	330		U
132-64-9	Dibenzofuran	330		U
84-66-2	Diethylphthalate	330		U
7005-72-3	4-Chlorophenyl-phenylether	330		U
86-73-7	Fluorene	330		U
100-01-6	4-Nitroaniline	1600		U
534-52-1	4,6-Dinitro-2-methylphenol	1600		U
86-30-6	N-Nitrosodiphenylamine (1)	330		U
101-55-3	4-Bromophenyl-phenylether	330		U
118-74-1	Hexachlorobenzene	330		U
87-86-5	Pentachlorophenol	1600		U
85-01-8	Phenanthrene	330		U
120-12-7	Anthracene	330		U
86-74-8	Carbazole	330		U
84-74-2	Di-n-butylphthalate	330		U
206-44-0	Fluoranthene	330		U
129-00-0	Pyrene	330		U
85-68-7	Butylbenzylphthalate	330		U
91-94-1	3,3'-Dichlorobenzidine	660		U
117-81-7	bis(2-ethylhexyl)Phthalate	330	41	J
56-55-3	Benzo(a)anthracene	330		U
218-01-9	Chrysene	330		U
117-84-0	Di-n-octylphthalate	330		U
205-99-2	Benzo(b)fluoranthene	330		U
207-08-9	Benzo(k)fluoranthene	330		U
50-32-8	Benzo(a)pyrene	330		U
193-39-5	Indeno(1,2,3-c d)pyrene	330		U
53-70-3	Dibenzo(a,h)anthracene	330		U
191-24-2	Benzo(g,h,i)perylene	330		U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

SLCSFN

Project YGQP9900217 Date Sampled _____

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931516

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031516A68 D

Level (low/med) LOW Date Received _____

% Moisture _____ decanted (Y/N)___ Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
108-95-2	Phenol	330	1200	
111-44-4	Bis(2-chloroethyl)ether	330	1400	
95-57-8	2-Chlorophenol	330	1200	
541-73-1	1 3-Dichlorobenzene	330	2600	
106-46-7	1,4-Dichlorobenzene	330	2700	
95-50-1	1,2-Dichlorobenzene	330	2700	
95-48-7	2-Methylphenol	330	1800	
108-60-1	bis(2-Chloroisopropyl)ether	330	1300	
106-44-5	4-Methylphenol	330	2800	
621-64-7	N-Nitroso-di-N-propylamine	330	1300	
67-72-1	Hexachloroethane	330	2700	
98-95-3	Nitrobenzene	330	2900	
78-59-1	Isophorone	330	2700	
88-75-5	2-Nitrophenol	330	1300	
105-67-9	2,4-Dimethylphenol	330	1300	
111-91-1	Bis(2-chloroethoxy)methane	330	2000	
120-83-2	2,4-Dichlorophenol	330	1300	
120-82-1	1,2,4-Trichlorobenzene	330	3000	
91-20-3	Naphthalene	330	1500	
106-47-8	4-Chloroaniline	330	540	
87-68-3	Hexachlorobutadiene	330	2900	
59-50-7	4-Chloro-3-methylphenol	330	1200	
91-57-6	2-Methylnaphthalene	330	1500	
77-47-4	Hexachlorocyclopentadiene	330	3200	
88-06-2	2,4,6-Trichlorophenol	330	1300	
95-95-4	2,4 5-Trichlorophenol	1600	1900	
91-58-7	2-Chloronaphthalene	330	3000	
88-74-4	2-Nitroaniline	1600	1600	
131-11-3	Dimethylphthalate	330	1400	
606-20-2	2,6-Dinitrotoluene	330	3000	
208-96-8	Acenaphthylene	330	1400	
99-09-2	3-Nitroaniline	1600	820	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

SLCSFN

Project YGQP9900217 Date Sampled _____

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix (soil/water) SOIL Lab Sample ID 931516

Sample wt/vol 30 0 (g/mL) G Lab File ID GH031516A68 D

Level (low/med) LOW Date Received _____

% Moisture _____ decanted (Y/N)___ Date Extracted 03/16/99

Concentrated Extract Volume 1000(uL) Date Analyzed 03/16/99

Injection Volume 1 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N CONCENTRATION UNITS UG/KG

CAS NO	COMPOUND	DL	CONC	Q
83-32-9	Acenaphthene	330	1400	
51-28-5	2,4-Dinitrophenol	1600	1500	J
100-02-7	4-Nitrophenol	1600	5300	
121-14-2	2,4-Dinitrotoluene	330	2700	
132-64-9	Dibenzofuran	330	1500	
84-66-2	Diethylphthalate	330	1400	
7005-72-3	4-Chlorophenyl-phenylether	330	1500	
86-73-7	Fluorene	330	1500	
100-01-6	4-Nitroaniline	1600	1400	J
534-52-1	4,6-Dinitro-2-methylphenol	1600	2000	
86-30-6	N-Nitrosodiphenylamine (1)	330	3500	
101-55-3	4-Bromophenyl-phenylether	330	1600	
118-74-1	Hexachlorobenzene	330	2800	
87-86-5	Pentachlorophenol	1600	1700	
85-01-8	Phenanthrene	330	1600	
120-12-7	Anthracene	330	1600	
86-74-8	Carbazole	330	1300	
84-74-2	Di-n-butylphthalate	330	1600	
206-44-0	Fluoranthene	330	1600	
129-00-0	Pyrene	330	1700	
85-68-7	Butylbenzylphthalate	330	1600	
91-94-1	3,3'-Dichlorobenzidine	660	1900	
117-81-7	bis(2-ethylhexyl)Phthalate	330	1600	B
56-55-3	Benzo(a)anthracene	330	1700	
218-01-9	Chrysene	330	1700	
117-84-0	Di-n-octylphthalate	330	1400	
205-99-2	Benzo(b)fluoranthene	330	1500	
207-08-9	Benzo(k)fluoranthene	330	1600	
50-32-8	Benzo(a)pyrene	330	1500	
193-39-5	Indeno(1,2,3-c,d)pyrene	330	1300	
53-70-3	Dibenzo(a,h)anthracene	330	1400	
191-24-2	Benzo(g,h,i)perylene	330	1300	

(1) - Cannot be separated from Diphenylamine

4B

SEMIVOLATILE METHOD BLANK SUMMARY

SAMPLE NO

SBLKFN

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Lab File ID GH031515A68 D Lab Sample ID 931515

Instrument ID 5972HP68 Date Extracted 03/16/99

Matrix (soil/water) SOIL Date Analyzed 03/16/99

Level (low/med) LOW Time Analyzed 1710

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	SAMPLE NO	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SLCSFN	931516	GH031516A68 D	03/16/99
02	DP-13-4-8	931484	GH031484A68 D	03/16/99
03	DP-13-4-8MS	931485	GH031485A68 D	03/16/99
04	DP-13-4-8MSD	931486	GH031486A68 D	03/16/99
05	DP-13-1-4	931481	GH031481A68 D	03/16/99
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07				
08				
09				
10				
11				
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COMMENTS

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Level (low/med) LOW

	SAMPLE NO	S1 (2FP) #	S2 (PHL) #	S3 (NBZ) #	S4 (FBP) #	S5 (TBP) #	S6 (TPH) #	S7 #	S8 #	TOT OUT
01	DP-13-1-4	57	65	78	79	35	94			0
02	DP-13-4-8	45	46	52	58	48	59			0
03	DP-13-4-8MS	66	62	78	79	72	89			0
04	DP-13-4-8MSD	74	67	81	83	78	91			0
05	SBLKFN	48	49	52	55	55	59			0
06	SLCSFN	39	36	45	47	43	54			0
07										
08										
09										
10										
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			QC LIMITS
S1	(2FP)	= 2-Fluorophenol	(15-102)
S2	(PHL)	= Phenol-d5	(15-105)
S3	(NBZ)	= Nitrobenzene-d5	(15-103)
S4	(FBP)	= 2-Fluorobiphenyl	(20-100)
S5	(TBP)	= 2,4 6-Tribromophenol	(15-110)
S6	(TPH)	= Terphenyl-d14	(21-111)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

FORM II SV-2

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix Spike - Sample No DP-13-4-8 Level(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC
Phenol	3472	0 000	2252	65	10-137
Bis(2-chloroethyl)ether	3472	0 000	2379	68	28-119
2-Chlorophenol	3472	0 000	2234	64	10-138
1,3-Dichlorobenzene	3472	0 000	4596	132*	32- 99
1 4-Dichlorobenzene	3472	0 000	4659	134*	31-104
1,2-Dichlorobenzene	3472	0 000	4750	137*	30-106
2-Methylphenol	3472	0 000	3229	93	15-141
bis(2-Chloroisopropyl)e	3472	0 000	2235	64	32-110
4-Methylphenol	6944	0 000	5168	74	10-141
N-Nitroso-di-N-prop (1)	3472	0 000	2389	69	32-119
Hexachloroethane	3472	0 000	4549	131*	30-100
Nitrobenzene	3472	0 000	5125	148*	34-118
Isophorone	3472	0 000	4632	133*	35-114
2-Nitrophenol	3472	0 000	2168	62	10-150
2,4-Dimethylphenol	3472	0 000	2214	64	10-145
Bis(2-chloroethoxy)meth	3472	0 000	3374	97	33-118
2,4-Dichlorophenol	3472	0 000	2246	65	10-150
1 2,4-Trichlorobenzene	3472	0 000	4871	140*	33-112
Naphthalene	3472	0 000	2565	74	33-119
4-Chloroaniline	3472	0 000	1328	38	18-122
Hexachlorobutadiene	3472	0 000	4746	137*	34-108
4-Chloro-3-methylphenol	3472	0 000	2105	61	10-148
2-Methylnaphthalene	3472	0 000	2526	73	31-124
Hexachlorocyclopentadie	3472	0 000	5307	153*	10-117
2 4,6-Trichlorophenol	3472	0 000	2482	71	10-150
2 4,5-Trichlorophenol	3472	0 000	2996	86	10-150
2-Chloronaphthalene	3472	0 000	4909	141*	21-137
2-Nitroaniline	3472	0 000	2803	81	34-130
Dimethylphthalate	3472	0 000	2509	72	29-128
2,6-Dinitrotoluene	3472	0 000	5307	153*	35-124

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix Spike - Sample No DP-13-4-8 Level(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC
Acenaphthylene	3472	0 000	2480	71	35-120
3-Nitroaniline	3472	0 000	1988	57	10-132
Acenaphthene	3472	0 000	2535	73	33-122
2,4-Dinitrophenol	3472	0 000	1844	53	10-150
4-Nitrophenol	3472	0 000	9550	275*	10-150
2 4-Dinitrotoluene	3472	0 000	5012	144*	37-123
Dibenzofuran	3472	0 000	2673	77	32-128
Diethylphthalate	3472	0 000	2468	71	34-126
4-Chlorophenyl-phenylet	3472	0 000	2599	75	35-122
Fluorene	3472	0 000	2581	74	33-130
4-Nitroaniline	3472	0 000	2599	75	16-150
4 6-Dinitro-2-methylphe	3472	0 000	2916	84	10-150
N-Nitrosodiphenylamine	6944	0 000	6163	89	23-150
4-Bromophenyl-phenyleth	3472	0 000	2716	78	34-123
Hexachlorobenzene	3472	0 000	4747	137*	32-124
Pentachlorophenol	3472	0 000	2098	60	10-150
Phenanthrene	3472	0 000	2776	80	30-132
Anthracene	3472	0 000	2844	82	31-129
Carbazole	3472	0 000	2325	67	26-144
Di-n-butylphthalate	3472	0 000	2530	73	33-128
Fluoranthene	3472	0 000	2704	78	28-139
Pyrene	3472	0 000	2867	82	33-120
Butylbenzylphthalate	3472	0 000	2720	78	27-130
3,3'-Dichlorobenzidine	3472	0 000	3762	108	20-111
bis(2-ethylhexyl)Phthal	3472	0 000	2699	78	32-126
Benzo(a)anthracene	3472	0 000	3045	88	35-122
Chrysene	3472	0 000	2864	82	35-119
Di-n-octylphthalate	3472	0 000	2196	63	35-128
Benzo(b)fluoranthene	3472	0 000	2306	66	33-134
Benzo(k)fluoranthene	3472	0 000	2596	75	28-128

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34181 SAS No SDG No 21701

Matrix Spike - Sample No DP-13-4-8 Level(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC
Benzo(a)pyrene	3472	0 000	2490	72	34-124
Indeno(1,2,3-c,d)pyrene	3472	0 000	2626	76	34-121
Dibenzo(a,h)anthracene	3472	0 000	2585	74	33-121
Benzo(g,h,i)perylene	3472	0 000	2580	74	33-117